

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066060.D
 Acq On : 24 Jul 2020 21:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 24 23:56:17 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	259992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	399536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	382913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	205110	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	123101	58.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.38%	
35) Dibromofluoromethane	7.91	113	131336	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
50) Toluene-d8	10.34	98	491265	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
62) 4-Bromofluorobenzene	12.64	95	177142	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	76982	39.016	ug/l	95
3) Chloromethane	2.20	50	68862	42.767	ug/l	97
4) Vinyl Chloride	2.35	62	66240	43.199	ug/l	100
5) Bromomethane	2.77	94	51931	47.951	ug/l	99
6) Chloroethane	2.93	64	44566	48.688	ug/l	92
7) Trichlorofluoromethane	3.27	101	168784	45.255	ug/l	100
8) Diethyl Ether	3.71	74	52620	51.042	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	97789	43.423	ug/l	98
10) Methyl Iodide	4.30	142	119305	52.014	ug/l	96
11) Tert butyl alcohol	5.21	59	32340	242.131	ug/l #	83
12) 1,1-Dichloroethene	4.06	96	96747	45.006	ug/l	99
13) Acrolein	3.93	56	39836	223.499	ug/l	99
14) Allyl chloride	4.71	41	159761	47.544	ug/l	93
15) Acrylonitrile	5.41	53	113377	257.425	ug/l	97
16) Acetone	4.15	43	85467	199.590	ug/l	93
17) Carbon Disulfide	4.40	76	303438	43.517	ug/l	99
18) Methyl Acetate	4.71	43	48736	48.924	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	242391	54.881	ug/l	97
20) Methylene Chloride	4.96	84	130978	55.652	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	123648	50.894	ug/l	96
22) Diisopropyl ether	6.36	45	335103	52.492	ug/l	98
23) Vinyl Acetate	6.30	43	953124	264.732	ug/l #	92
24) 1,1-Dichloroethane	6.27	63	202915	52.459	ug/l	100
25) 2-Butanone	7.21	43	129782	228.408	ug/l	93
26) 2,2-Dichloropropane	7.20	77	156970	45.127	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	138060	53.671	ug/l	97
28) Bromochloromethane	7.55	49	91455	55.707	ug/l	93
29) Tetrahydrofuran	7.56	42	85218	243.074	ug/l	95
30) Chloroform	7.71	83	220953	54.608	ug/l	99
31) Cyclohexane	7.98	56	150652	39.588	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	191368	51.131	ug/l	99
36) 1,1-Dichloropropene	8.11	75	154644	45.352	ug/l	99
37) Ethyl Acetate	7.30	43	65402	50.223	ug/l	98
38) Carbon Tetrachloride	8.10	117	174518	47.169	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066060.D
 Acq On : 24 Jul 2020 21:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jul 24 23:56:17 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)

39) Methylcyclohexane	9.36	83	173898	42.113	ug/l	99
40) Benzene	8.36	78	464216	48.662	ug/l	97
41) Methacrylonitrile	7.56	41	90272	121.009	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	139066	53.199	ug/l	97
43) Isopropyl Acetate	8.45	43	126137	49.593	ug/l	97
44) Trichloroethene	9.11	130	142804	49.468	ug/l	93
45) 1,2-Dichloropropane	9.39	63	116428	50.393	ug/l	99
46) Dibromomethane	9.48	93	65895	52.980	ug/l	96
47) Bromodichloromethane	9.66	83	172385	52.418	ug/l	97
48) Methyl methacrylate	9.46	41	59726	46.553	ug/l	87
49) 1,4-Dioxane	9.47	88	12989	901.407	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	317749	247.947	ug/l	98
52) Toluene	10.41	92	322609	51.857	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	161368	52.668	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	188861	50.852	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	92446	52.408	ug/l	95
56) Ethyl methacrylate	10.67	69	111320	54.279	ug/l	98
57) 1,3-Dichloropropane	10.95	76	150916	51.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	245388	250.468	ug/l	100
59) 2-Hexanone	10.99	43	215535	242.699	ug/l	97
60) Dibromochloromethane	11.14	129	128348	53.964	ug/l	99
61) 1,2-Dibromoethane	11.25	107	89448	52.592	ug/l	99
64) Tetrachloroethene	10.88	164	127321	48.989	ug/l	98
65) Chlorobenzene	11.67	112	350510	49.995	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.75	131	141151	54.525	ug/l	98
67) Ethyl Benzene	11.75	91	604513	50.104	ug/l	98
68) m/p-Xylenes	11.86	106	475045	102.438	ug/l	99
69) o-Xylene	12.18	106	223714	53.040	ug/l	99
70) Styrene	12.20	104	391631	54.041	ug/l	99
71) Bromoform	12.36	173	80765	53.262	ug/l #	100
73) Isopropylbenzene	12.48	105	588934	47.452	ug/l	100
74) N-amyl acetate	12.30	43	124241	48.280	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	96318	46.959	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	124316	80.496	ug/l #	100
77) Bromobenzene	12.77	156	160382	50.564	ug/l	94
78) n-propylbenzene	12.83	91	677547	47.045	ug/l	99
79) 2-Chlorotoluene	12.91	91	402386	48.905	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	500731	49.107	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	31403	46.659	ug/l	95
82) 4-Chlorotoluene	13.01	91	422949	48.701	ug/l	99
83) tert-Butylbenzene	13.23	119	446443	50.034	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	514775	51.171	ug/l	98
85) sec-Butylbenzene	13.41	105	581208	47.290	ug/l	98
86) p-Isopropyltoluene	13.52	119	560379	50.188	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	292302	49.636	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	287559	48.303	ug/l	100
89) n-Butylbenzene	13.85	91	481752	46.402	ug/l	99
90) Hexachloroethane	14.12	117	111064	48.050	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	257001	50.363	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16159	48.070	ug/l	98

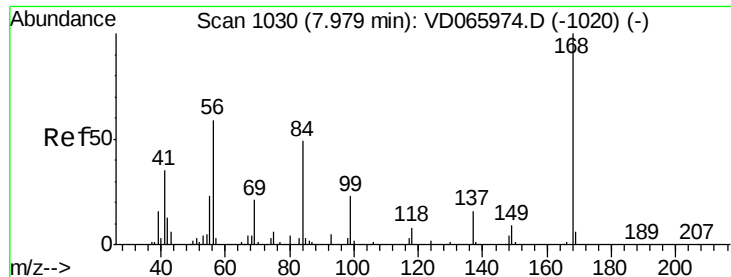
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072420\
Data File : VD066060.D
Acq On : 24 Jul 2020 21:08
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 24 23:56:17 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.17	180	182134	49.724	ug/l	99
94) Hexachlorobutadiene	15.27	225	104332	46.073	ug/l	96
95) Naphthalene	15.41	128	305001	47.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	164477	51.653	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: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

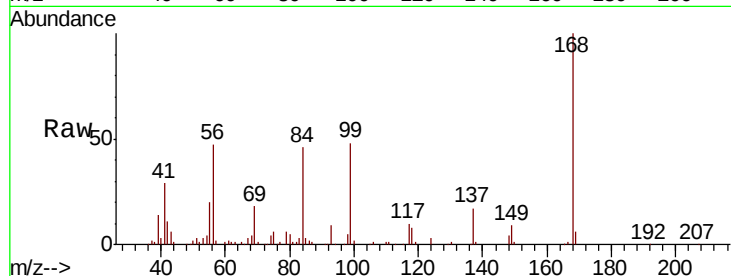
VSTDCCC050EC

Tot Ion:168 Resp: 259992

Ion Ratio Lower Upper

168 100

99 48.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

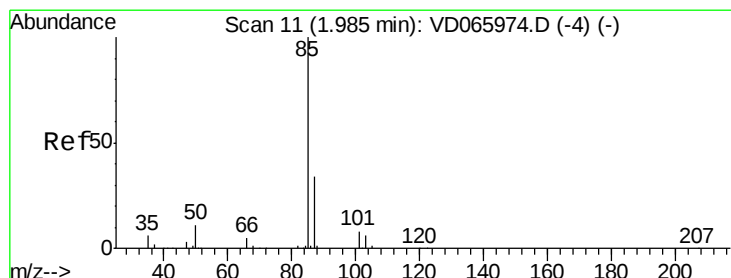
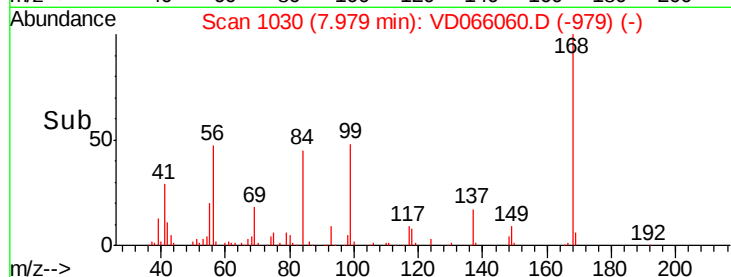
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 39.016 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066060.D

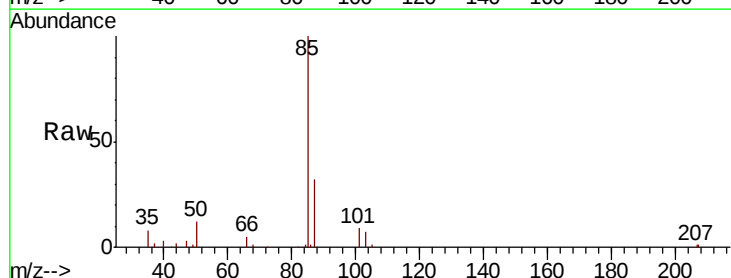
Acq: 24 Jul 2020 21:08

Tgt Ion: 85 Resp: 76982

Ion Ratio Lower Upper

85 100

87 31.9 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

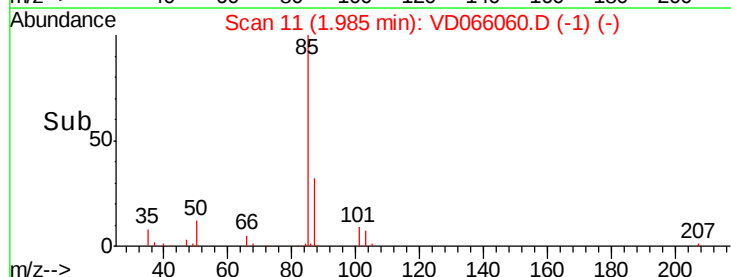
40000

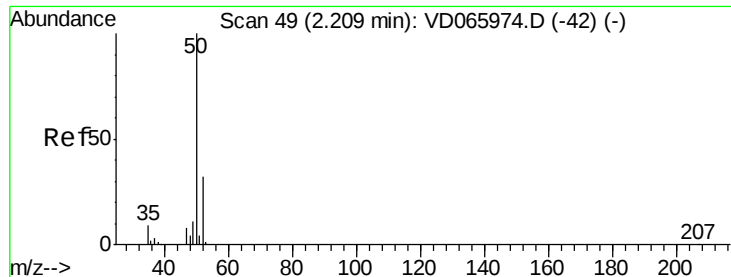
20000

0

Time-->

1.90 1.95 2.00 2.05





#3

Chloromethane

Concen: 42.767 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

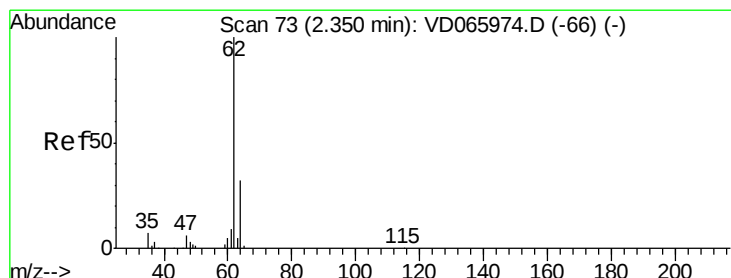
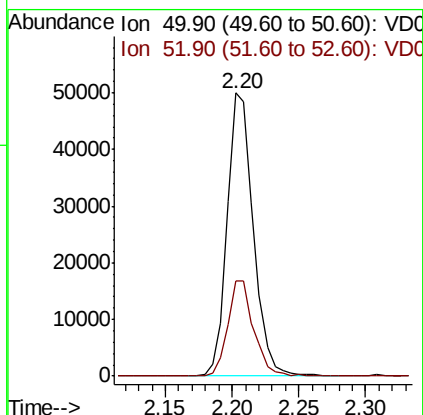
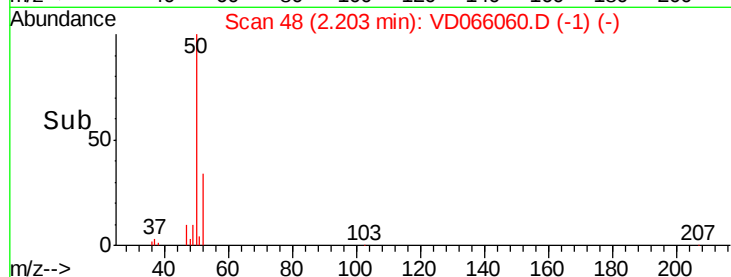
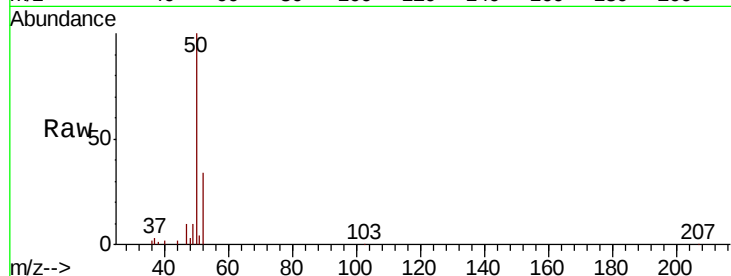
VSTDCCC050EC

Tot Ion: 50 Resp: 68862

Ion Ratio Lower Upper

50 100

52 33.8 25.8 38.8



#4

Vinyl Chloride

Concen: 43.199 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066060.D

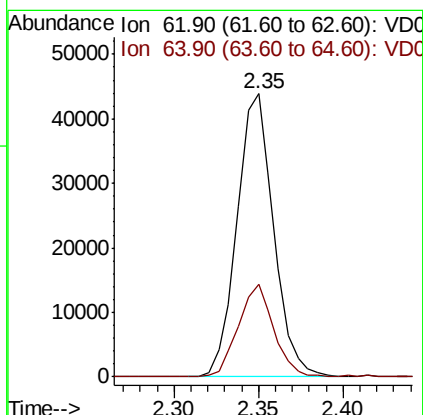
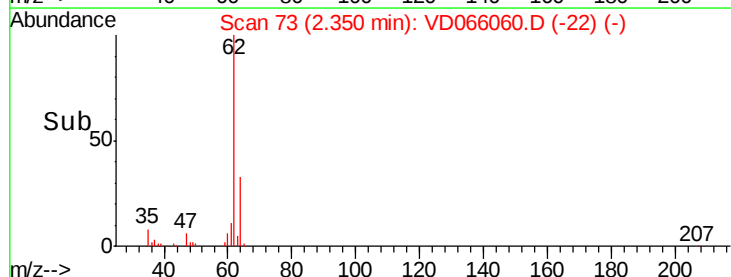
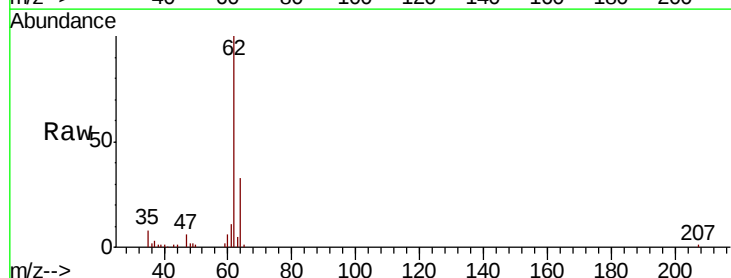
Acq: 24 Jul 2020 21:08

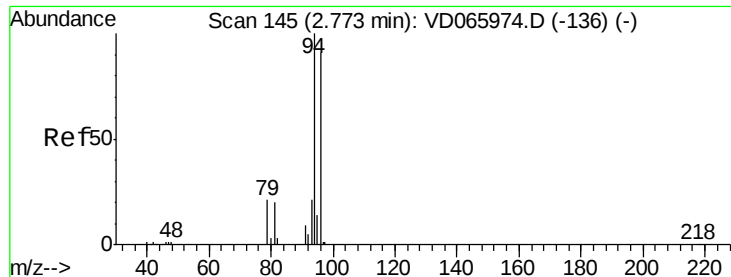
Tgt Ion: 62 Resp: 66240

Ion Ratio Lower Upper

62 100

64 32.6 25.8 38.8





#5

Bromomethane

Concen: 47.951 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

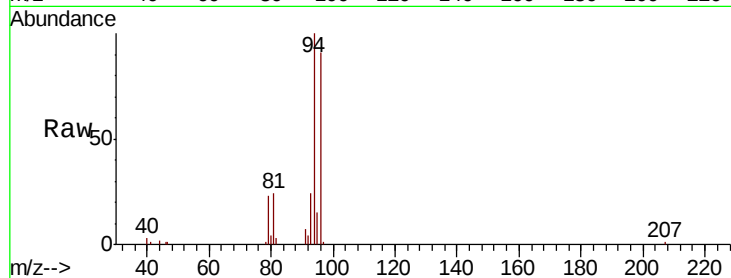
VSTDCCC050EC

Tot Ion: 94 Resp: 51931

Ion Ratio Lower Upper

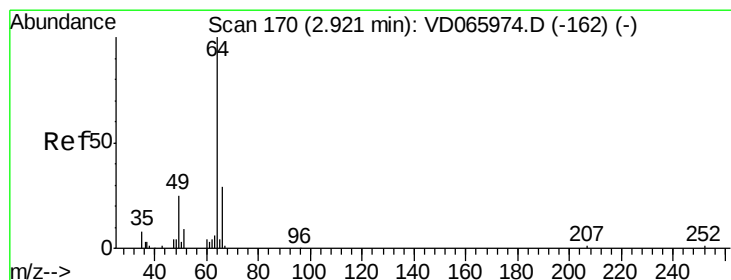
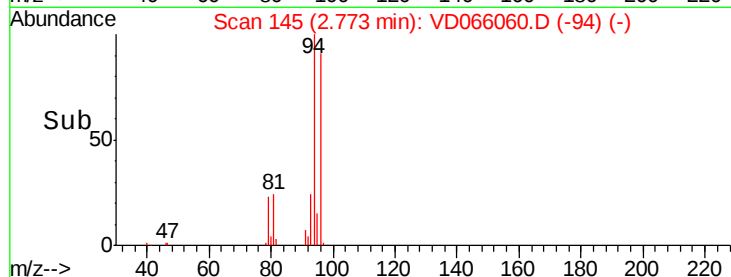
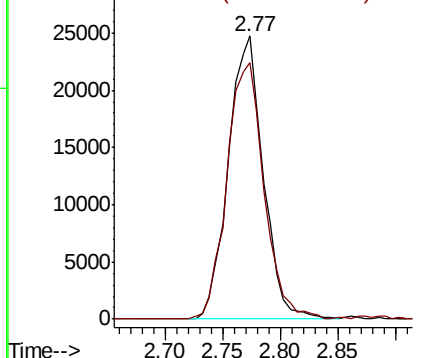
94 100

96 90.7 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: 48.688 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066060.D

