

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066036.D
 Acq On : 23 Jul 2020 20:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 24 03:10:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	279267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	429119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	411143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	212374	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	139629	61.45	ug/l	0.00
Spiked Amount			Recovery	=	122.90%	
35) Dibromofluoromethane	7.91	113	146787	56.40	ug/l	0.00
Spiked Amount			Recovery	=	112.80%	
50) Toluene-d8	10.34	98	545818	56.29	ug/l	0.00
Spiked Amount			Recovery	=	112.58%	
62) 4-Bromofluorobenzene	12.64	95	191860	57.07	ug/l	0.00
Spiked Amount			Recovery	=	114.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	92297	43.549	ug/l	95
3) Chloromethane	2.21	50	83135	48.068	ug/l	99
4) Vinyl Chloride	2.35	62	76131	46.223	ug/l	100
5) Bromomethane	2.77	94	60239	52.229	ug/l	97
6) Chloroethane	2.93	64	50572	51.436	ug/l #	86
7) Trichlorofluoromethane	3.27	101	192661	48.091	ug/l	94
8) Diethyl Ether	3.71	74	60531	54.663	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	115839	47.888	ug/l	99
10) Methyl Iodide	4.30	142	141869	56.639	ug/l	98
11) Tert butyl alcohol	5.21	59	36071	252.593	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	112593	48.763	ug/l	88
13) Acrolein	3.93	56	46360	242.150	ug/l	98
14) Allyl chloride	4.71	41	185494	51.392	ug/l	94
15) Acrylonitrile	5.42	53	130058	274.918	ug/l	98
16) Acetone	4.16	43	99424	216.158	ug/l	90
17) Carbon Disulfide	4.41	76	352952	47.124	ug/l	99
18) Methyl Acetate	4.71	43	52459	49.027	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	276531	58.289	ug/l	98
20) Methylene Chloride	4.97	84	148551	58.939	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	136535	52.320	ug/l	93
22) Diisopropyl ether	6.36	45	385626	56.237	ug/l	97
23) Vinyl Acetate	6.31	43	1104268	285.544	ug/l	96
24) 1,1-Dichloroethane	6.27	63	231583	55.738	ug/l	97
25) 2-Butanone	7.21	43	154357	252.908	ug/l	99
26) 2,2-Dichloropropane	7.21	77	187198	50.103	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	150960	54.635	ug/l	99
28) Bromochloromethane	7.54	49	100931	57.235	ug/l	93
29) Tetrahydrofuran	7.56	42	100500	266.879	ug/l	97
30) Chloroform	7.71	83	249048	57.304	ug/l	99
31) Cyclohexane	7.99	56	182952	44.758	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	219450	54.587	ug/l	99
36) 1,1-Dichloropropene	8.11	75	178553	48.754	ug/l	99
37) Ethyl Acetate	7.30	43	69466	49.667	ug/l	99
38) Carbon Tetrachloride	8.10	117	198771	50.021	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	210990	47.573	ug/l	95
40) Benzene	8.36	78	535000	52.216	ug/l	97
41) Methacrylonitrile	7.56	41	102564	128.009	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	155288	55.309	ug/l	99
43) Isopropyl Acetate	8.46	43	141439	51.776	ug/l	100
44) Trichloroethene	9.11	130	161573	52.111	ug/l	97
45) 1,2-Dichloropropane	9.39	63	132532	53.408	ug/l	99
46) Dibromomethane	9.47	93	72995	54.643	ug/l	96
47) Bromodichloromethane	9.67	83	195391	55.318	ug/l	97
48) Methyl methacrylate	9.46	41	68993	50.069	ug/l	88
49) 1,4-Dioxane	9.46	88	15483	1000.411	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	365683	265.679	ug/l	100
52) Toluene	10.41	92	360525	53.956	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	182862	55.569	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	220364	55.244	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	100001	52.783	ug/l	93
56) Ethyl methacrylate	10.67	69	125744	57.085	ug/l	98
57) 1,3-Dichloropropane	10.95	76	175330	55.902	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	259923	247.014	ug/l	98
59) 2-Hexanone	10.99	43	244920	256.775	ug/l	95
60) Dibromochloromethane	11.14	129	143162	56.043	ug/l	100
61) 1,2-Dibromoethane	11.25	107	102977	56.372	ug/l	100
64) Tetrachloroethene	10.88	164	144500	51.781	ug/l	94
65) Chlorobenzene	11.67	112	404540	53.739	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	154170	55.465	ug/l	99
67) Ethyl Benzene	11.75	91	688337	53.134	ug/l	99
68) m/p-Xylenes	11.86	106	532265	106.896	ug/l	98
69) o-Xylene	12.18	106	253415	55.956	ug/l	100
70) Styrene	12.20	104	438358	56.335	ug/l	99
71) Bromoform	12.37	173	87674	53.848	ug/l #	97
73) Isopropylbenzene	12.48	105	681126	53.003	ug/l	100
74) N-amyl acetate	12.30	43	138178	51.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	109691	51.649	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	140211	87.683	ug/l #	100
77) Bromobenzene	12.77	156	173887	52.947	ug/l	95
78) n-propylbenzene	12.83	91	779538	52.276	ug/l	100
79) 2-Chlorotoluene	12.91	91	446238	52.379	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	577061	54.657	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	35571	51.044	ug/l	97
82) 4-Chlorotoluene	13.01	91	476358	52.974	ug/l	100
83) tert-Butylbenzene	13.23	119	498997	54.011	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	577511	55.444	ug/l	98
85) sec-Butylbenzene	13.41	105	661067	51.948	ug/l	100
86) p-Isopropyltoluene	13.52	119	625541	54.108	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	328146	53.817	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	325345	52.780	ug/l	99
89) n-Butylbenzene	13.85	91	555406	51.667	ug/l	99
90) Hexachloroethane	14.12	117	127462	53.258	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	287416	54.397	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17729	50.936	ug/l	98

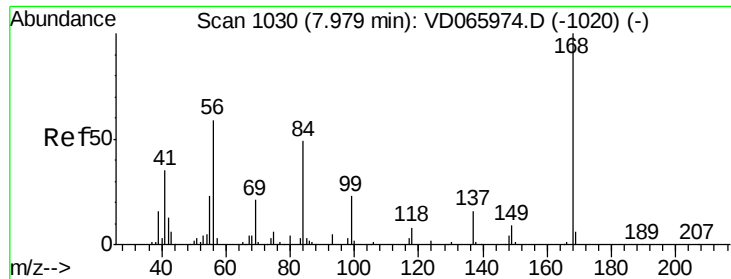
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	207671	54.757	ug/l	100
94) Hexachlorobutadiene	15.27	225	121086	51.642	ug/l	98
95) Naphthalene	15.41	128	342894	50.781	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	184386	55.924	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

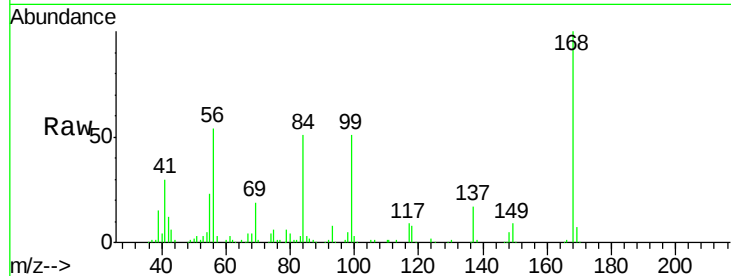
VSTDCCC050EC

Tot Ion:168 Resp: 279267

Ion Ratio Lower Upper

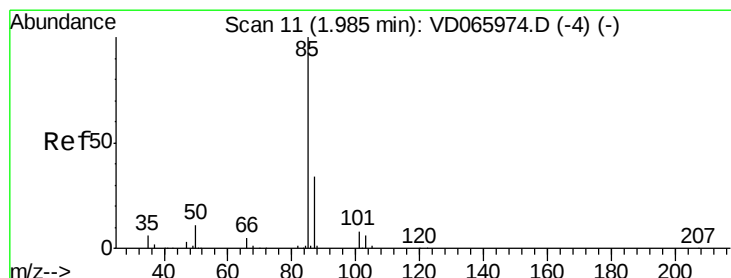
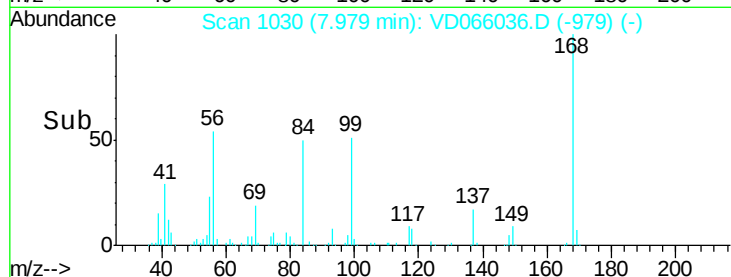
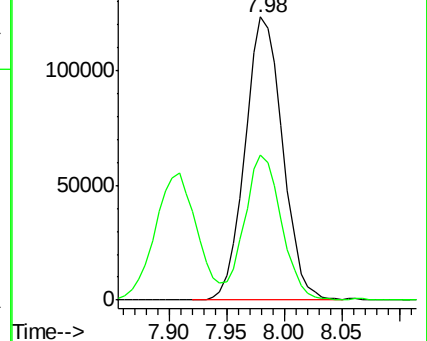
168 100

99 51.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 43.549 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066036.D

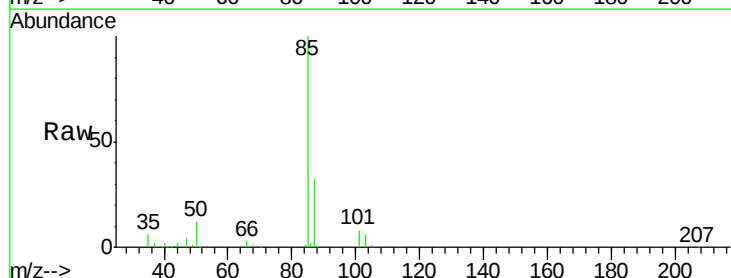
Acq: 23 Jul 2020 20:36

Tgt Ion: 85 Resp: 92297

Ion Ratio Lower Upper

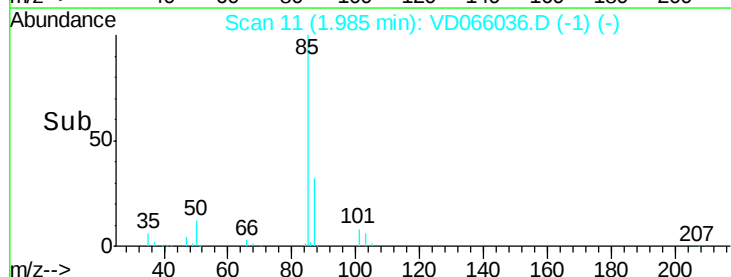
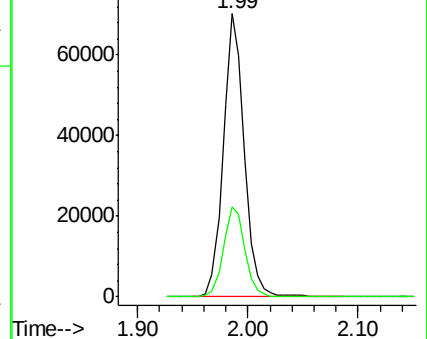
85 100

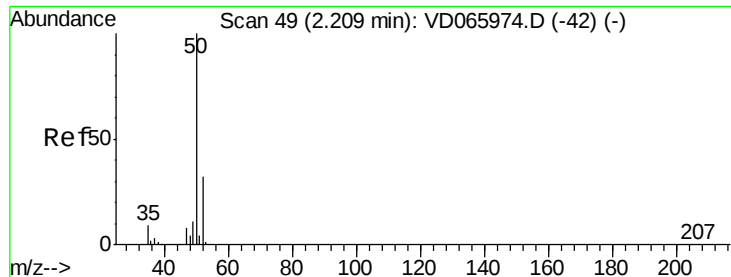
87 31.7 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 48.068 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

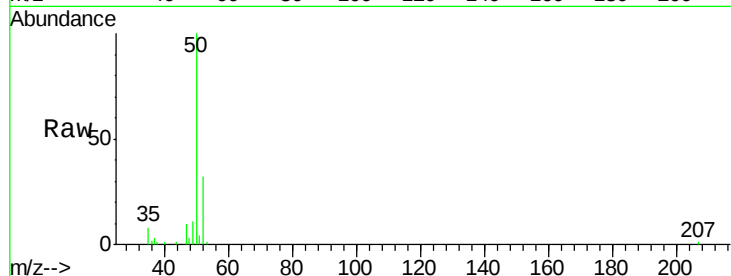
VSTDCCC050EC

Tot Ion: 50 Resp: 83135

Ion Ratio Lower Upper

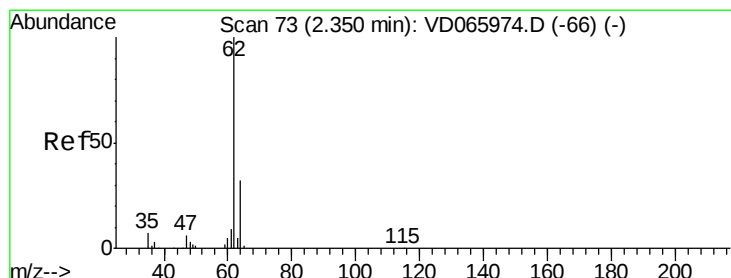
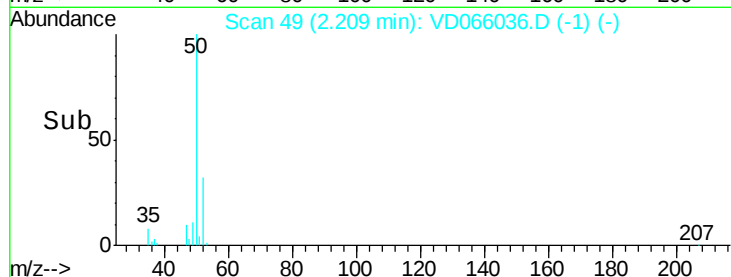
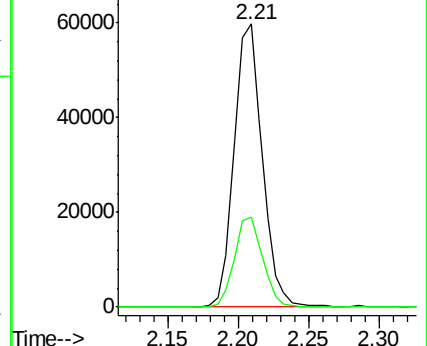
50 100

52 31.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.223 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066036.D

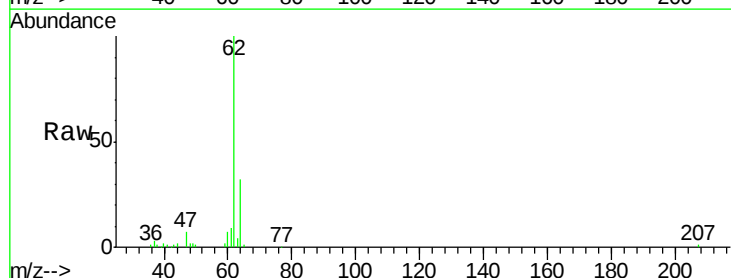
Acq: 23 Jul 2020 20:36

Tgt Ion: 62 Resp: 76131

Ion Ratio Lower Upper

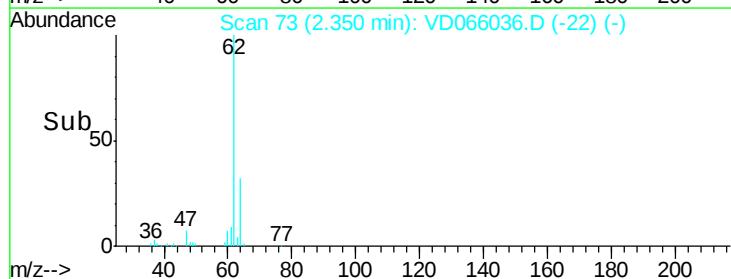
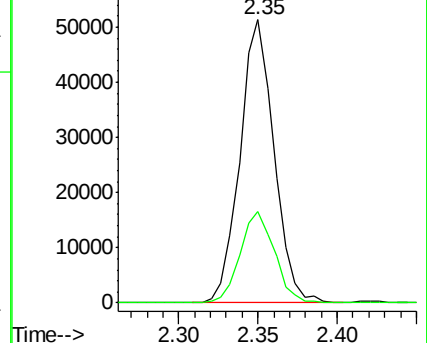
62 100

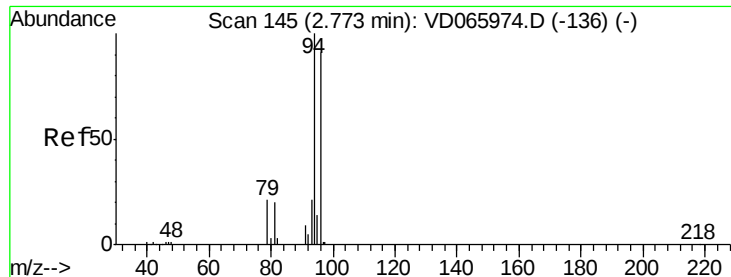
64 32.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 52.229 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

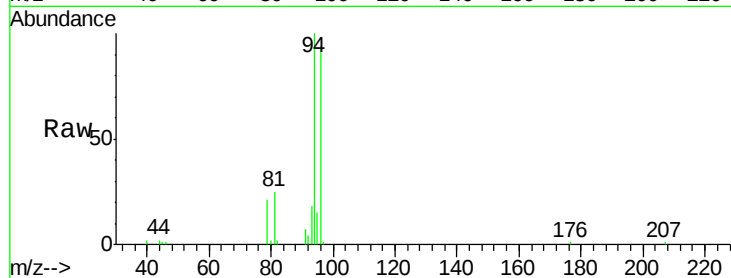
VSTDCCC050EC

Tot Ion: 94 Resp: 60239

Ion Ratio Lower Upper

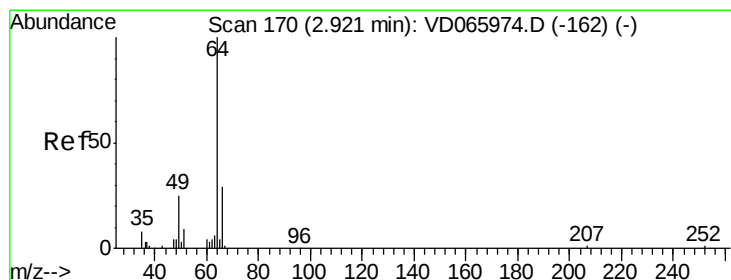
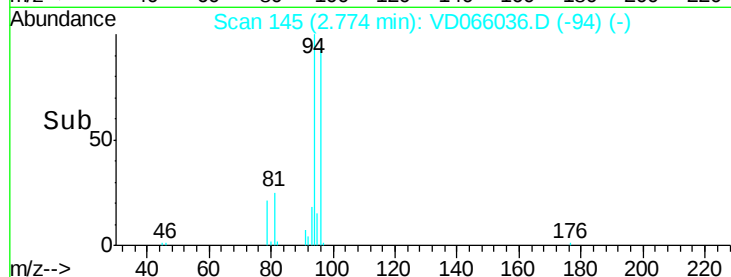
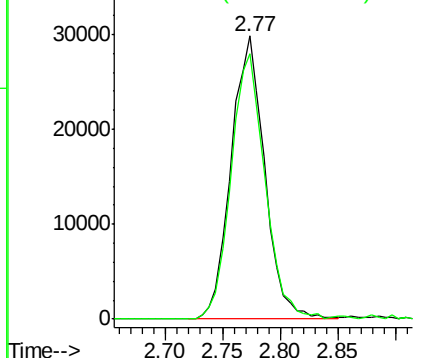
94 100

96 94.0 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 51.436 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066036.D

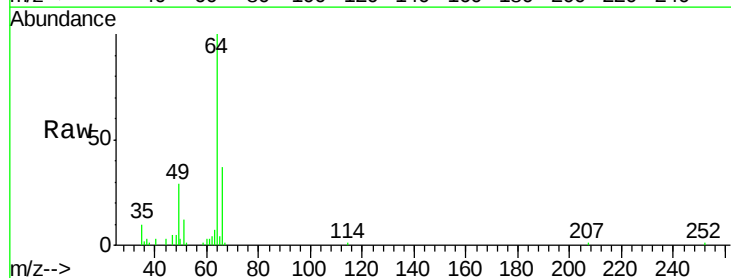
Acq: 23 Jul 2020 20:36

Tgt Ion: 64 Resp: 50572

Ion Ratio Lower Upper

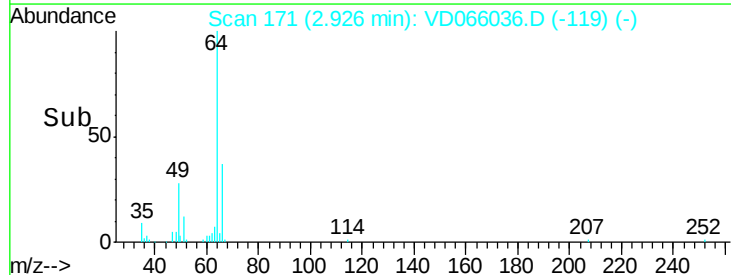
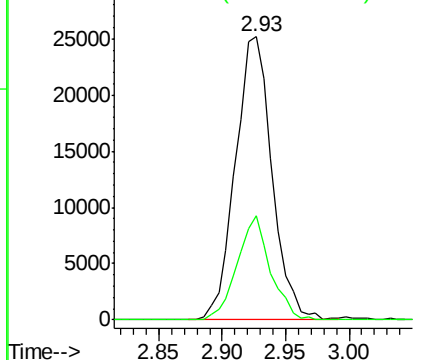
64 100

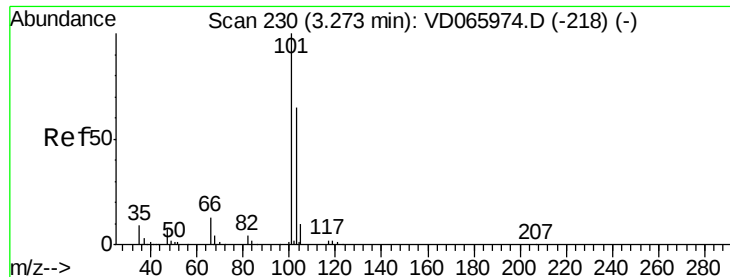
66 36.7 23.4 35.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



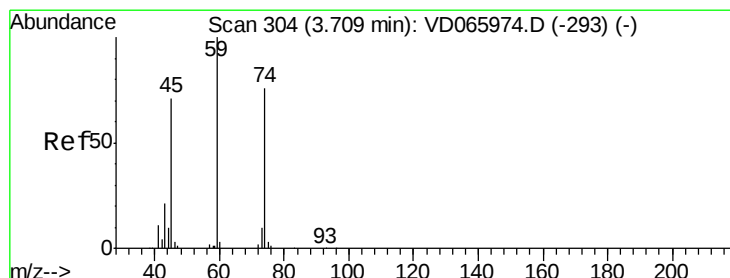
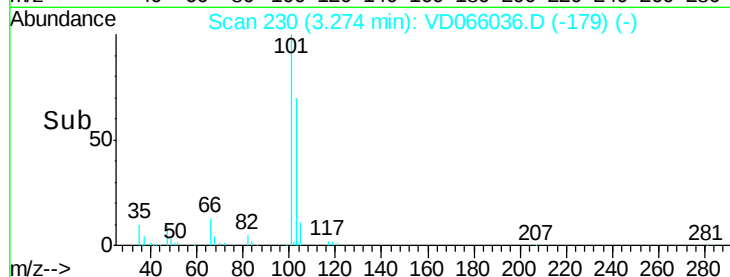
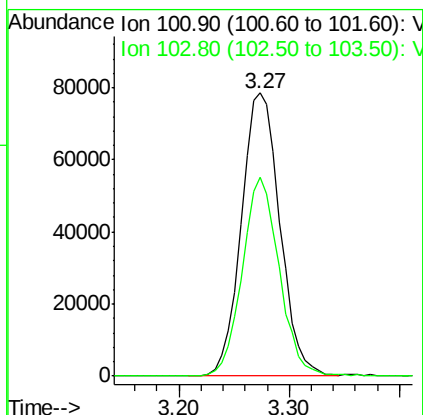
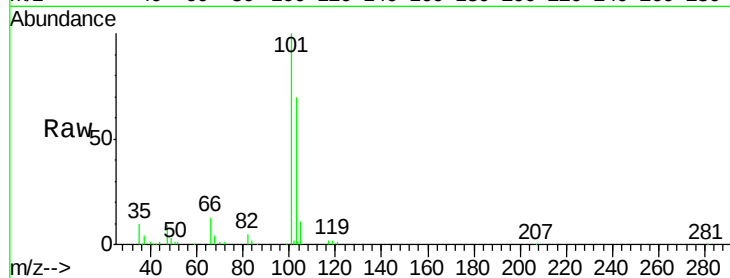


#7

Trichlorofluoromethane
 Concen: 48.091 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

Instrument :
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 VSTDCCC050EC

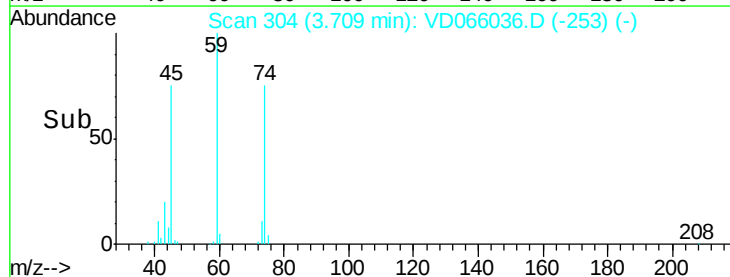
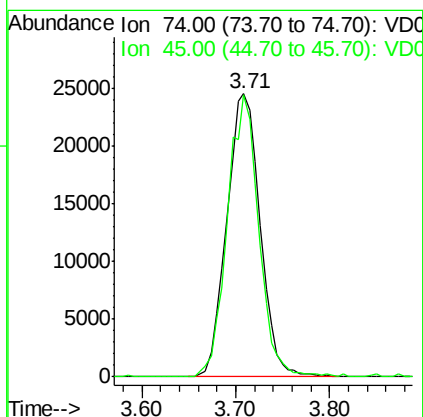
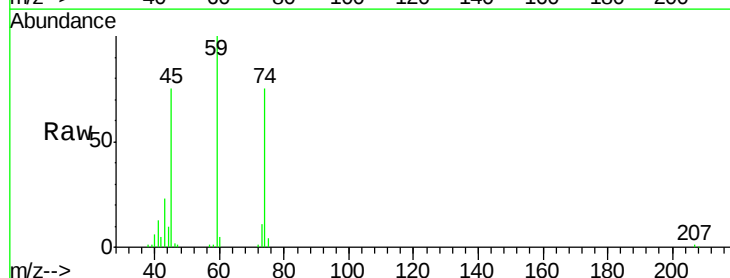
Tot Ion:101 Resp: 192661
 Ion Ratio Lower Upper
 101 100
 103 70.2 52.1 78.1

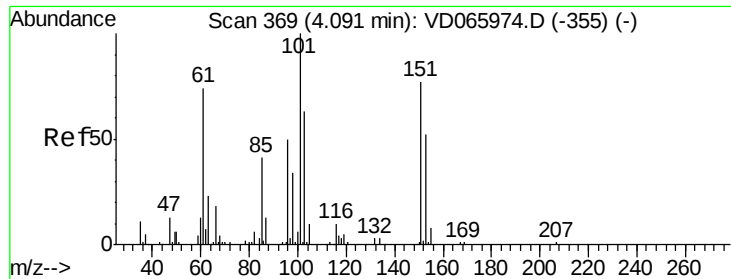


#8

Diethyl Ether
 Concen: 54.663 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

Tgt Ion: 74 Resp: 60531
 Ion Ratio Lower Upper
 74 100
 45 93.7 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.888 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

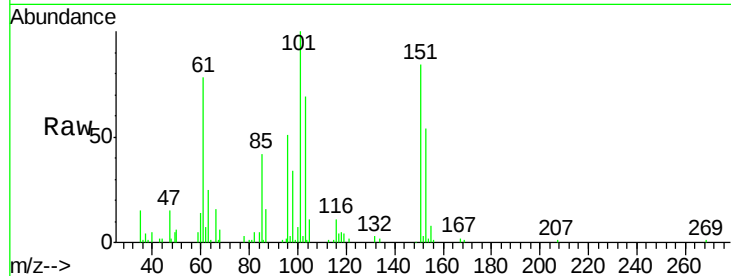
Tot Ion:101 Resp: 115839

Ion Ratio Lower Upper

101 100

85 41.8 33.6 50.4

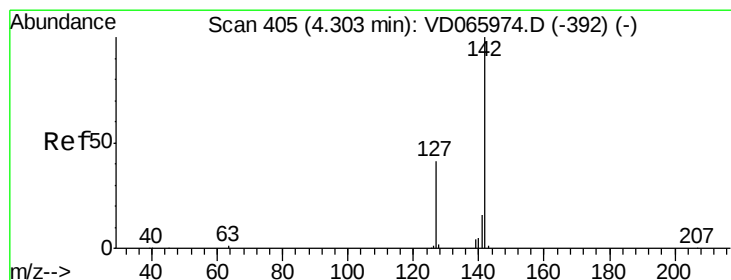
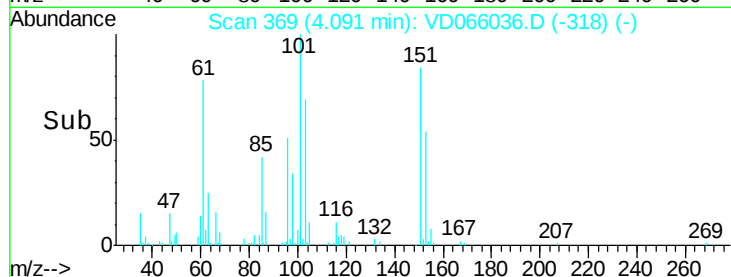
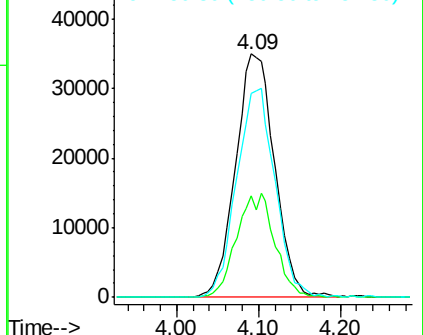
151 84.4 66.6 99.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.639 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

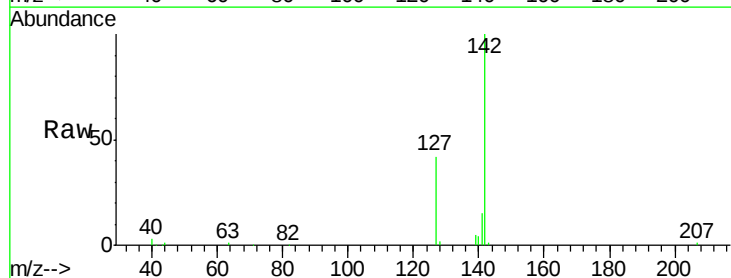
Tgt Ion:142 Resp: 141869

Ion Ratio Lower Upper

142 100

127 42.6 32.9 49.3

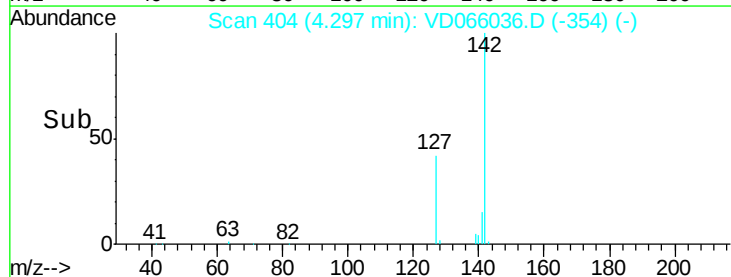
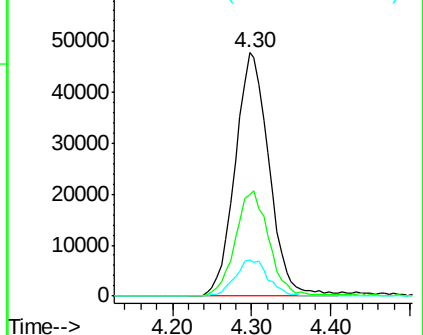
141 14.6 11.8 17.6