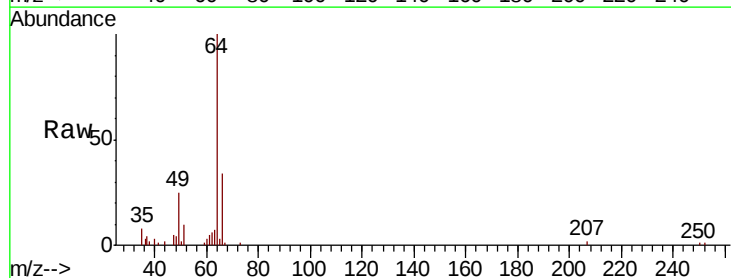
Acq: 24 Jul 2020 21:08

Tgt Ion: 64 Resp: 44566

Ion Ratio Lower Upper

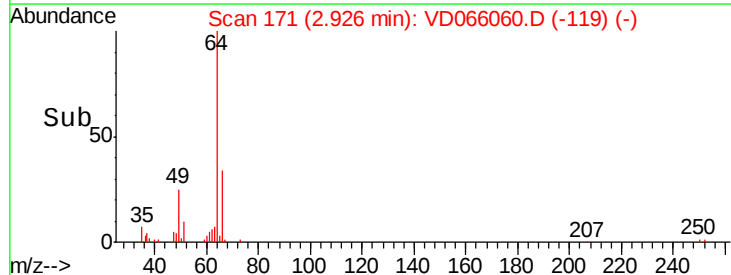
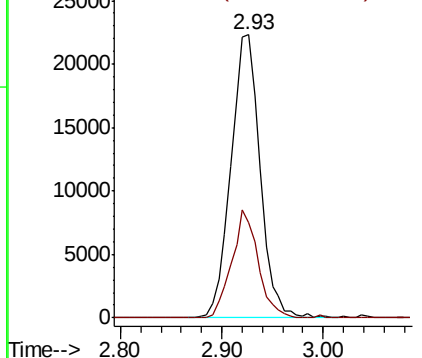
64 100

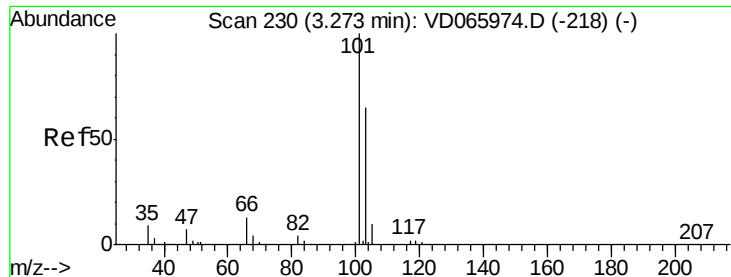
66 33.6 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



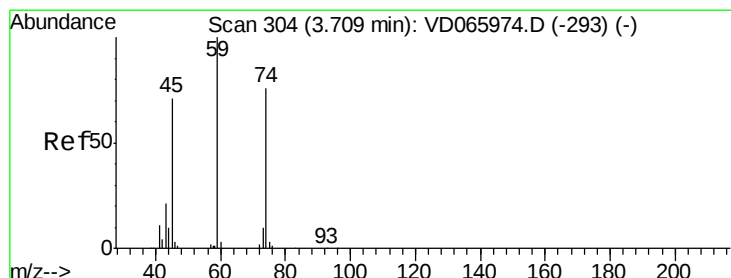
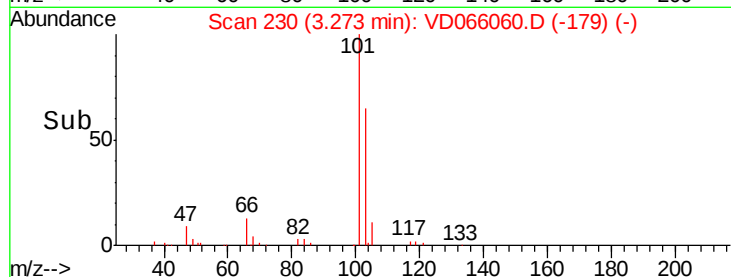
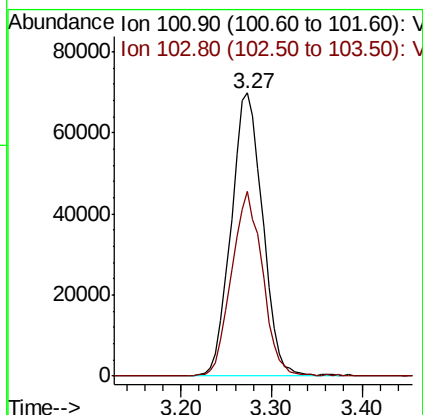
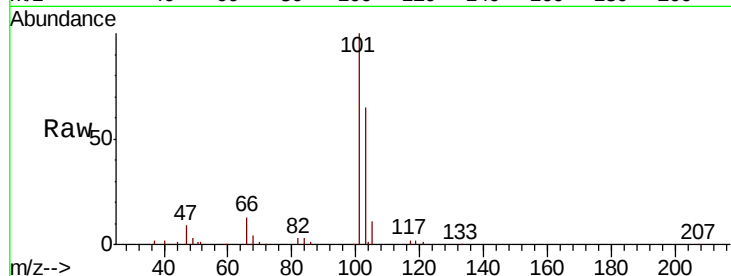


#7

Trichlorofluoromethane
Concen: 45.255 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

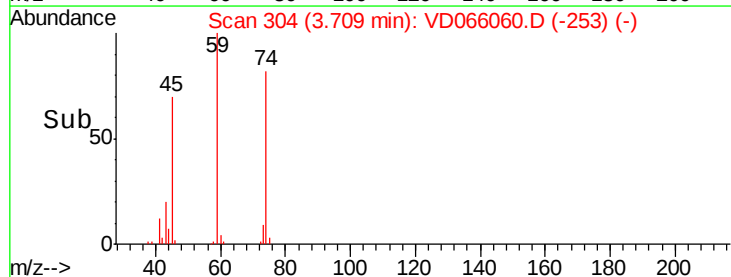
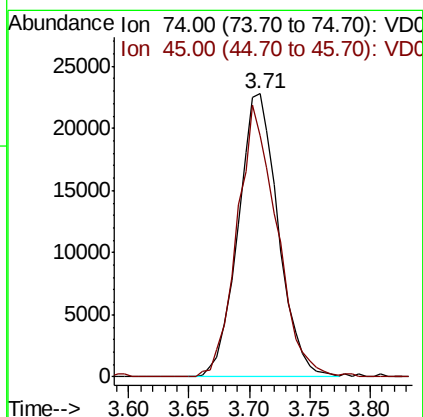
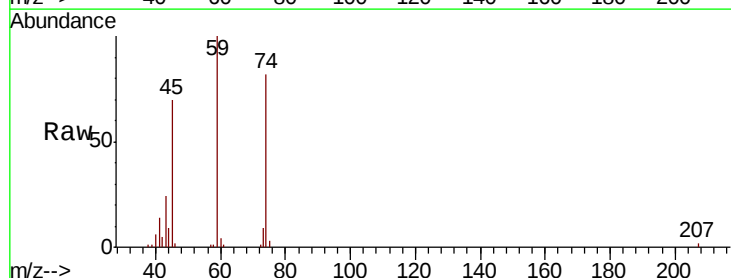
Tot Ion:101 Resp: 168784
Ion Ratio Lower Upper
101 100
103 65.2 52.1 78.1

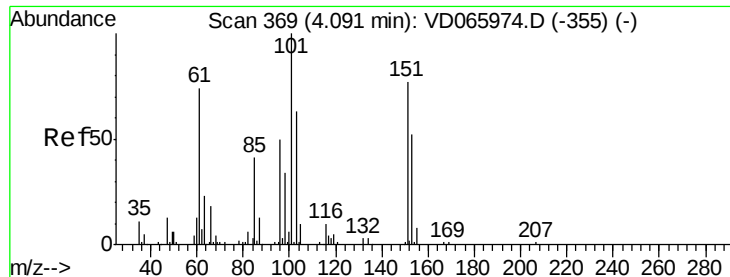


#8

Diethyl Ether
Concen: 51.042 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion: 74 Resp: 52620
Ion Ratio Lower Upper
74 100
45 95.5 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.423 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

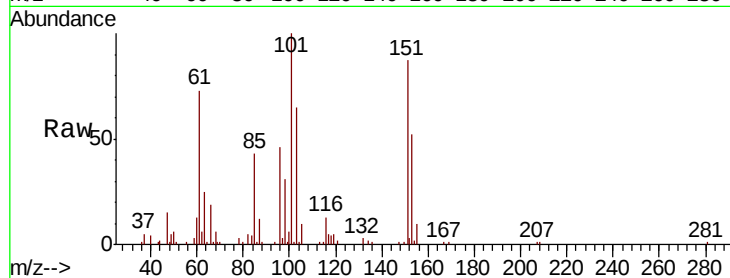
Tot Ion:101 Resp: 97789

Ion Ratio Lower Upper

101 100

85 43.6 33.6 50.4

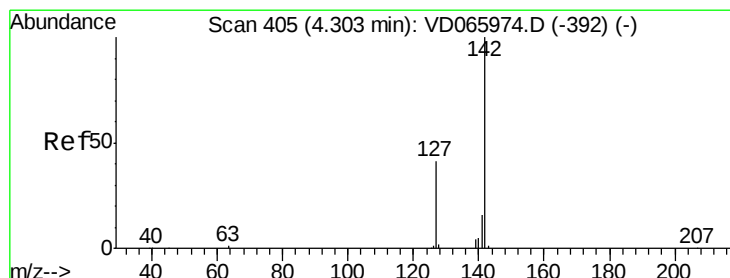
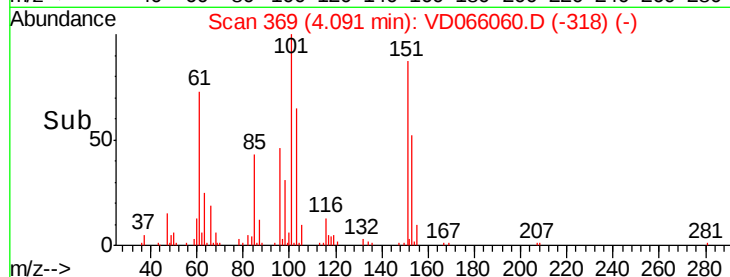
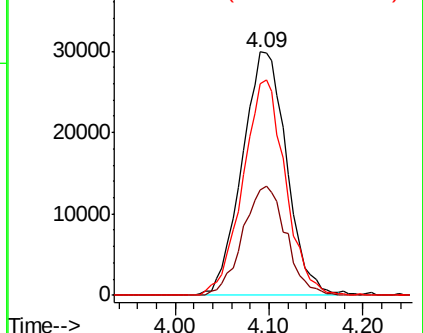
151 84.5 66.6 99.8



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: 52.014 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

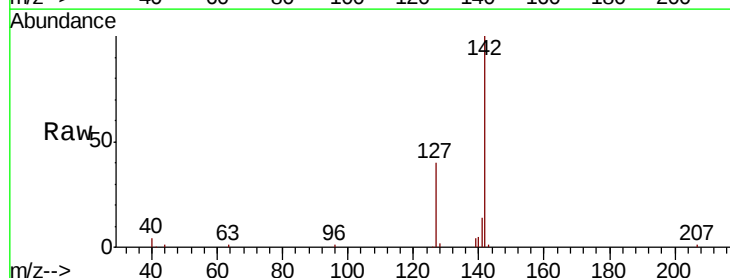
Tgt Ion:142 Resp: 119305

Ion Ratio Lower Upper

142 100

127 44.2 32.9 49.3

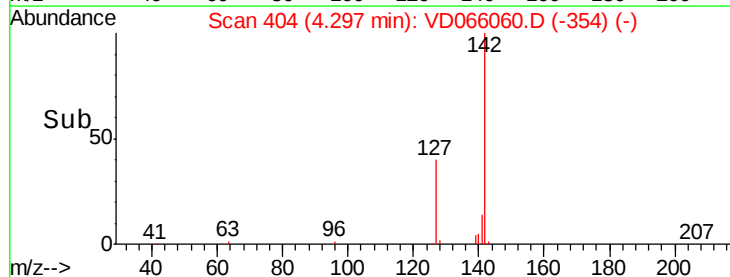
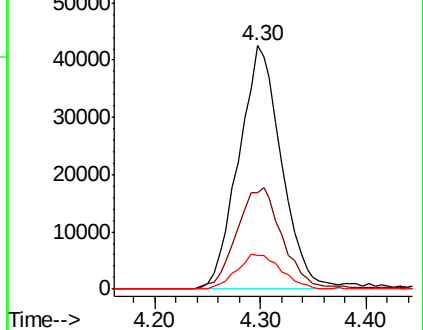
141 14.8 11.8 17.6

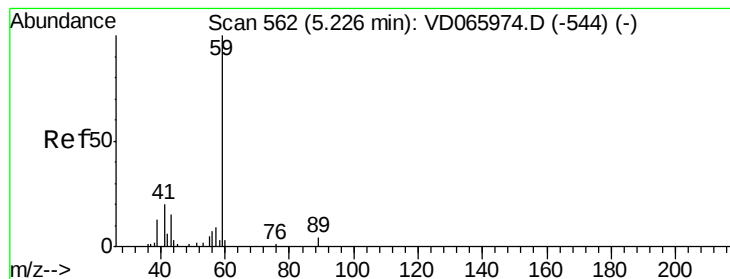


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



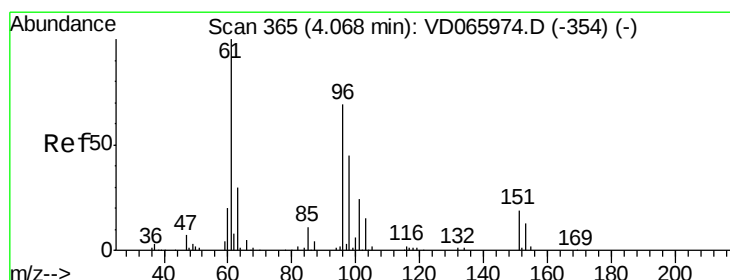
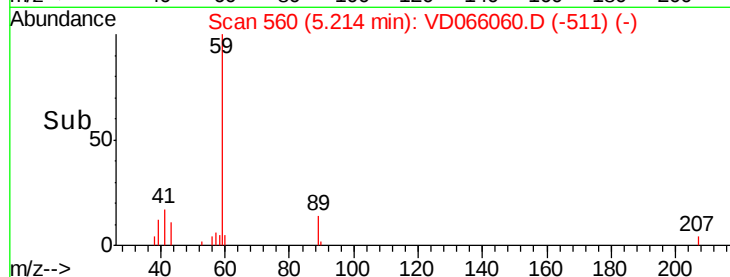
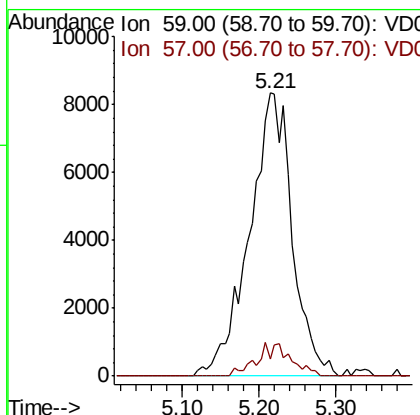
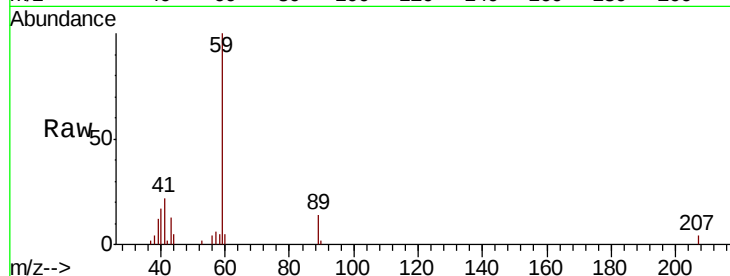


#11

Tert butyl alcohol
 Concen: 242.131 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

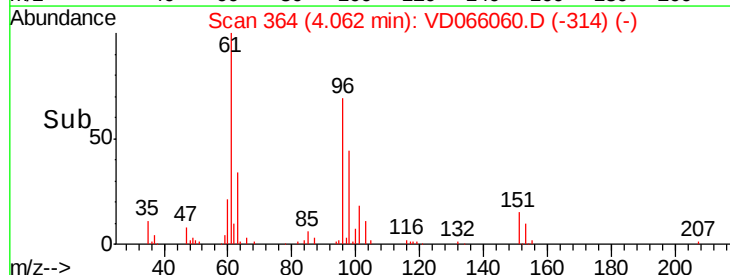
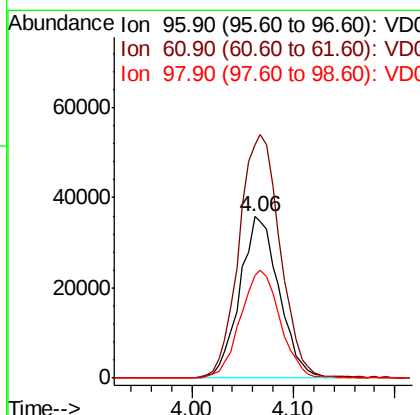
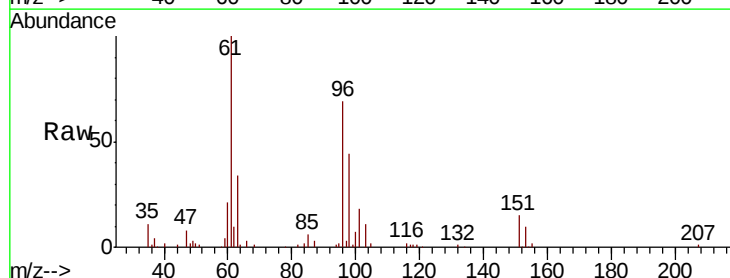
Tot Ion: 59 Resp: 32340
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.5 6.7#

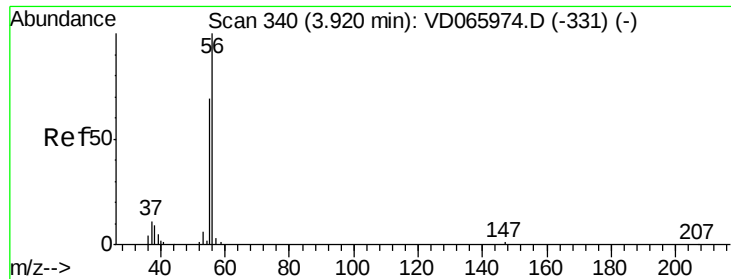


#12

1,1-Dichloroethene
 Concen: 45.006 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

Tgt Ion: 96 Resp: 96747
 Ion Ratio Lower Upper
 96 100
 61 144.8 115.4 173.0
 98 63.5 51.5 77.3





#13

Acrolein

Concen: 223.499 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

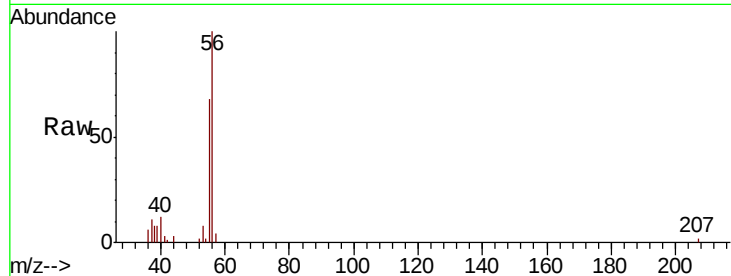
VSTDCCC050EC

Tot Ion: 56 Resp: 39836

Ion Ratio Lower Upper

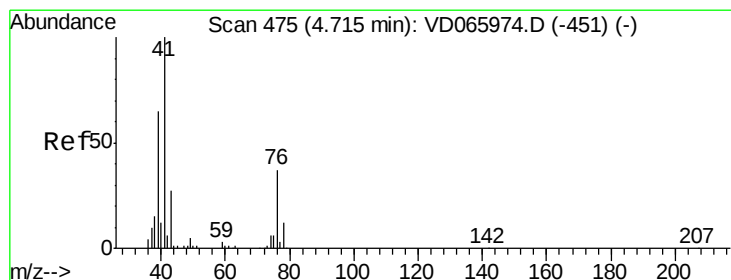
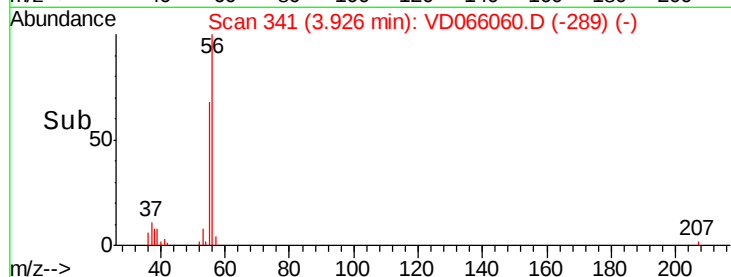
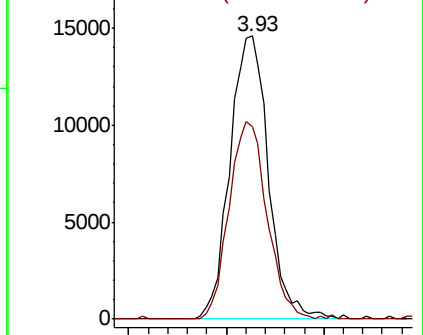
56 100