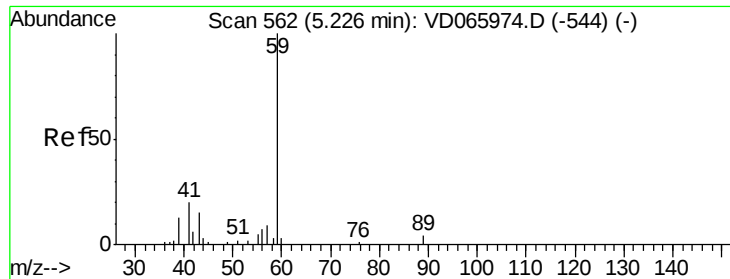


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



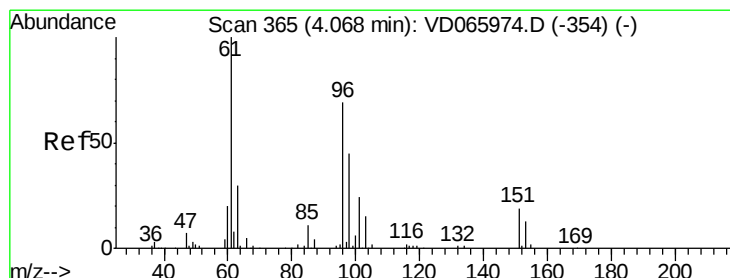
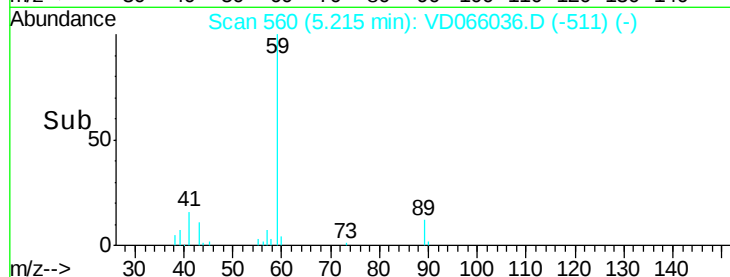
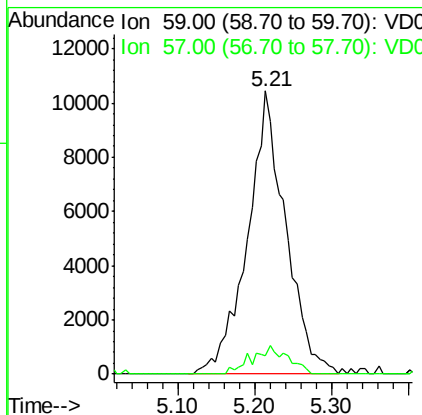
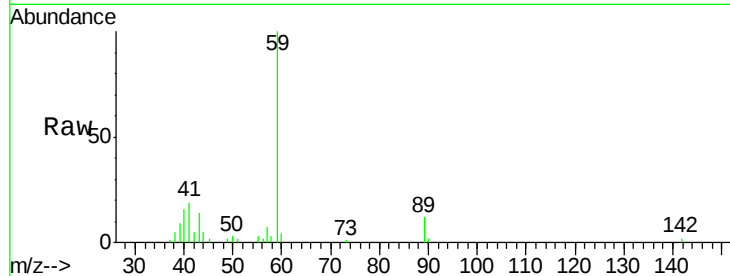


#11

Tert butyl alcohol
Concen: 252.593 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

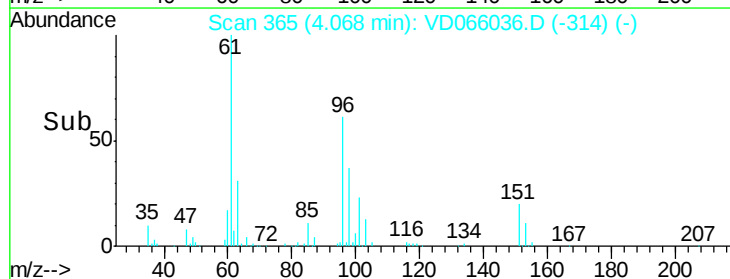
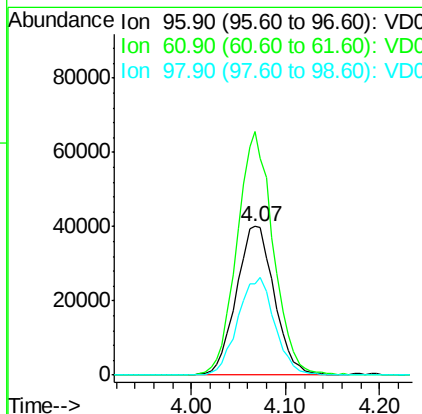
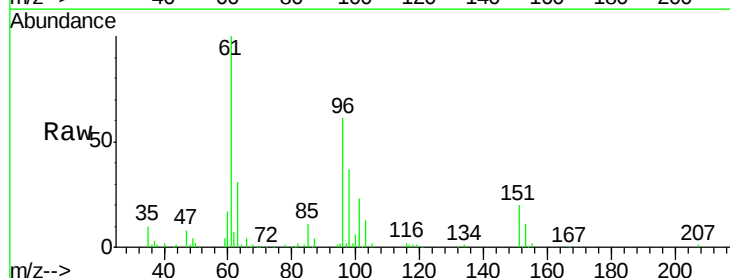
Tot Ion: 59 Resp: 36071
Ion Ratio Lower Upper
59 100
57 9.5 4.5 6.7#

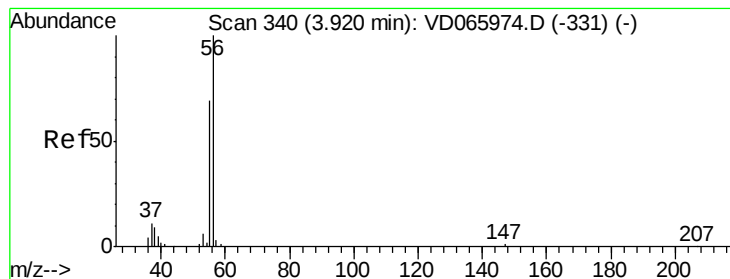


#12

1,1-Dichloroethene
Concen: 48.763 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion: 96 Resp: 112593
Ion Ratio Lower Upper
96 100
61 163.7 115.4 173.0
98 61.0 51.5 77.3





#13

Acrolein

Concen: 242.150 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

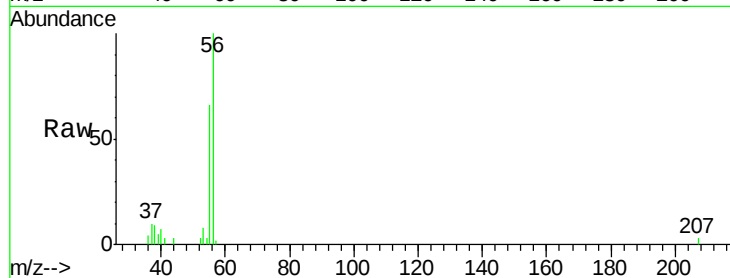
VSTDCCC050EC

Tot Ion: 56 Resp: 46360

Ion Ratio Lower Upper

56 100

55 71.5 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

20000

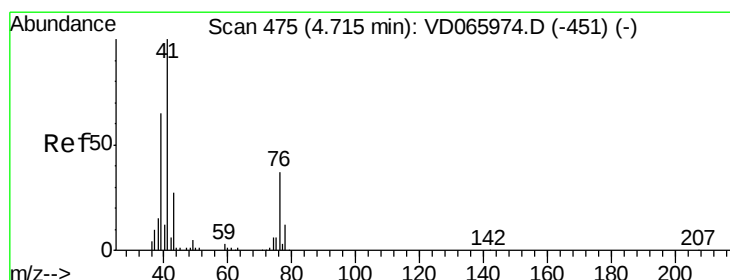
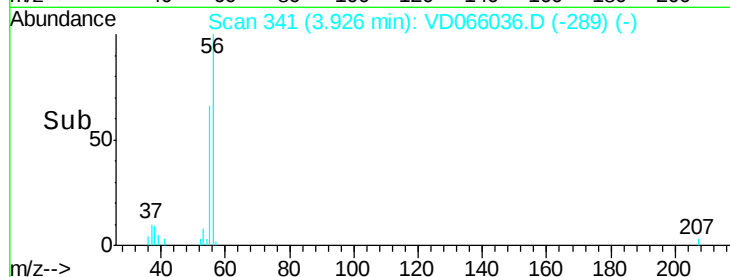
15000

10000

5000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 51.392 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

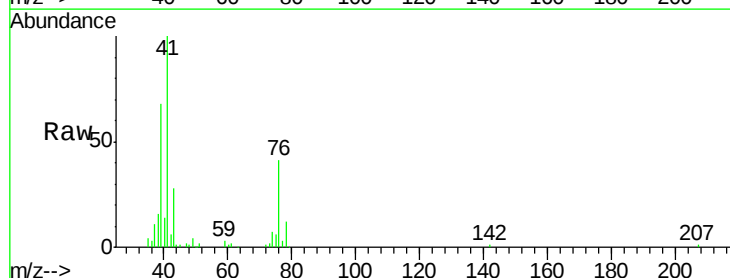
Tgt Ion: 41 Resp: 185494

Ion Ratio Lower Upper

41 100

39 72.1 53.4 80.2

76 39.4 29.1 43.7



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

80000

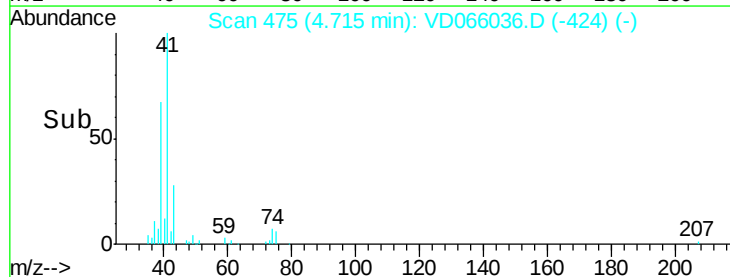
60000

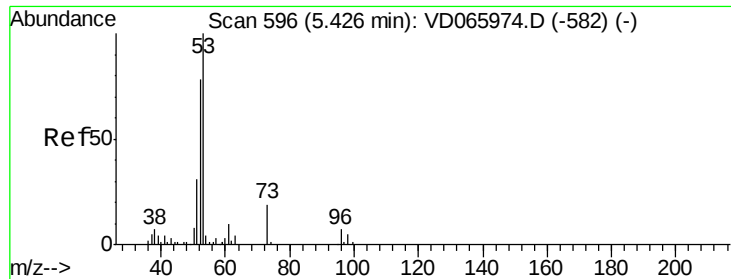
40000

20000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 274.918 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

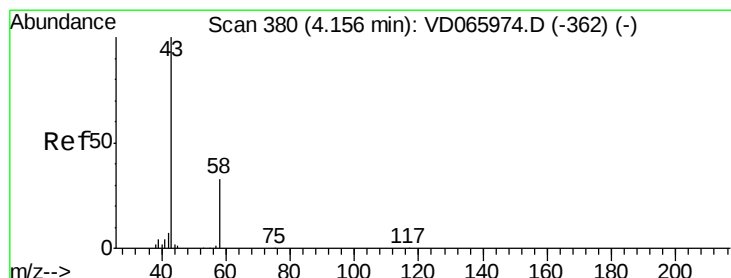
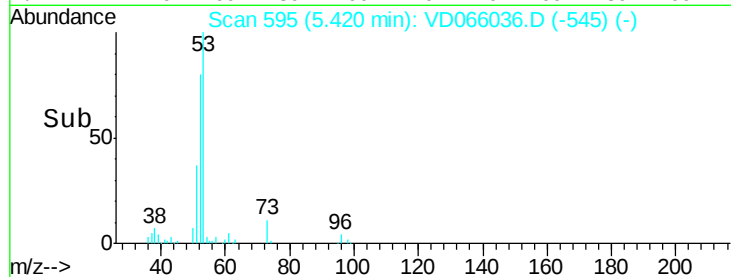
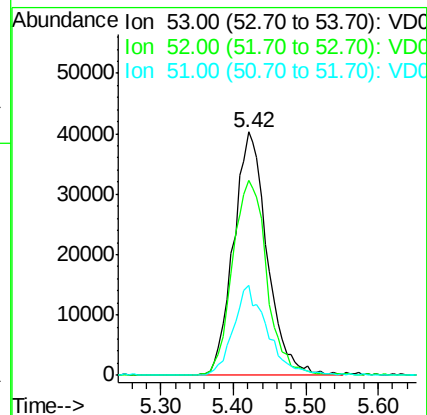
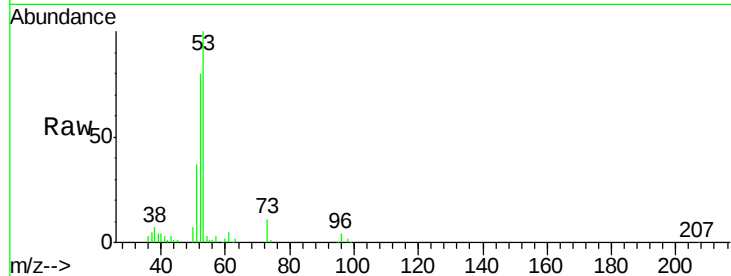
Tot Ion: 53 Resp: 130058

Ion Ratio Lower Upper

53 100

52 81.6 67.1 100.7

51 37.0 28.7 43.1



#16

Acetone

Concen: 216.158 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066036.D

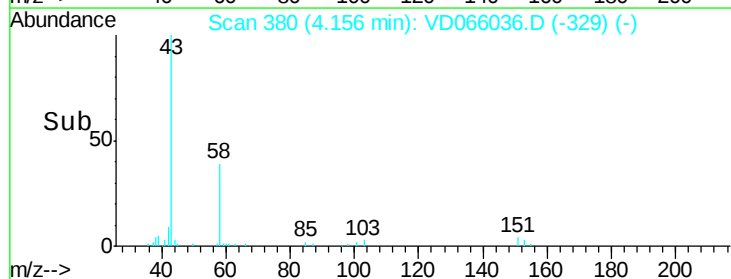
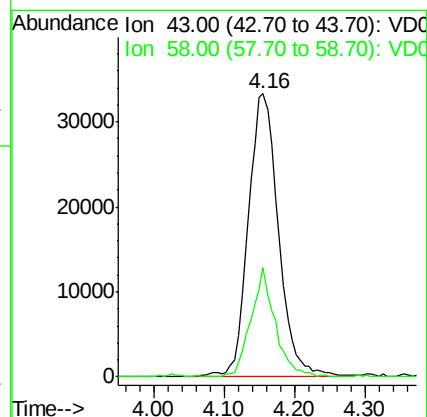
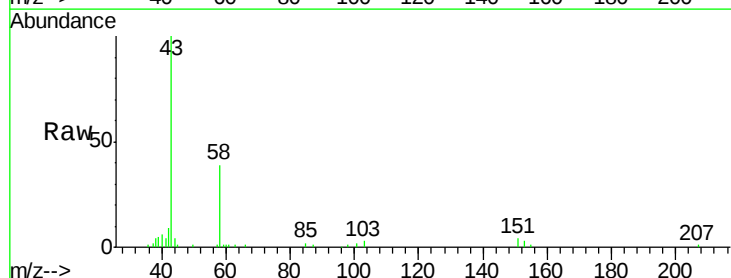
Acq: 23 Jul 2020 20:36

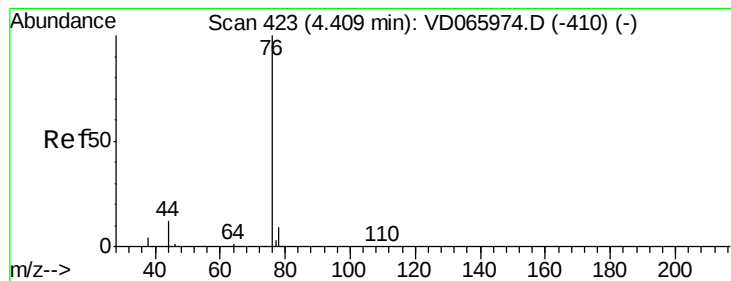
Tgt Ion: 43 Resp: 99424

Ion Ratio Lower Upper

43 100

58 38.8 26.3 39.5





#17

Carbon Disulfide

Concen: 47.124 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

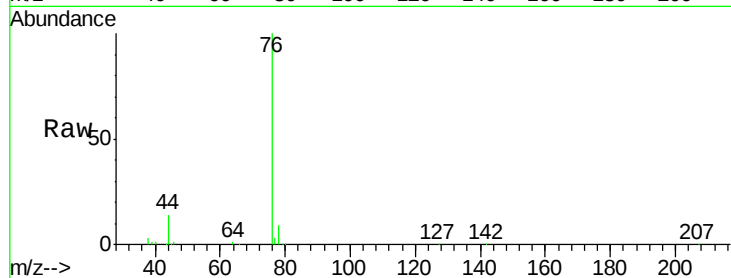
VSTDCCC050EC

Tot Ion: 76 Resp: 352952

Ion Ratio Lower Upper

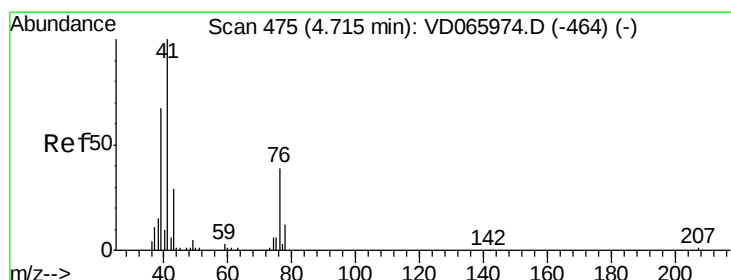
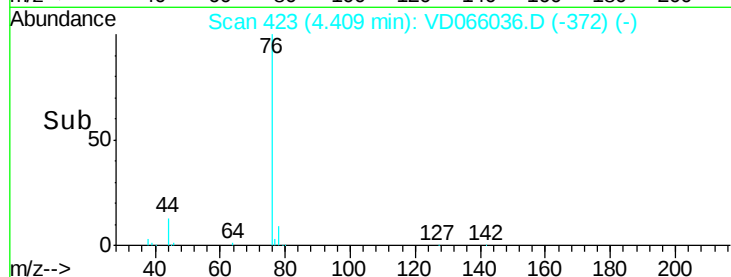
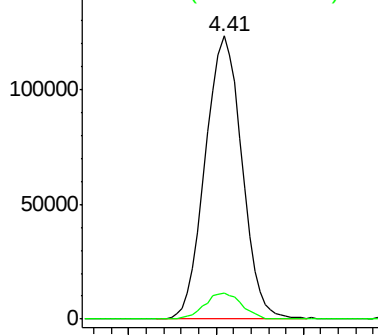
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 49.027 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066036.D

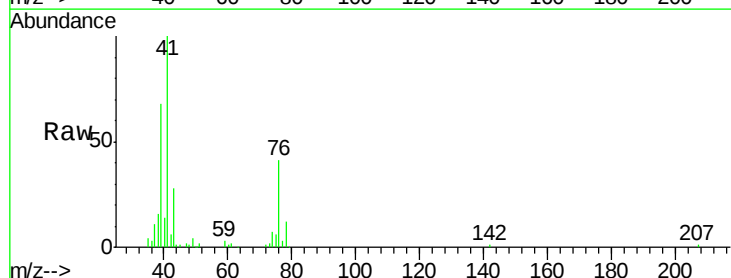
Acq: 23 Jul 2020 20:36

Tgt Ion: 43 Resp: 52459

Ion Ratio Lower Upper

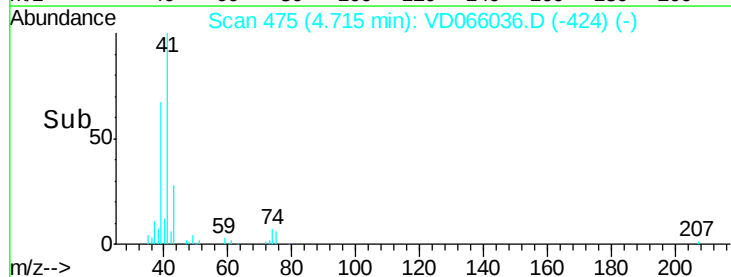
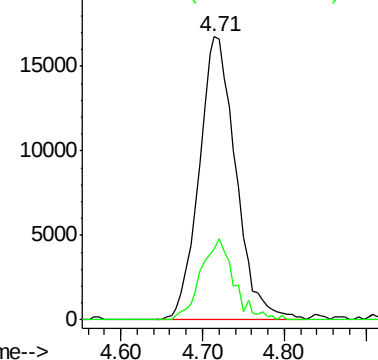
43 100

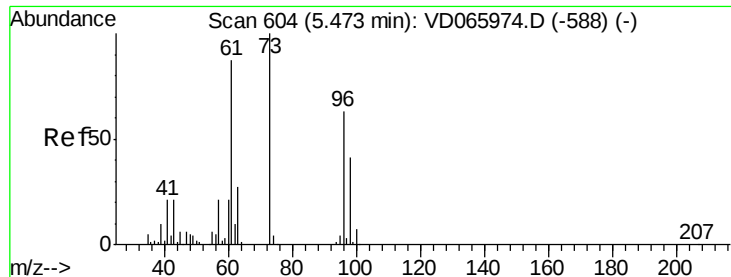
74 25.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

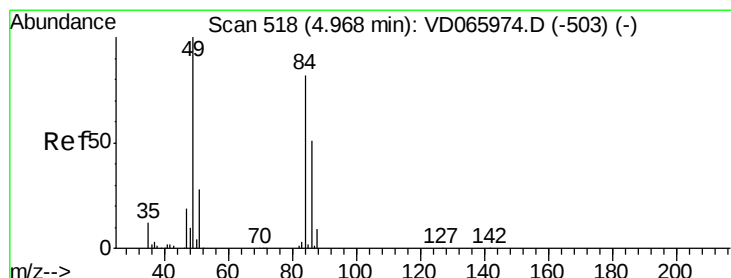
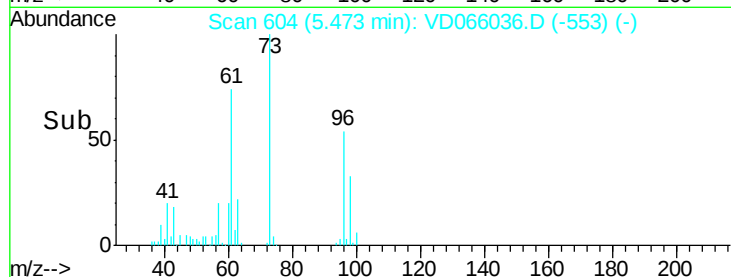
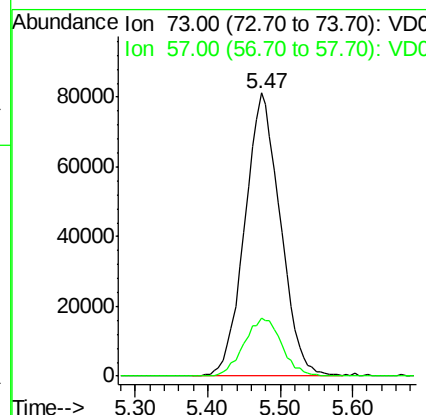
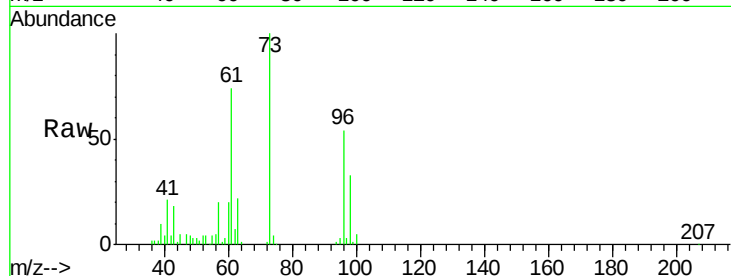




#19
Methyl tert-butyl Ether
Concen: 58.289 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

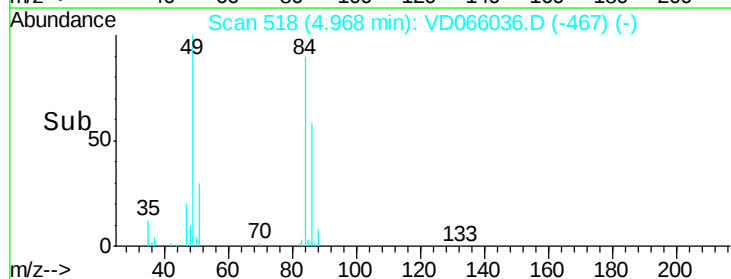
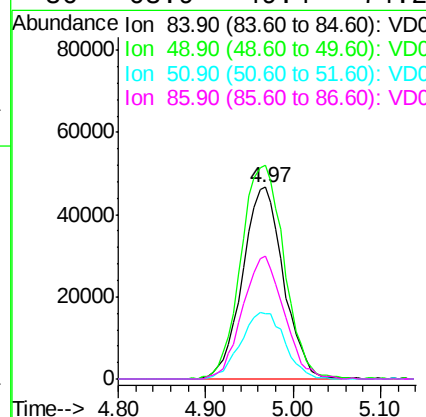
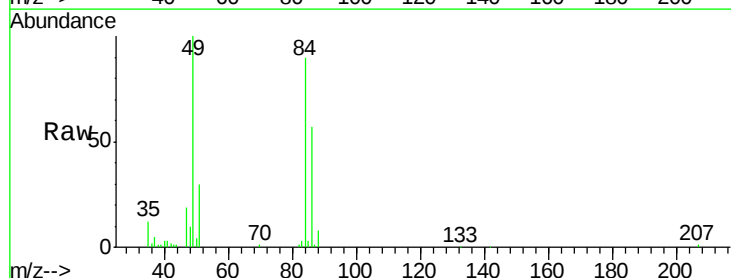
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

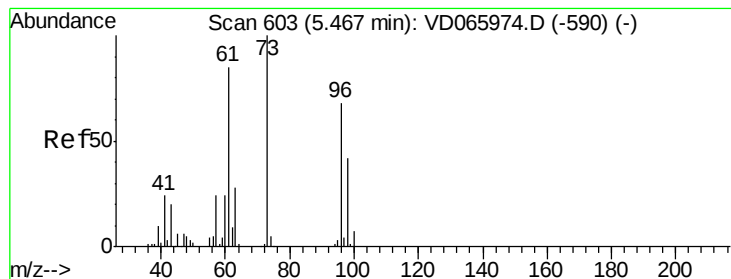
Tot Ion: 73 Resp: 276531
Ion Ratio Lower Upper
73 100
57 20.3 17.0 25.4



#20
Methylene Chloride
Concen: 58.939 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion: 84 Resp: 148551
Ion Ratio Lower Upper
84 100
49 110.9 97.7 146.5
51 33.8 27.4 41.2
86 63.9 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 52.320 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

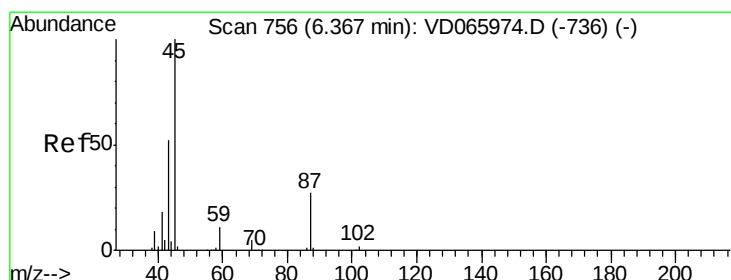
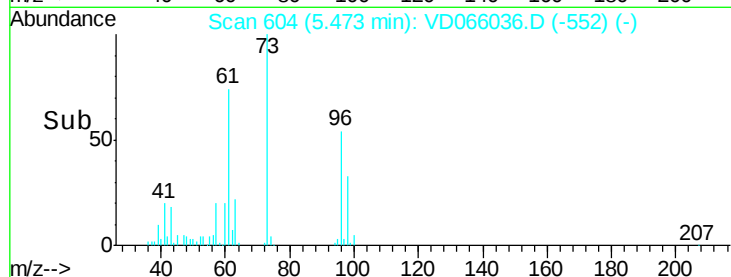
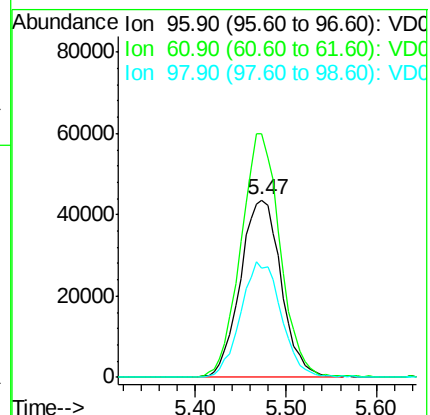
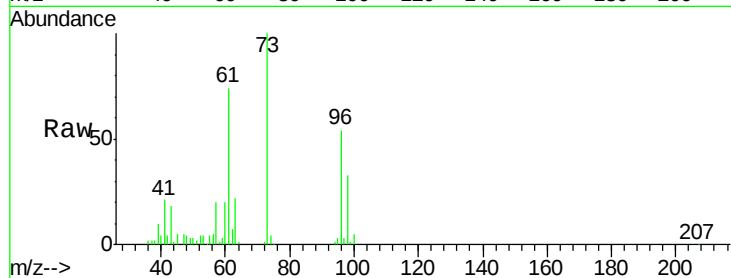
Tot Ion: 96 Resp: 136535

Ion Ratio Lower Upper

96 100

61 137.0 100.5 150.7

98 61.8 49.7 74.5



#22

Diisopropyl ether

Concen: 56.237 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Tgt Ion: 45 Resp: 385626

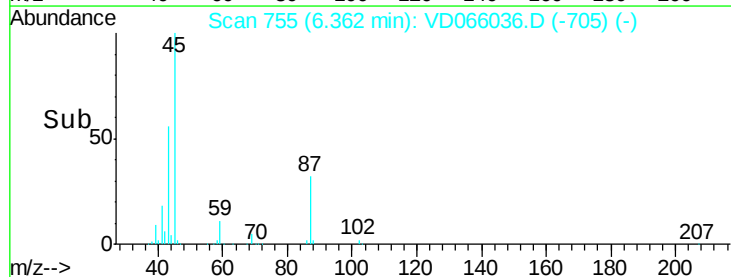
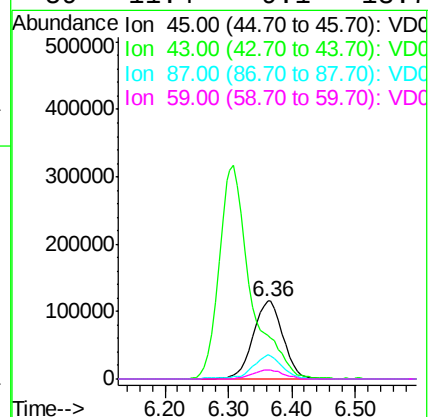
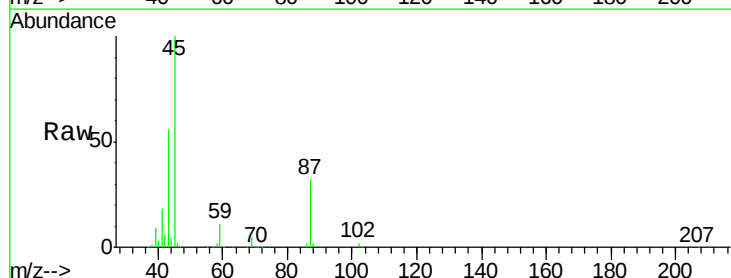
Ion Ratio Lower Upper

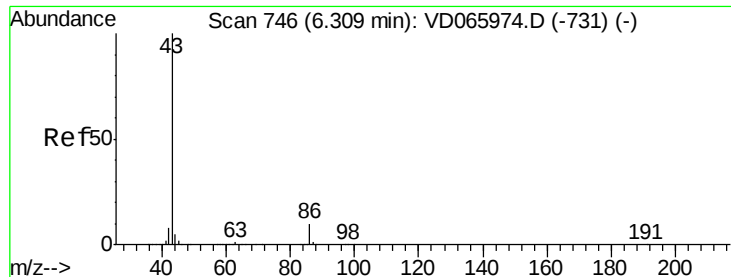
45 100

43 55.2 43.0 64.4

87 31.4 22.0 33.0

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 285.544 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