55 69.0 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 47.544 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

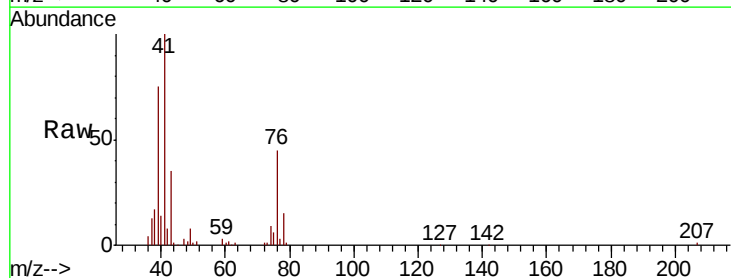
Tgt Ion: 41 Resp: 159761

Ion Ratio Lower Upper

41 100

39 72.6 53.4 80.2

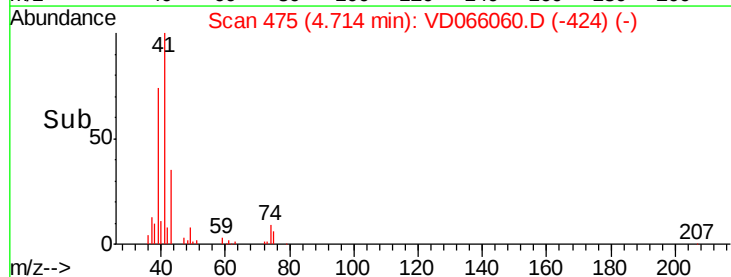
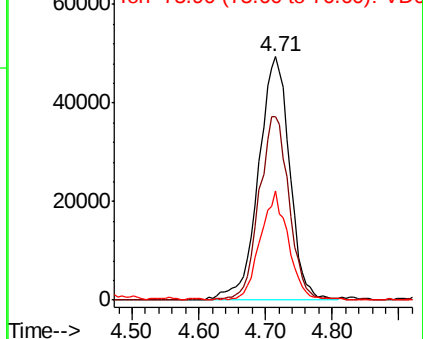
76 40.1 29.1 43.7

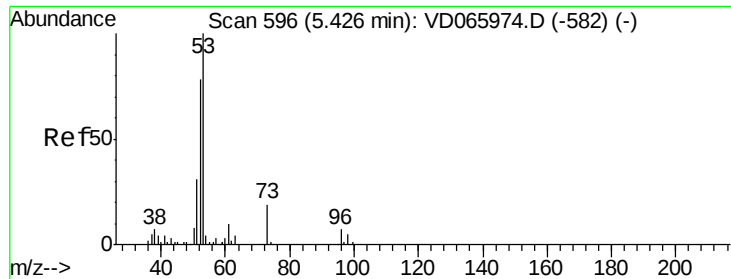


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 257.425 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

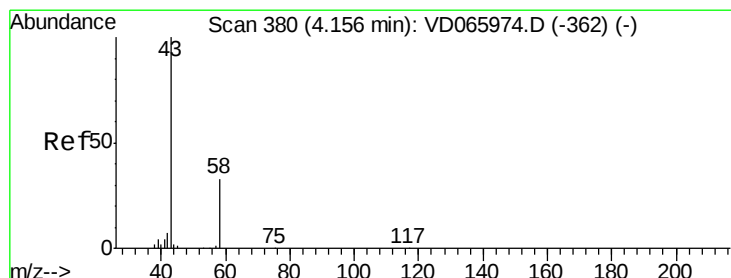
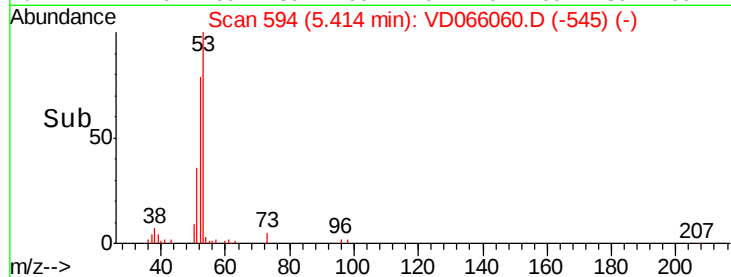
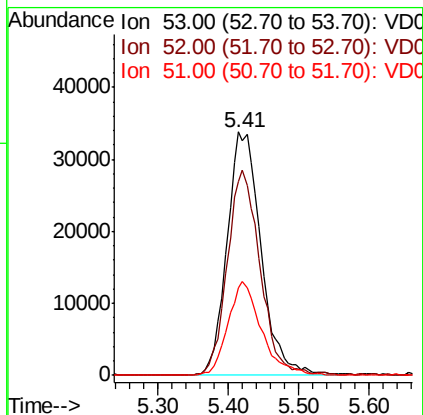
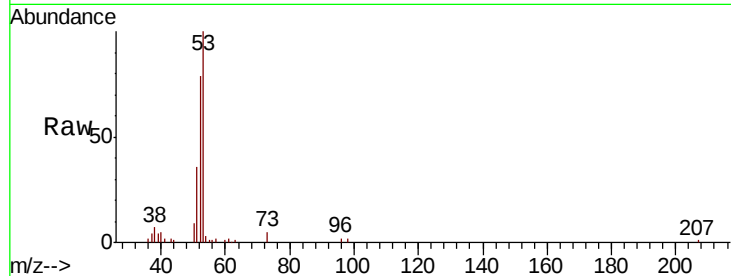
Tot Ion: 53 Resp: 113377

Ion Ratio Lower Upper

53 100

52 81.0 67.1 100.7

51 37.8 28.7 43.1



#16

Acetone

Concen: 199.590 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066060.D

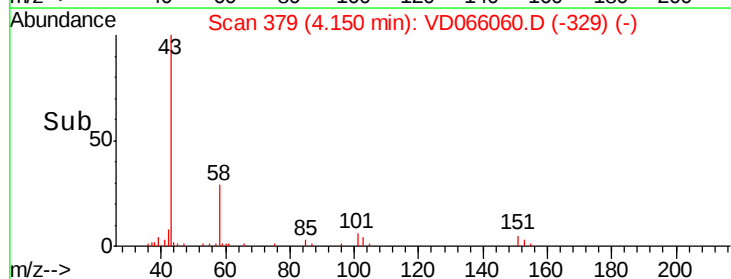
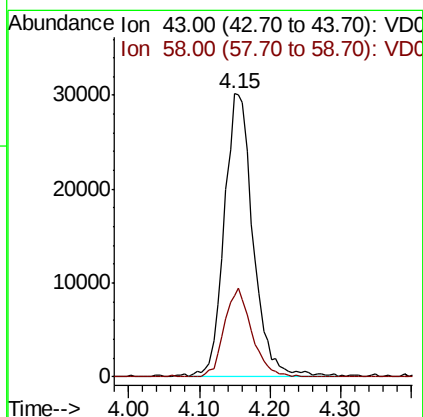
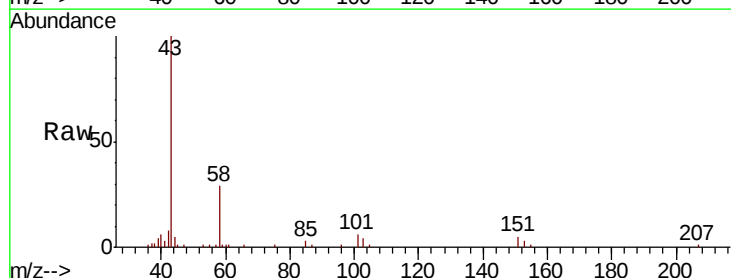
Acq: 24 Jul 2020 21:08

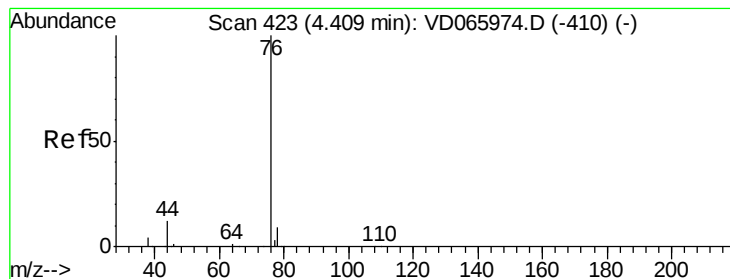
Tgt Ion: 43 Resp: 85467

Ion Ratio Lower Upper

43 100

58 28.8 26.3 39.5





#17

Carbon Disulfide

Concen: 43.517 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

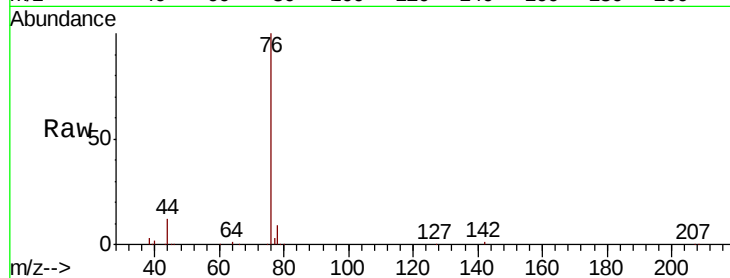
VSTDCCC050EC

Tot Ion: 76 Resp: 303438

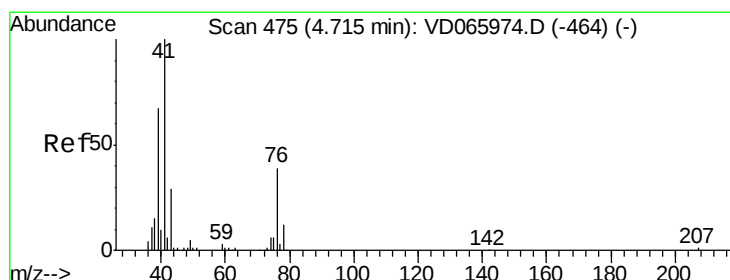
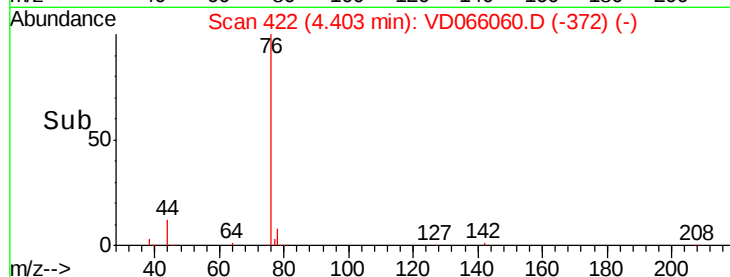
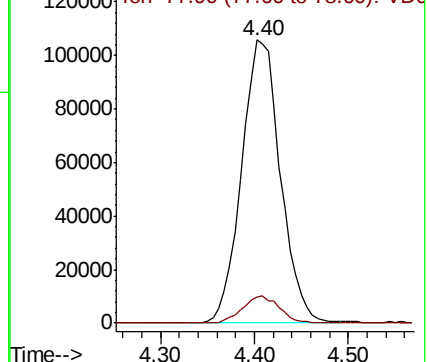
Ion Ratio Lower Upper

76 100

78 9.0 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: 48.924 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066060.D

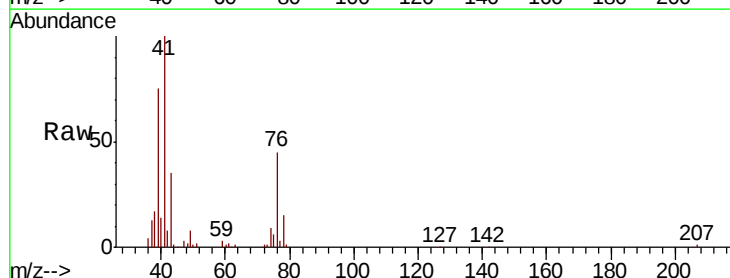
Acq: 24 Jul 2020 21:08

Tgt Ion: 43 Resp: 48736

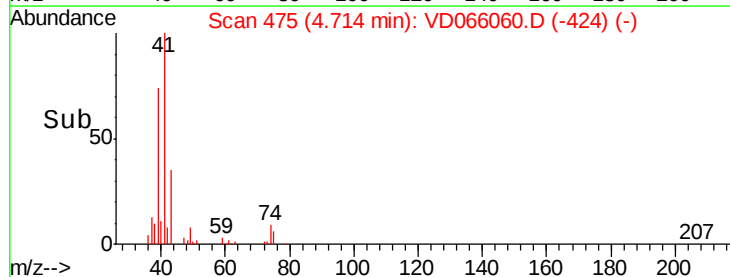
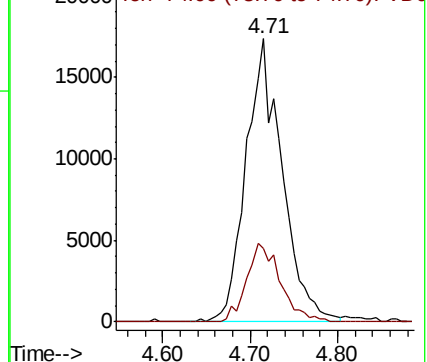
Ion Ratio Lower Upper

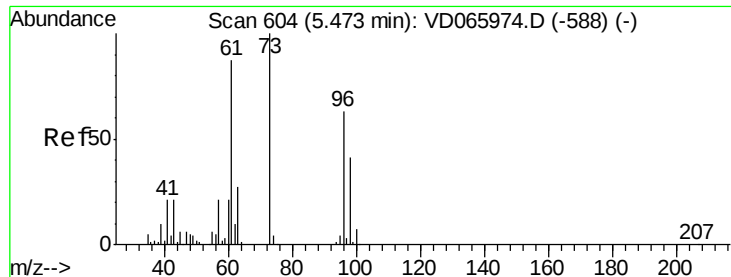
43 100

74 25.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

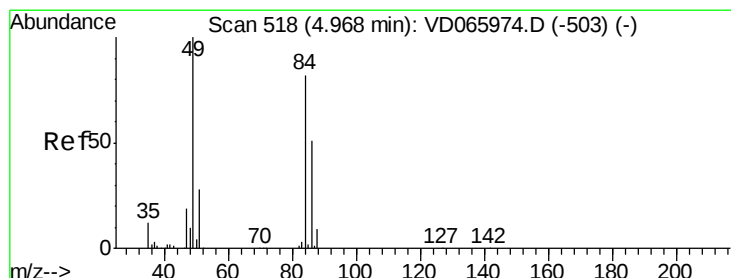
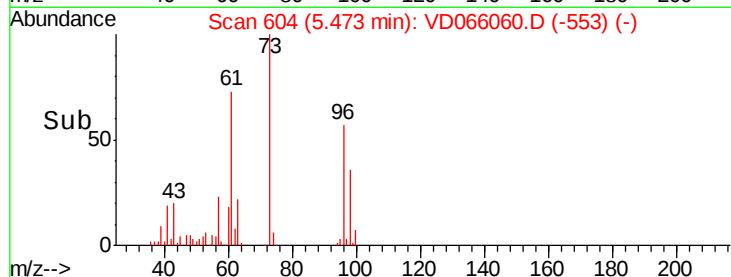
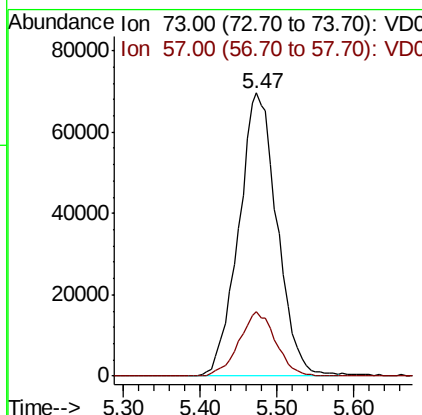
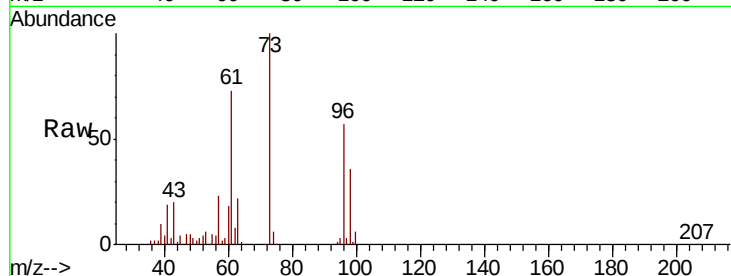




#19
Methyl tert-butyl Ether
Concen: 54.881 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

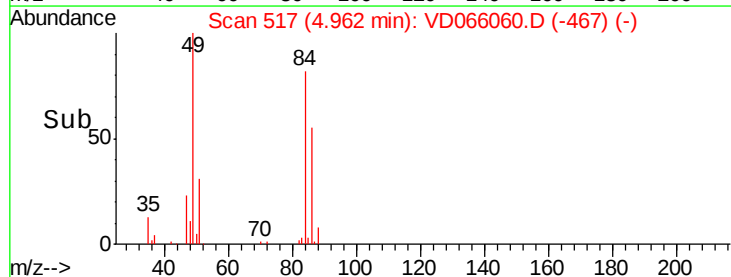
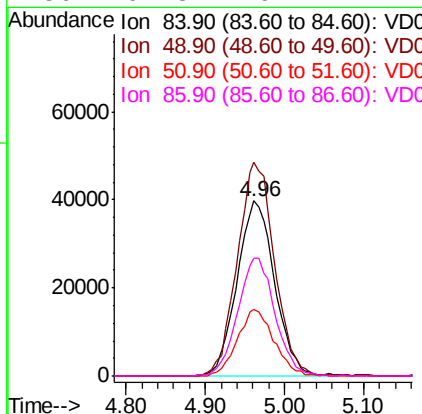
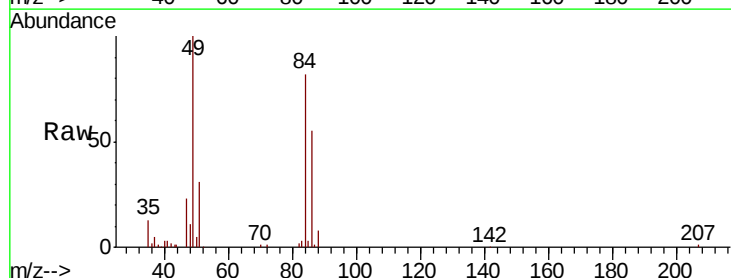
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

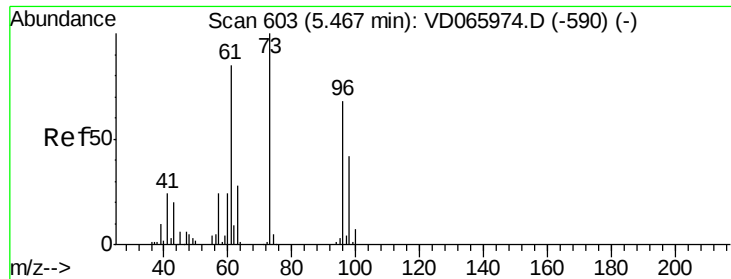
Tot Ion: 73 Resp: 242391
Ion Ratio Lower Upper
73 100
57 22.8 17.0 25.4



#20
Methylene Chloride
Concen: 55.652 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion: 84 Resp: 130978
Ion Ratio Lower Upper
84 100
49 122.1 97.7 146.5
51 38.2 27.4 41.2
86 67.3 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 50.894 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

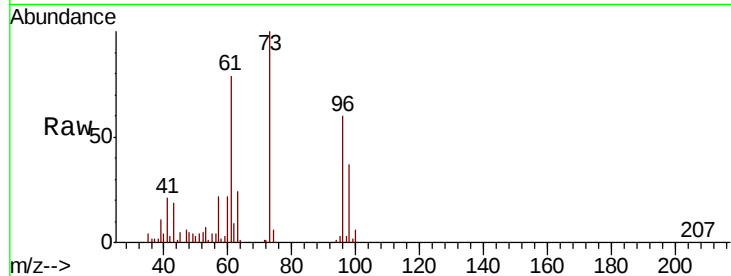
Tot Ion: 96 Resp: 123648

Ion Ratio Lower Upper

96 100

61 131.4 100.5 150.7

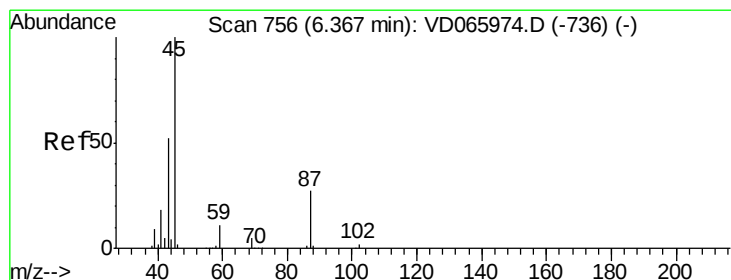
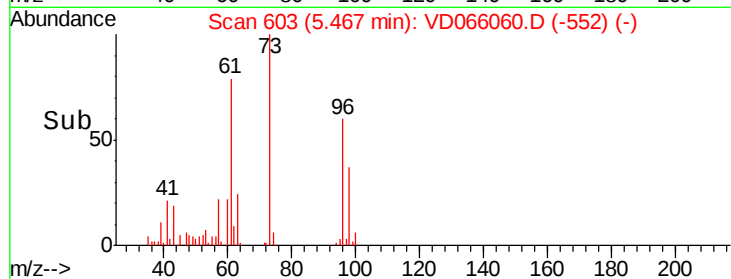
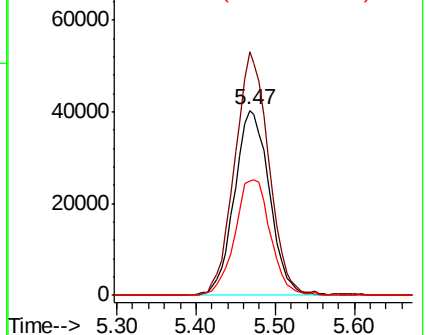
98 61.6 49.7 74.5



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



#22

Diisopropyl ether

Concen: 52.492 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Tgt Ion: 45 Resp: 335103

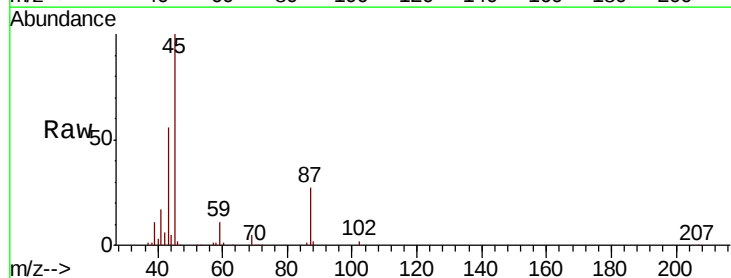
Ion Ratio Lower Upper

45 100

43 55.0 43.0 64.4

87 26.6 22.0 33.0

59 11.4 9.1 13.7

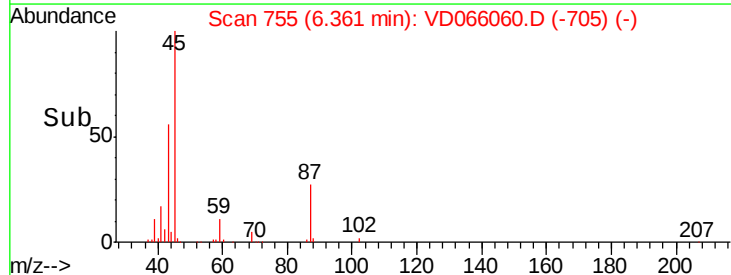
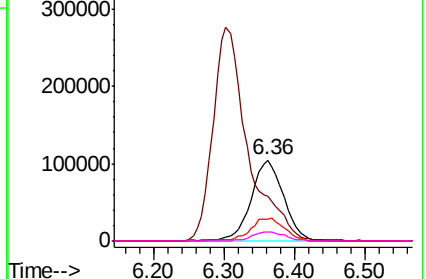


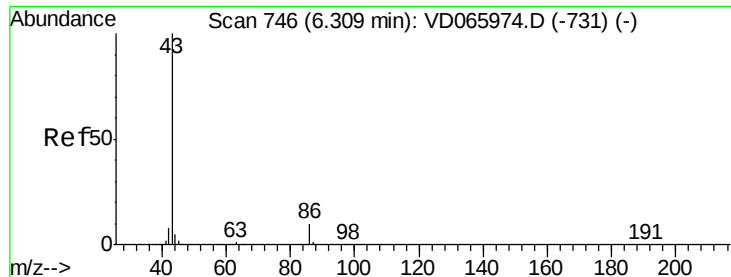
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 264.732 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

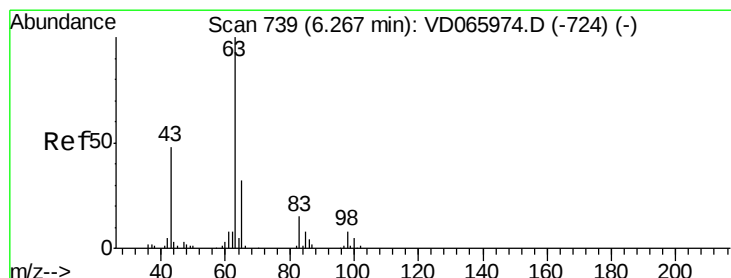
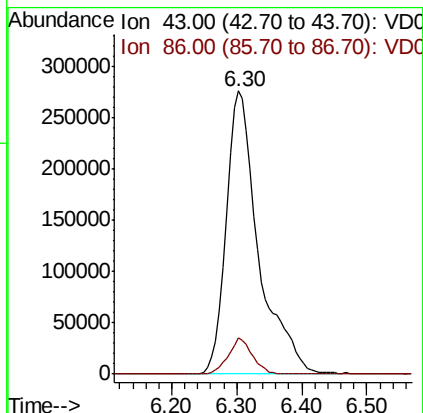
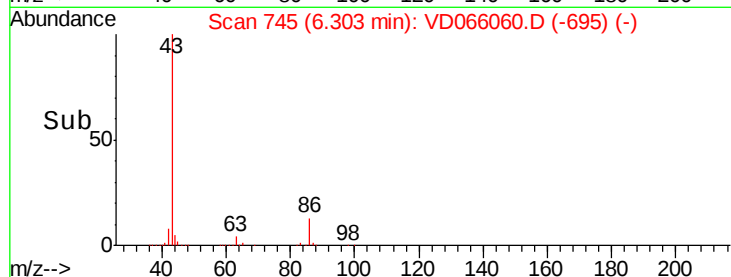
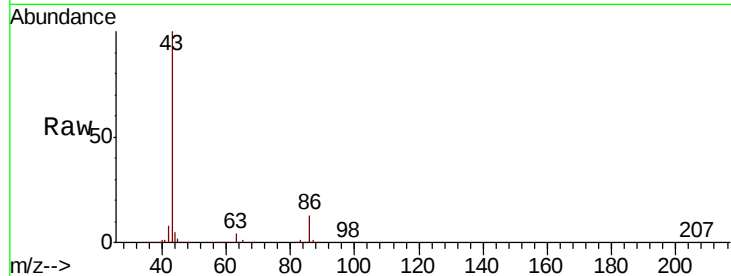
VSTDCCC050EC

Tot Ion: 43 Resp: 953124

Ion Ratio Lower Upper

43 100

86 12.8 7.9 11.9#



#24

1,1-Dichloroethane

Concen: 52.459 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

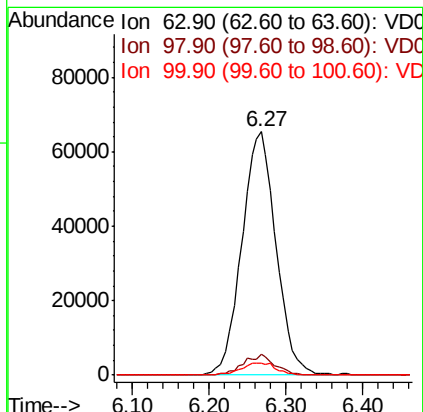
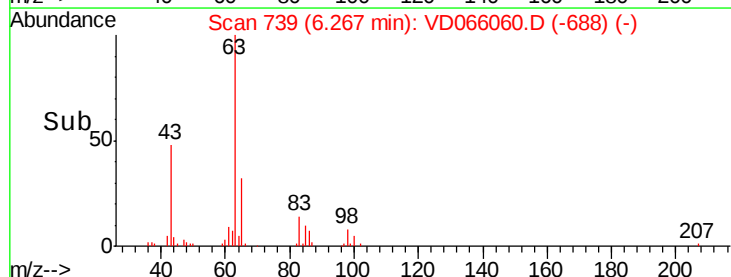
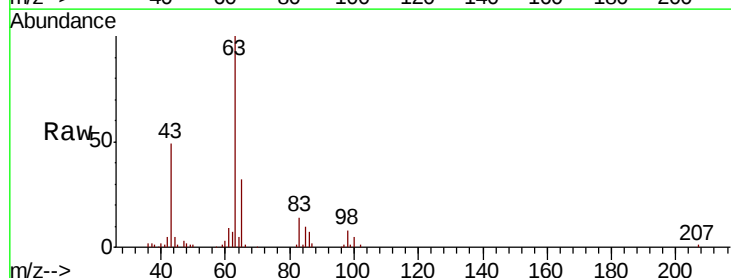
Tgt Ion: 63 Resp: 202915

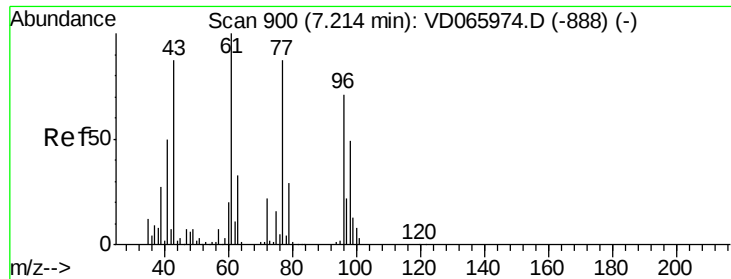
Ion Ratio Lower Upper

63 100

98 8.4 4.3 12.8

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 228.408 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

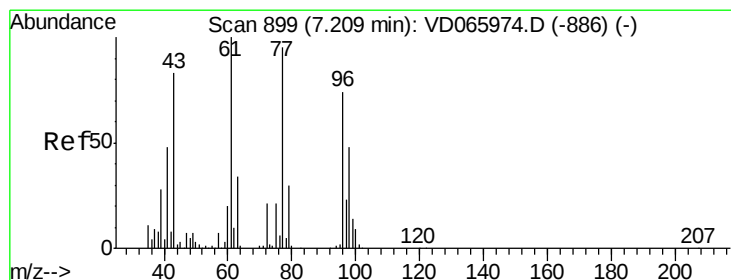
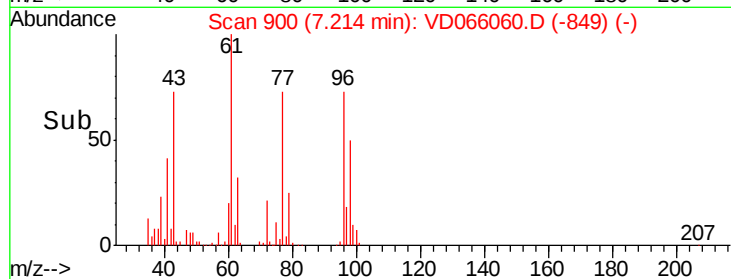
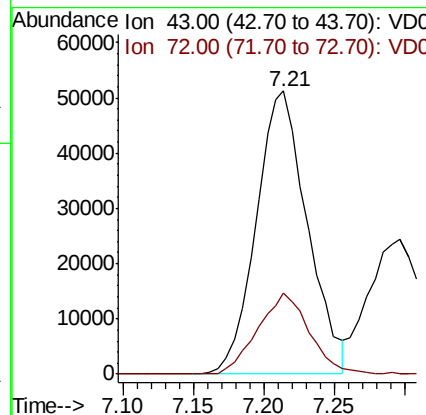
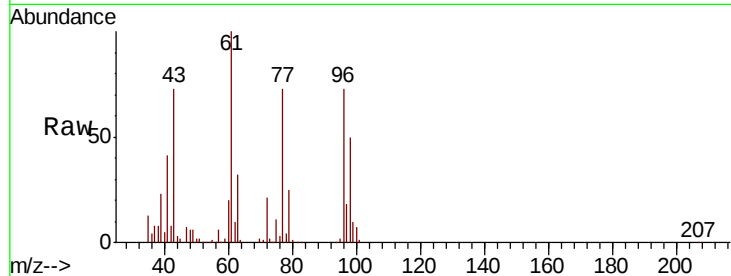
VSTDCCC050EC

Tot Ion: 43 Resp: 129782

Ion Ratio Lower Upper

43 100

72 28.6 20.2 30.2



#26

2,2-Dichloropropane

Concen: 45.127 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066060.D

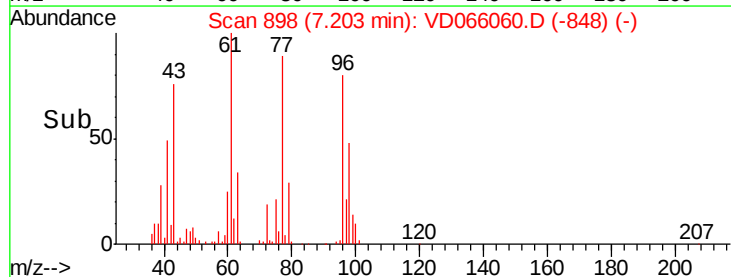
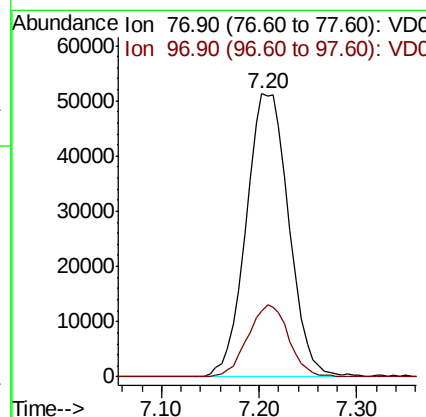
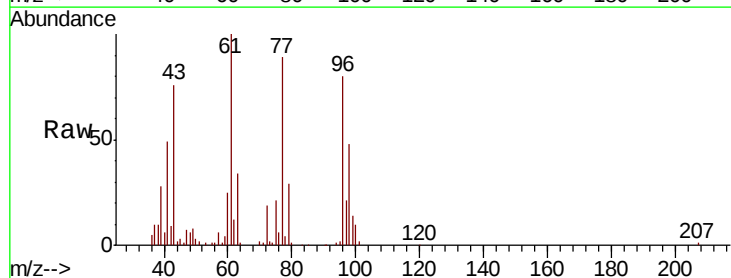
Acq: 24 Jul 2020 21:08

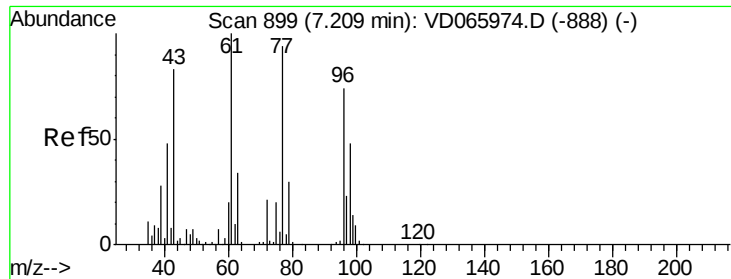
Tgt Ion: 77 Resp: 156970

Ion Ratio Lower Upper

77 100

97 24.2 11.6 34.7

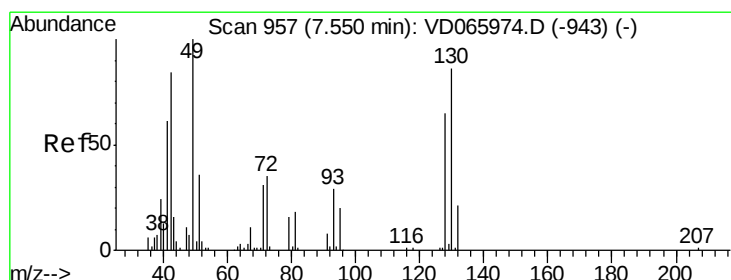
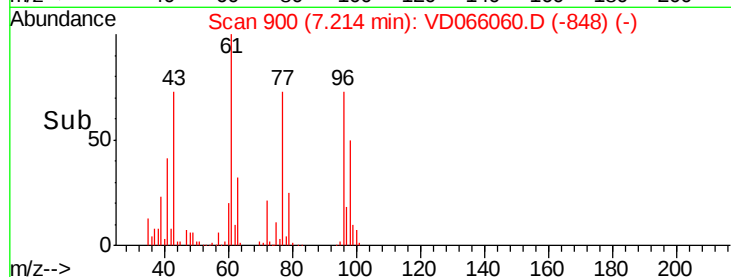
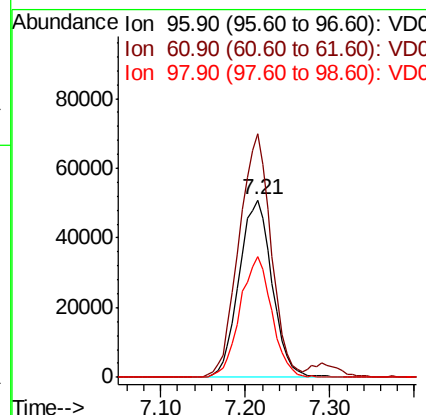
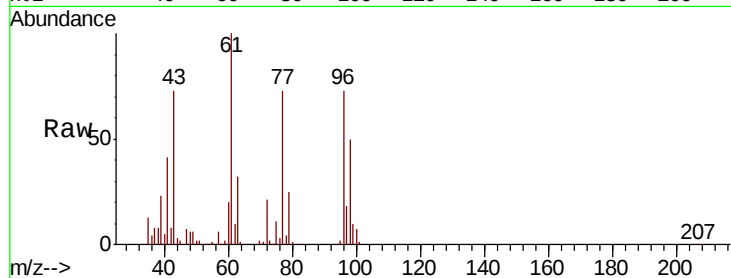




#27
 cis-1,2-Dichloroethene
 Concen: 53.671 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