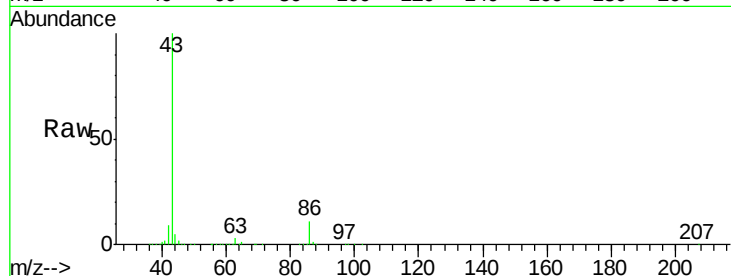
VSTDCCC050EC

Tot Ion: 43 Resp: 1104268

Ion Ratio Lower Upper

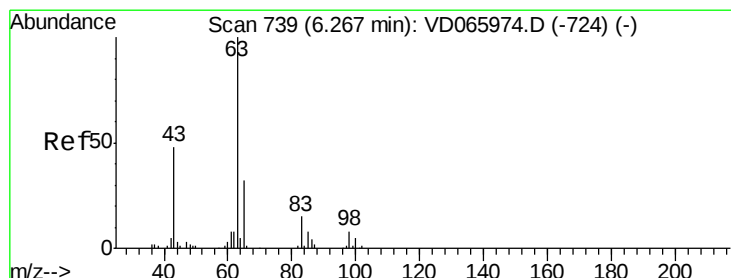
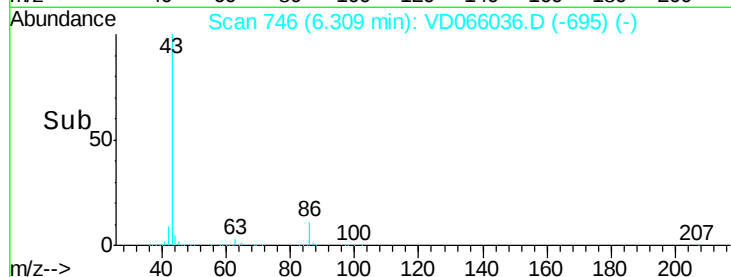
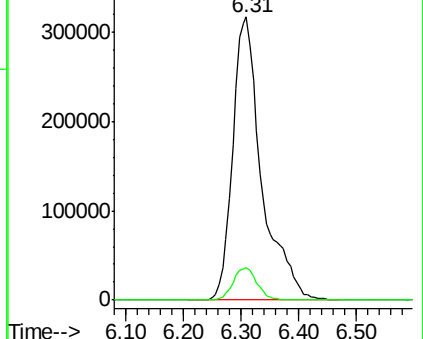
43 100

86 11.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 55.738 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

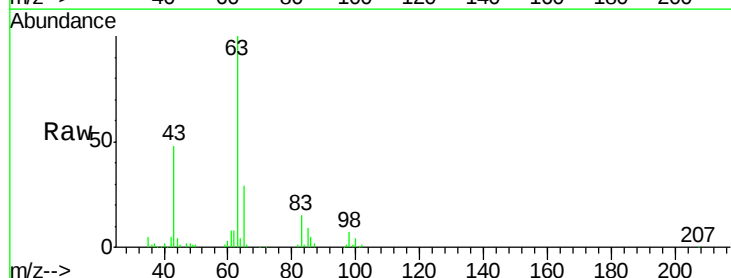
Tgt Ion: 63 Resp: 231583

Ion Ratio Lower Upper

63 100

98 7.1 4.3 12.8

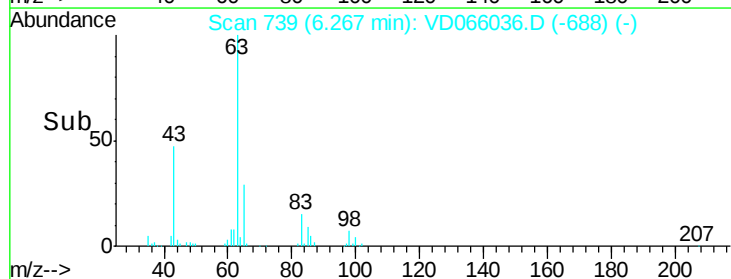
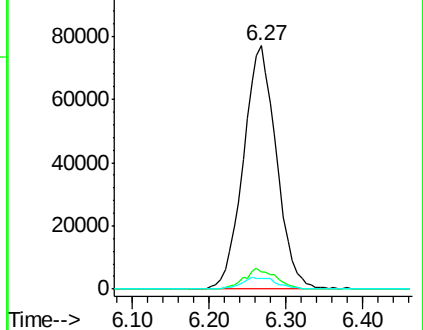
100 4.3 2.5 7.5

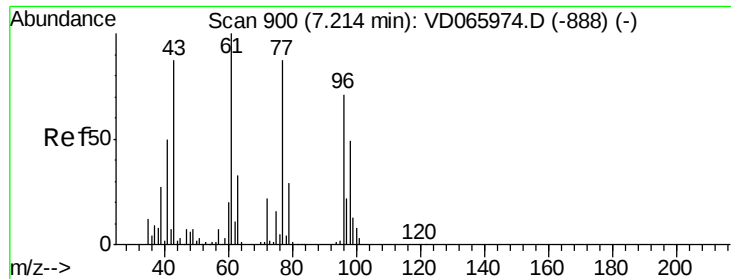


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 252.908 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

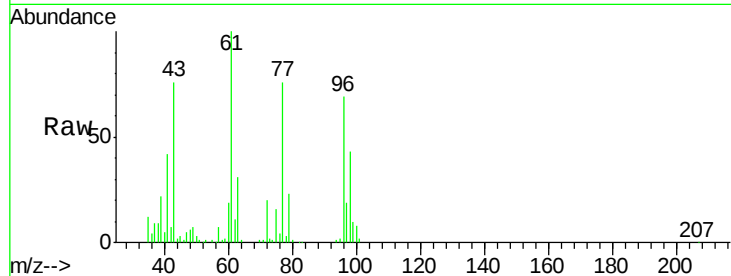
VSTDCCC050EC

Tot Ion: 43 Resp: 154357

Ion Ratio Lower Upper

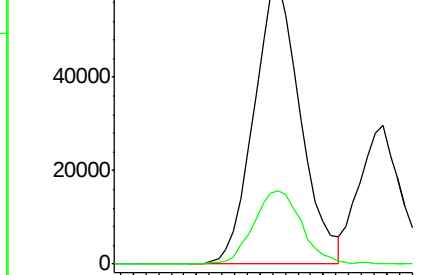
43 100

72 25.9 20.2 30.2

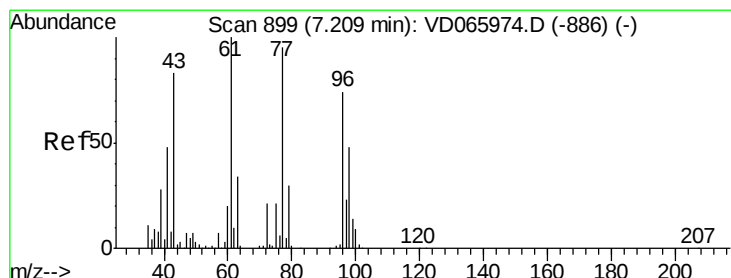
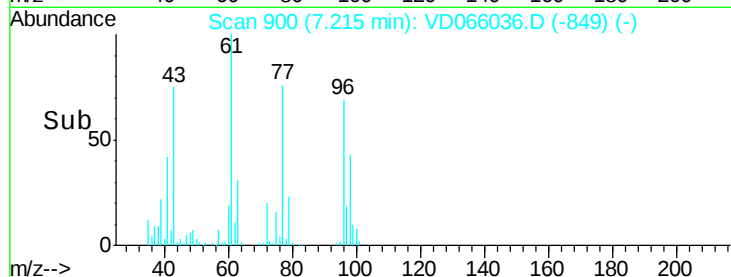


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#26

2,2-Dichloropropane

Concen: 50.103 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066036.D

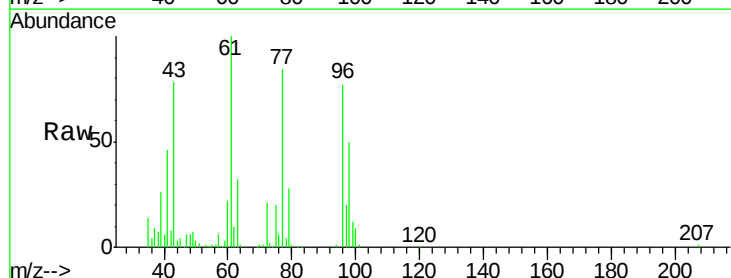
Acq: 23 Jul 2020 20:36

Tgt Ion: 77 Resp: 187198

Ion Ratio Lower Upper

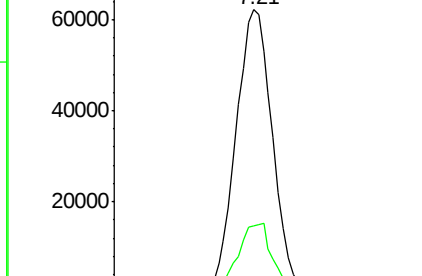
77 100

97 23.4 11.6 34.7

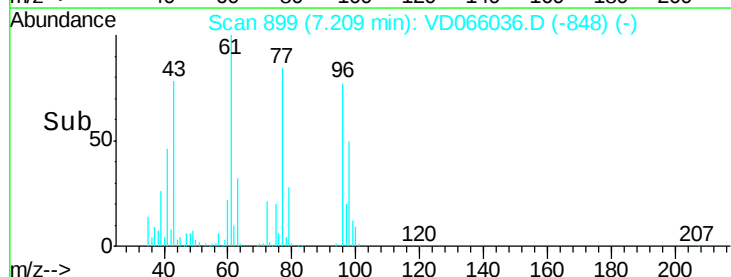


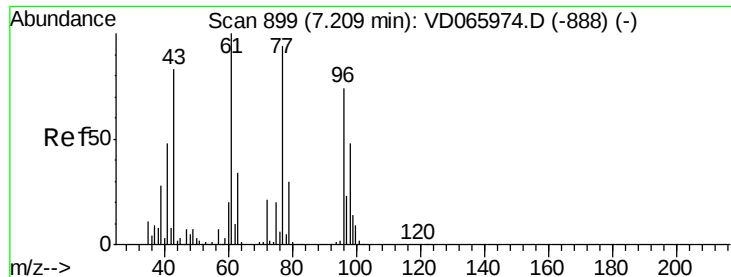
Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



Time-->



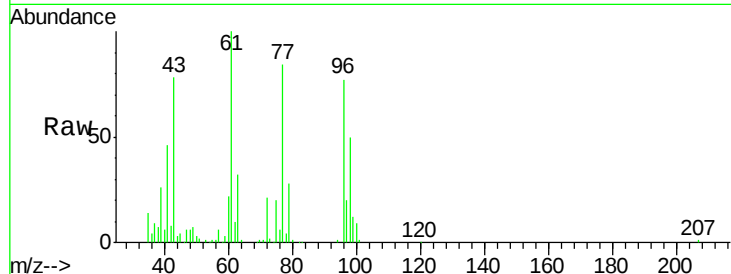


#27

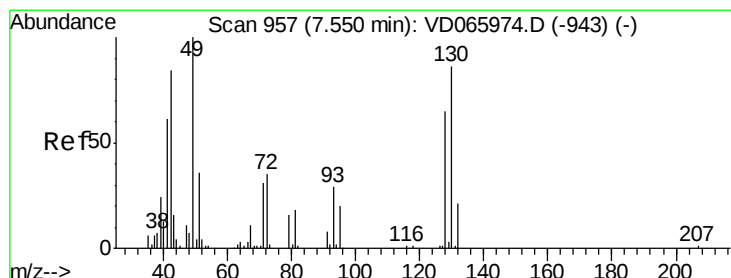
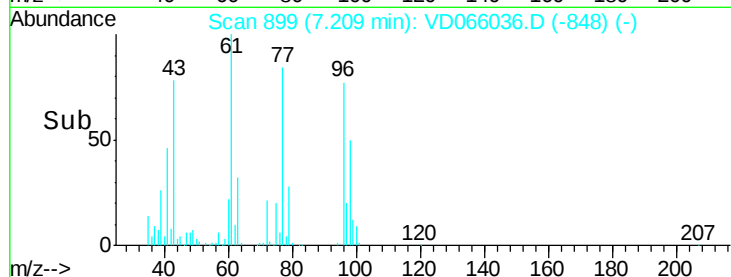
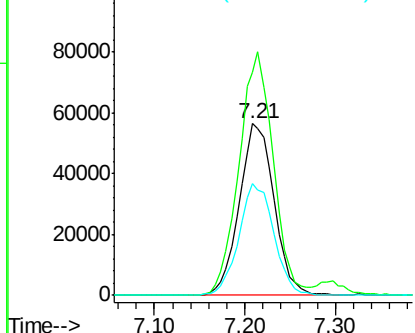
cis-1,2-Dichloroethene
Concen: 54.635 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 150960
Ion Ratio Lower Upper
96 100
61 139.1 0.0 276.6
98 65.6 0.0 130.8



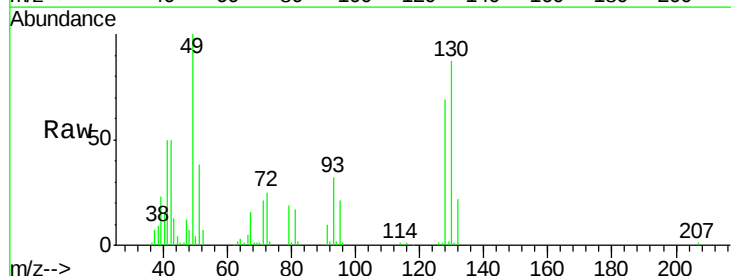
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



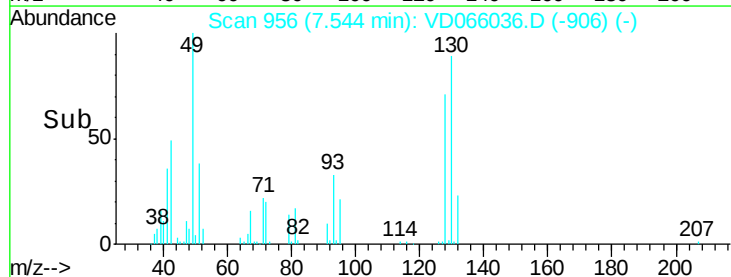
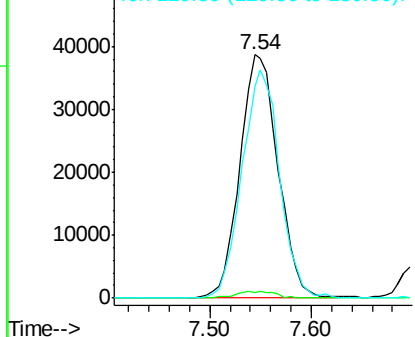
#28

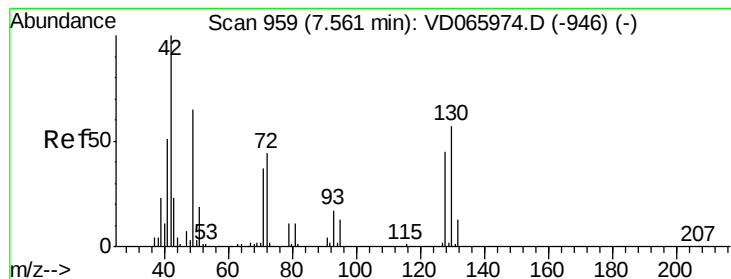
Bromochloromethane
Concen: 57.235 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion: 49 Resp: 100931
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.8
130 92.3 68.4 102.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 266.879 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

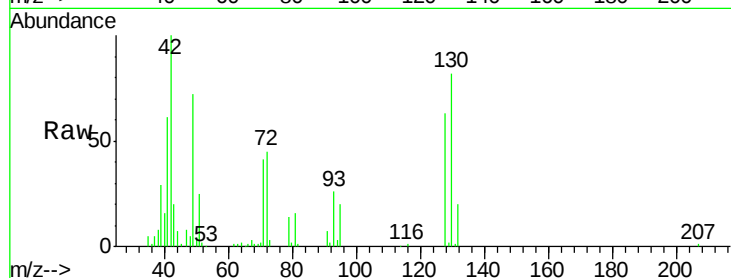
Tot Ion: 42 Resp: 100500

Ion Ratio Lower Upper

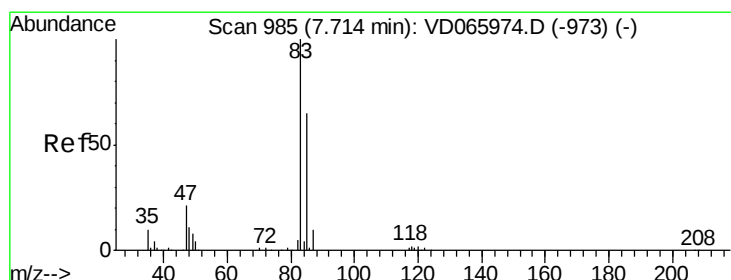
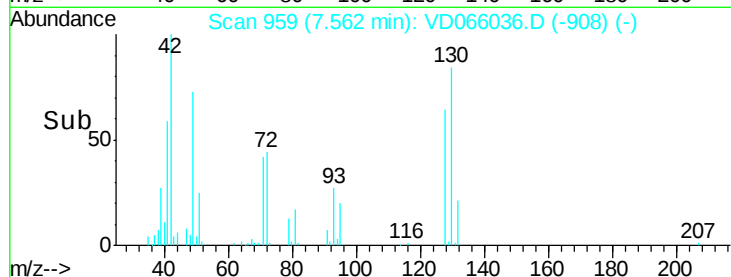
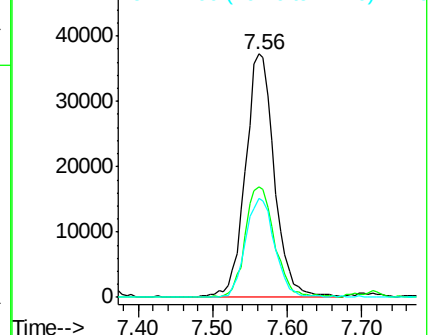
42 100

72 45.7 34.2 51.2

71 40.5 31.4 47.2



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 57.304 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD066036.D

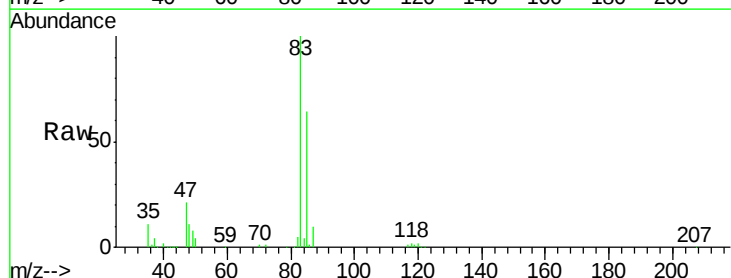
Acq: 23 Jul 2020 20:36

Tgt Ion: 83 Resp: 249048

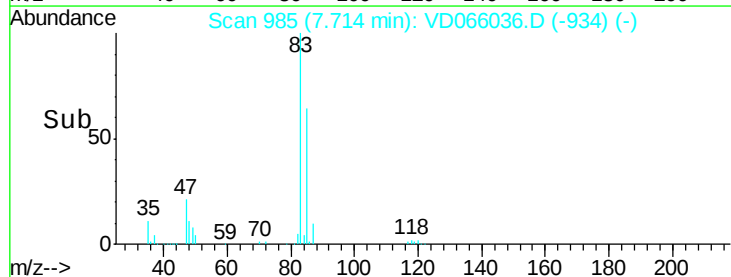
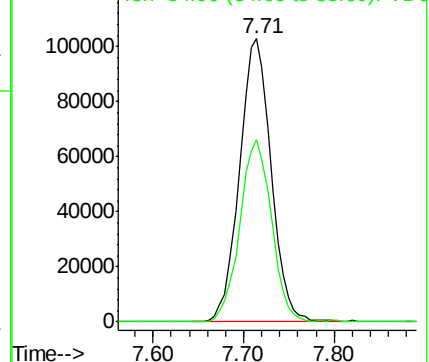
Ion Ratio Lower Upper

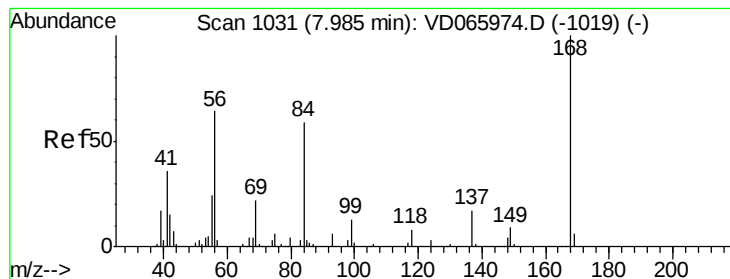
83 100

85 64.3 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 44.758 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

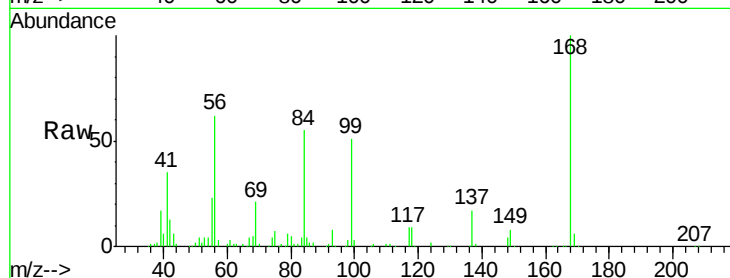
Tot Ion: 56 Resp: 182952

Ion Ratio Lower Upper

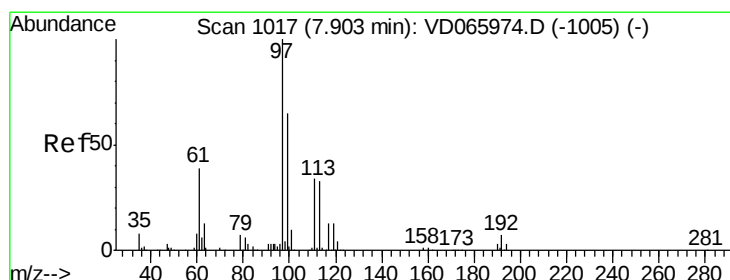
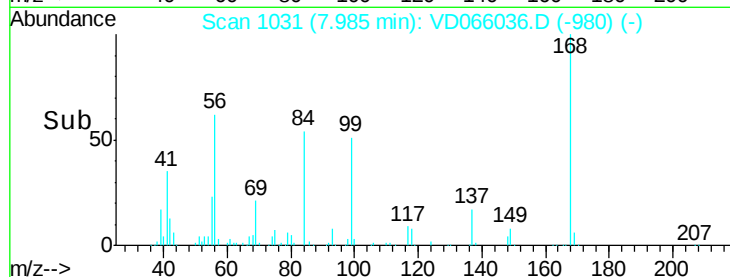
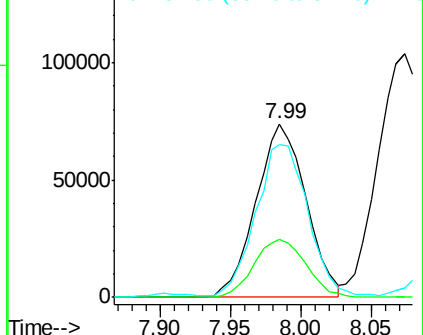
56 100

69 33.3 28.0 42.0

84 86.8 72.6 109.0



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 54.587 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

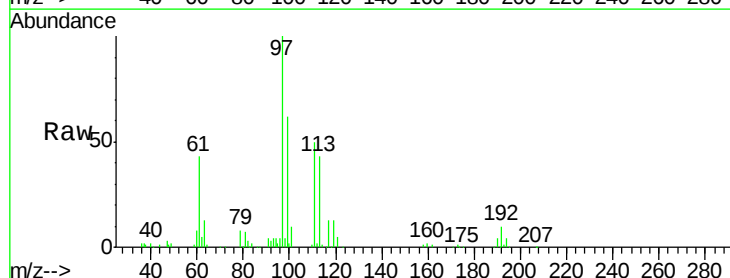
Tgt Ion: 97 Resp: 219450

Ion Ratio Lower Upper

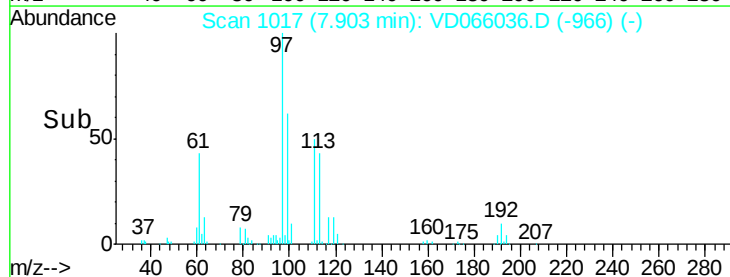
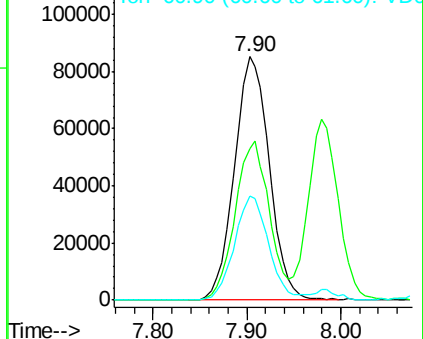
97 100

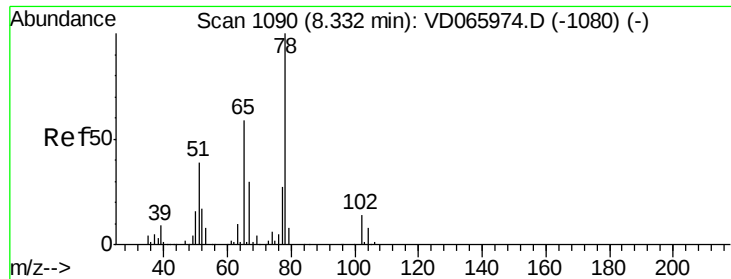
99 64.0 51.8 77.6

61 41.6 33.3 49.9



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 61.446 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

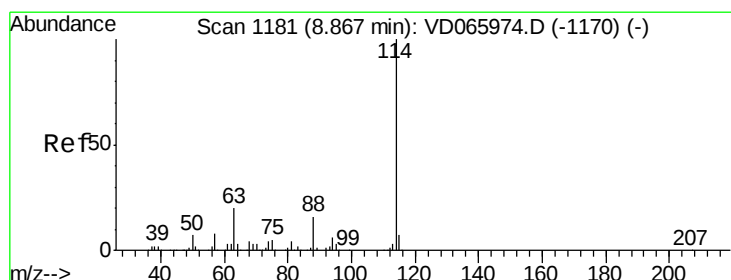
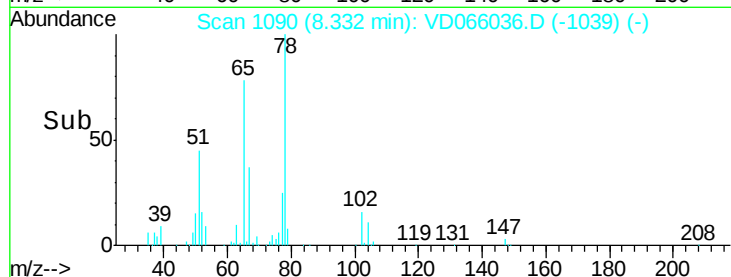
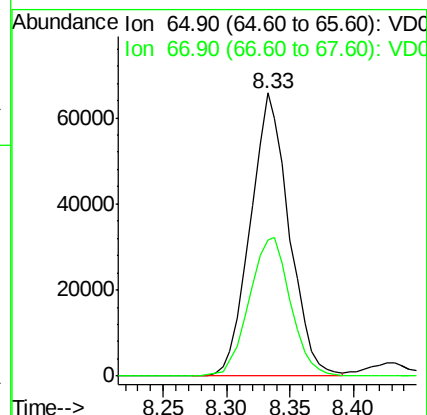
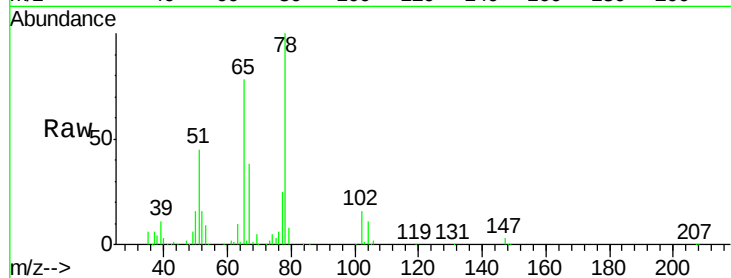
VSTDCCC050EC

Tot Ion: 65 Resp: 139629

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

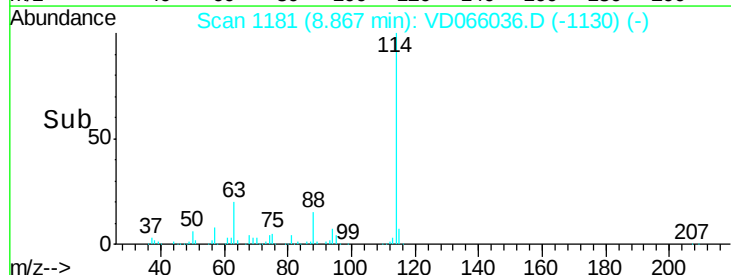
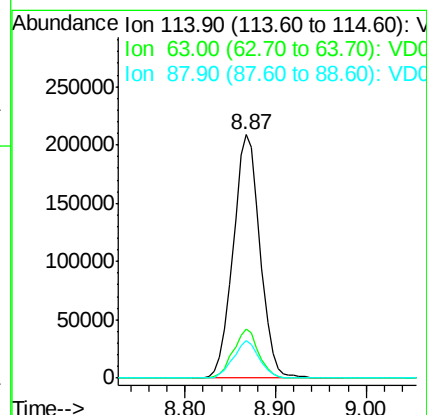
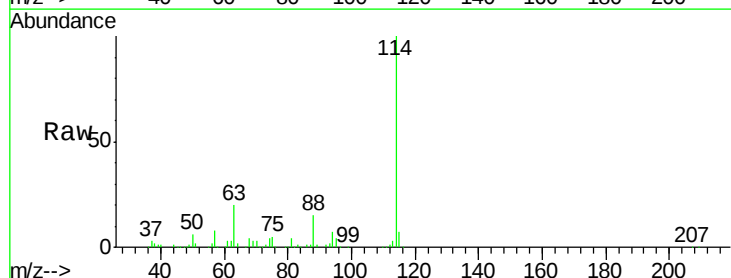
Tgt Ion: 114 Resp: 429119

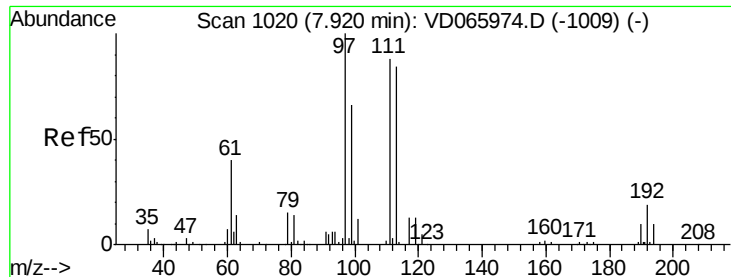
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.2 0.0 31.2