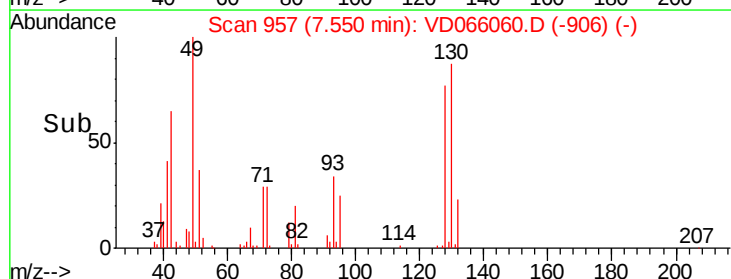
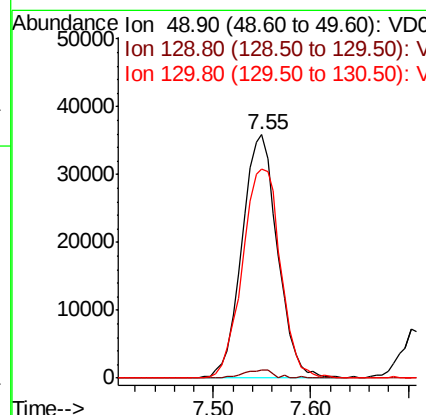
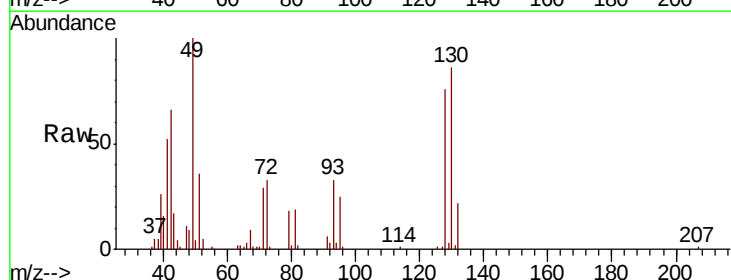
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

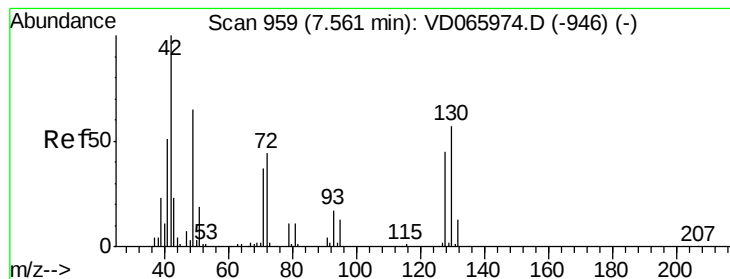
Tot Ion: 96 Resp: 138060
 Ion Ratio Lower Upper
 96 100
 61 133.4 0.0 276.6
 98 64.9 0.0 130.8



#28
 Bromochloromethane
 Concen: 55.707 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

Tgt Ion: 49 Resp: 91455
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 92.0 68.4 102.6





#29

Tetrahydrofuran

Concen: 243.074 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

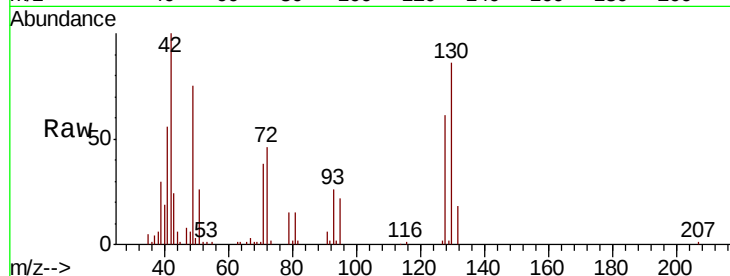
Tot Ion: 42 Resp: 85218

Ion Ratio Lower Upper

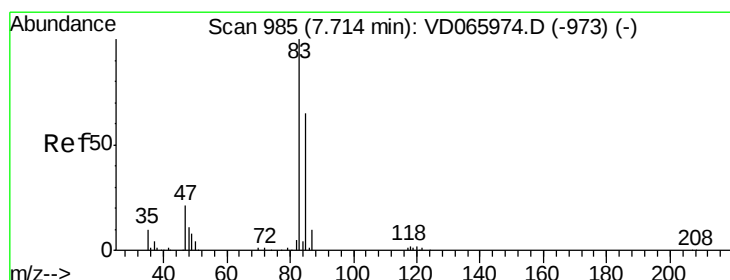
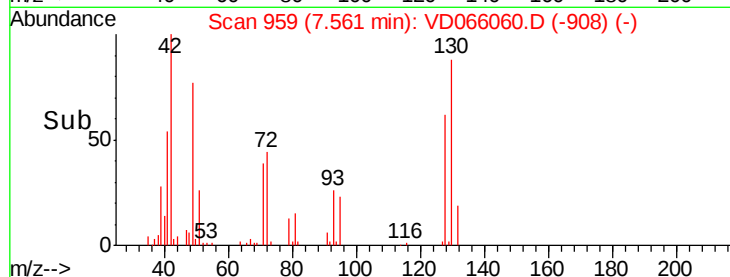
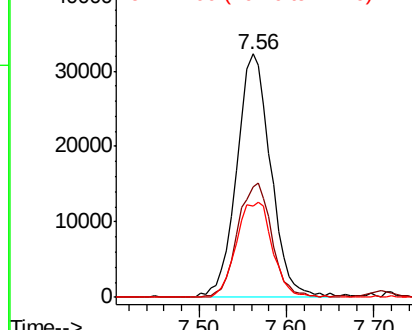
42 100

72 46.8 34.2 51.2

71 41.2 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: 54.608 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD066060.D

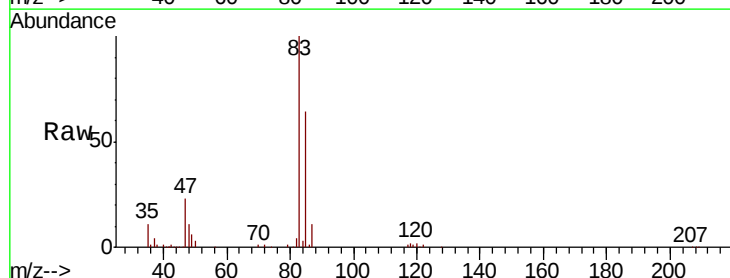
Acq: 24 Jul 2020 21:08

Tgt Ion: 83 Resp: 220953

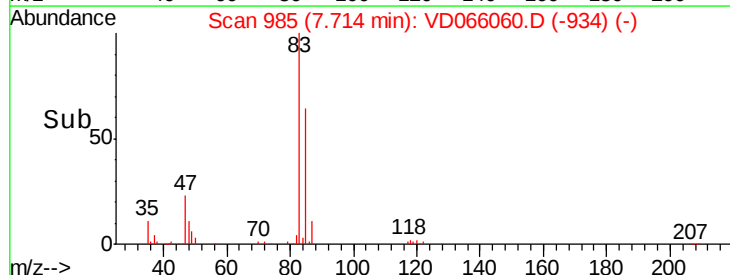
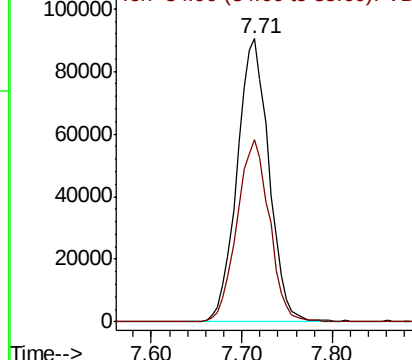
Ion Ratio Lower Upper

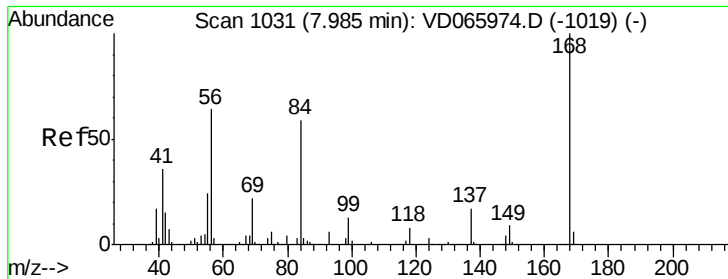
83 100

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

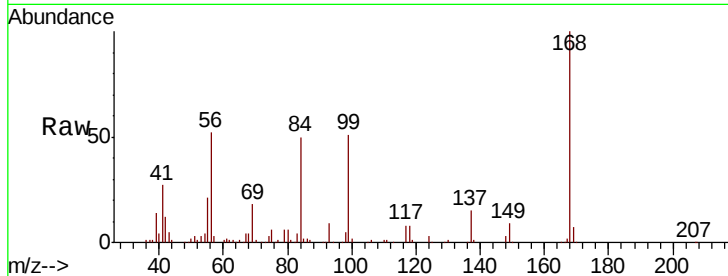




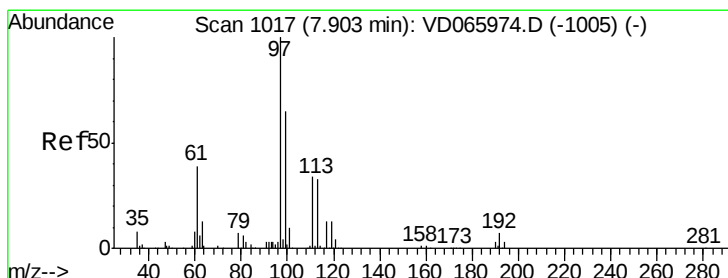
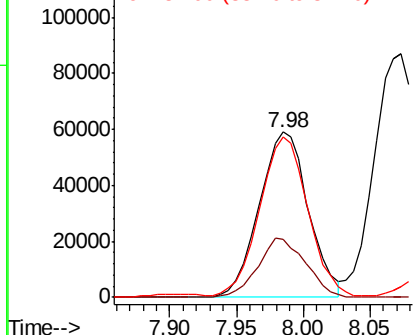
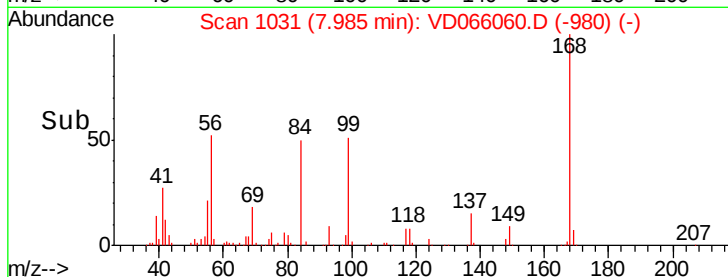
#31
Cyclohexane
Concen: 39.588 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 150652
Ion Ratio Lower Upper
56 100
69 35.0 28.0 42.0
84 95.2 72.6 109.0

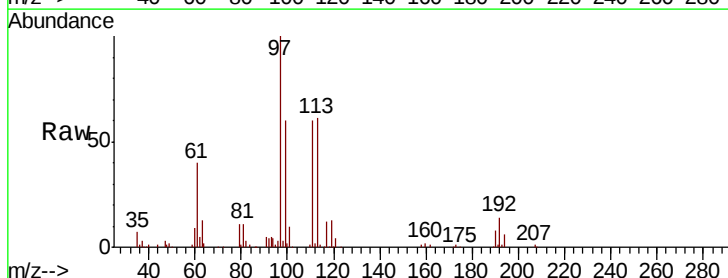


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

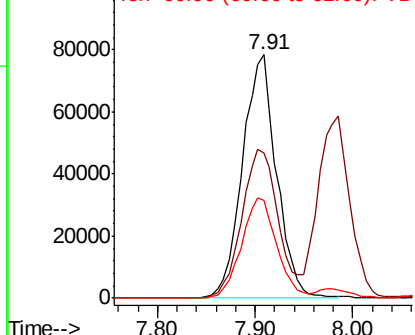
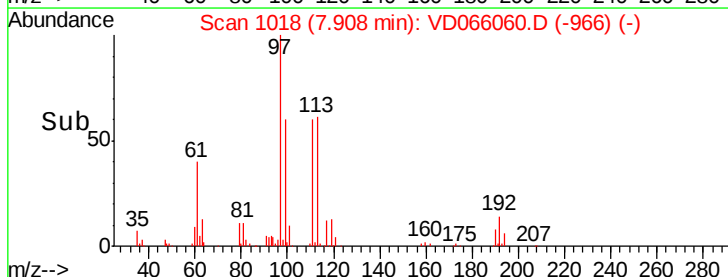


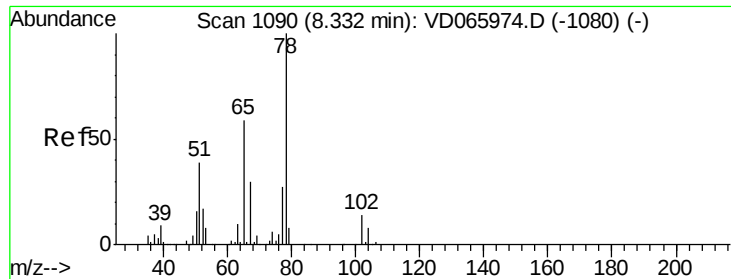
#32
1,1,1-Trichloroethane
Concen: 51.131 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion: 97 Resp: 191368
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 42.4 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

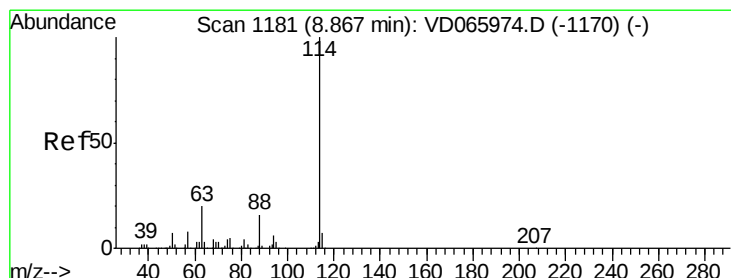
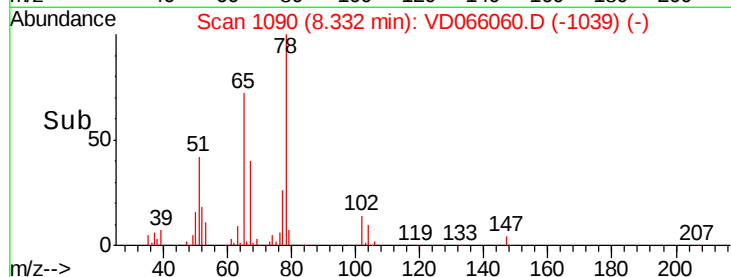
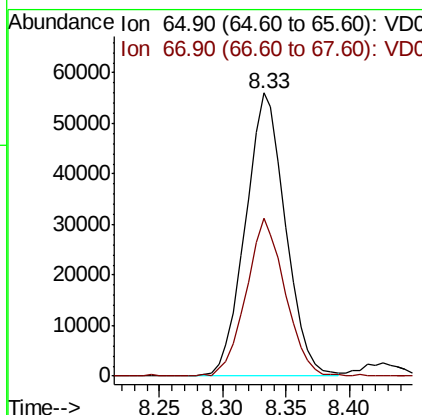
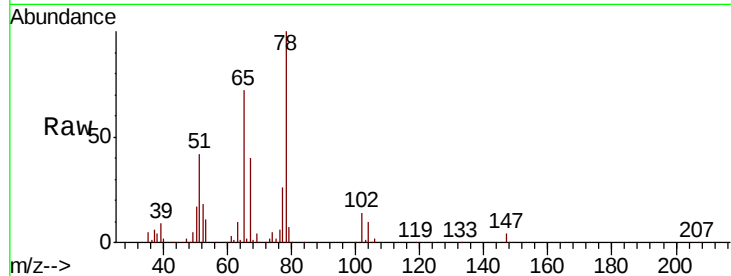




#33
 1,2-Dichloroethane-d4
 Concen: 58.189 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

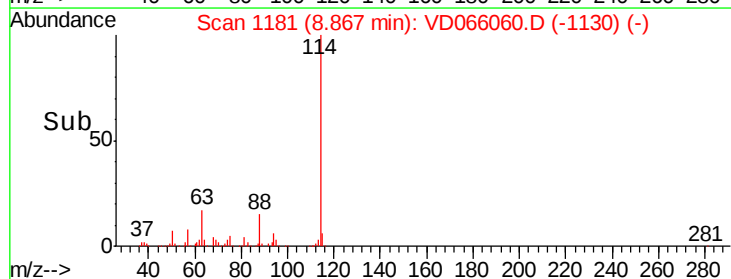
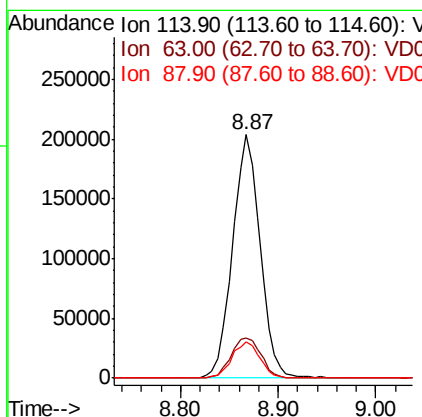
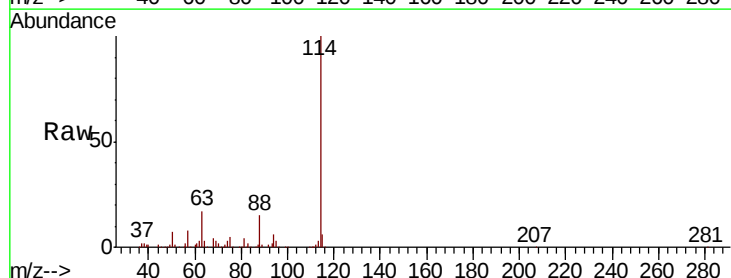
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 123101
 Ion Ratio Lower Upper
 65 100
 67 54.1 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: VD066060.D
 Acq: 24 Jul 2020 21:08

Tgt Ion: 114 Resp: 399536
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 39.6
 88 14.8 0.0 31.2

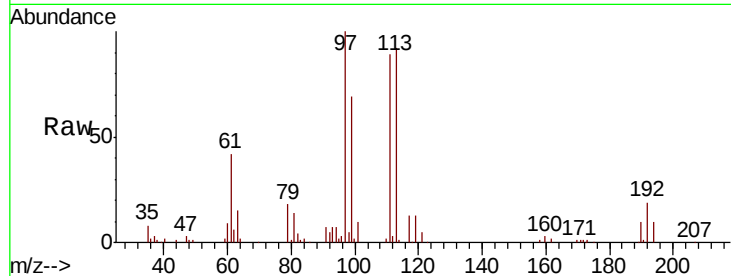




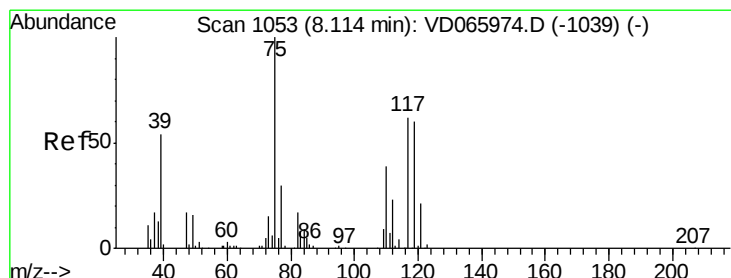
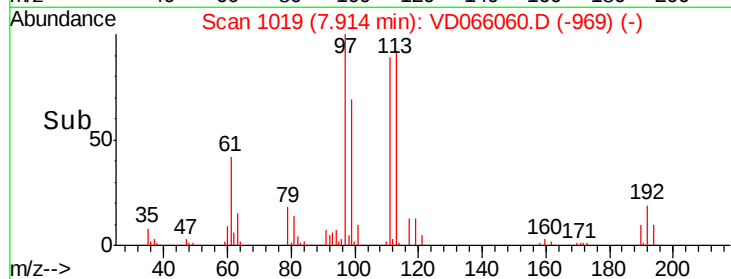
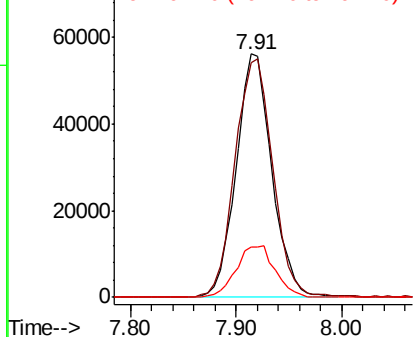
#35
 Dibromofluoromethane
 Concen: 54.197 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 131336
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.2 124.8
 192 23.1 18.7 28.1