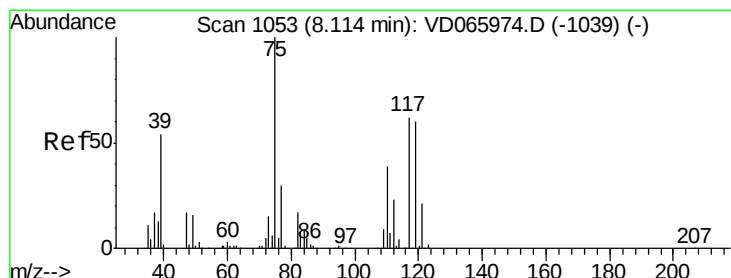
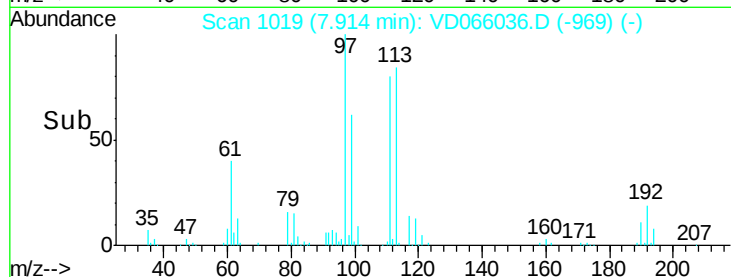
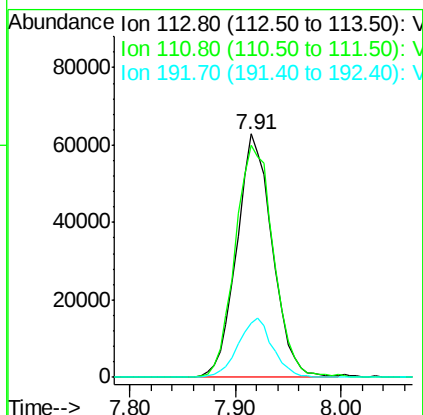
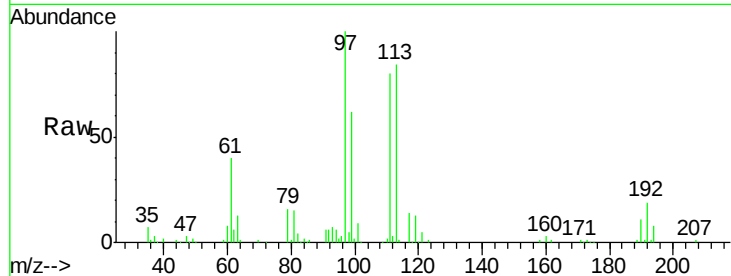




#35
 Dibromofluoromethane
 Concen: 56.397 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

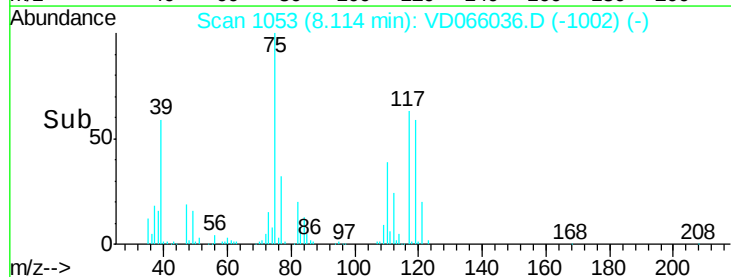
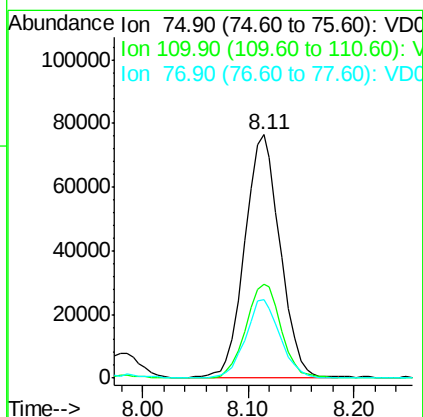
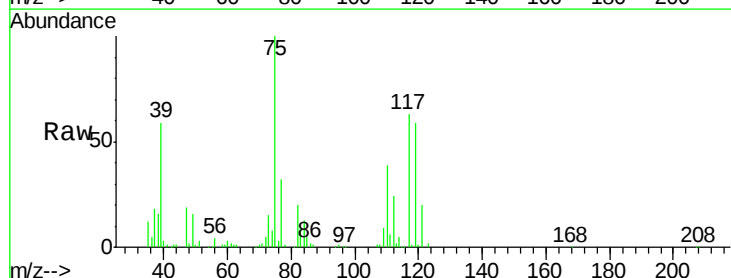
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

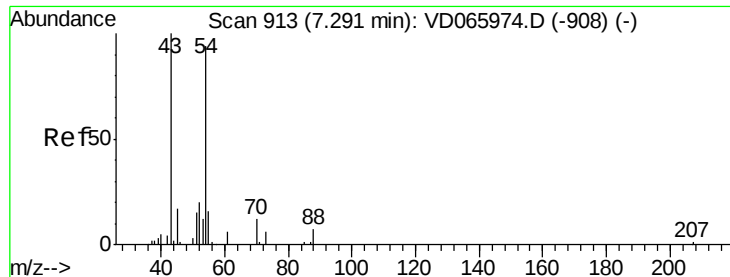
Tot Ion:113 Resp: 146787
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.2 124.8
 192 23.5 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 48.754 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

Tgt Ion: 75 Resp: 178553
 Ion Ratio Lower Upper
 75 100
 110 38.4 19.5 58.5
 77 31.5 24.7 37.1

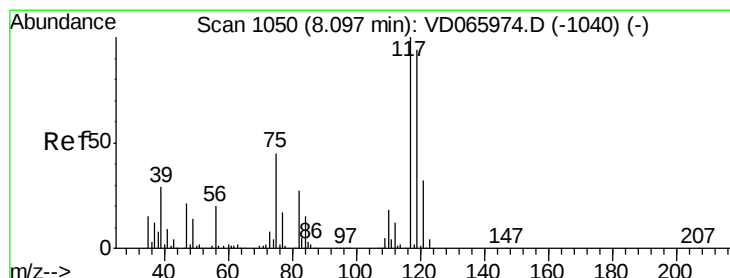
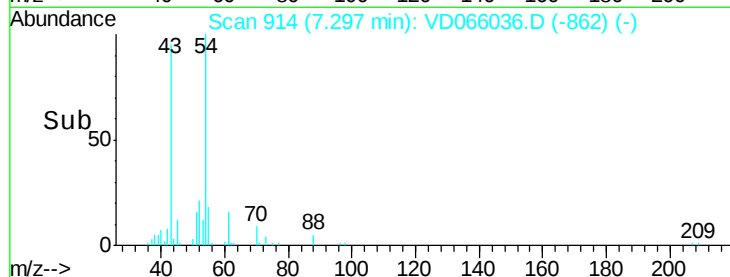
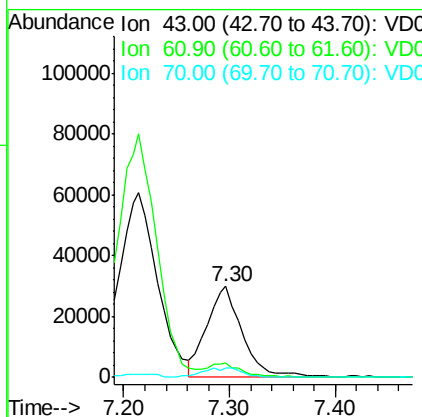
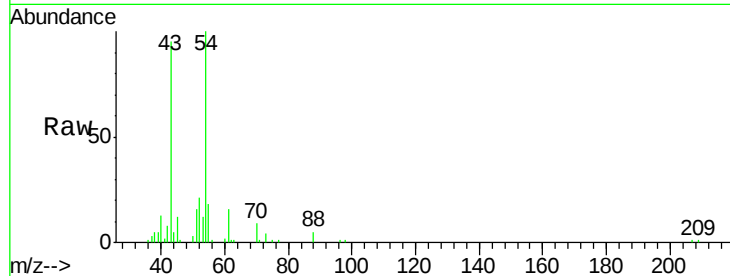




#37
Ethyl Acetate
Concen: 49.667 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

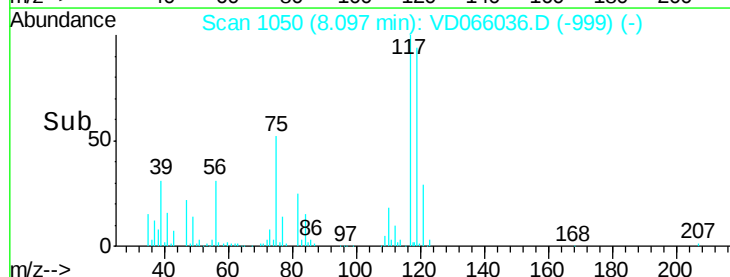
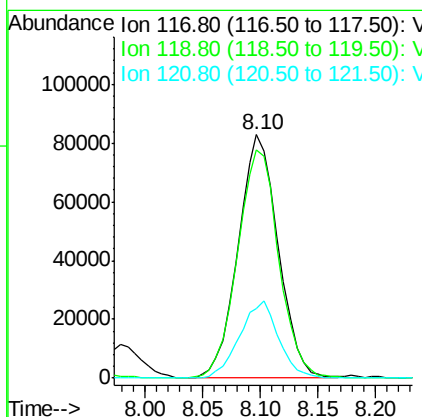
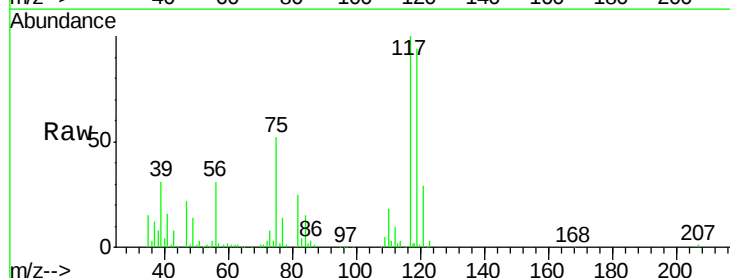
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

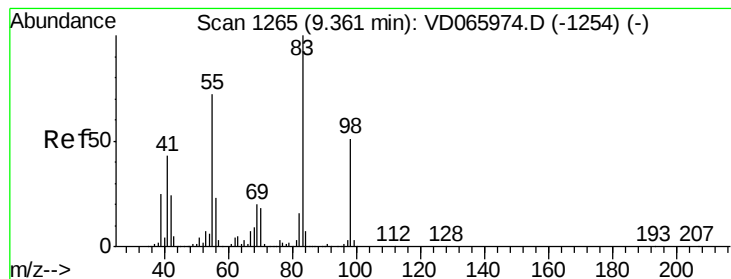
Tot Ion: 43 Resp: 69466
Ion Ratio Lower Upper
43 100
61 13.4 11.4 17.0
70 11.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 50.021 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion: 117 Resp: 198771
Ion Ratio Lower Upper
117 100
119 94.2 75.0 112.6
121 28.8 25.5 38.3





#39

Methvlcvclohexane

Concen: 47.573 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

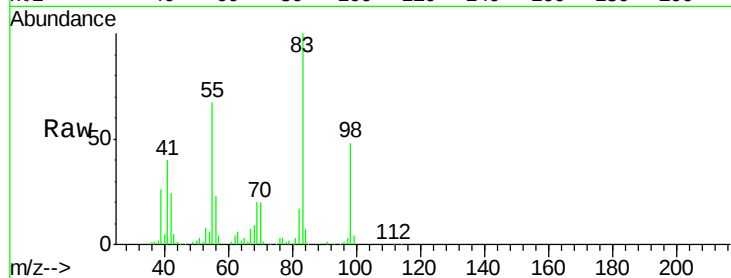
Tot Ion: 83 Resp: 210990

Ion Ratio Lower Upper

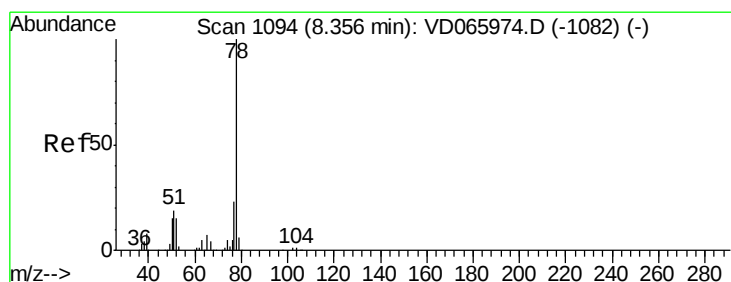
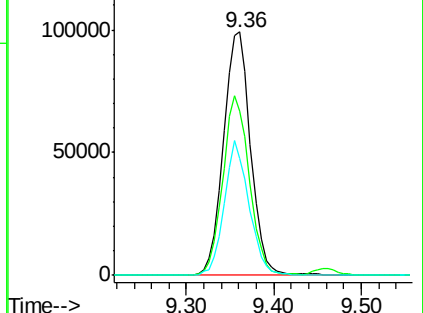
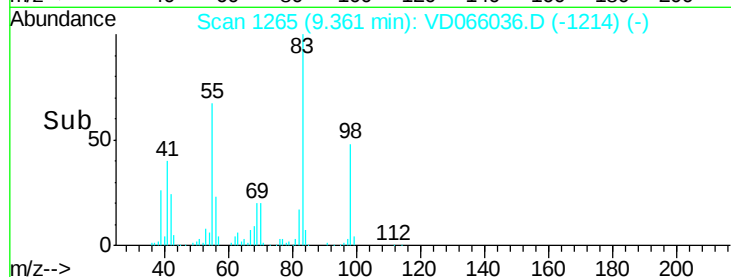
83 100

55 67.4 57.3 85.9

98 47.9 41.0 61.6



Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC



#40

Benzene

Concen: 52.216 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VD066036.D

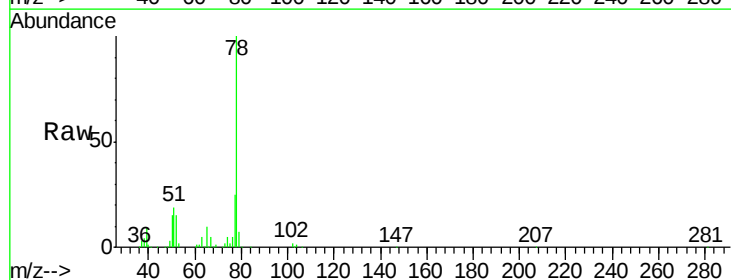
Acq: 23 Jul 2020 20:36

Tgt Ion: 78 Resp: 535000

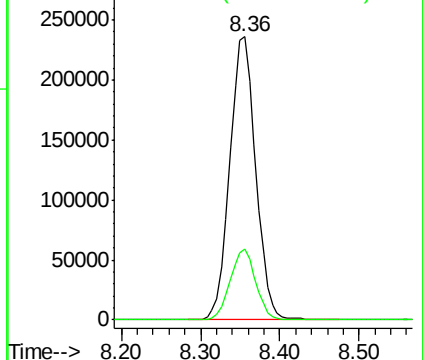
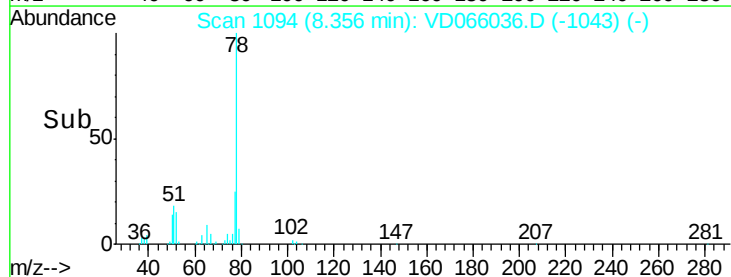
Ion Ratio Lower Upper

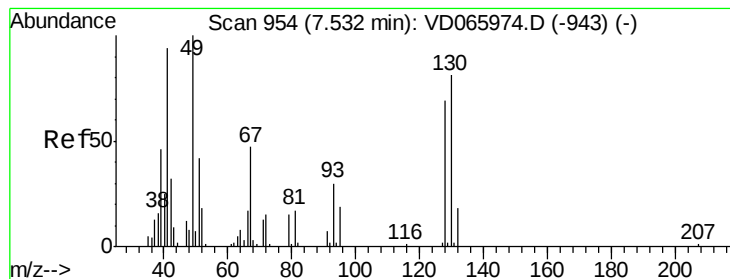
78 100

77 24.9 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 128.009 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.03 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 102564

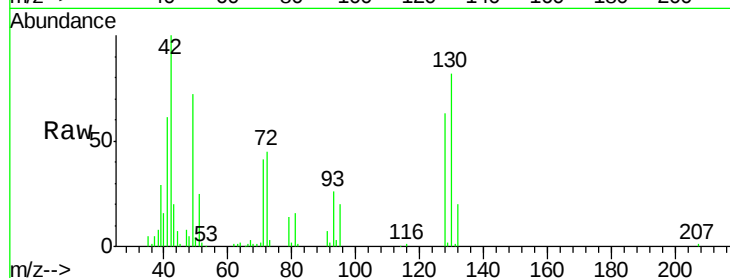
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

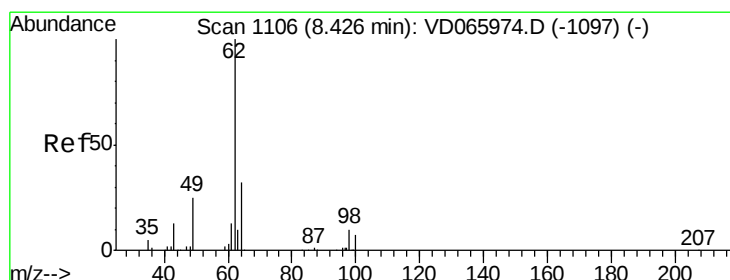
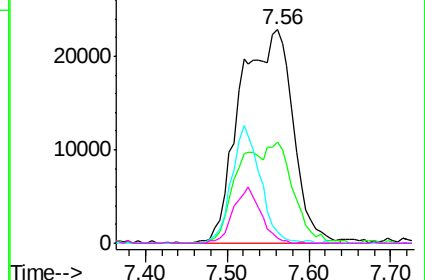
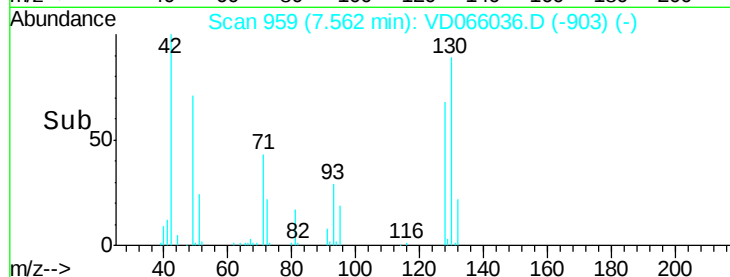


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 55.309 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD066036.D

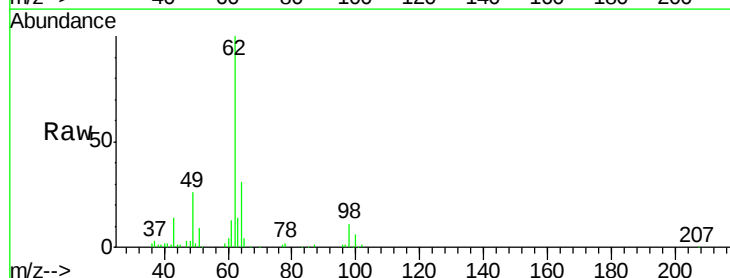
Acq: 23 Jul 2020 20:36

Tgt Ion: 62 Resp: 155288

Ion Ratio Lower Upper

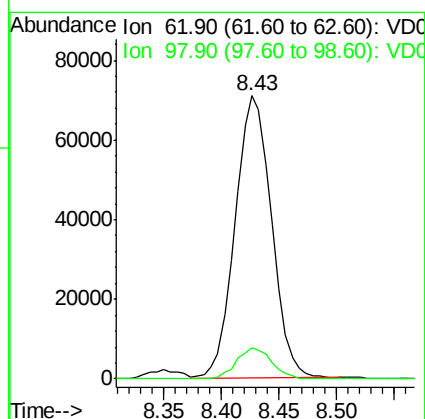
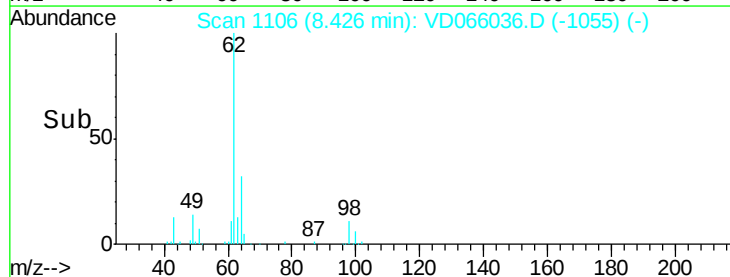
62 100

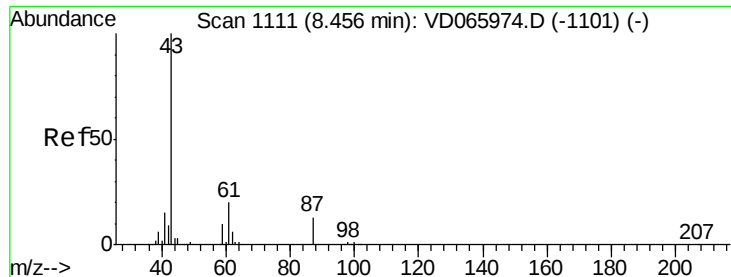
98 10.7 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 51.776 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

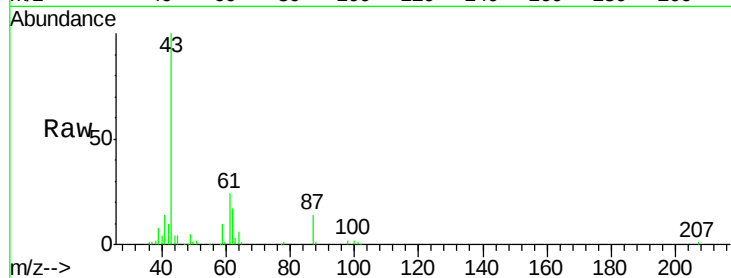
Tot Ion: 43 Resp: 141439

Ion Ratio Lower Upper

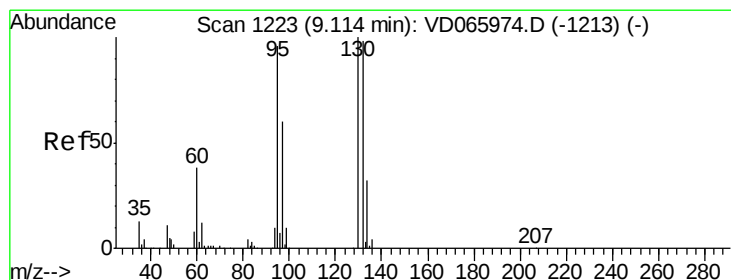
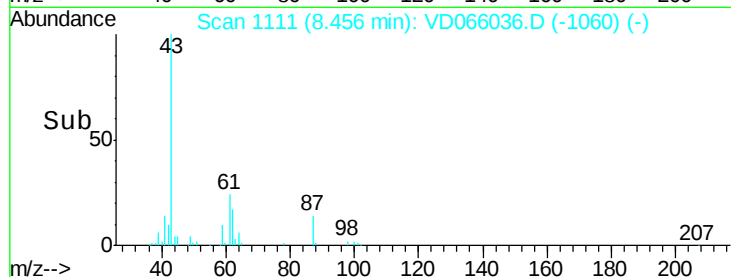
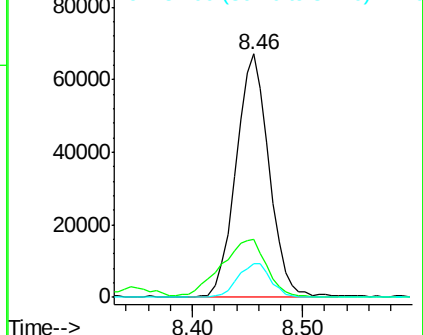
43 100

61 32.4 25.8 38.8

87 13.9 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 52.111 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD066036.D

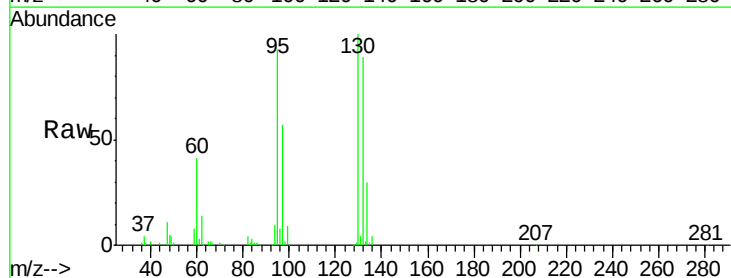
Acq: 23 Jul 2020 20:36

Tgt Ion:130 Resp: 161573

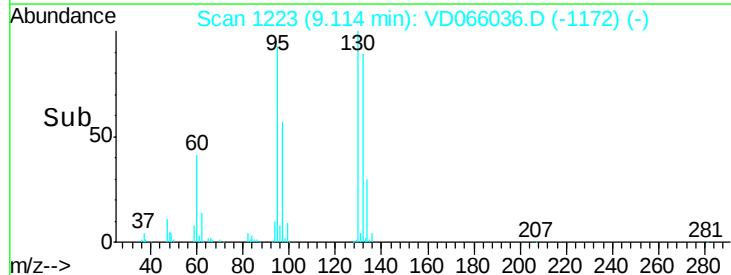
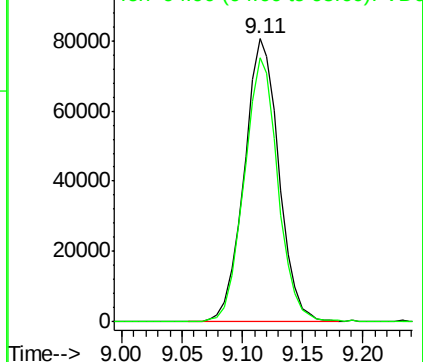
Ion Ratio Lower Upper

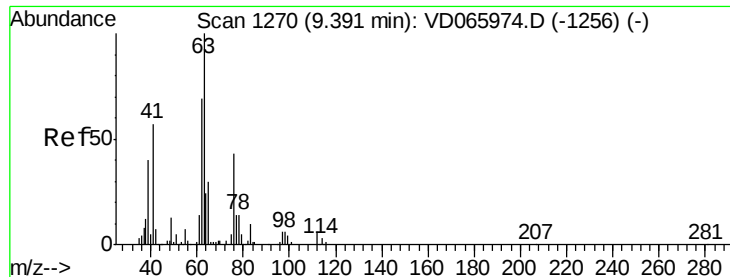
130 100

95 93.2 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 53.408 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

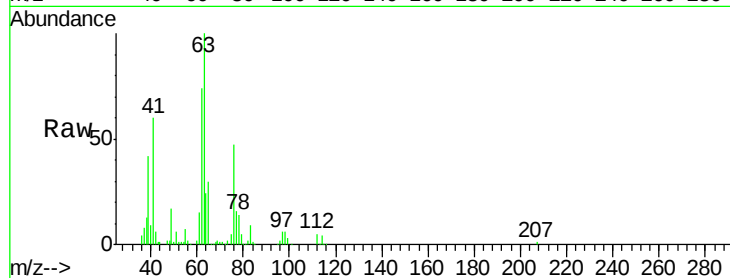
VSTDCCC050EC

Tot Ion: 63 Resp: 132532

Ion Ratio Lower Upper

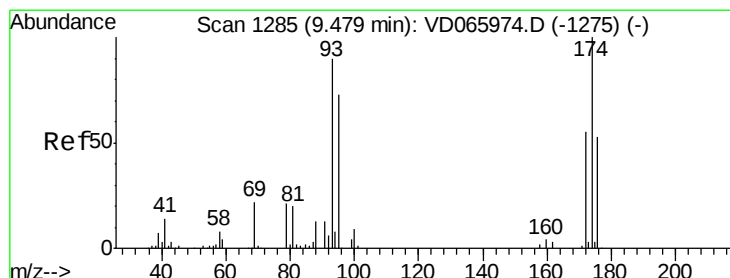
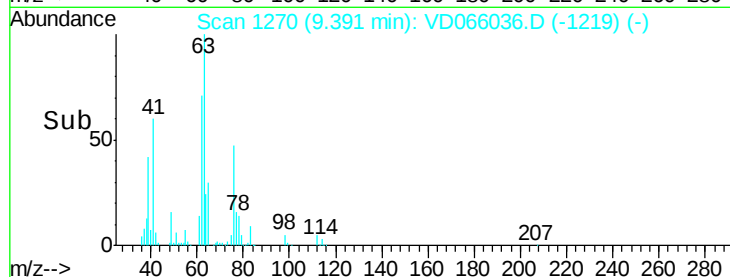
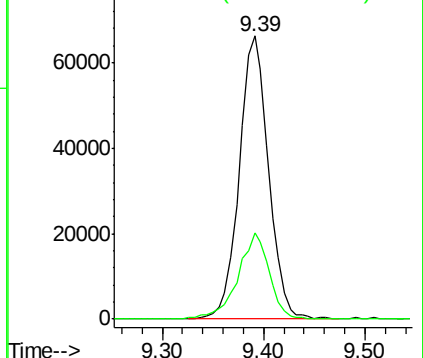
63 100

65 30.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 54.643 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

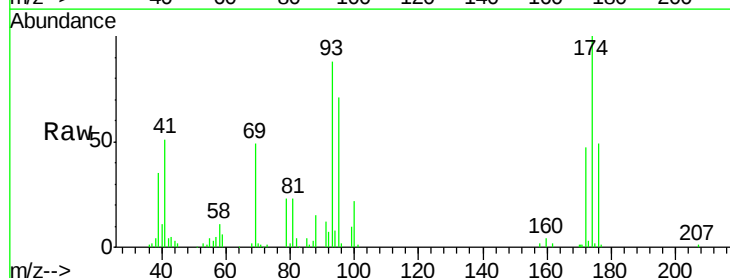
Tgt Ion: 93 Resp: 72995

Ion Ratio Lower Upper

93 100

95 84.9 66.2 99.4

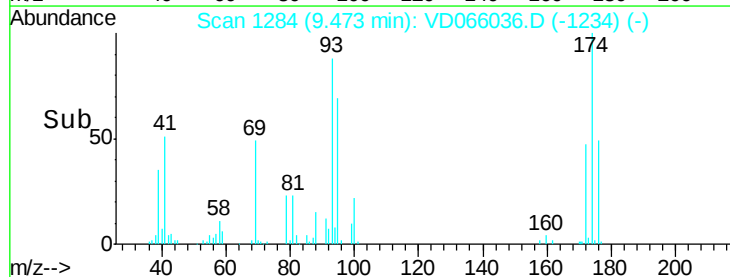
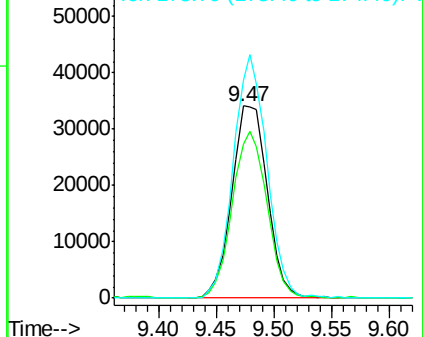
174 119.3 91.5 137.3

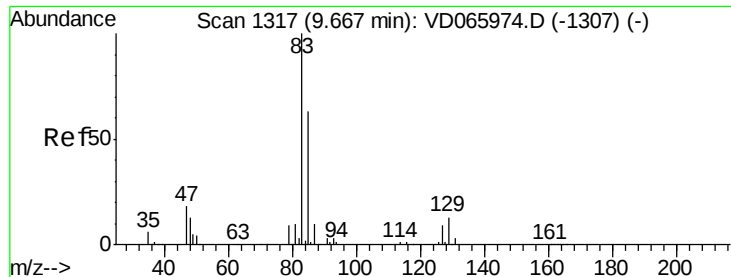


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.318 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

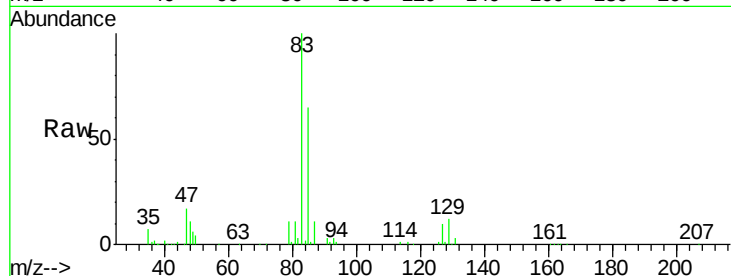
Tot Ion: 83 Resp: 195391

Ion Ratio Lower Upper

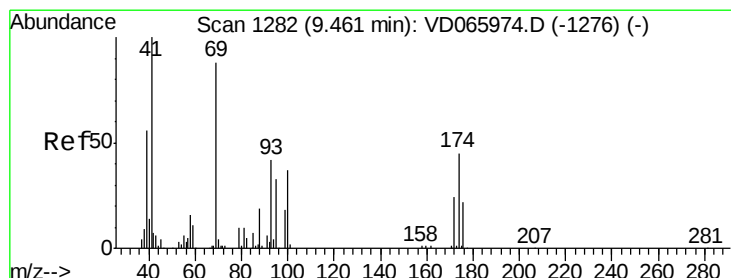
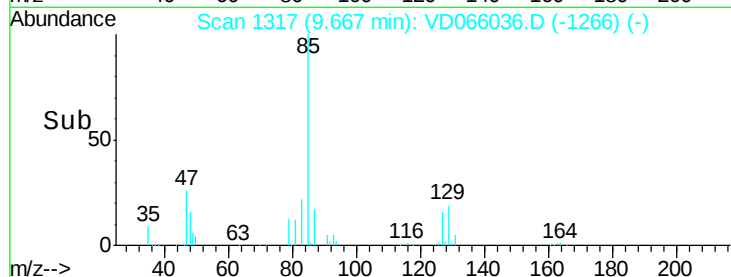
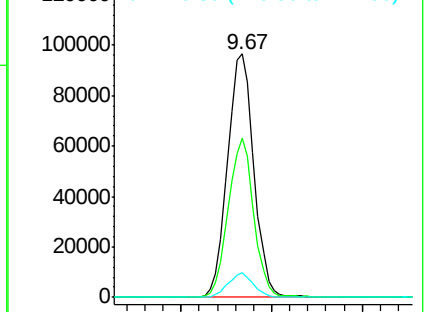
83 100

85 65.1 50.6 75.8

127 10.1 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 50.069 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

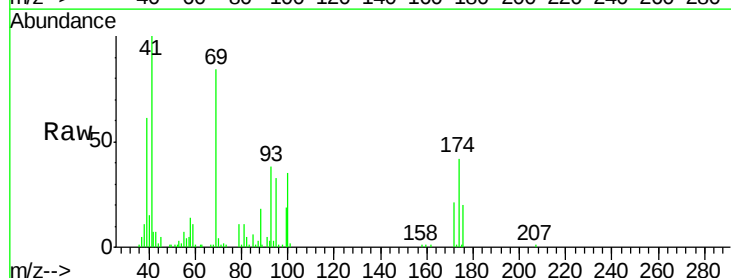
Tgt Ion: 41 Resp: 68993

Ion Ratio Lower Upper

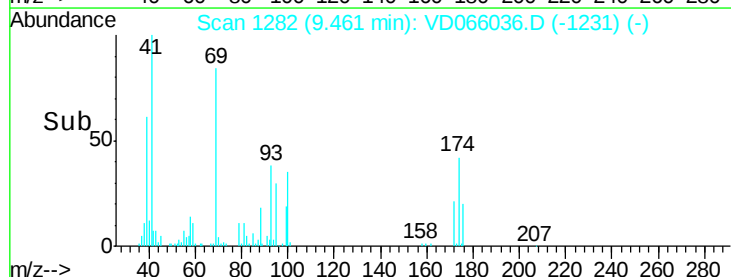
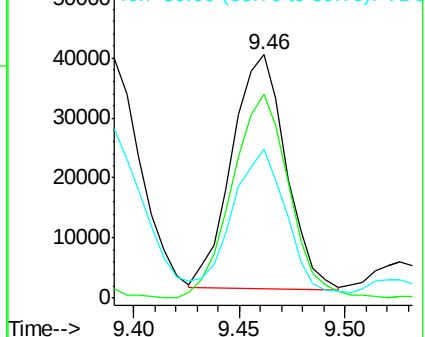
41 100

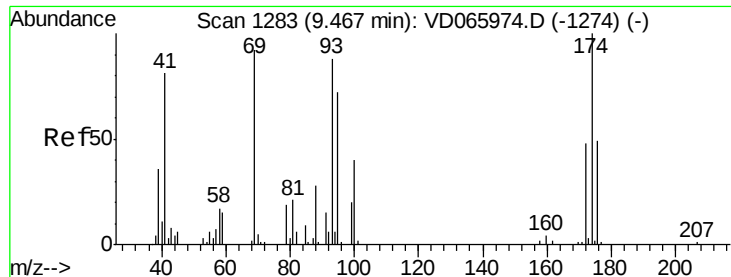
69 92.0 65.1 97.7

39 60.2 41.5 62.3



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

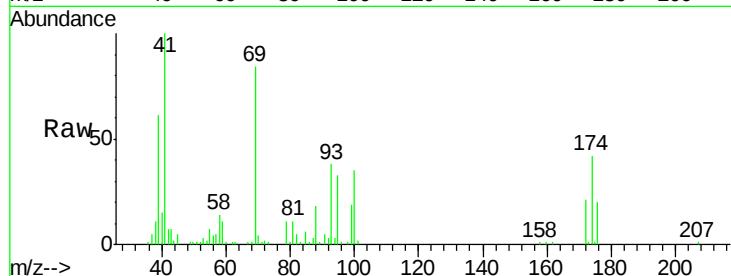




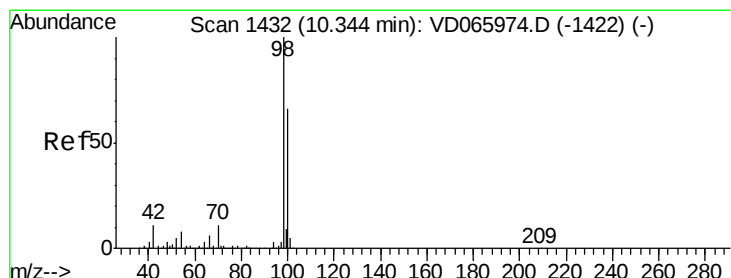
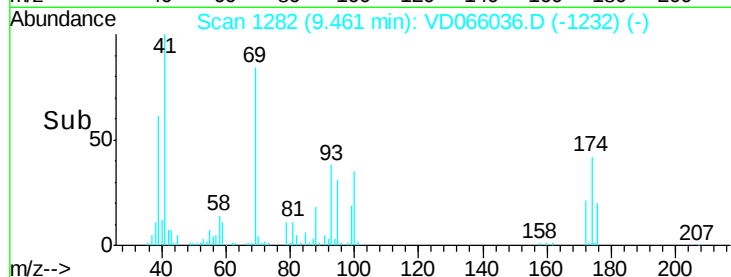
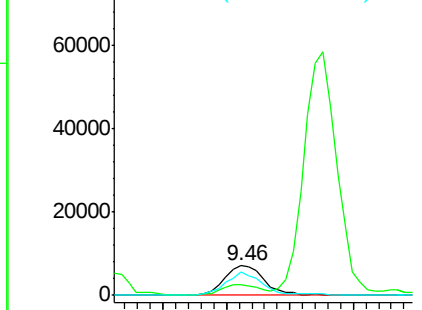
#49
1,4-Dioxane
Concen: 1000.411 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 15483
Ion Ratio Lower Upper
88 100
43 35.5 29.0 43.6
58 69.7 57.0 85.4

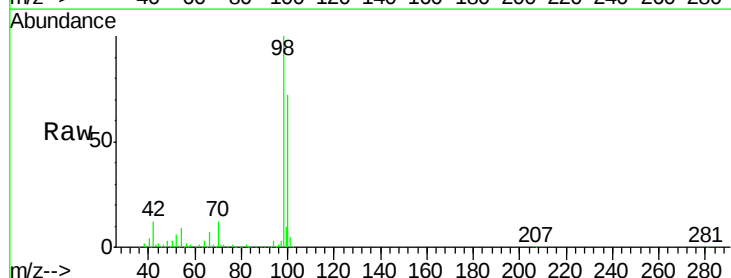


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

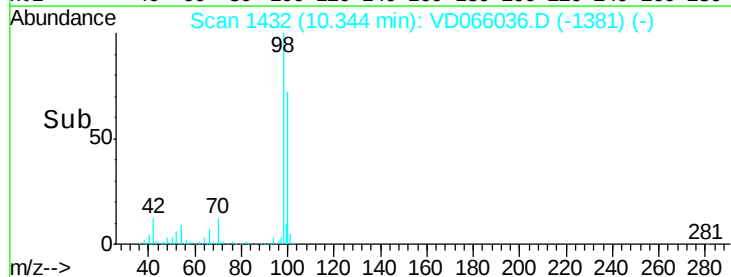
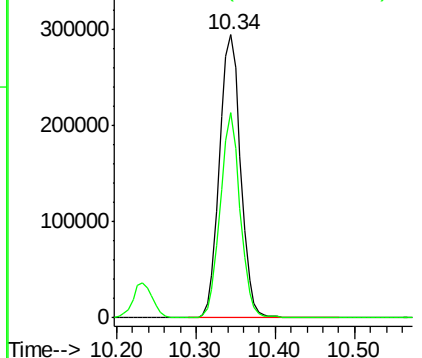


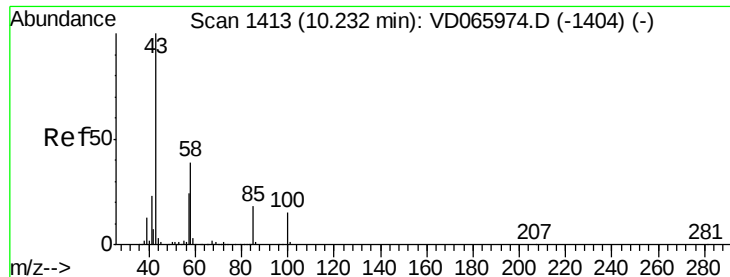
#50
Toluene-d8
Concen: 56.294 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion: 98 Resp: 545818
Ion Ratio Lower Upper
98 100
100 68.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

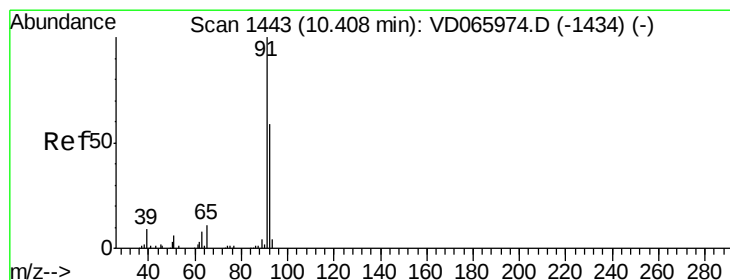
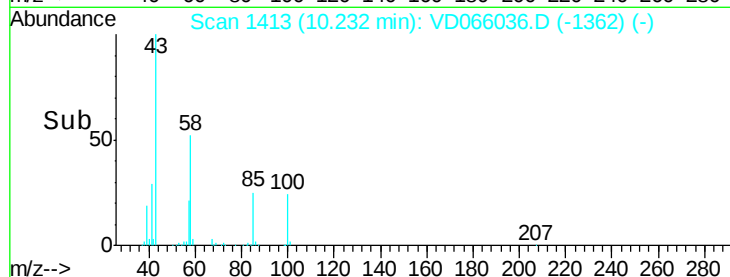
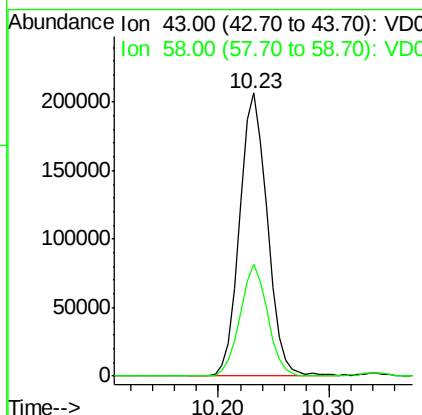
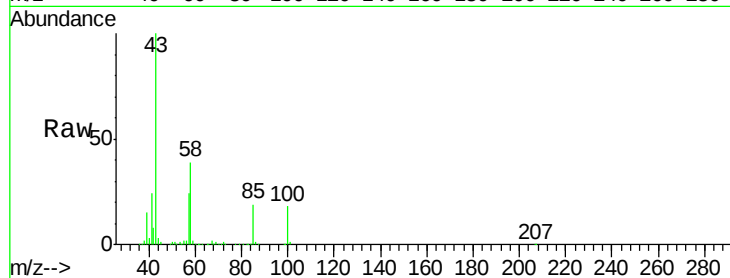




#51
4-Methyl-2-Pentanone
Concen: 265.679 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

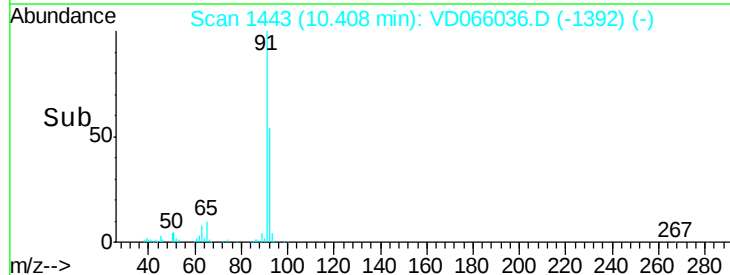
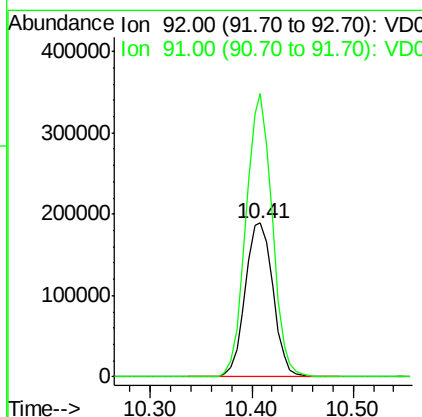
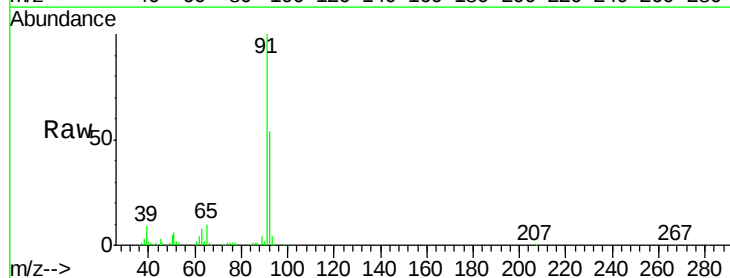
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

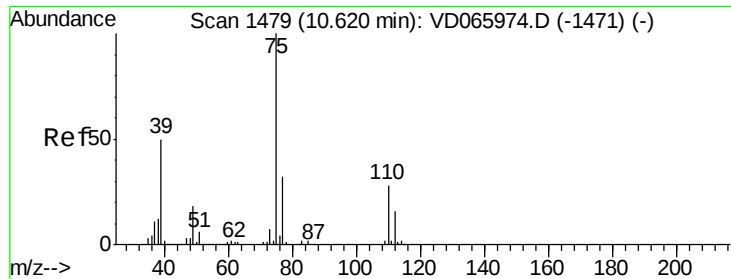
Tot Ion: 43 Resp: 365683
Ion Ratio Lower Upper
43 100
58 39.2 31.3 46.9



#52
Toluene
Concen: 53.956 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion: 92 Resp: 360525
Ion Ratio Lower Upper
92 100
91 173.8 134.5 201.7

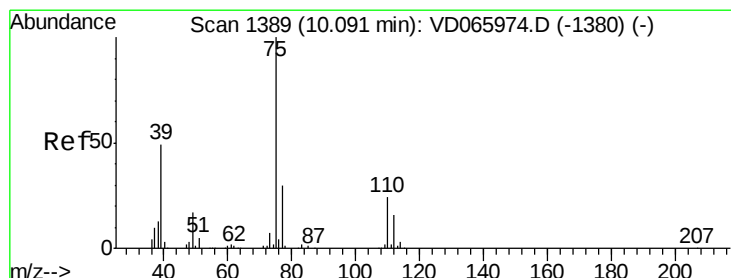
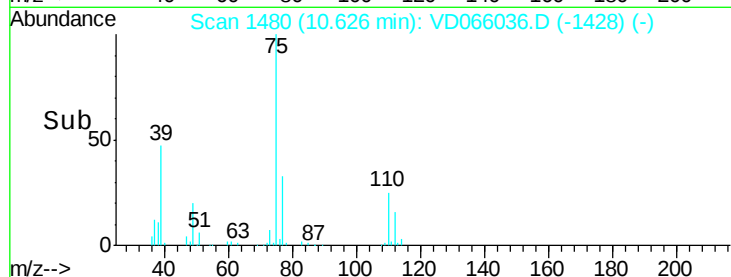
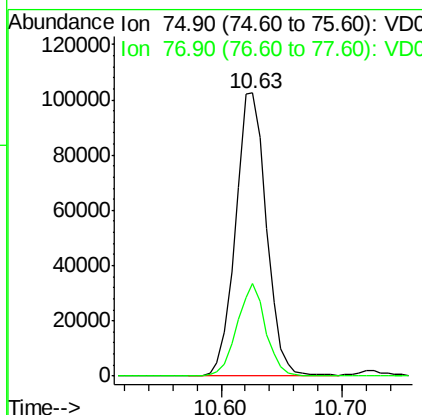
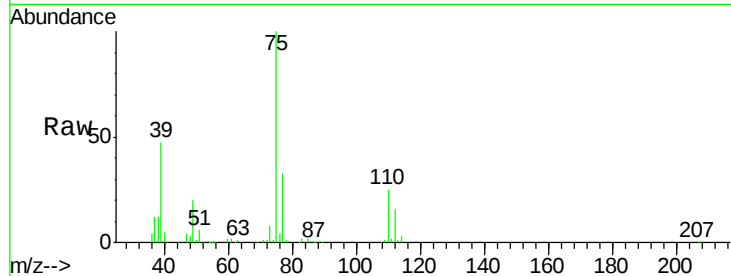




#53
 t-1,3-Dichloropropene
 Concen: 55.569 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

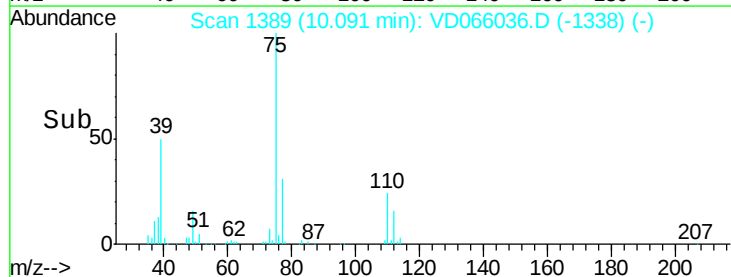
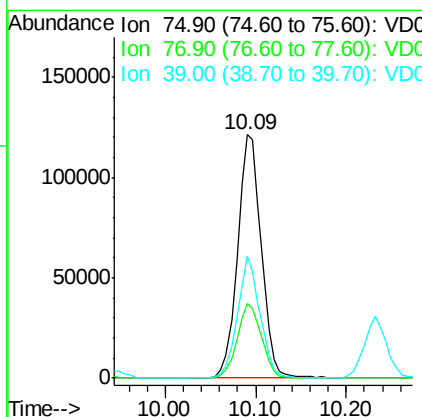
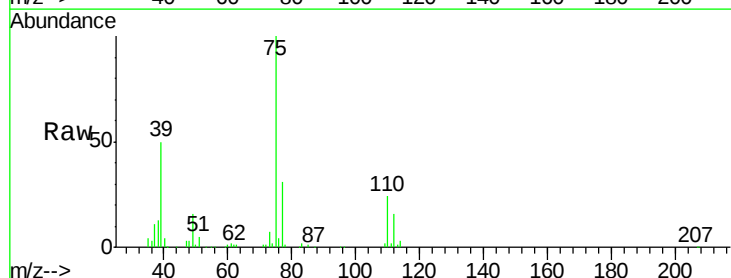
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

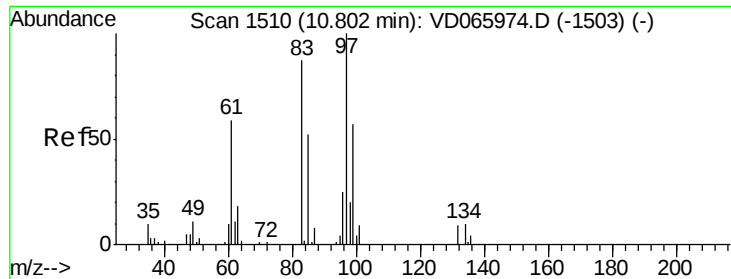
Tot Ion: 75 Resp: 182862
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 55.244 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

Tgt Ion: 75 Resp: 220364
 Ion Ratio Lower Upper
 75 100
 77 30.6 23.8 35.8
 39 50.2 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 52.783 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 100001

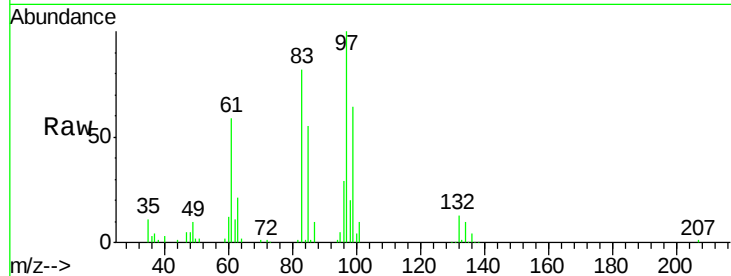
Ion Ratio Lower Upper

97 100

83 81.6 69.7 104.5

85 55.0 41.6 62.4

99 64.5 45.9 68.9

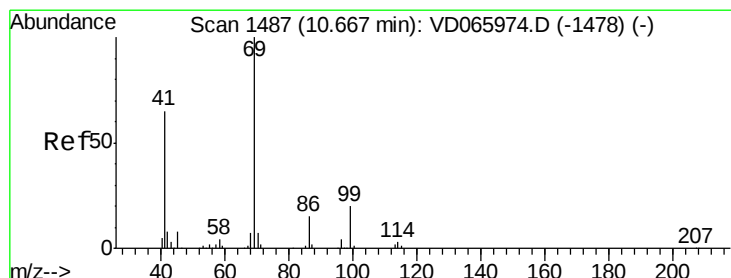
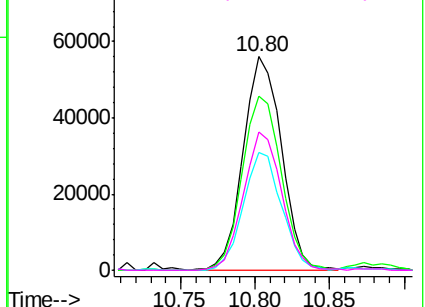
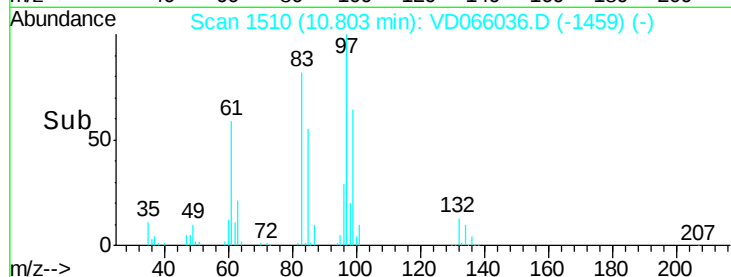


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 57.085 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

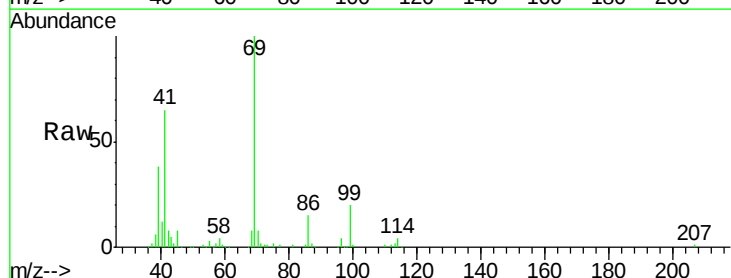
Tgt Ion: 69 Resp: 125744

Ion Ratio Lower Upper

69 100

41 65.2 52.3 78.5

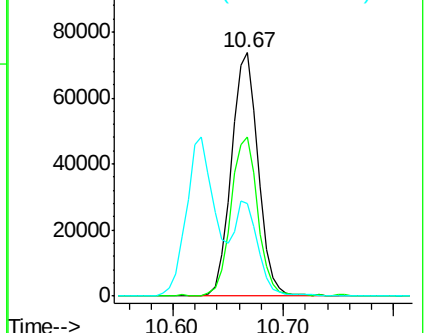
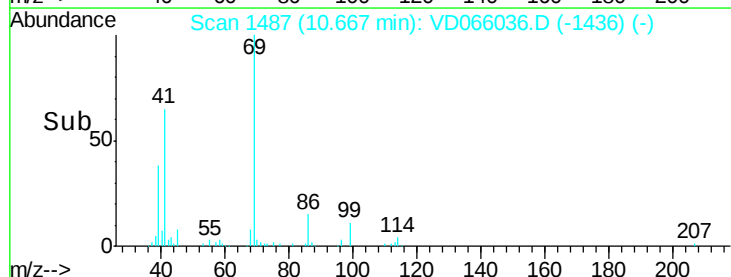
39 34.0 25.2 37.8

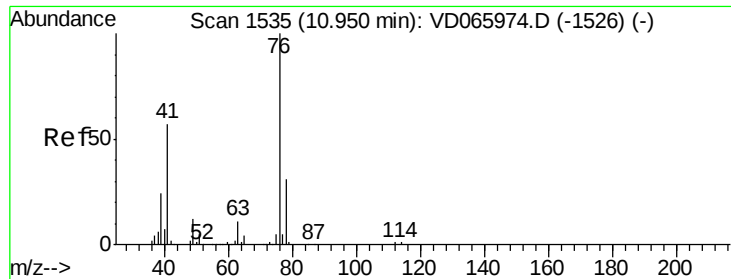


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

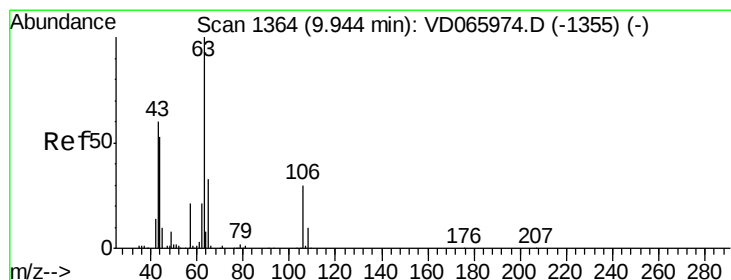
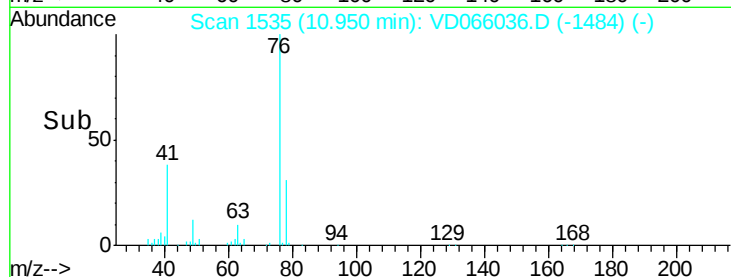
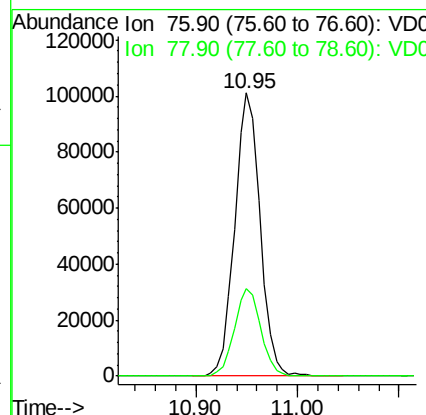
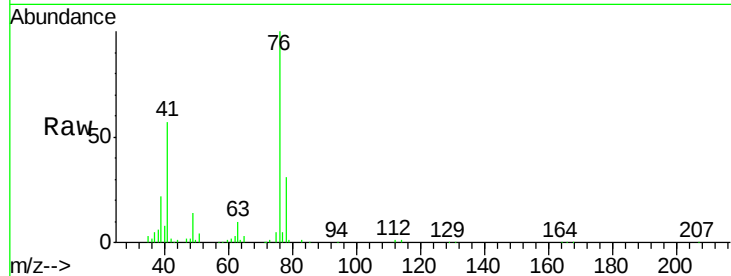




#57
 1,3-Dichloropropane
 Concen: 55.902 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

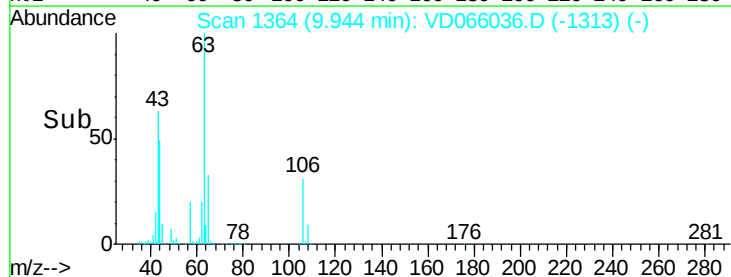
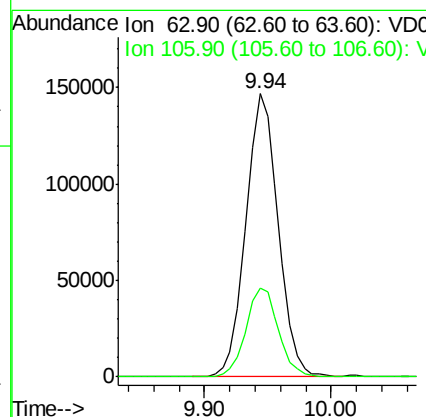
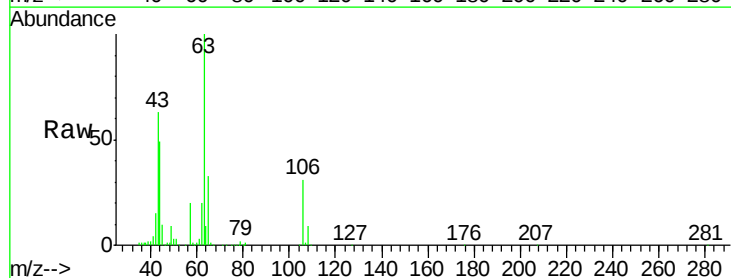
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

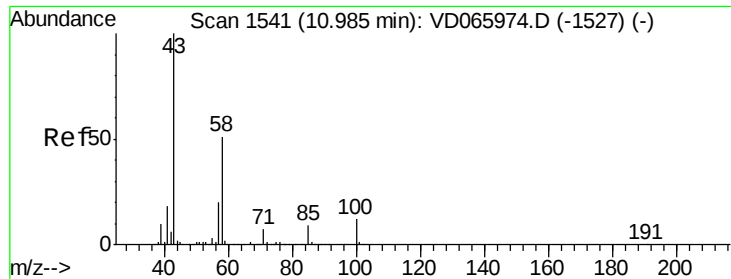
Tot Ion: 76 Resp: 175330
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.014 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

Tgt Ion: 63 Resp: 259923
 Ion Ratio Lower Upper
 63 100
 106 31.4 24.4 36.6

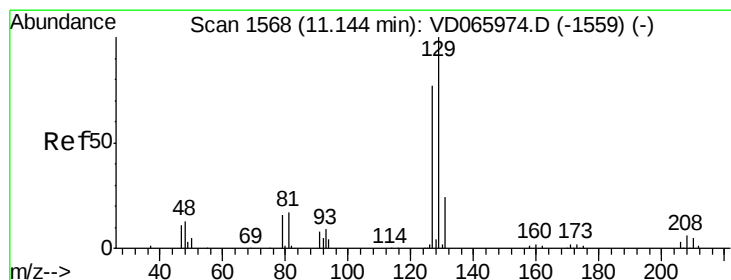
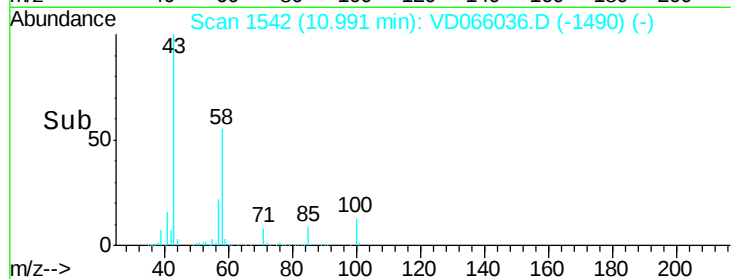
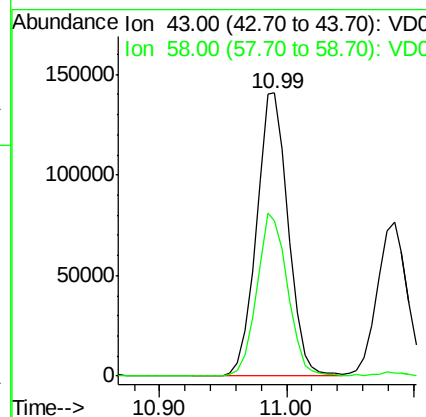
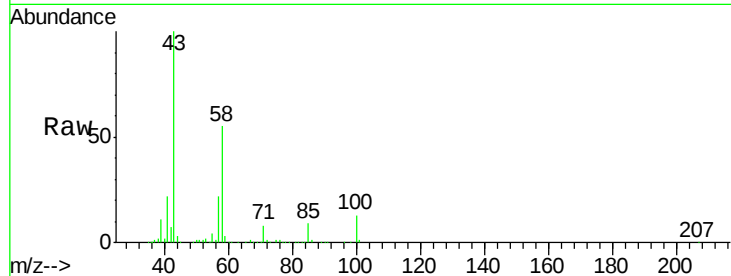