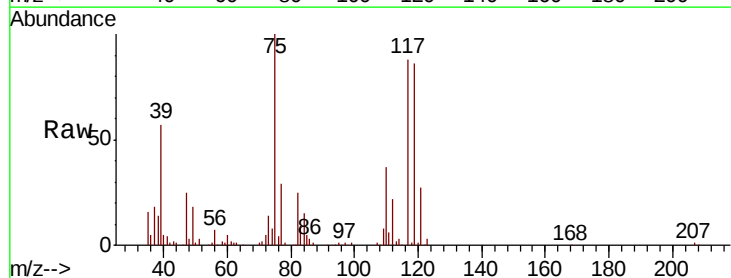


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

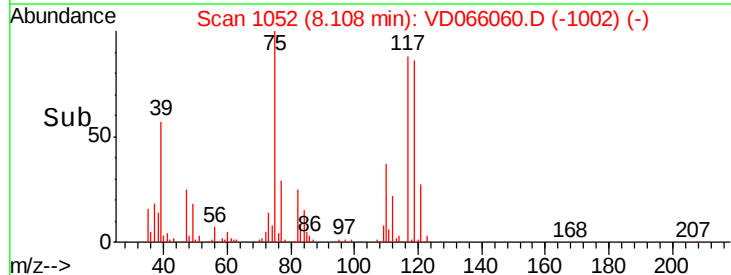
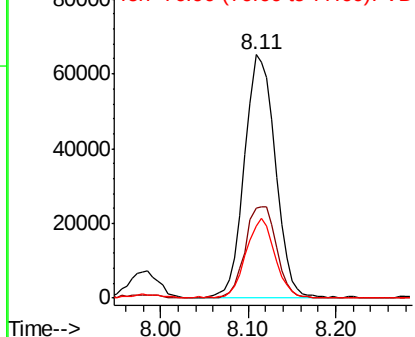


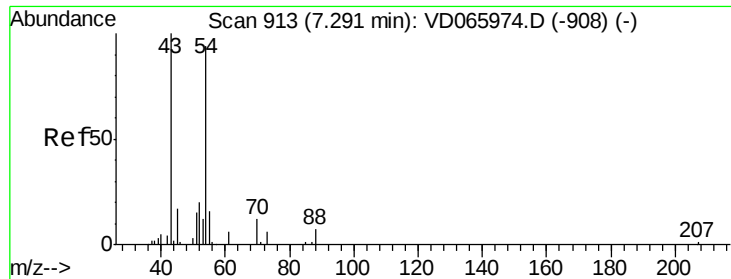
#36
 1,1-Dichloropropene
 Concen: 45.352 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

Tgt Ion: 75 Resp: 154644
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.5 58.5
 77 31.3 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

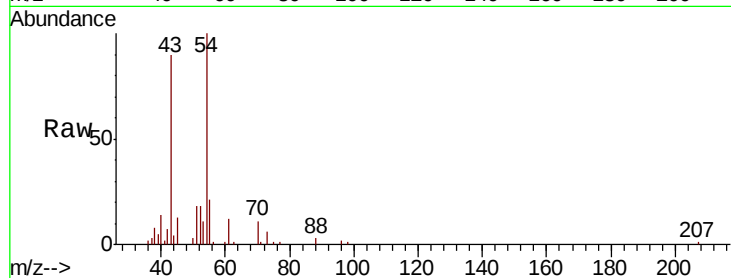




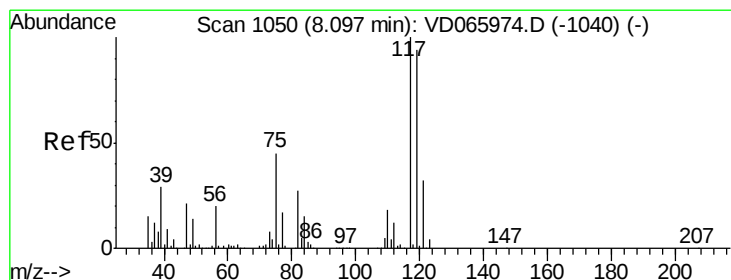
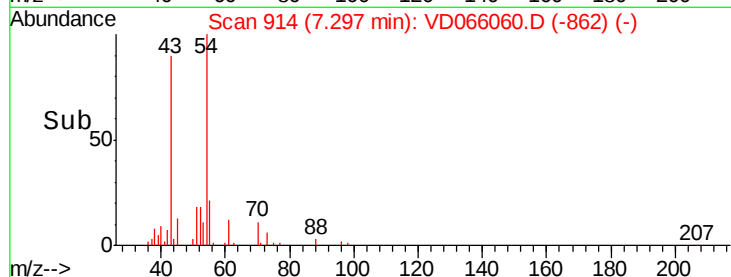
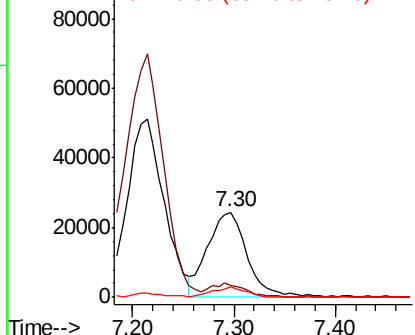
#37
Ethyl Acetate
Concen: 50.223 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 65402
Ion Ratio Lower Upper
43 100
61 13.4 11.4 17.0
70 10.4 9.3 13.9

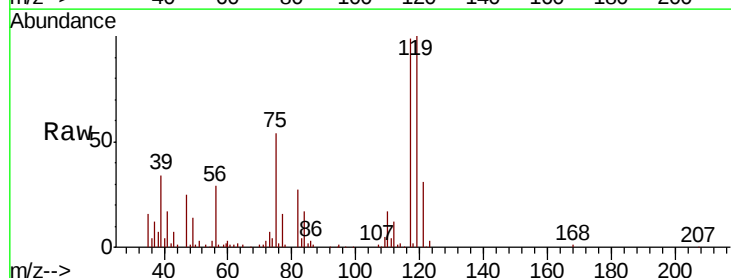


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

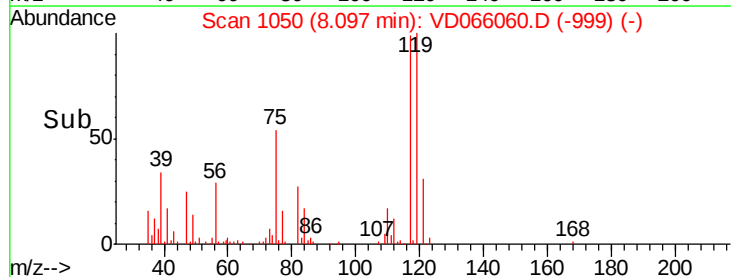
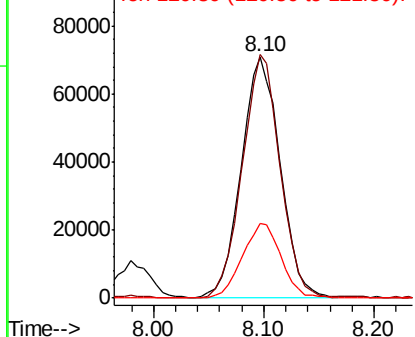


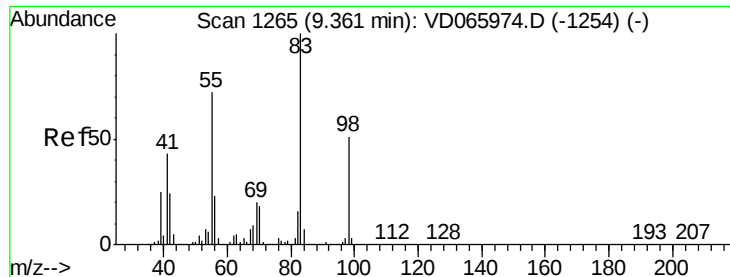
#38
Carbon Tetrachloride
Concen: 47.169 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion: 117 Resp: 174518
Ion Ratio Lower Upper
117 100
119 101.0 75.0 112.6
121 30.9 25.5 38.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

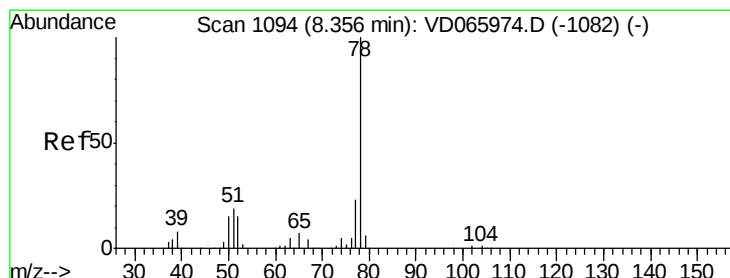
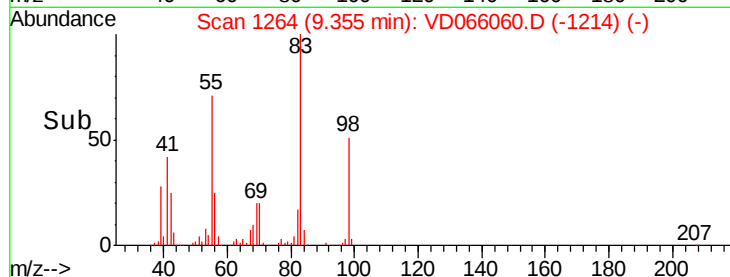
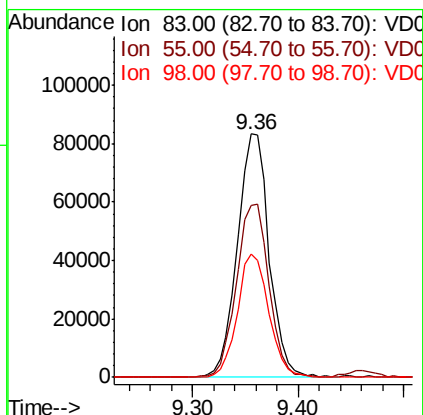
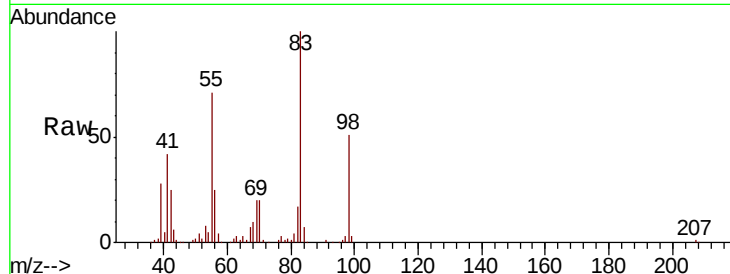




#39
Methvlcvclohexane
Concen: 42.113 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

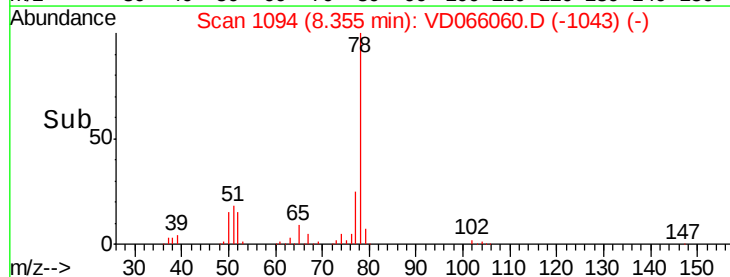
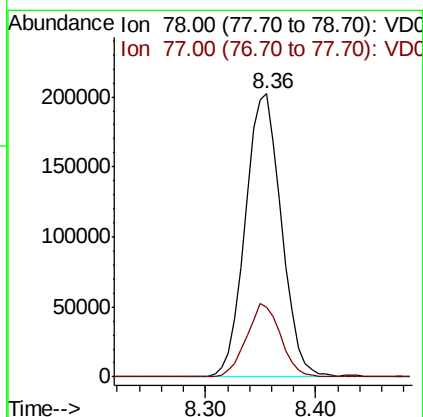
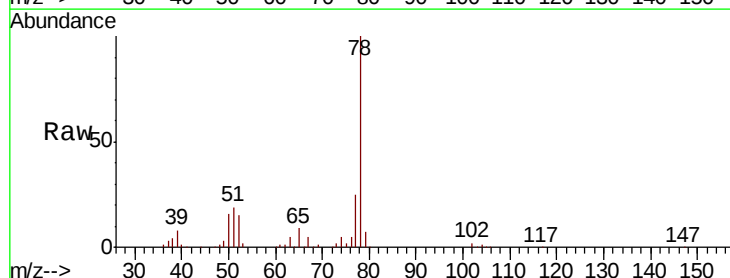
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

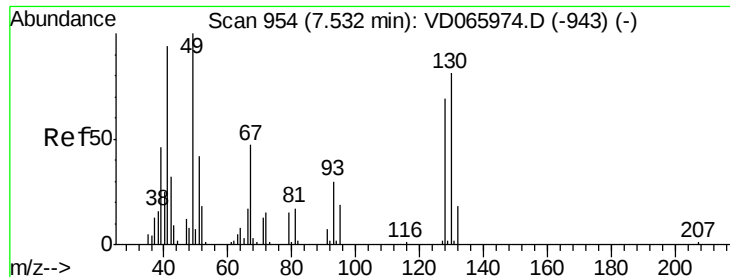
Tot Ion: 83 Resp: 173898
Ion Ratio Lower Upper
83 100
55 70.8 57.3 85.9
98 50.9 41.0 61.6



#40
Benzene
Concen: 48.662 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion: 78 Resp: 464216
Ion Ratio Lower Upper
78 100
77 24.8 18.6 27.8





#41

Methacrylonitrile

Concen: 121.009 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 90272

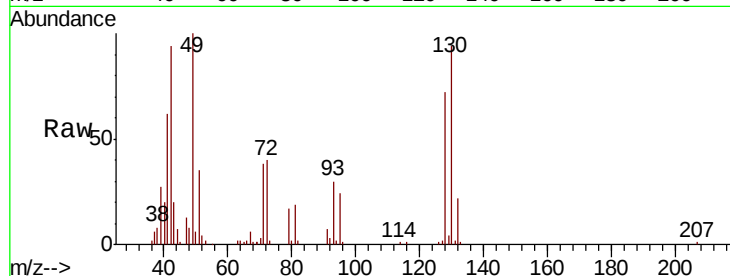
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

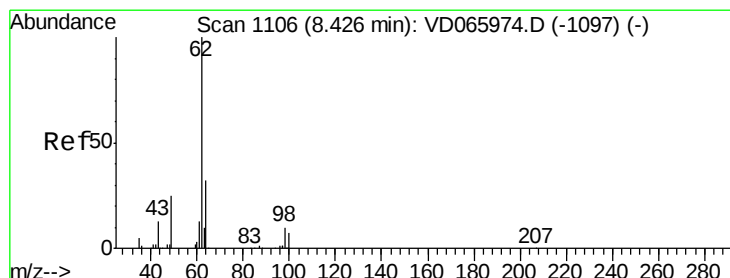
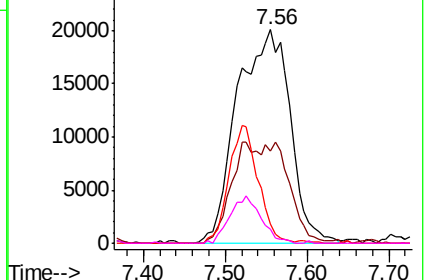
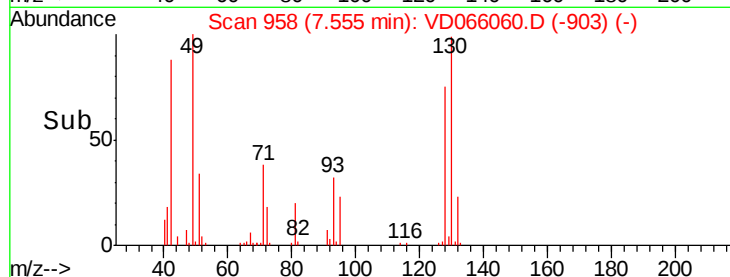


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 53.199 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD066060.D

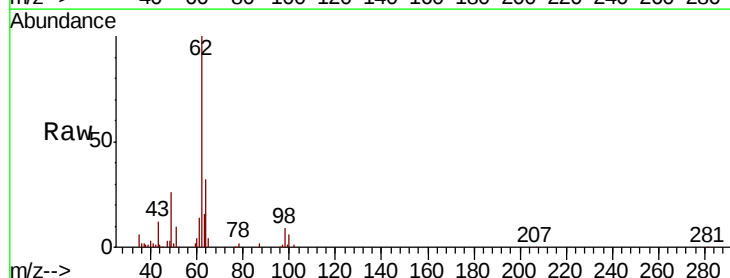
Acq: 24 Jul 2020 21:08

Tgt Ion: 62 Resp: 139066

Ion Ratio Lower Upper

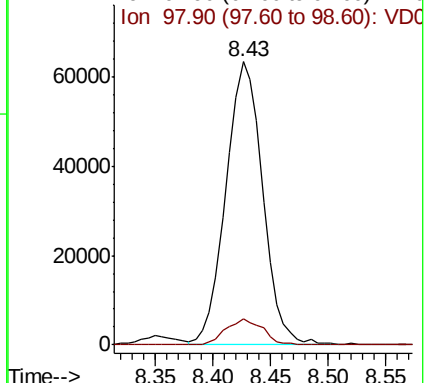
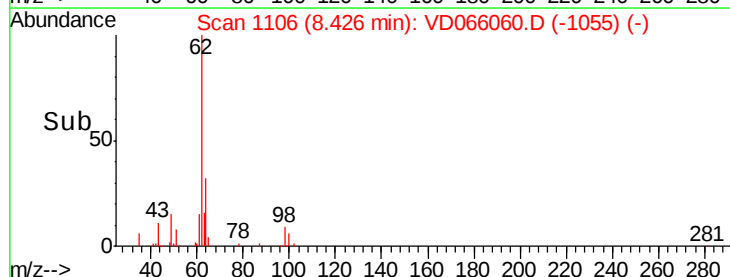
62 100

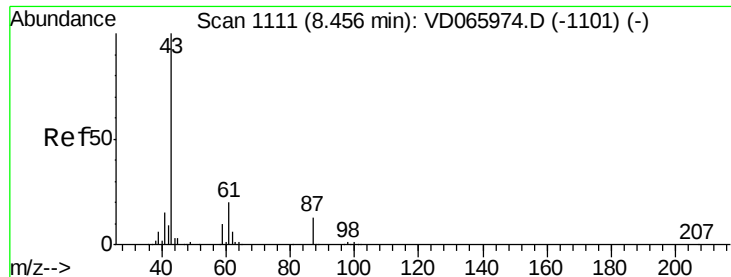
98 9.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 49.593 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

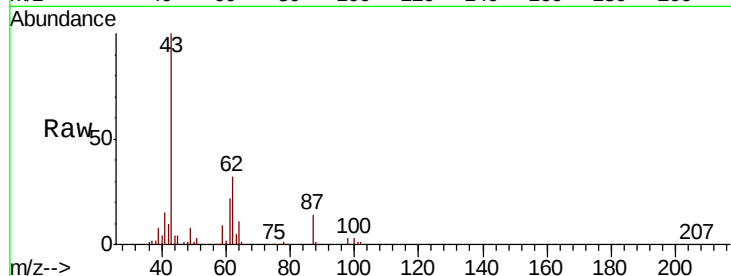
Tot Ion: 43 Resp: 126137

Ion Ratio Lower Upper

43 100

61 30.6 25.8 38.8

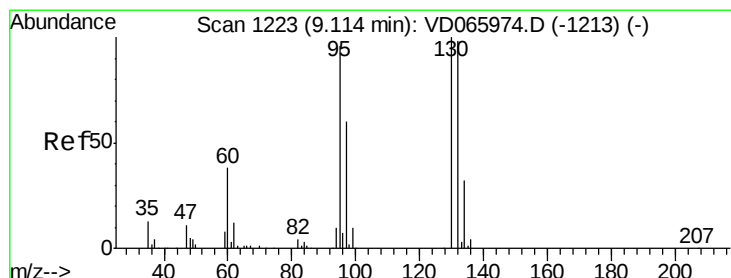
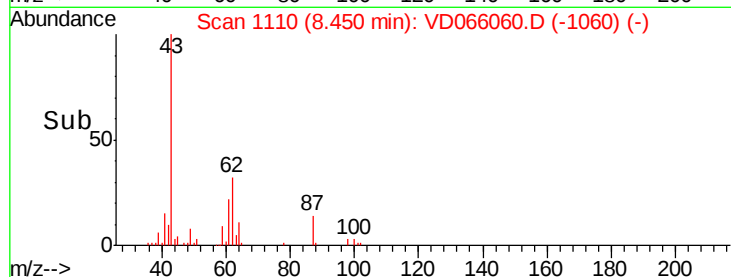
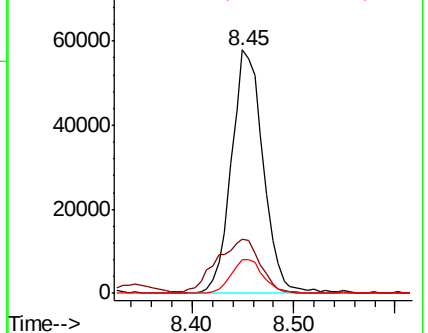
87 14.2 10.9 16.3