#59
2-Hexanone
Concen: 256.775 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

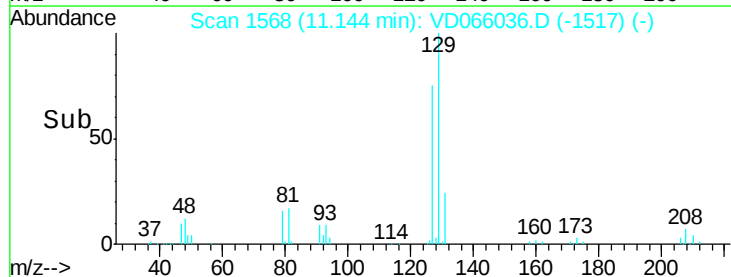
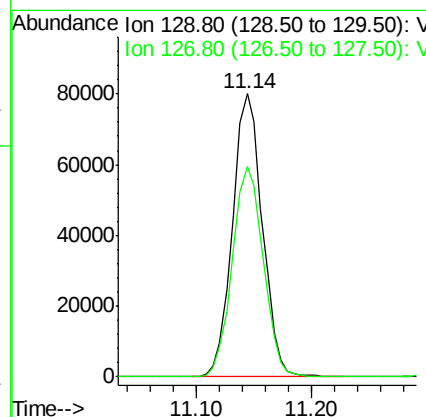
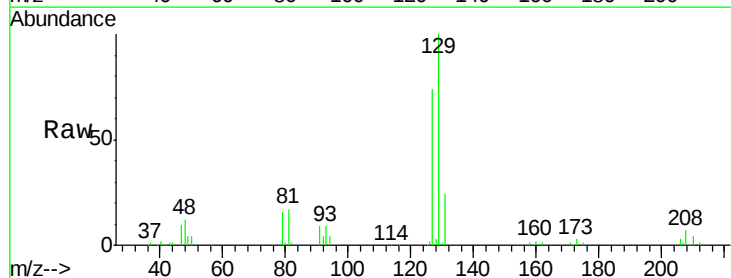
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

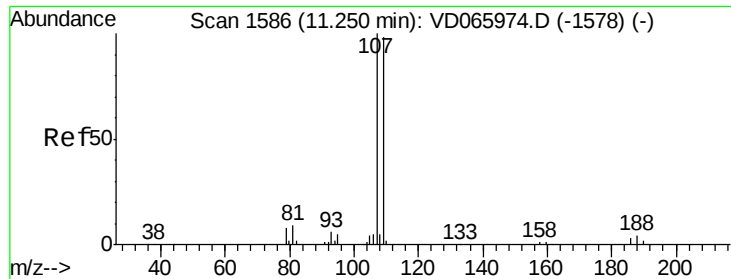
Tot Ion: 43 Resp: 244920
Ion Ratio Lower Upper
43 100
58 55.7 26.2 78.6



#60
Dibromochloromethane
Concen: 56.043 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion: 129 Resp: 143162
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7

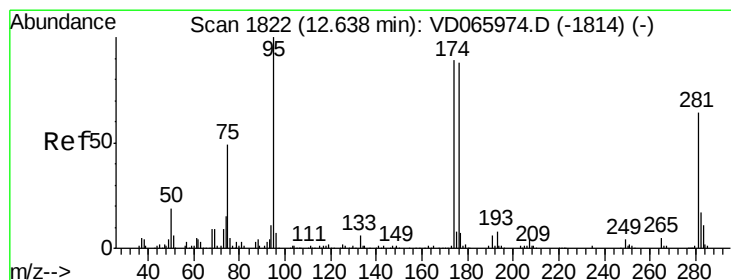
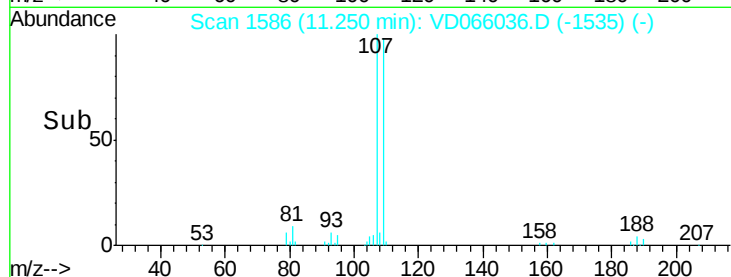
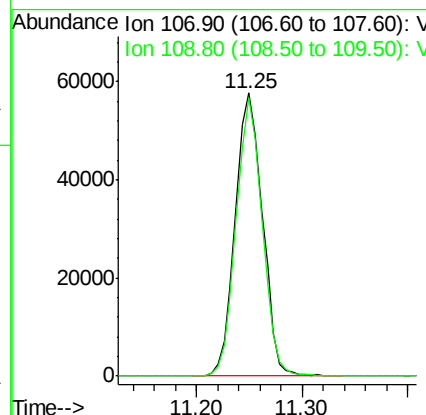
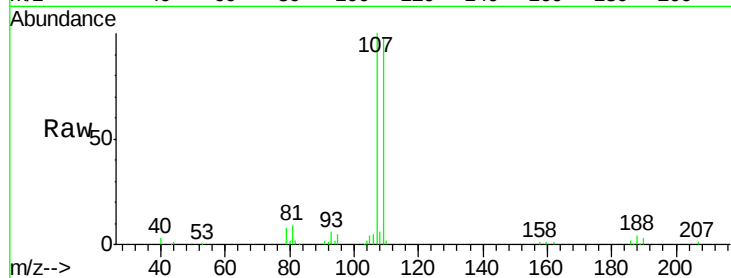




#61
 1,2-Dibromoethane
 Concen: 56.372 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

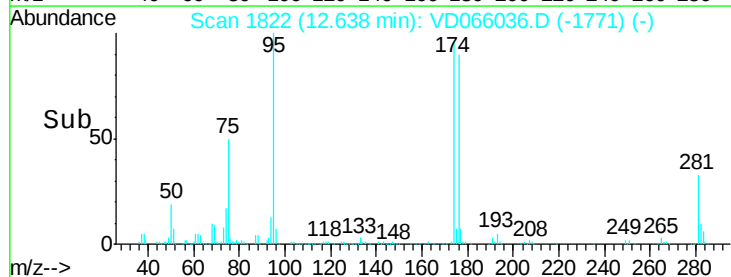
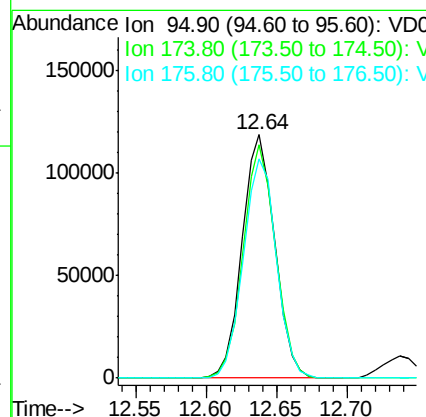
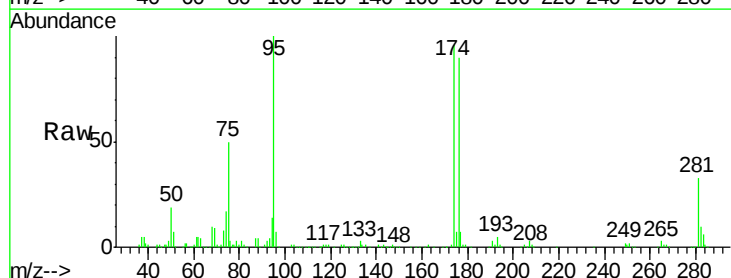
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

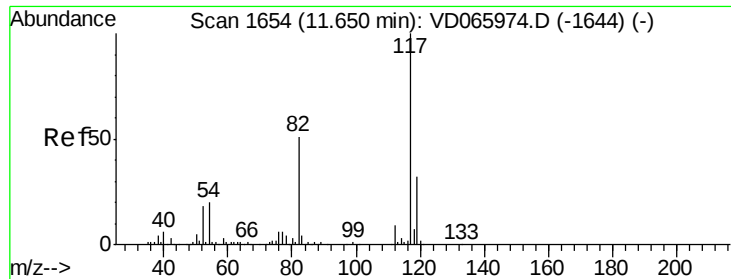
Tot Ion:107 Resp: 102977
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 57.068 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

Tgt Ion: 95 Resp: 191860
 Ion Ratio Lower Upper
 95 100
 174 95.0 0.0 178.8
 176 91.5 0.0 172.6

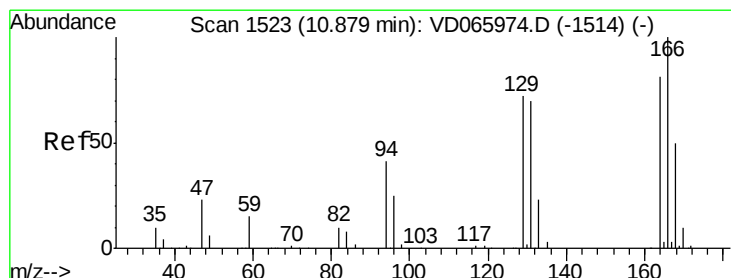
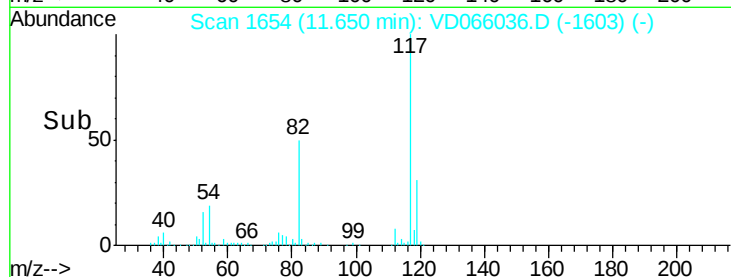
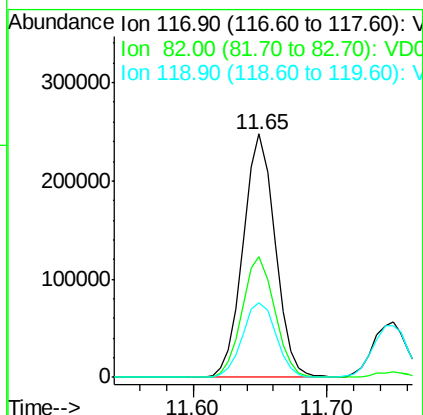
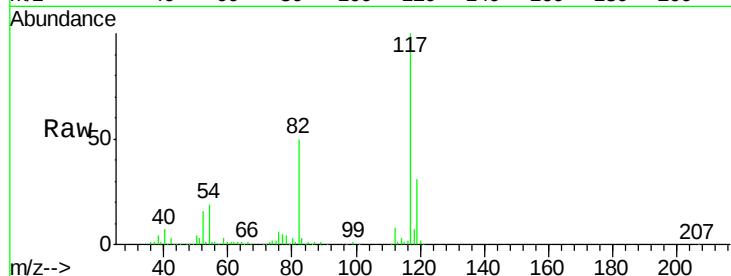




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

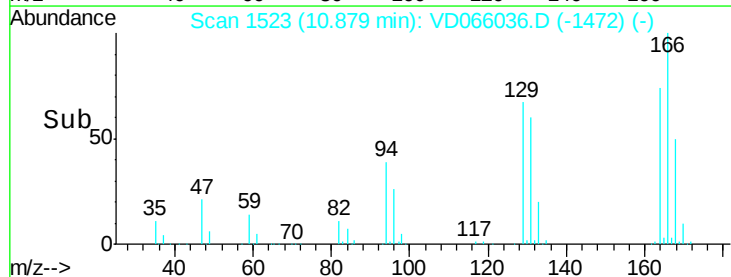
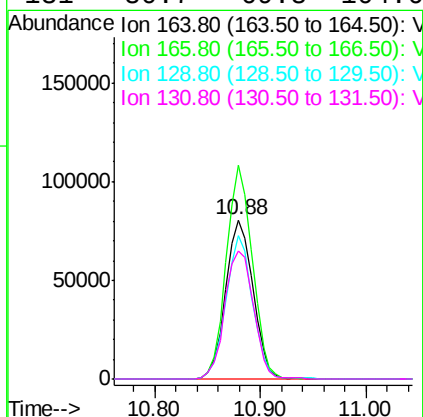
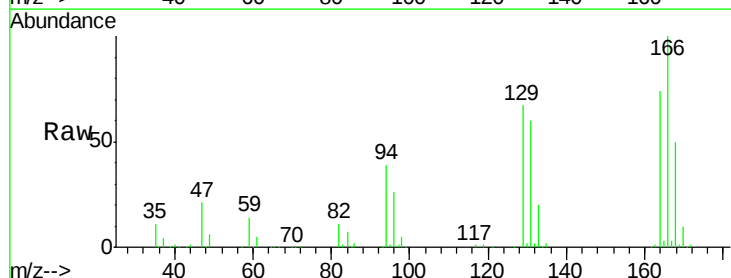
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

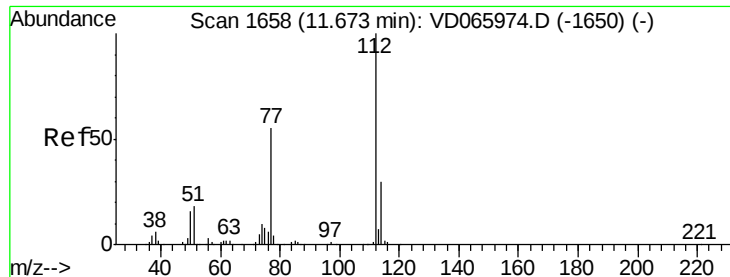
Tot Ion:117 Resp: 411143
Ion Ratio Lower Upper
117 100
82 49.5 41.1 61.7
119 30.6 25.9 38.9



#64
Tetrachloroethene
Concen: 51.781 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion:164 Resp: 144500
Ion Ratio Lower Upper
164 100
166 134.2 99.1 148.7
129 90.5 71.5 107.3
131 80.7 69.8 104.6

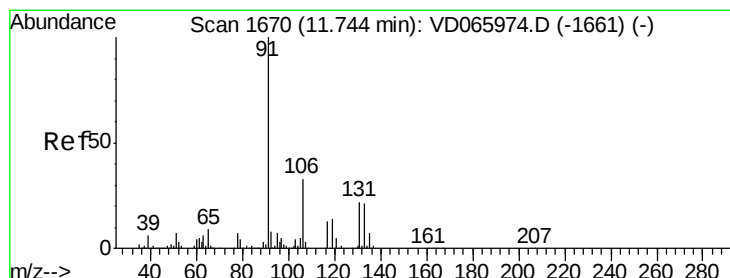
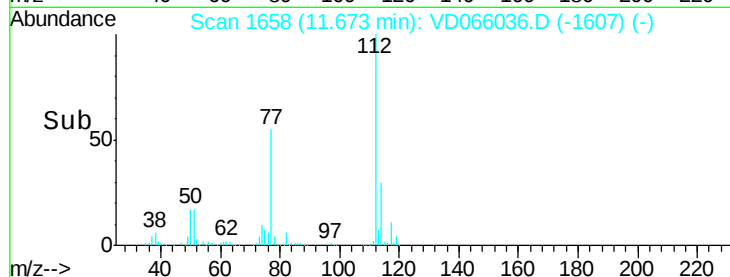
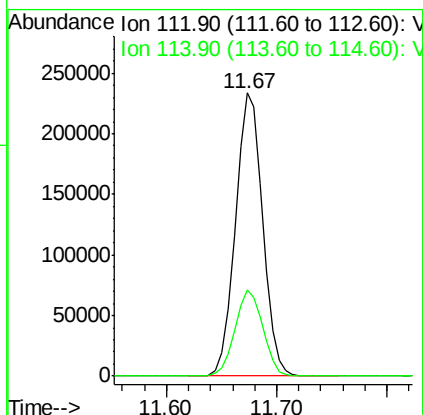
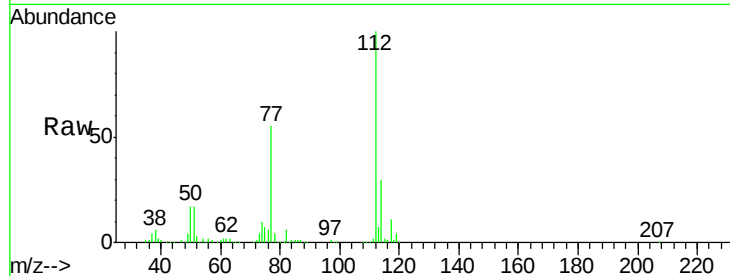




#65
Chlorobenzene
Concen: 53.739 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

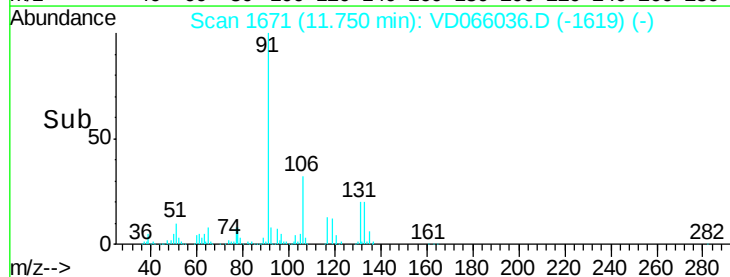
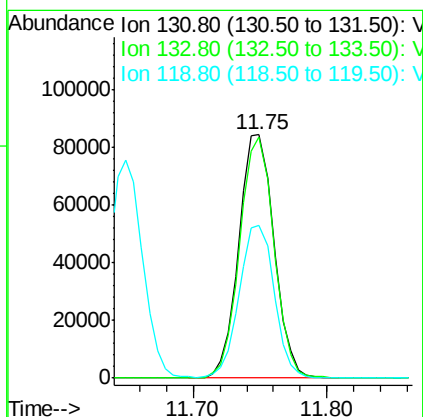
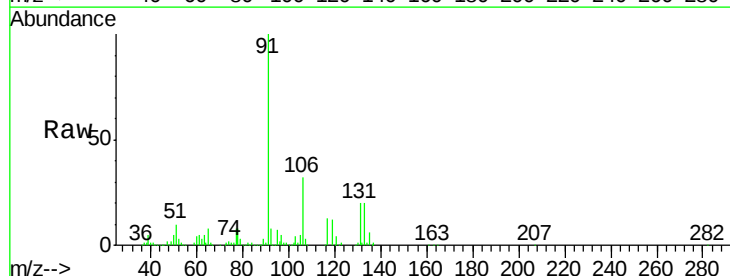
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

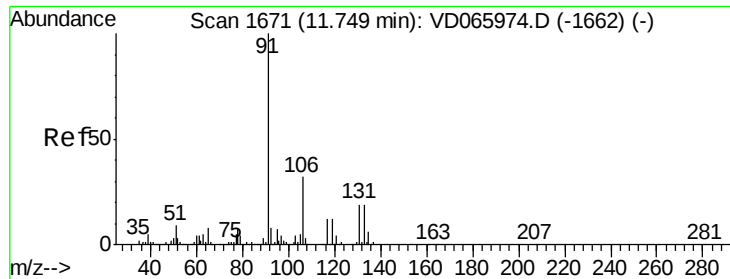
Tot Ion:112 Resp: 404540
Ion Ratio Lower Upper
112 100
114 30.4 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.465 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion:131 Resp: 154170
Ion Ratio Lower Upper
131 100
133 95.9 47.3 142.0
119 62.7 31.7 95.1





#67

Ethyl Benzene

Concen: 53.134 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

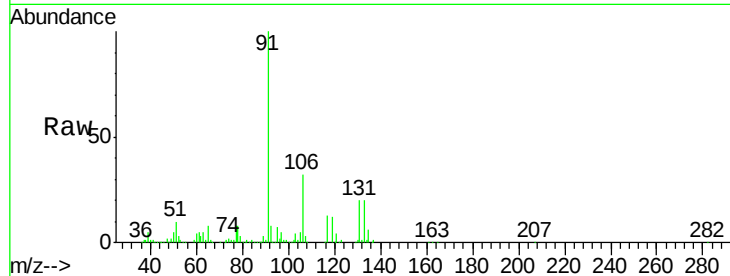
VSTDCCC050EC

Tot Ion: 91 Resp: 688337

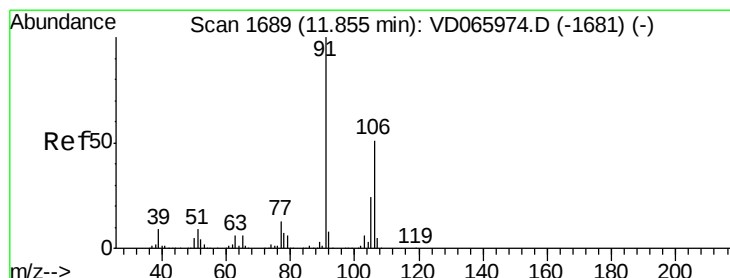
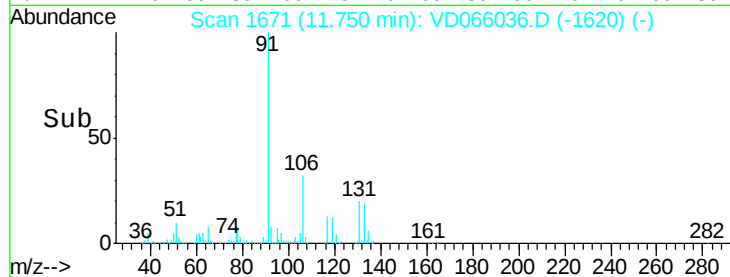
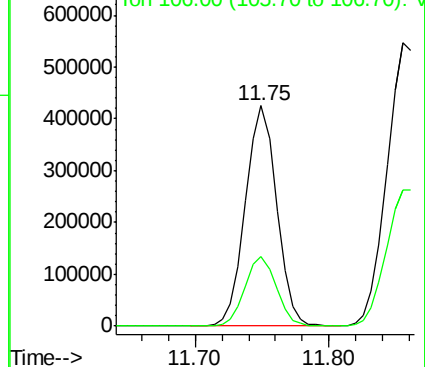
Ion Ratio Lower Upper

91 100

106 31.7 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 106.896 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066036.D

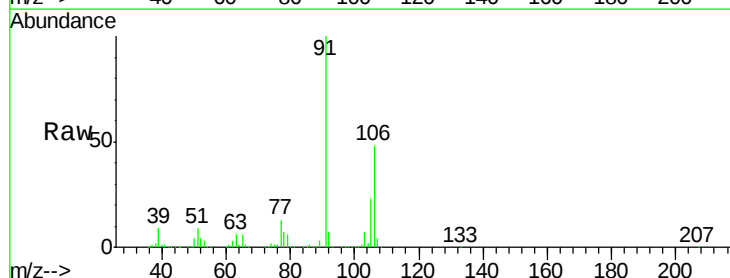
Acq: 23 Jul 2020 20:36

Tgt Ion: 106 Resp: 532265

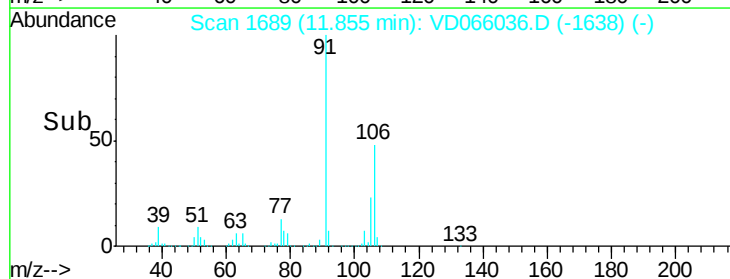
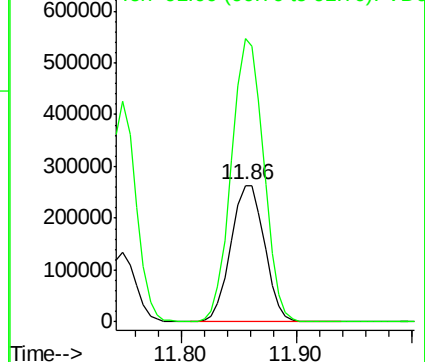
Ion Ratio Lower Upper

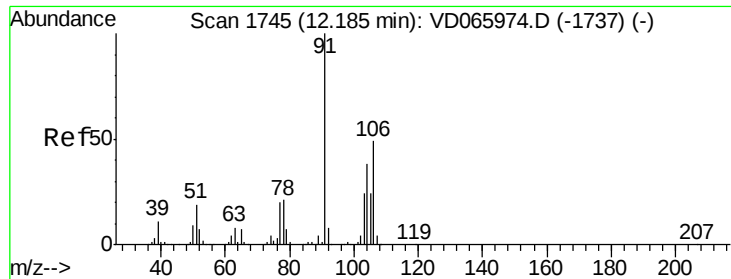
106 100

91 199.1 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

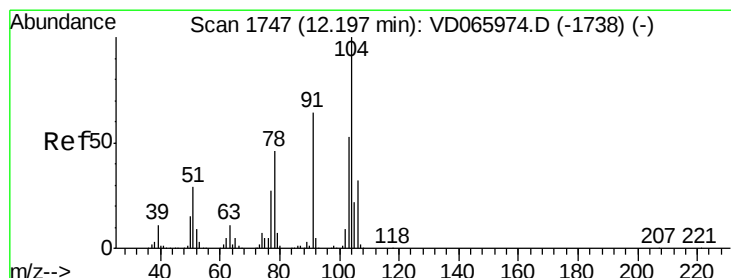
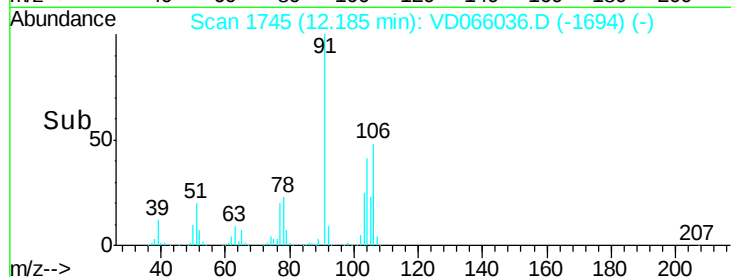
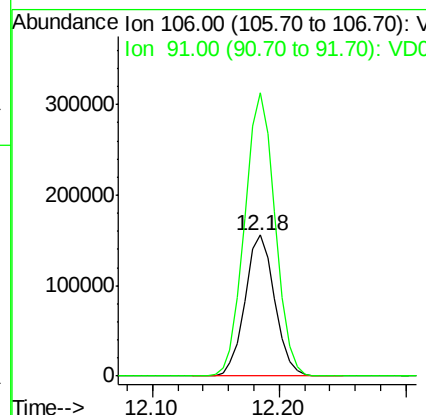
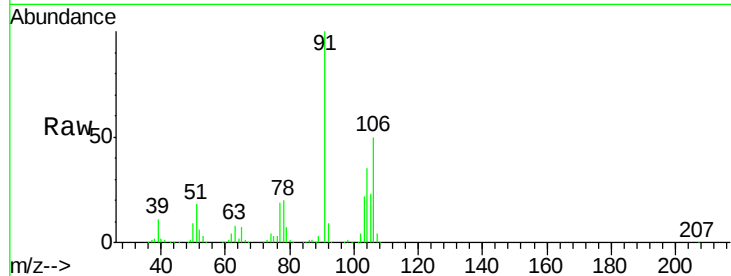




#69
o-Xylene
Concen: 55.956 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

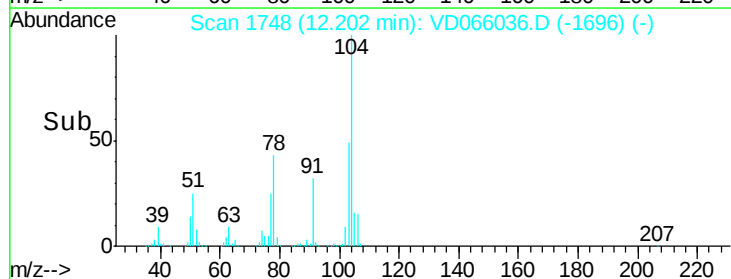
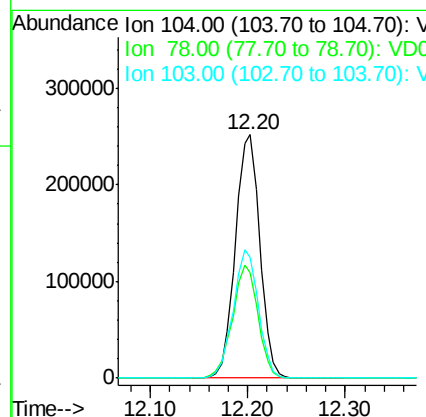
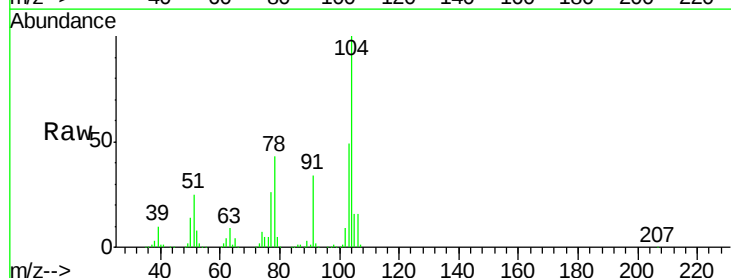
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

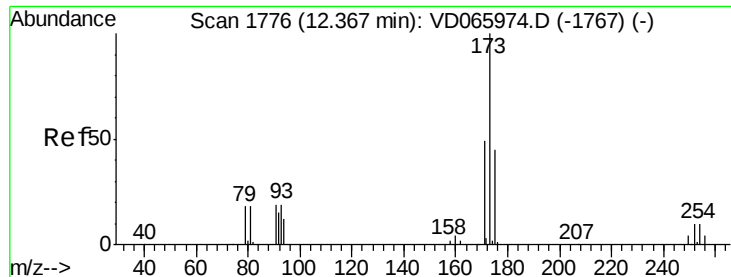
Tot Ion:106 Resp: 253415
Ion Ratio Lower Upper
106 100
91 205.6 103.1 309.3



#70
Styrene
Concen: 56.335 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion:104 Resp: 438358
Ion Ratio Lower Upper
104 100
78 48.3 38.3 57.5
103 54.2 43.8 65.8





#71

Bromoform

Concen: 53.848 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

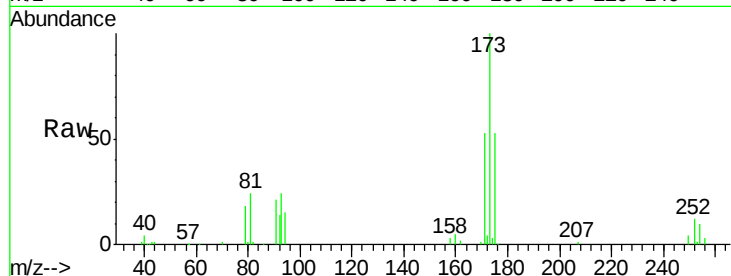
Tot Ion:173 Resp: 87674

Ion Ratio Lower Upper

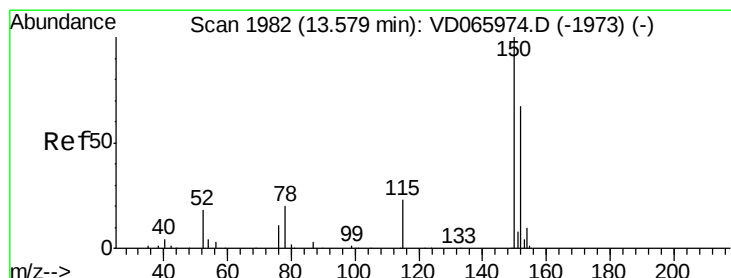
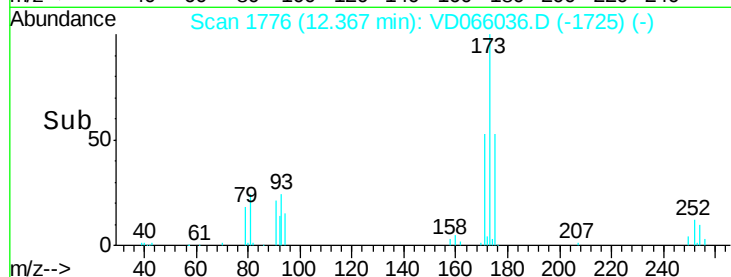
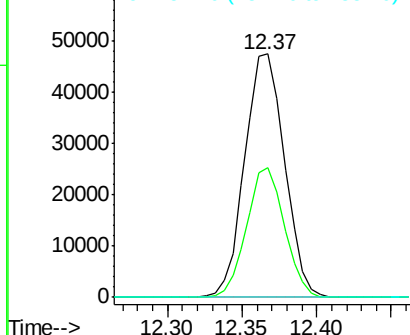
173 100

175 50.5 24.1 72.3

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

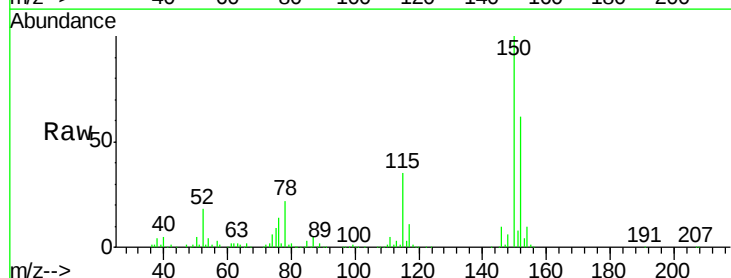
Tgt Ion:152 Resp: 212374

Ion Ratio Lower Upper

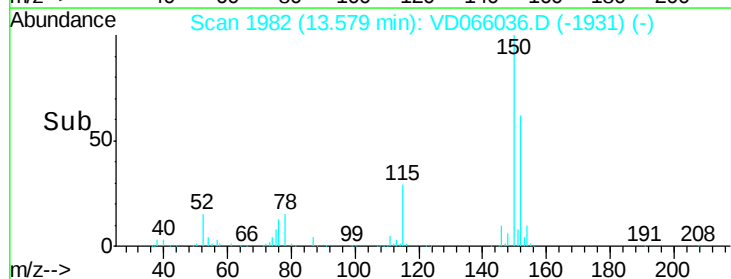
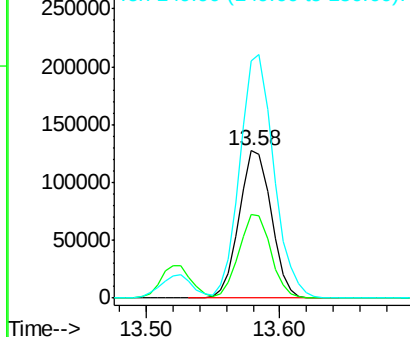
152 100

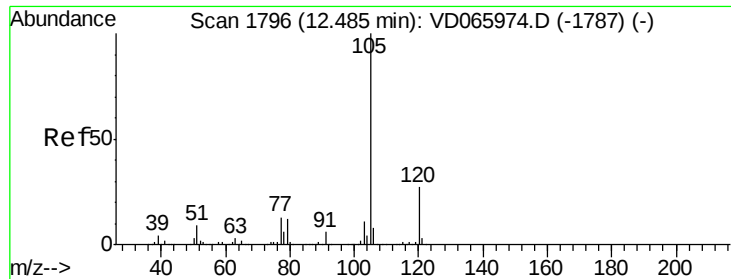
115 56.4 27.9 83.7

150 174.7 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

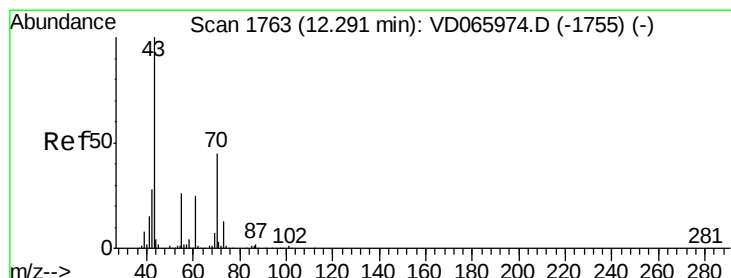
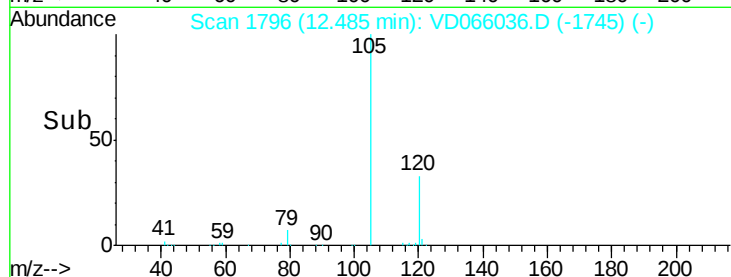
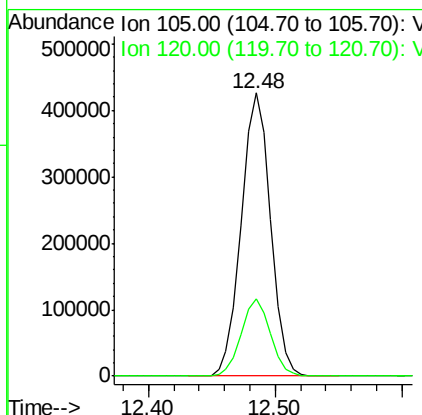
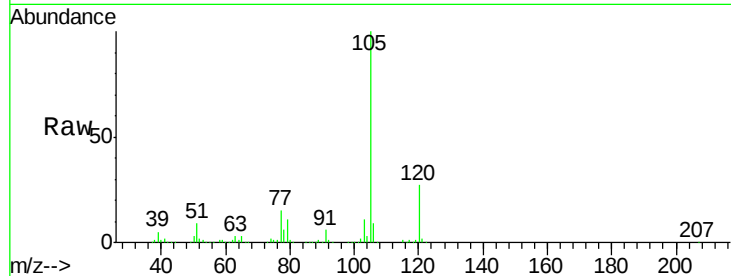




#73
Isopropylbenzene
Concen: 53.003 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

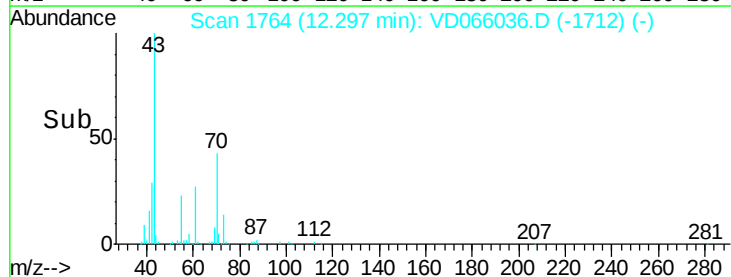
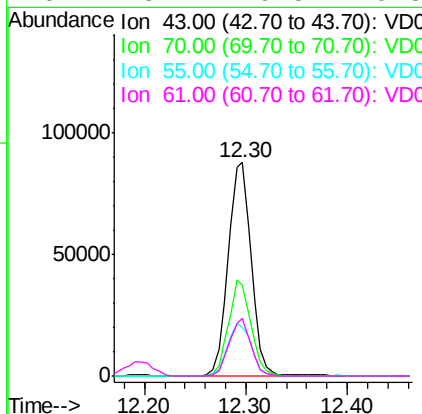
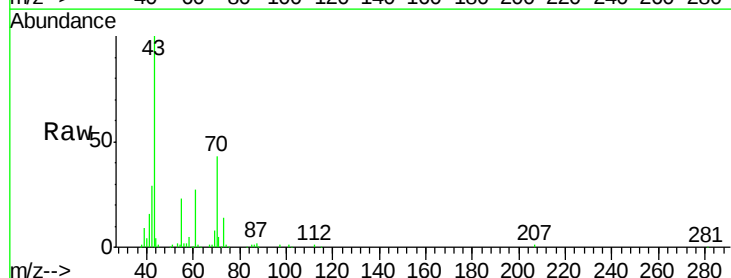
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

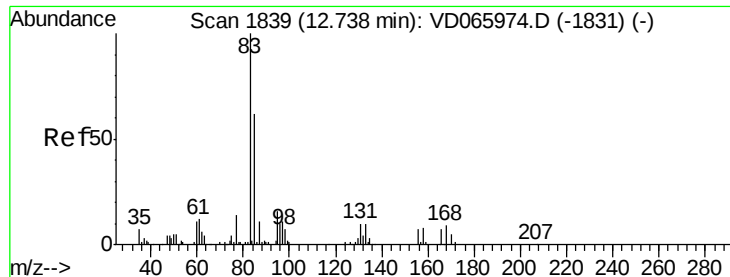
Tot Ion:105 Resp: 681126
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8



#74
N-ethyl acetate
Concen: 51.859 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion: 43 Resp: 138178
Ion Ratio Lower Upper
43 100
70 43.6 34.6 51.8
55 25.2 20.3 30.5
61 25.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.649 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

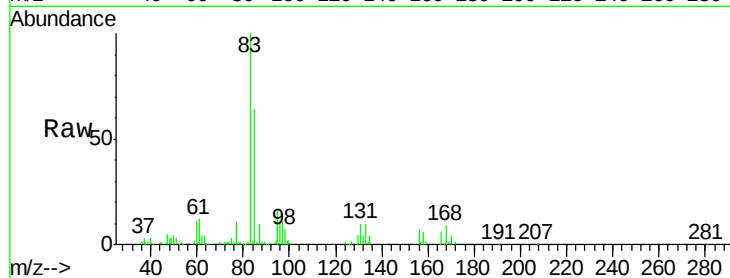
Tot Ion: 83 Resp: 109691

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

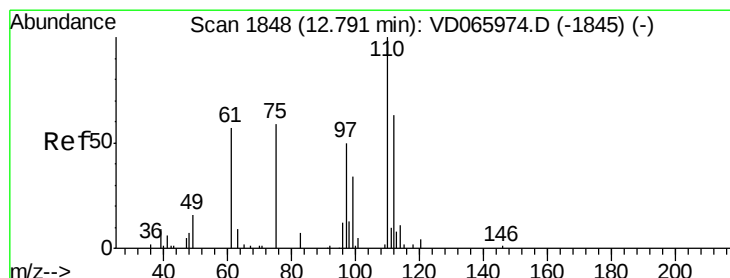
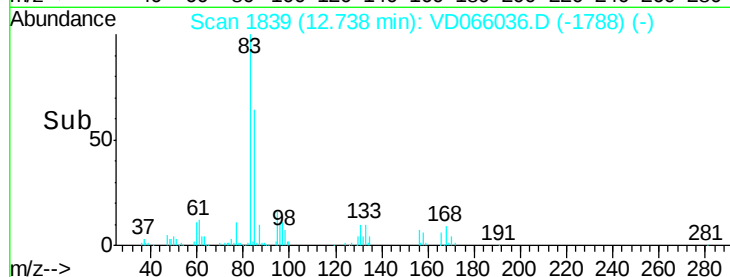
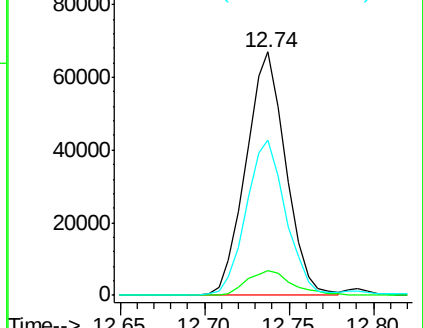
85 63.6 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 87.683 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD066036.D

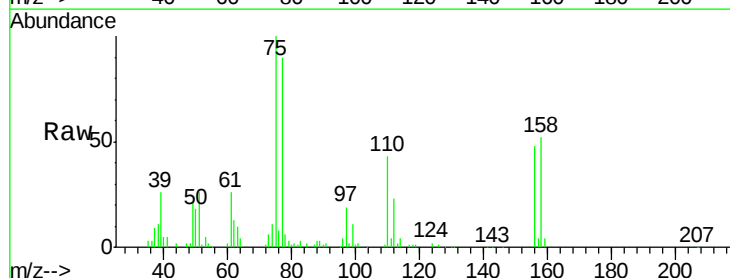
Acq: 23 Jul 2020 20:36

Tgt Ion: 75 Resp: 140211

Ion Ratio Lower Upper

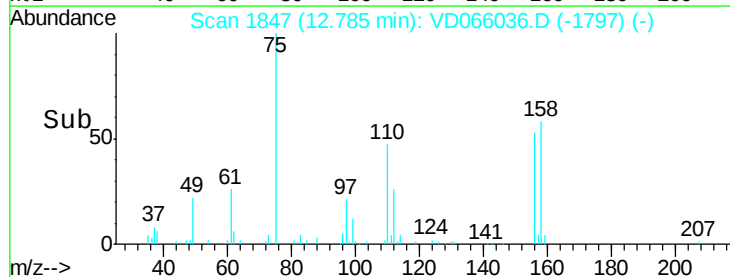
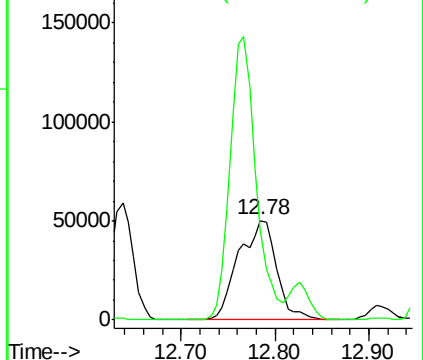
75 100

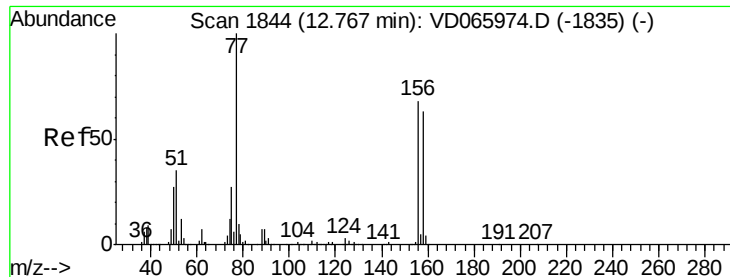
77 196.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.947 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

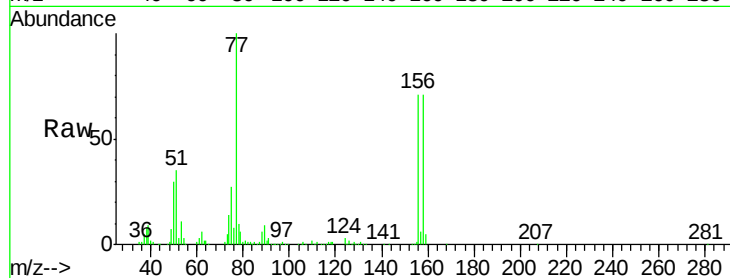
Tot Ion:156 Resp: 173887

Ion Ratio Lower Upper

156 100

77 158.6 83.0 249.0

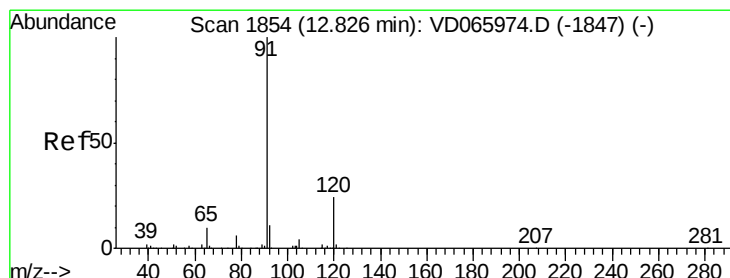
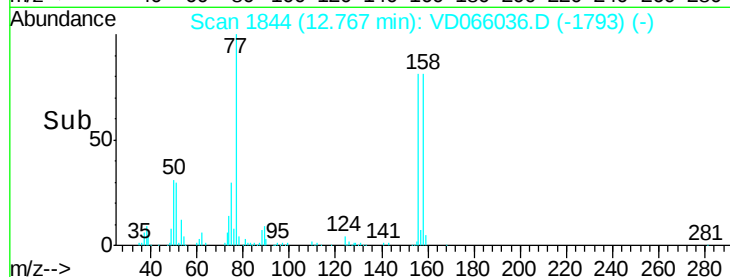
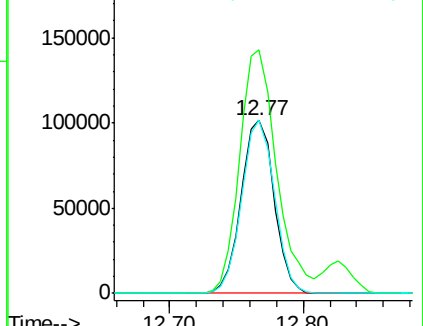
158 99.2 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.276 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD066036.D

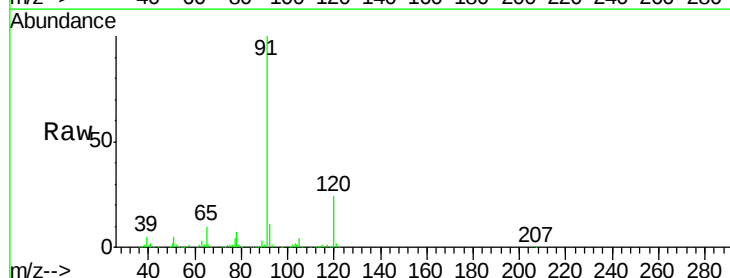
Acq: 23 Jul 2020 20:36

Tgt Ion: 91 Resp: 779538

Ion Ratio Lower Upper

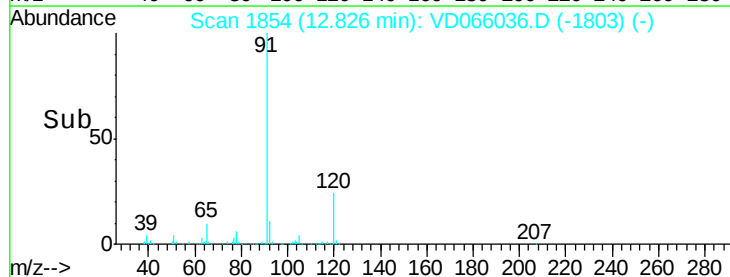
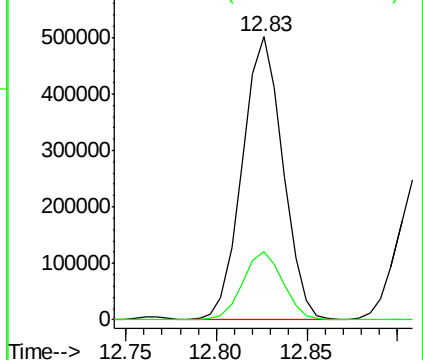
91 100

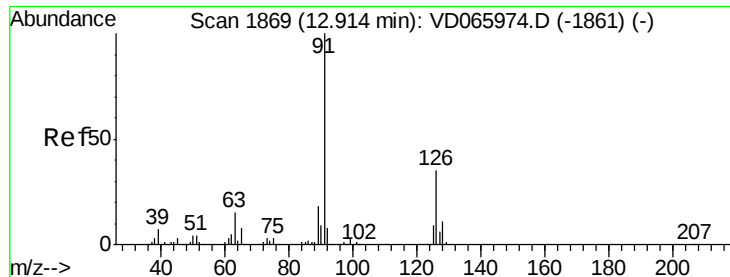
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

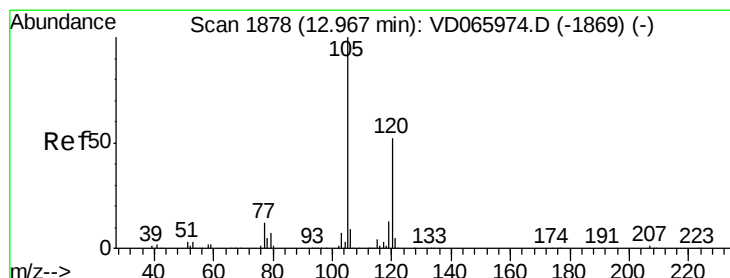
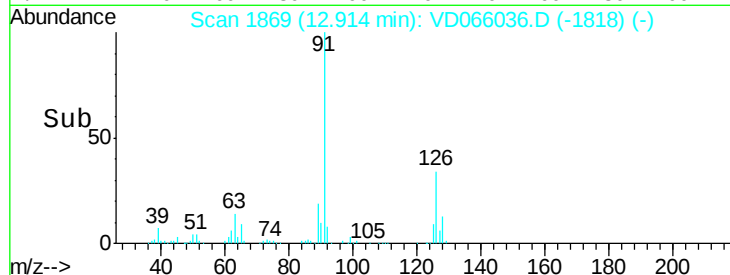
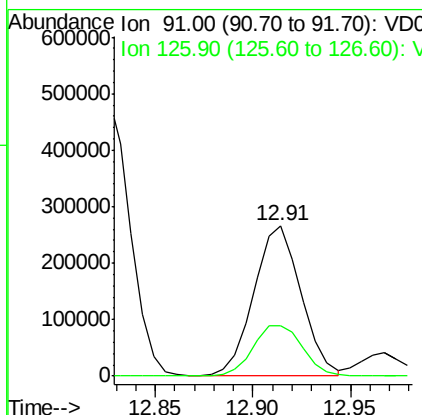
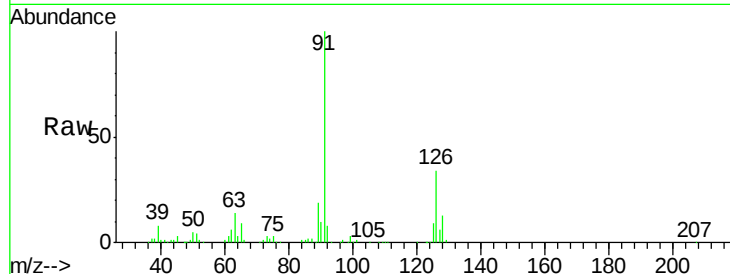




#79
 2-Chlorotoluene
 Concen: 52.379 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

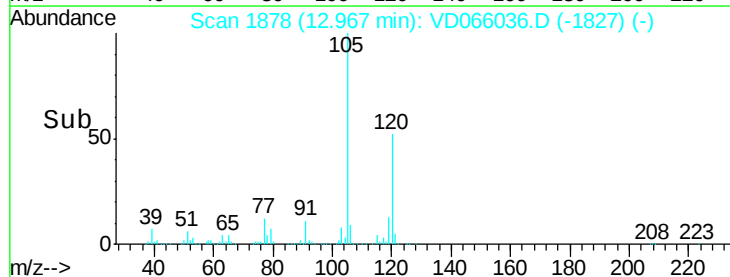
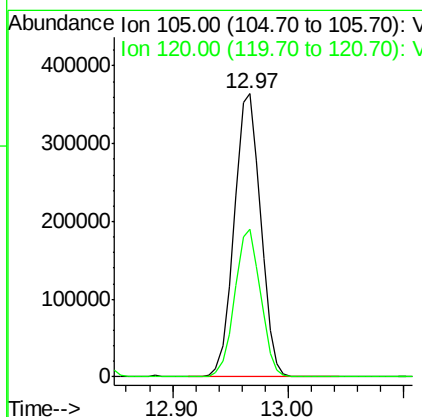
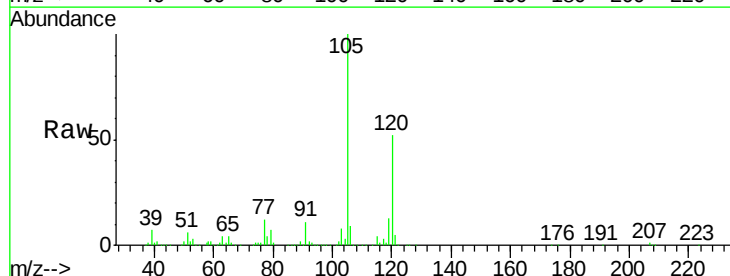
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

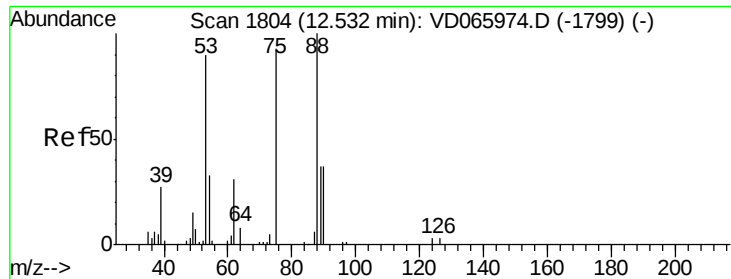
Tot Ion: 91 Resp: 446238
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 54.657 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

Tgt Ion: 105 Resp: 577061
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.6 76.6

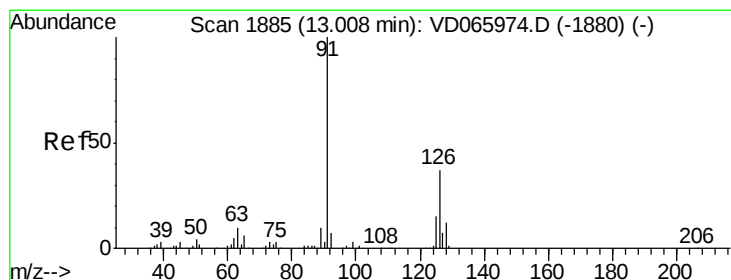
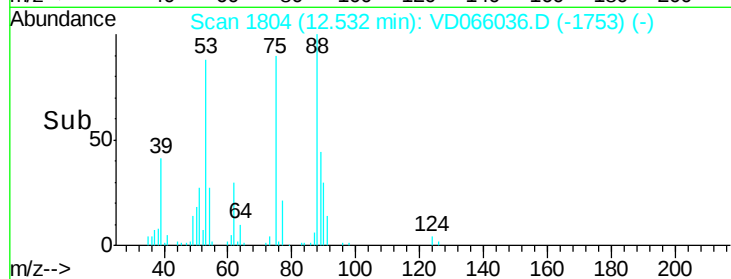
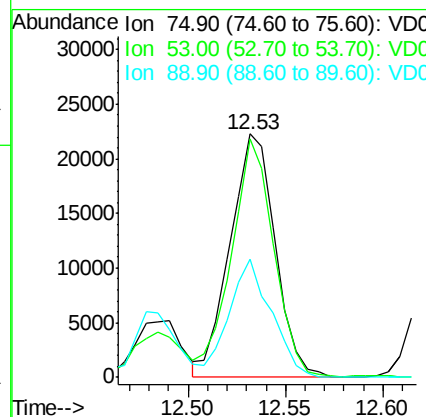
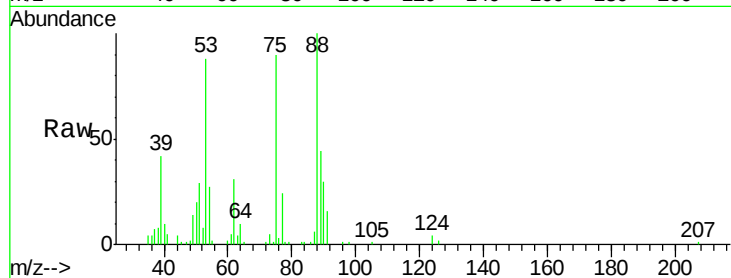




#81
trans-1,4-Dichloro-2-butene
Concen: 51.044 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

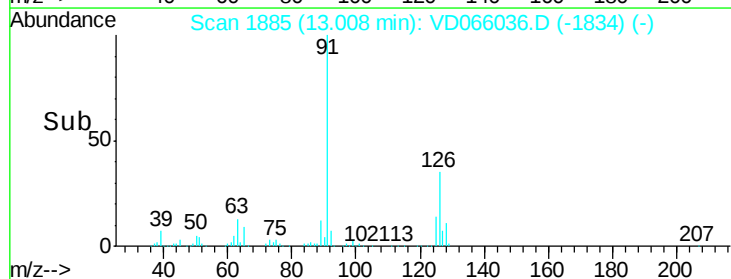
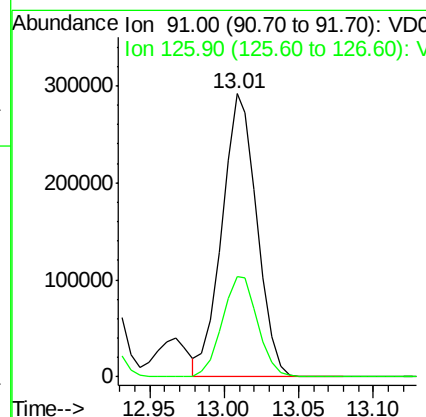
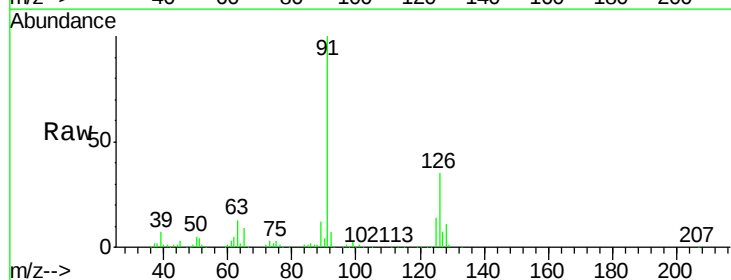
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

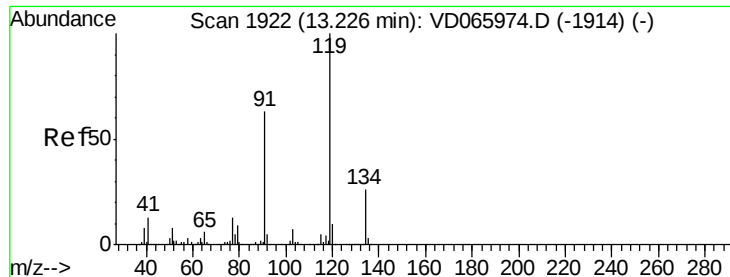
Tot Ion: 75 Resp: 35571
Ion Ratio Lower Upper
75 100
53 92.5 76.8 115.2
89 45.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.974 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion: 91 Resp: 476358
Ion Ratio Lower Upper
91 100
126 35.9 17.8 53.5

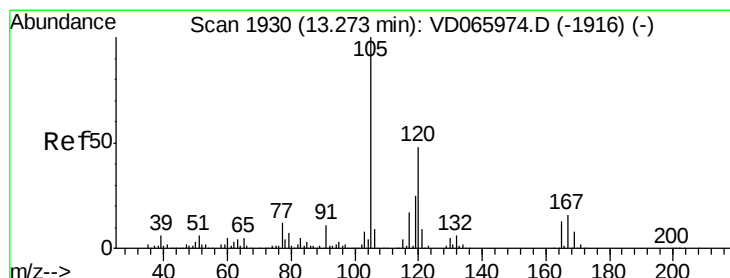
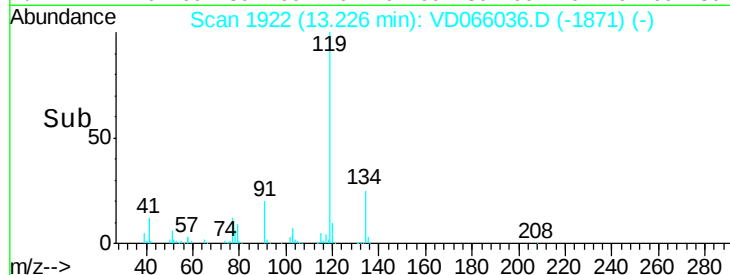
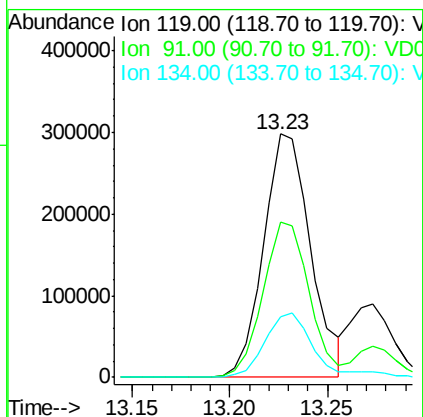
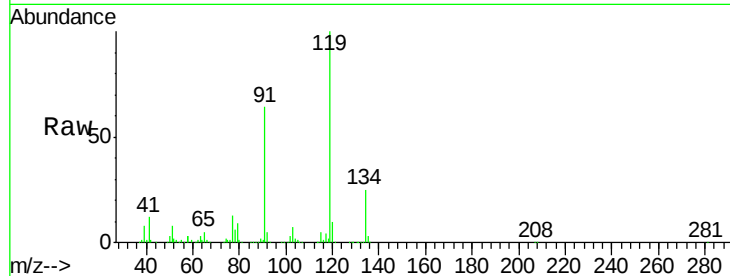




#83
tert-Butylbenzene
Concen: 54.011 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