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: 49.468 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD066060.D

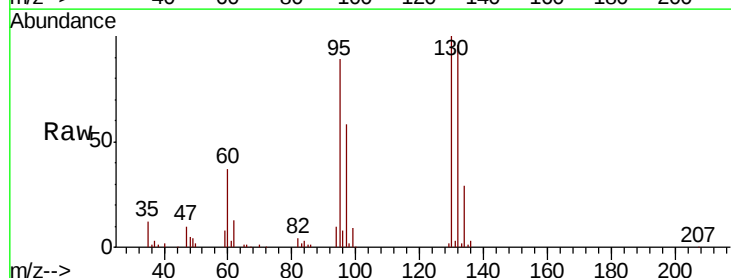
Acq: 24 Jul 2020 21:08

Tgt Ion: 130 Resp: 142804

Ion Ratio Lower Upper

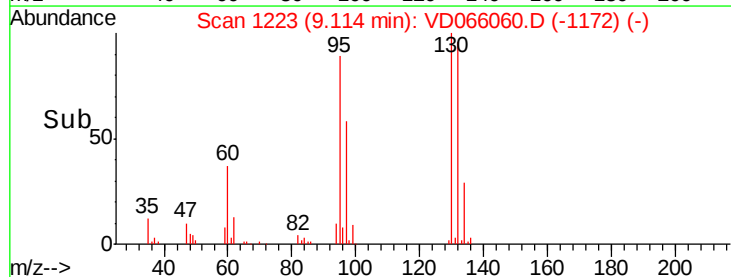
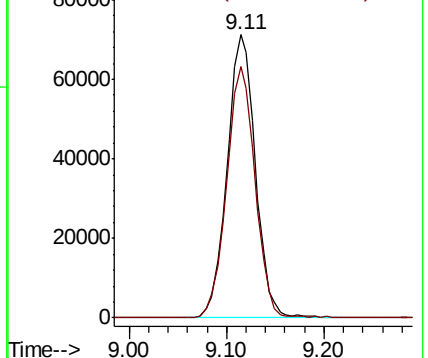
130 100

95 88.6 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.393 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

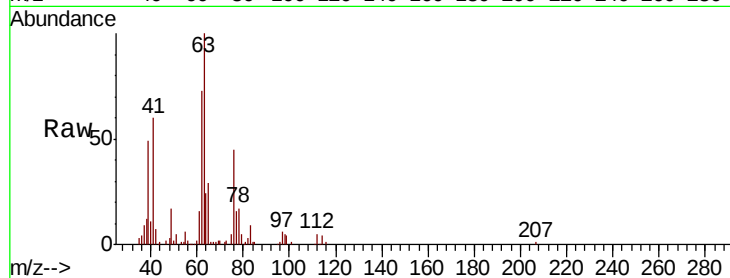
VSTDCCC050EC

Tot Ion: 63 Resp: 116428

Ion Ratio Lower Upper

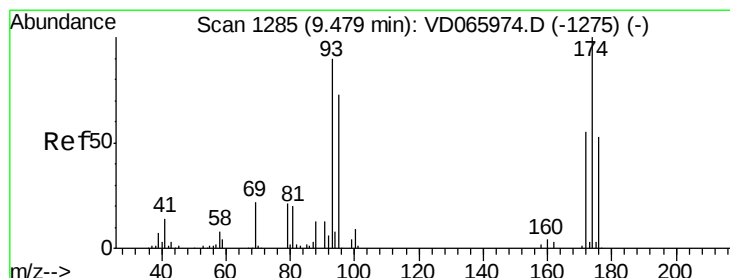
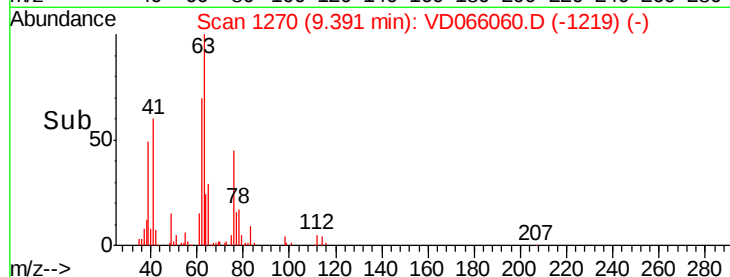
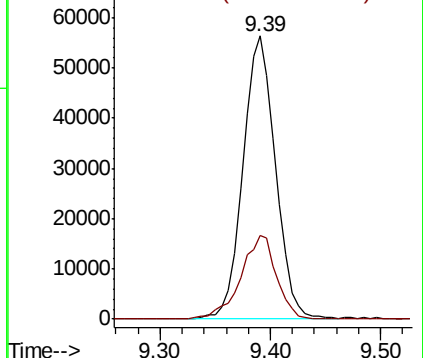
63 100

65 29.4 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: 52.980 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

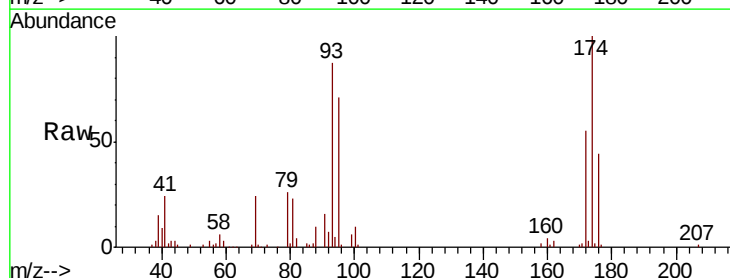
Tgt Ion: 93 Resp: 65895

Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.4

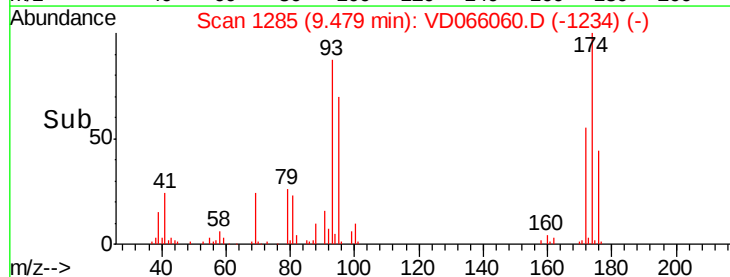
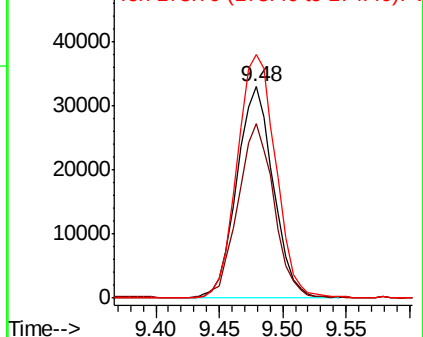
174 121.6 91.5 137.3

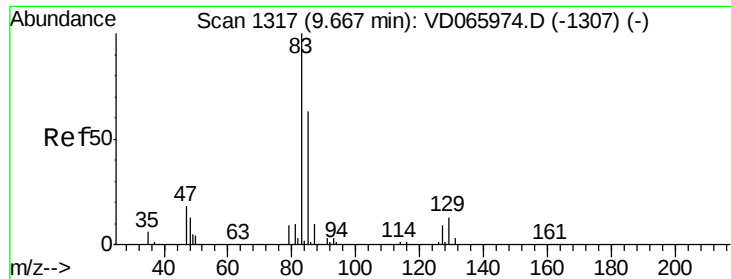


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

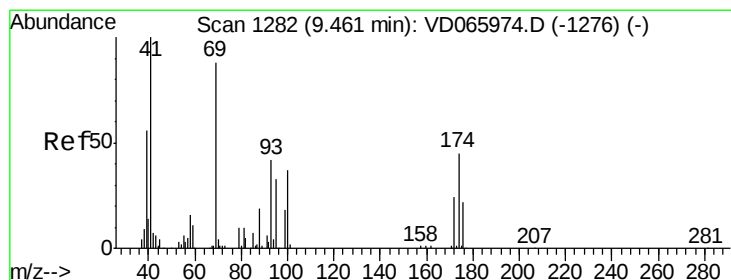
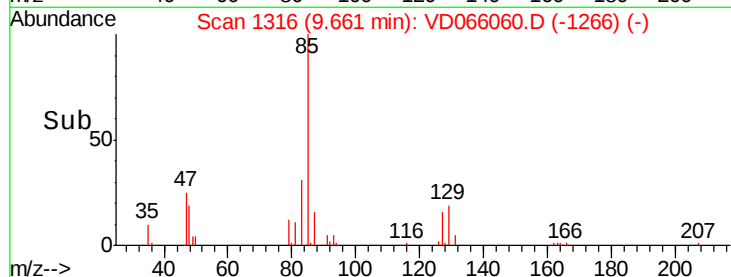
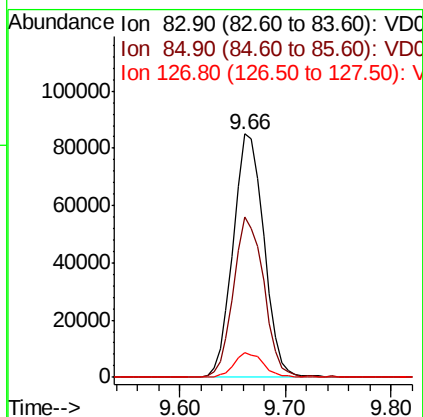
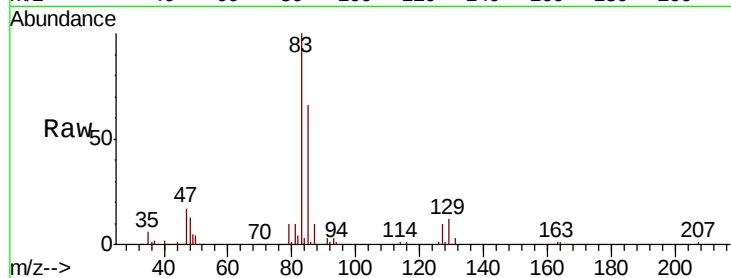




#47
Bromodichloromethane
Concen: 52.418 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

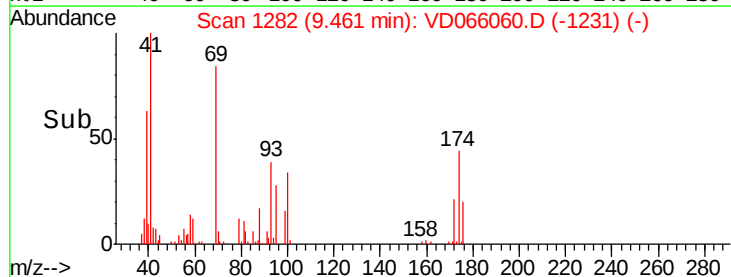
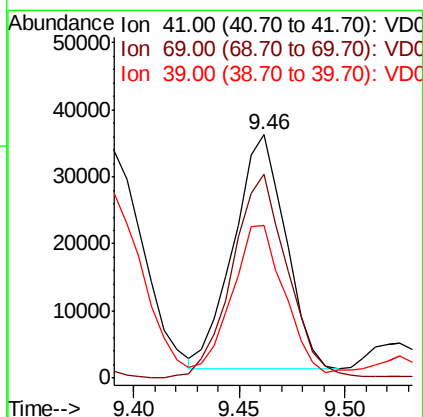
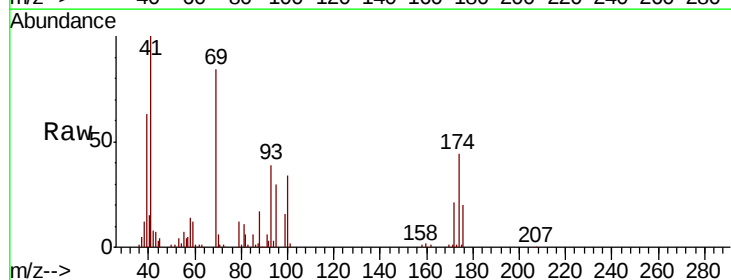
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

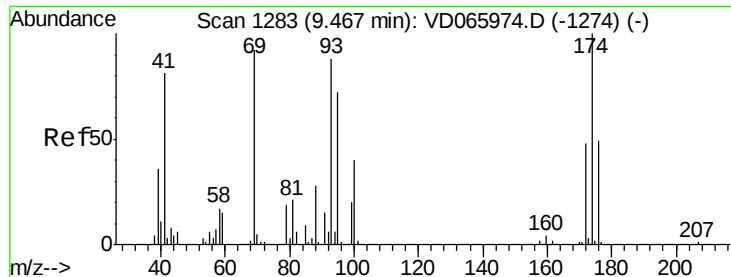
Tot Ion: 83 Resp: 172385
Ion Ratio Lower Upper
83 100
85 65.8 50.6 75.8
127 10.4 7.1 10.7



#48
Methyl methacrylate
Concen: 46.553 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion: 41 Resp: 59726
Ion Ratio Lower Upper
41 100
69 92.7 65.1 97.7
39 61.2 41.5 62.3

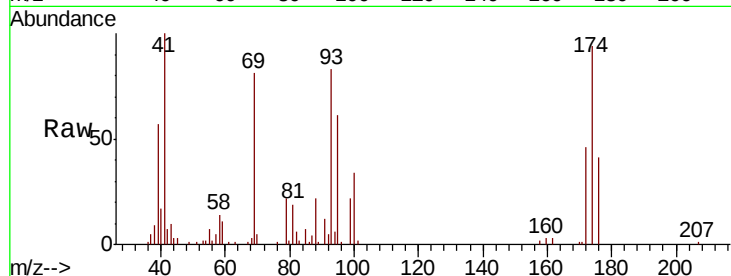




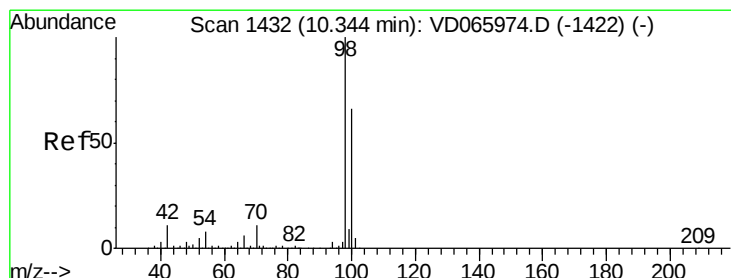
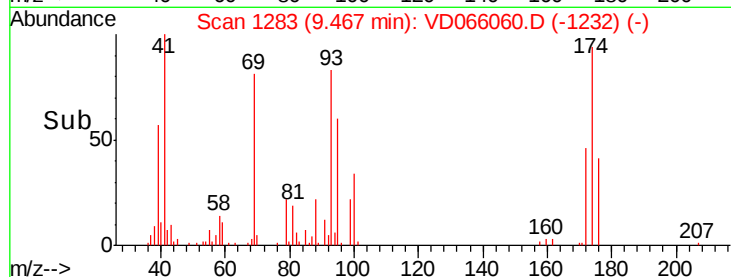
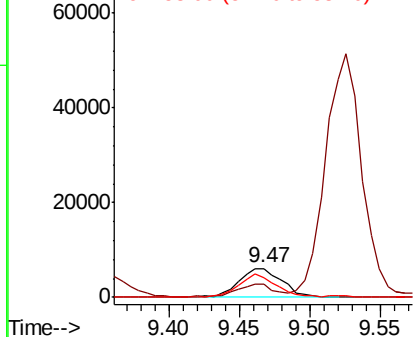
#49
1,4-Dioxane
Concen: 901.407 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 12989
Ion Ratio Lower Upper
88 100
43 39.9 29.0 43.6
58 70.4 57.0 85.4

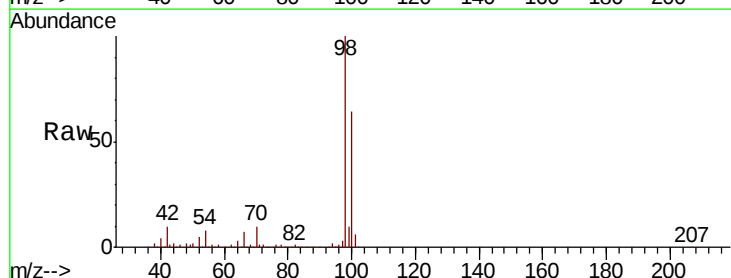


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

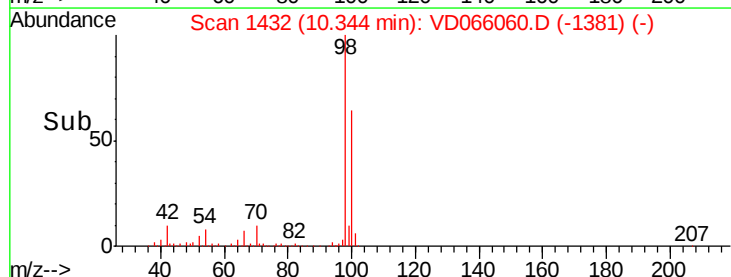
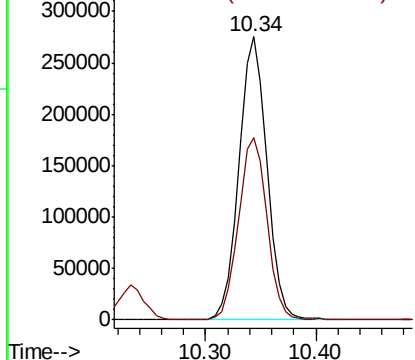


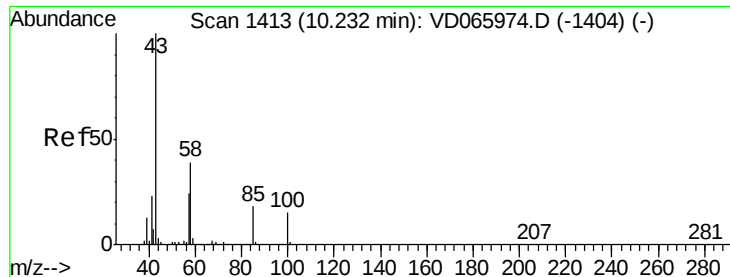
#50
Toluene-d8
Concen: 54.419 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion: 98 Resp: 491265
Ion Ratio Lower Upper
98 100
100 65.6 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: 247.947 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