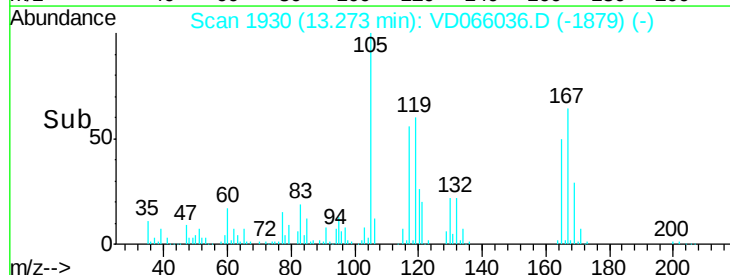
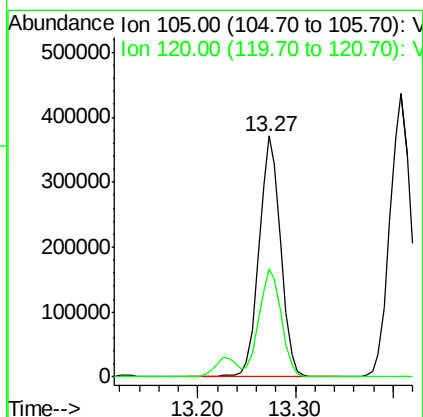
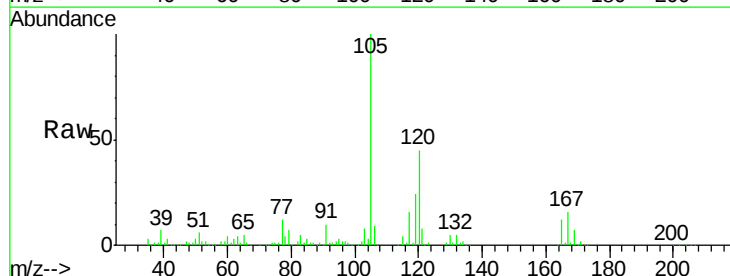
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

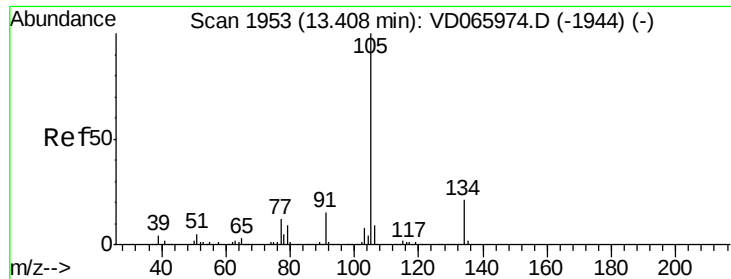
Tot Ion:119 Resp: 498997
Ion Ratio Lower Upper
119 100
91 62.2 30.6 91.6
134 26.0 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 55.444 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion:105 Resp: 577511
Ion Ratio Lower Upper
105 100
120 46.5 23.9 71.8





#85

sec-Butylbenzene

Concen: 51.948 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

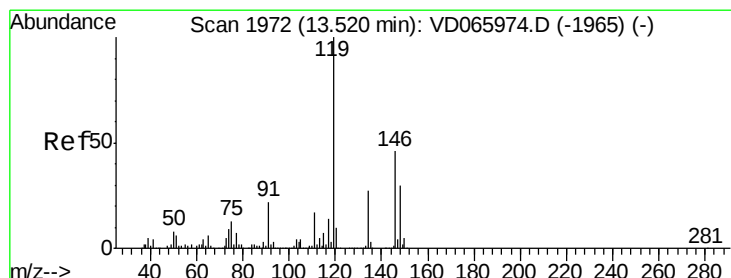
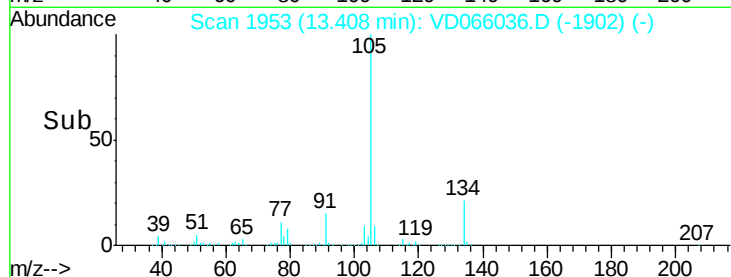
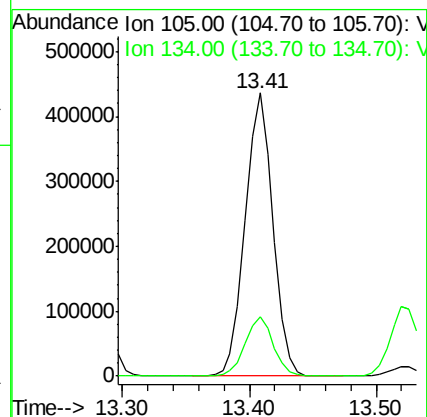
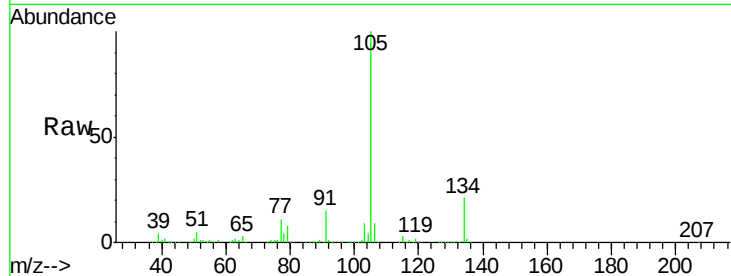
VSTDCCC050EC

Tot Ion:105 Resp: 661067

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4



#86

p-Isopropyltoluene

Concen: 54.108 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

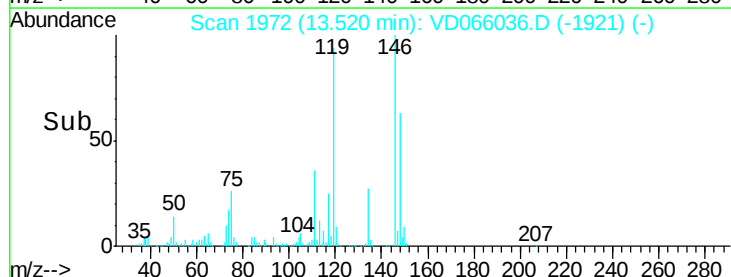
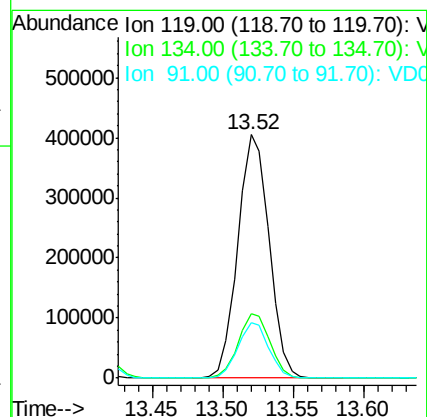
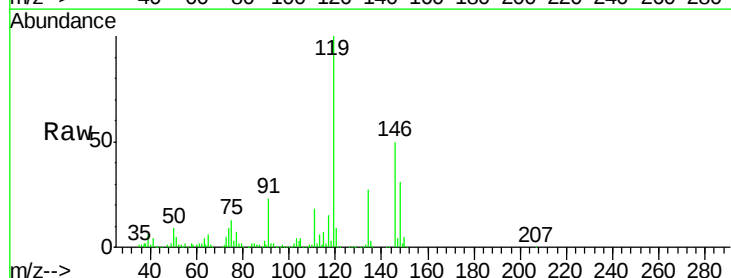
Tgt Ion:119 Resp: 625541

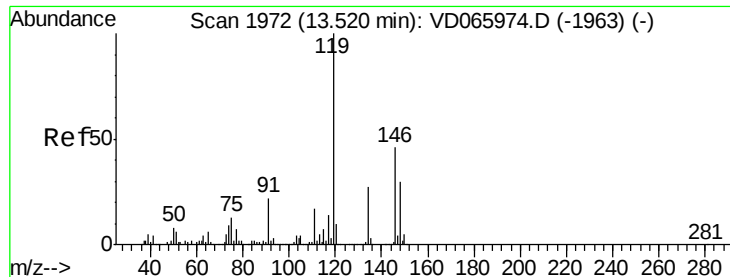
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 22.5 11.1 33.3

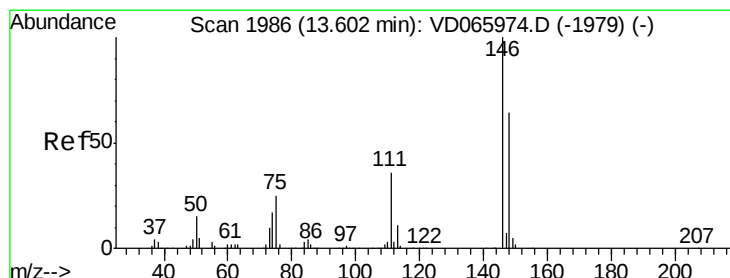
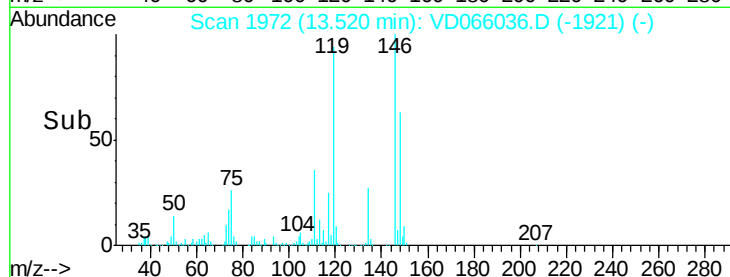
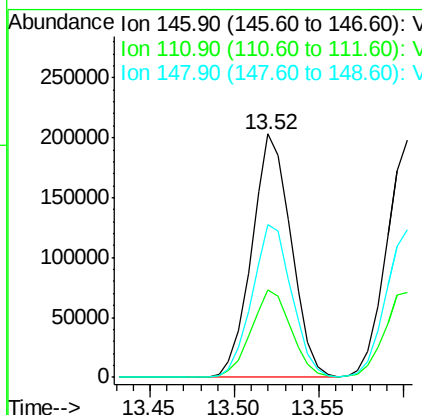
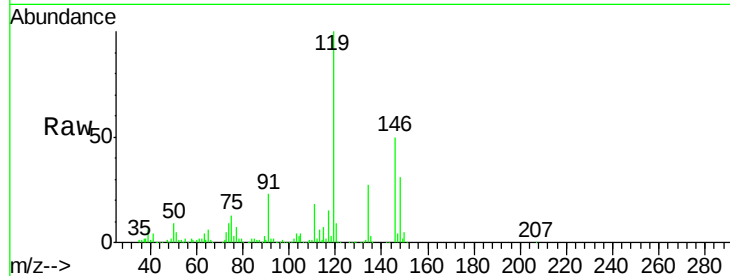




#87
 1,3-Dichlorobenzene
 Concen: 53.817 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

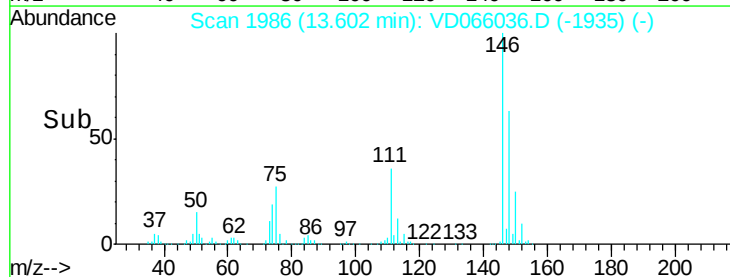
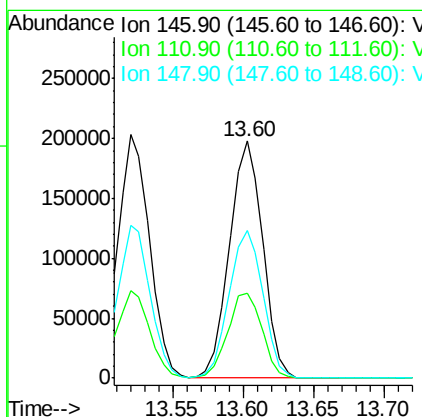
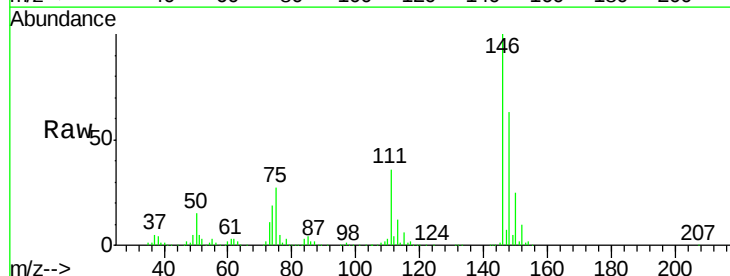
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

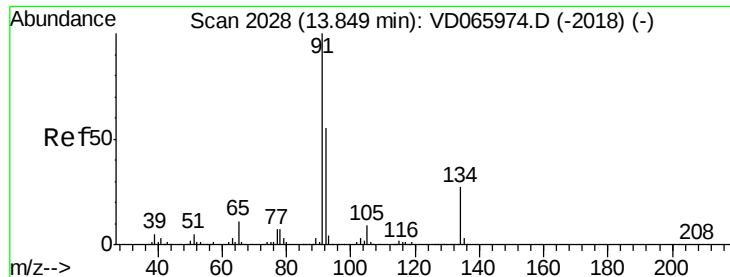
Tot Ion:146 Resp: 328146
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.6 55.6
 148 63.4 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 52.780 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

Tgt Ion:146 Resp: 325345
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.8 56.4
 148 63.5 32.2 96.6

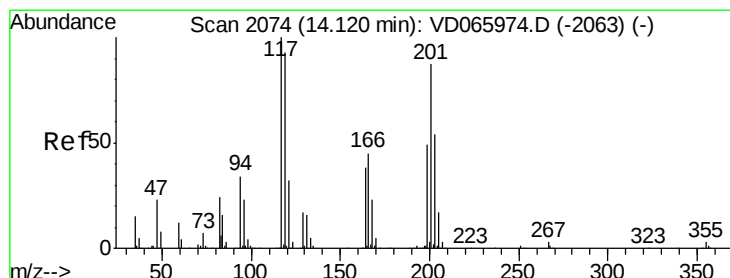
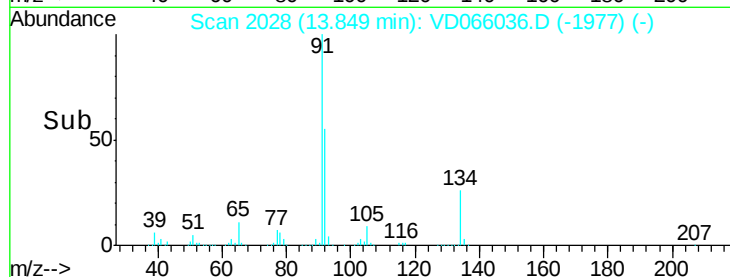
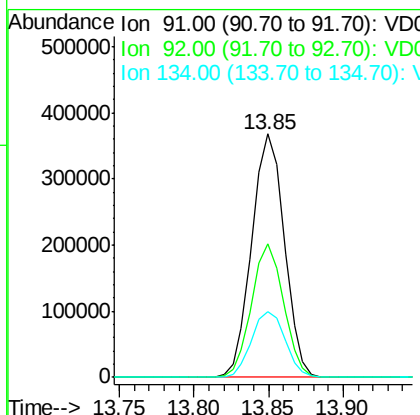
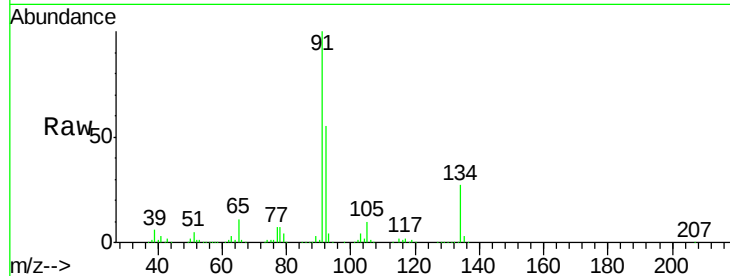




#89
n-Butylbenzene
Concen: 51.667 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

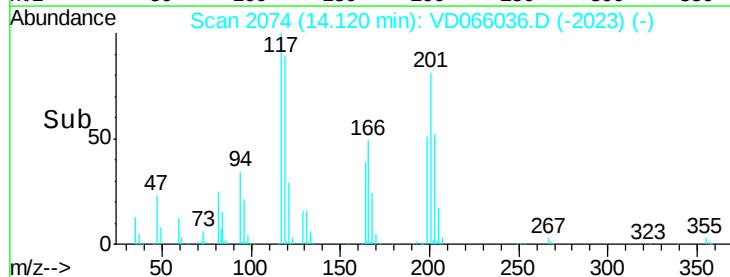
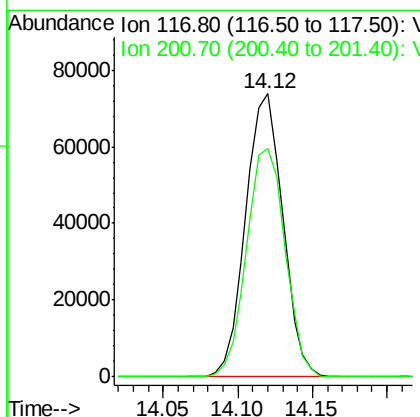
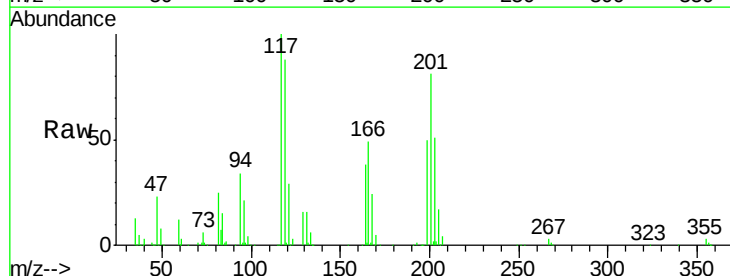
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

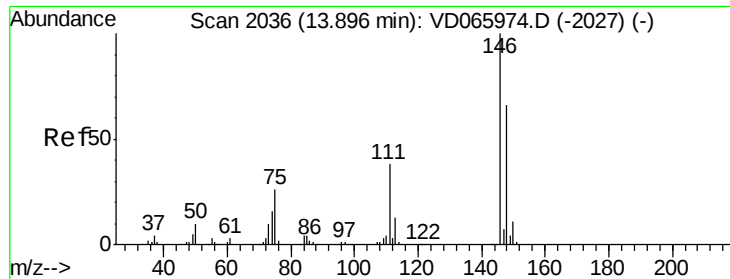
Tot Ion: 91 Resp: 555406
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 27.9 13.8 41.4



#90
Hexachloroethane
Concen: 53.258 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066036.D
Acq: 23 Jul 2020 20:36

Tgt Ion: 117 Resp: 127462
Ion Ratio Lower Upper
117 100
201 83.4 42.0 126.1





#91

1,2-Dichlorobenzene

Concen: 54.397 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

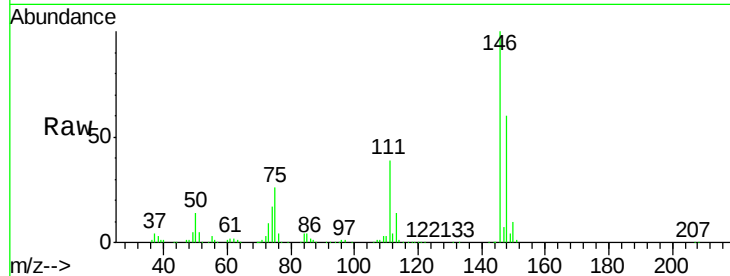
Tot Ion:146 Resp: 287416

Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.9

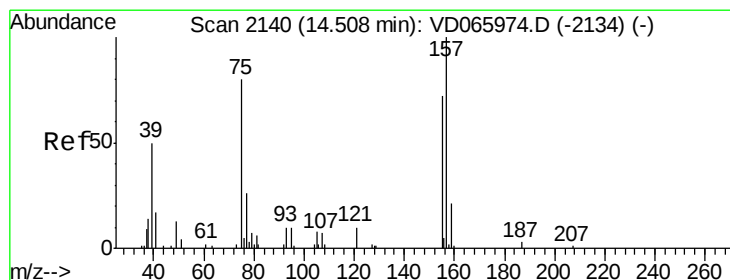
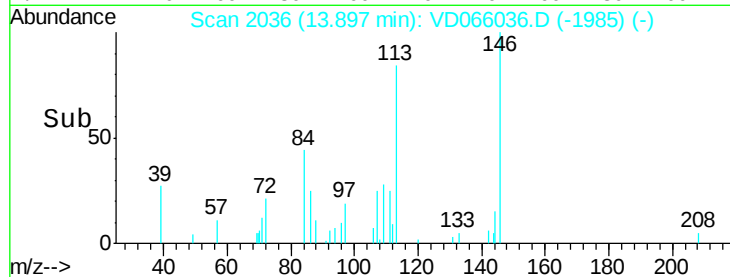
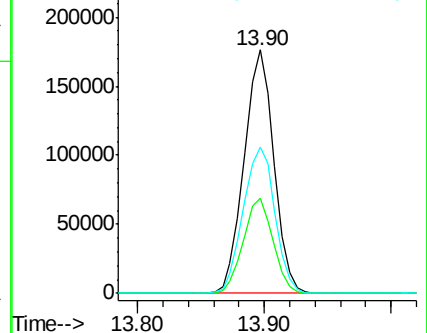
148 64.0 32.7 98.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.936 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.01 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

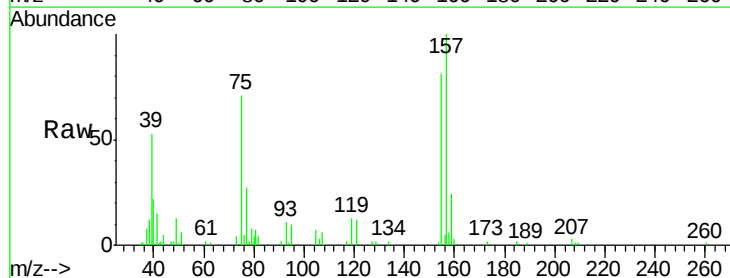
Tgt Ion: 75 Resp: 17729

Ion Ratio Lower Upper

75 100

155 99.2 48.5 145.5

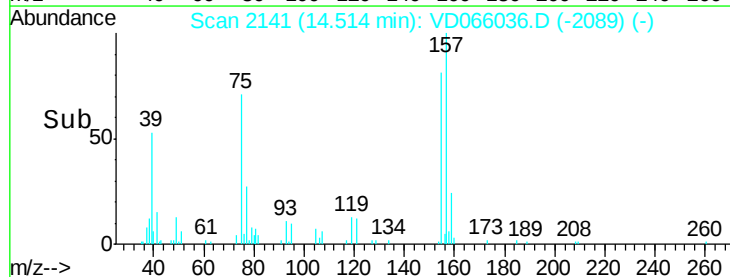
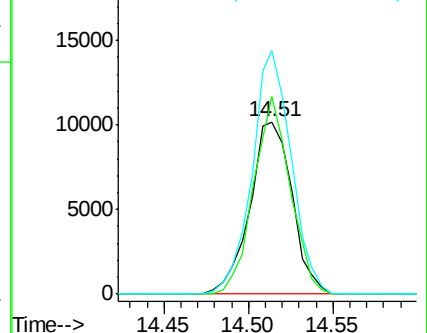
157 131.2 64.7 194.1

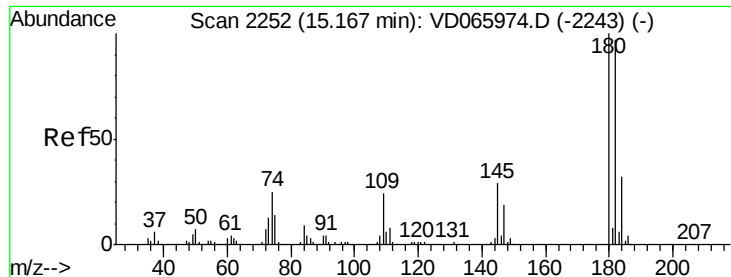


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

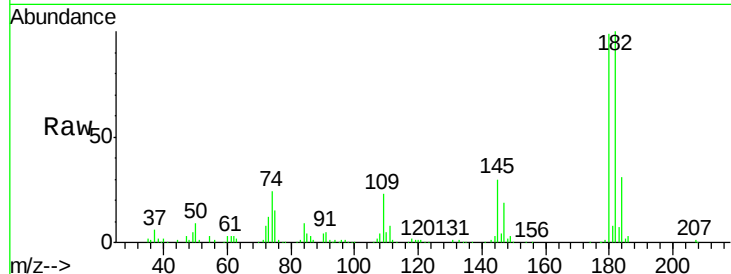




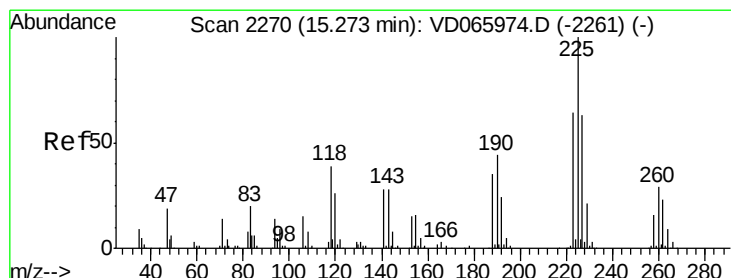
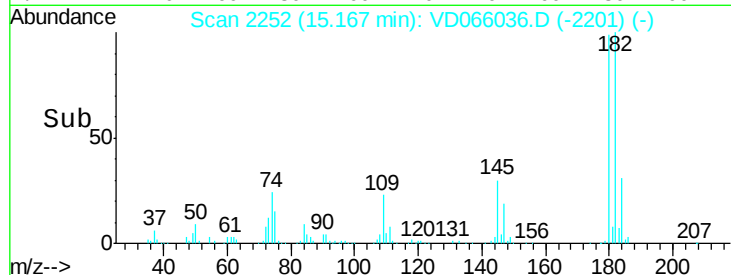
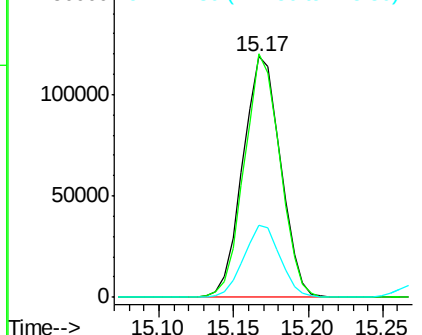
#93
 1,2,4-Trichlorobenzene
 Concen: 54.757 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.1	144.3
145	29.1	14.7	44.1

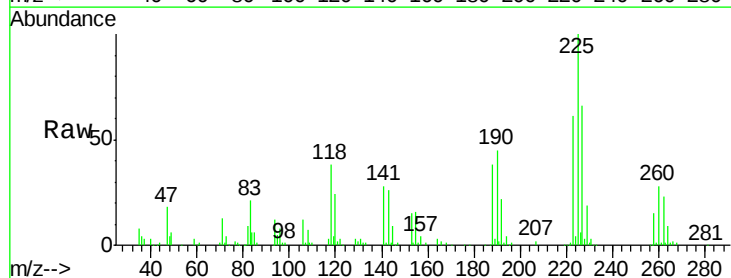


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

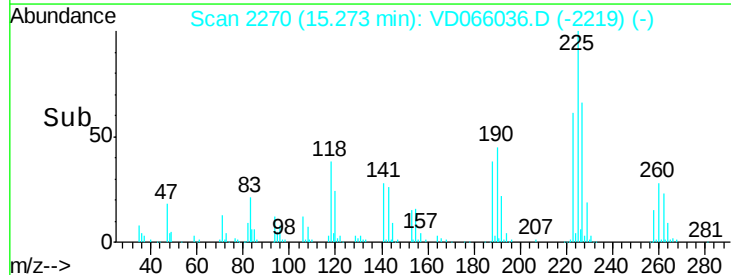
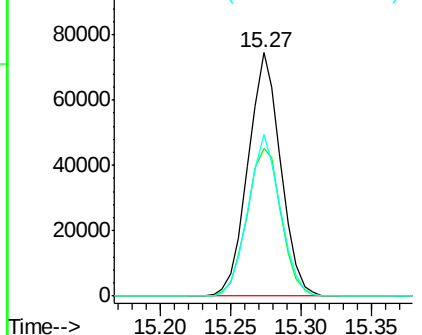


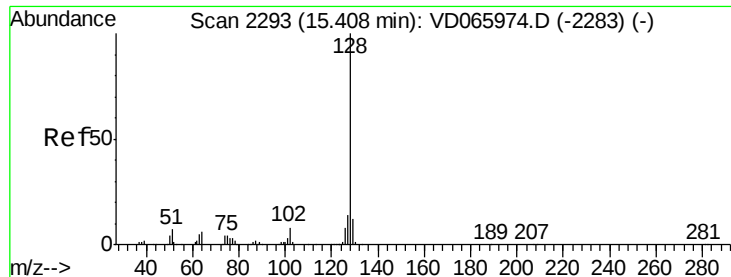
#94
 Hexachlorobutadiene
 Concen: 51.642 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066036.D
 Acq: 23 Jul 2020 20:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.2	93.6
227	65.2	31.6	94.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.781 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

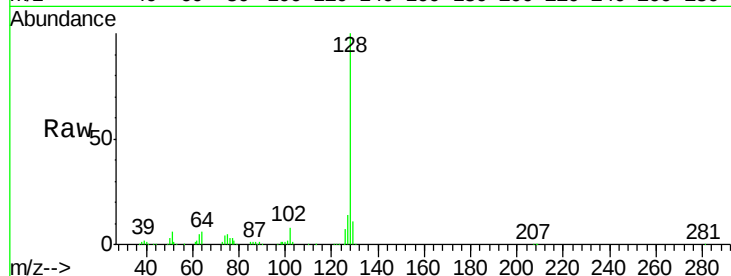
Tot Ion:128 Resp: 342894

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

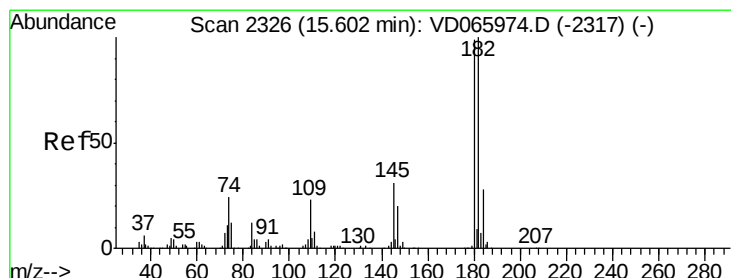
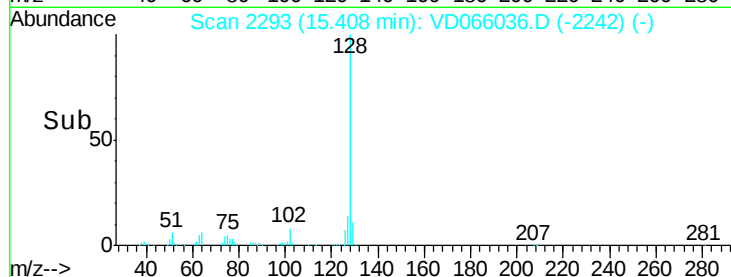
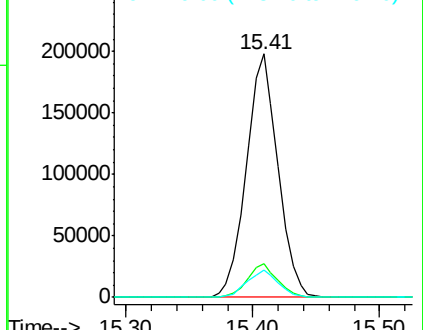
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.924 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066036.D

Acq: 23 Jul 2020 20:36

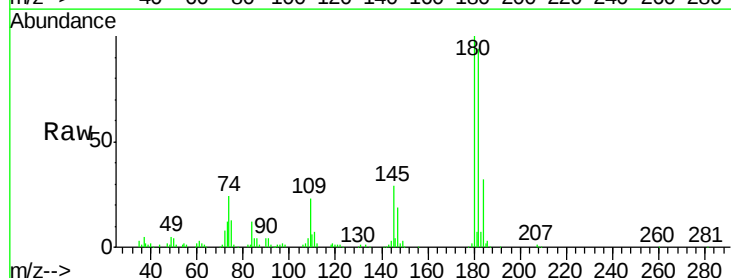
Tgt Ion:180 Resp: 184386

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

145 29.9 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