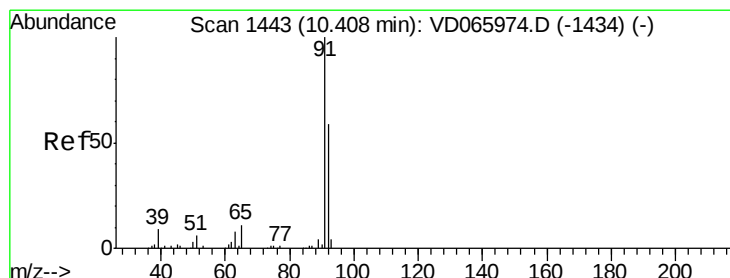
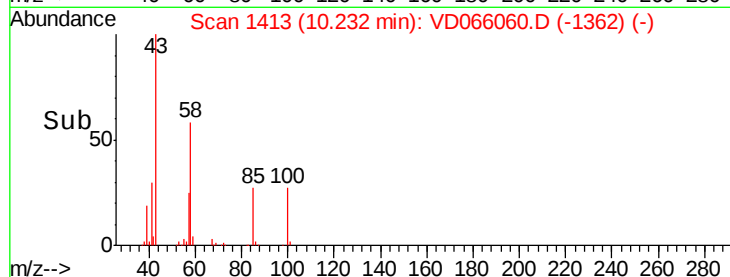
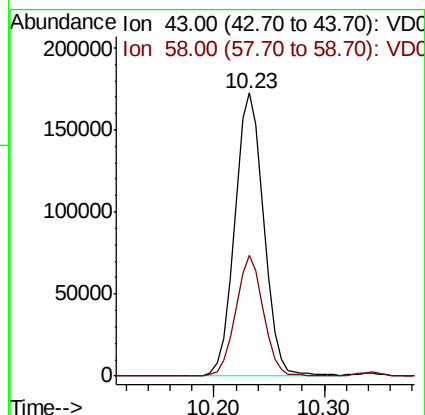
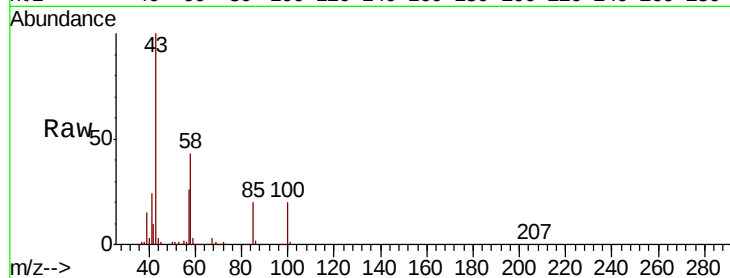
VSTDCCC050EC

Tot Ion: 43 Resp: 317749

Ion Ratio Lower Upper

43 100

58 40.6 31.3 46.9



#52

Toluene

Concen: 51.857 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD066060.D

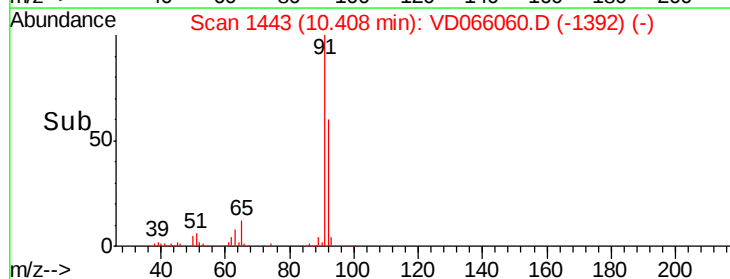
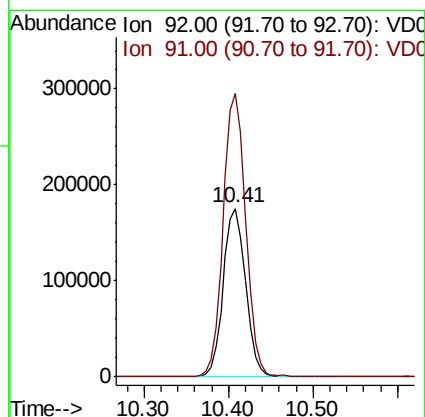
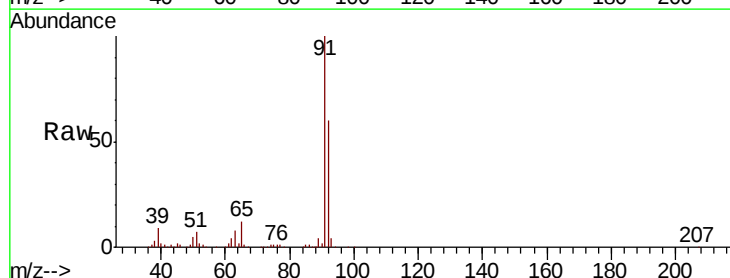
Acq: 24 Jul 2020 21:08

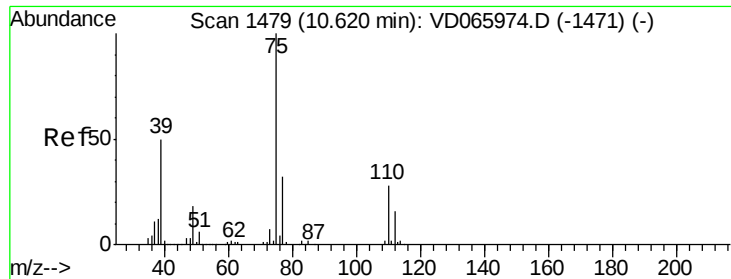
Tgt Ion: 92 Resp: 322609

Ion Ratio Lower Upper

92 100

91 169.1 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 52.668 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

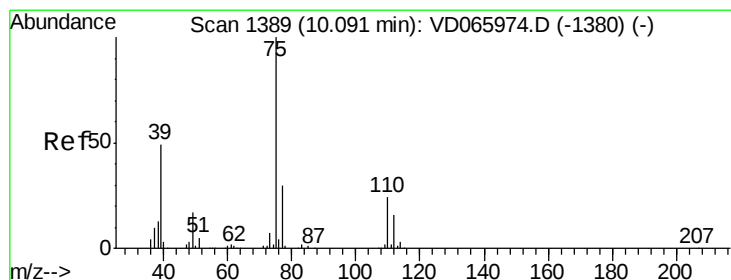
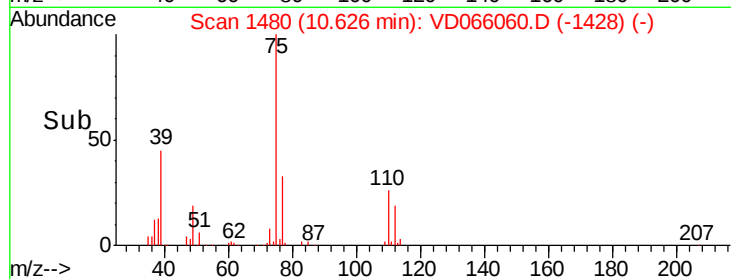
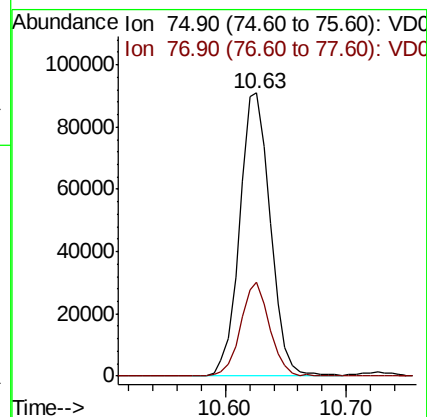
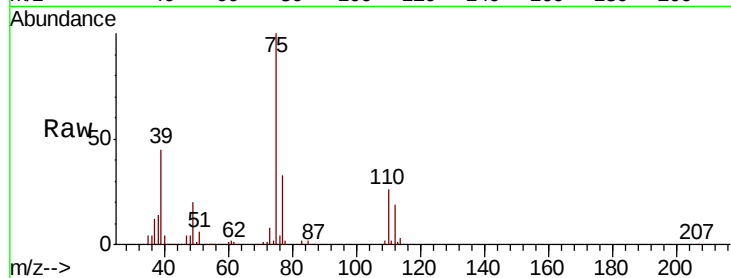
VSTDCCC050EC

Tot Ion: 75 Resp: 161368

Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 50.852 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

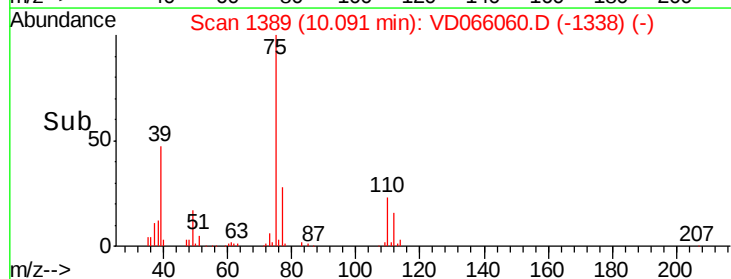
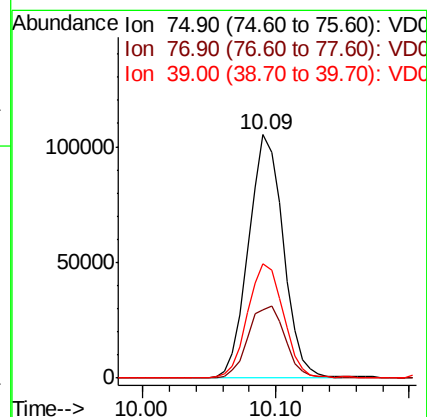
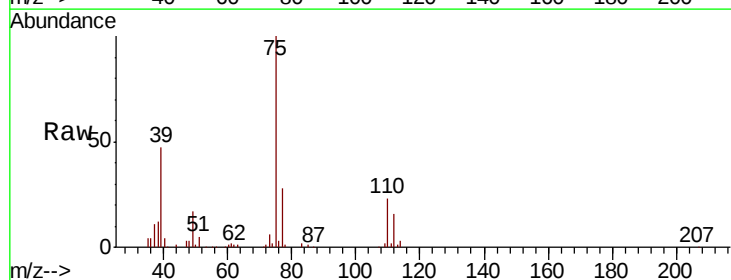
Tgt Ion: 75 Resp: 188861

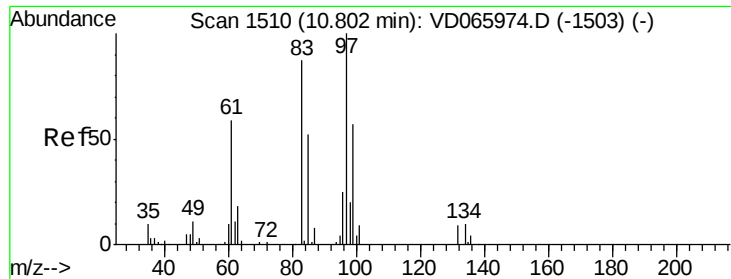
Ion Ratio Lower Upper

75 100

77 28.2 23.8 35.8

39 46.7 38.8 58.2

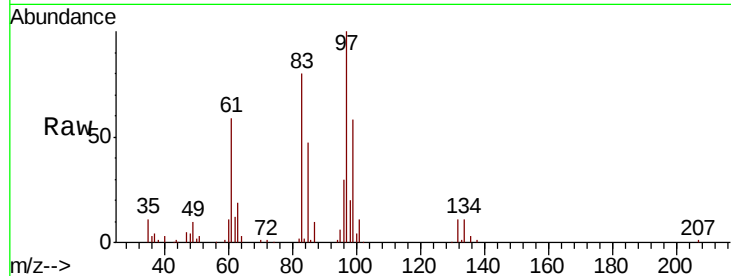




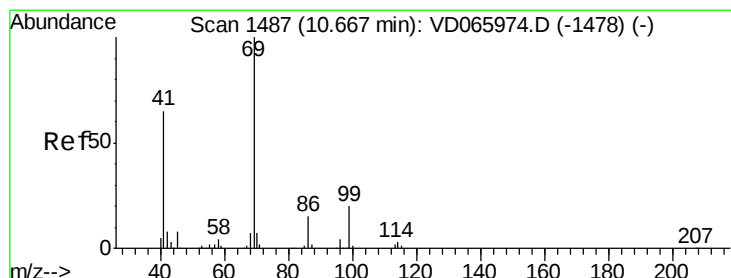
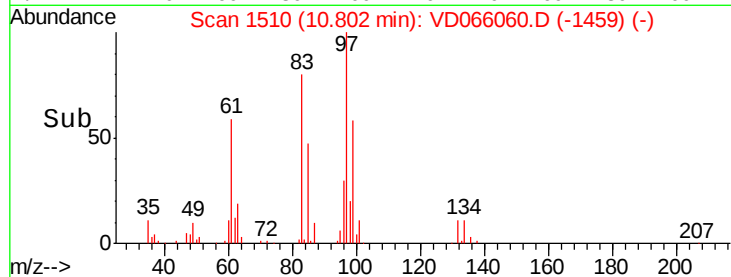
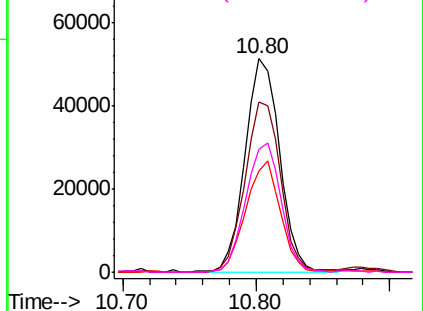
#55
 1,1,2-Trichloroethane
 Concen: 52.408 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	92446
Ion	Ratio	Lower	Upper
97	100		
83	79.9	69.7	104.5
85	47.2	41.6	62.4
99	57.6	45.9	68.9

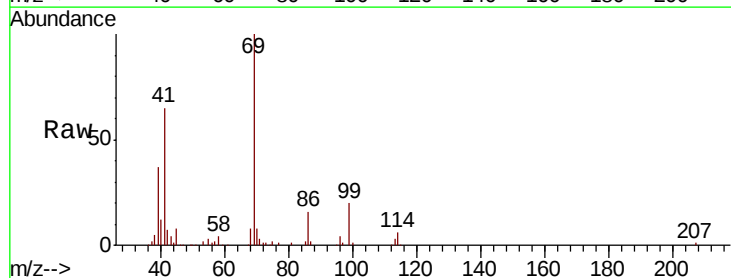


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

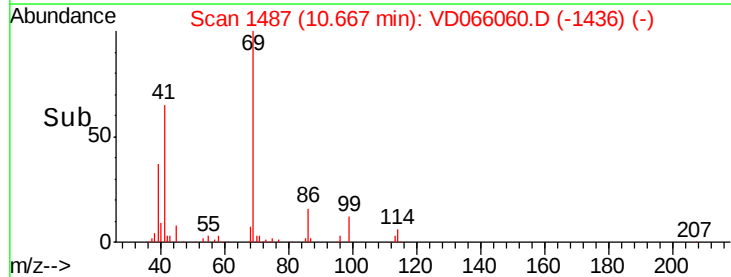
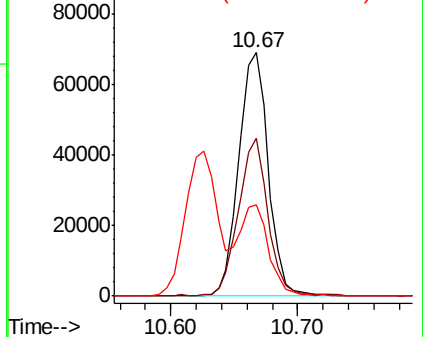


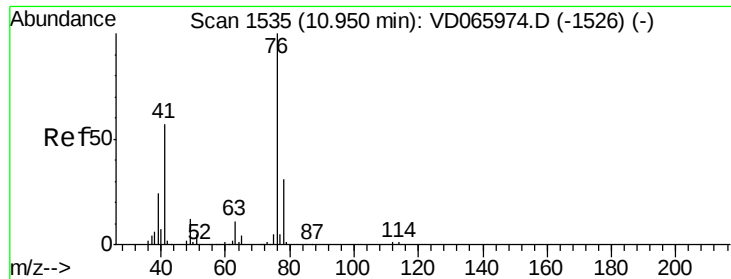
#56
 Ethyl methacrylate
 Concen: 54.279 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

Tgt Ion:	69	Resp:	111320
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.3	78.5
39	35.3	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

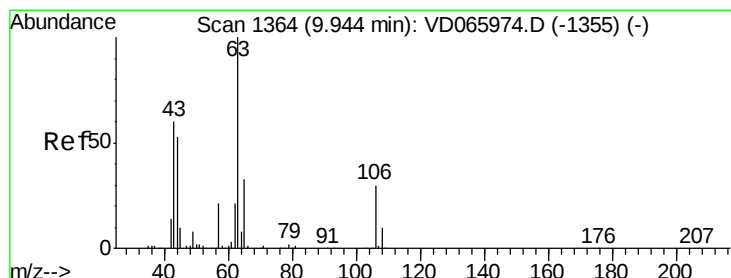
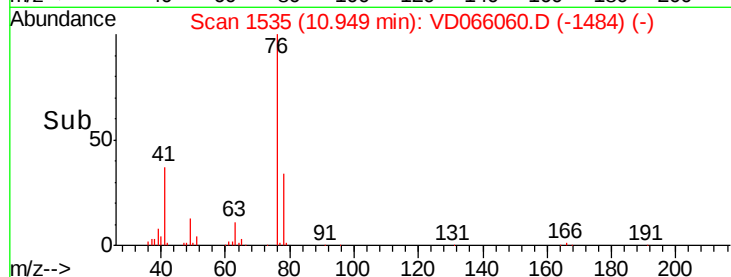
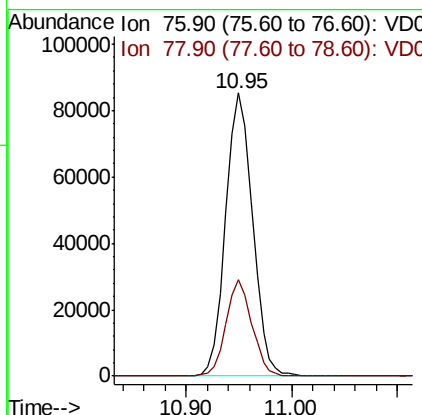
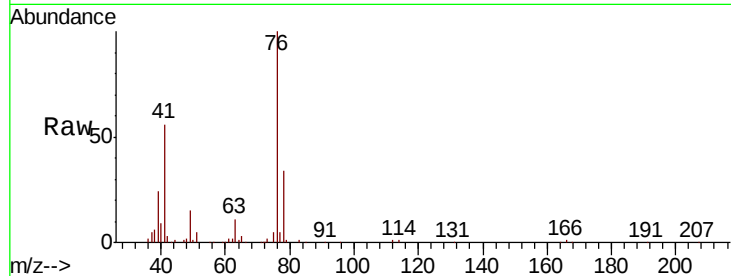




#57
 1,3-Dichloropropane
 Concen: 51.681 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

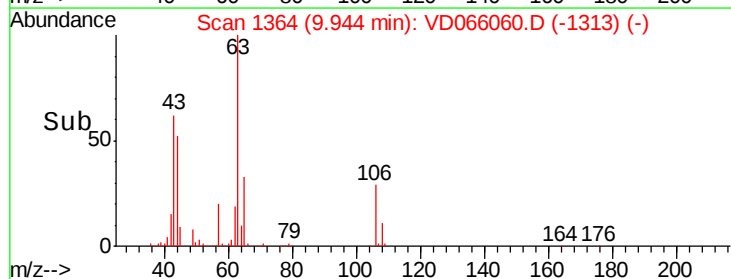
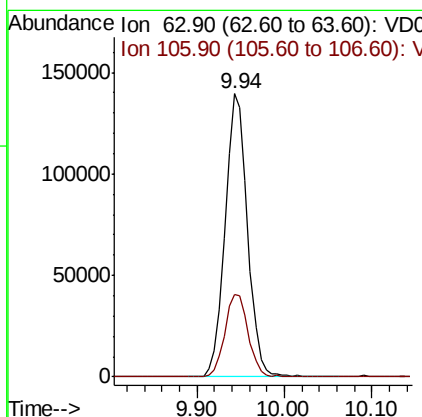
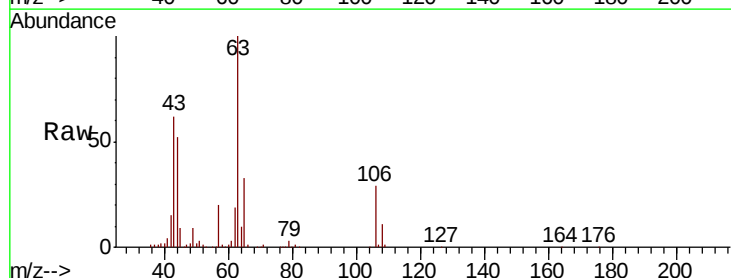
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

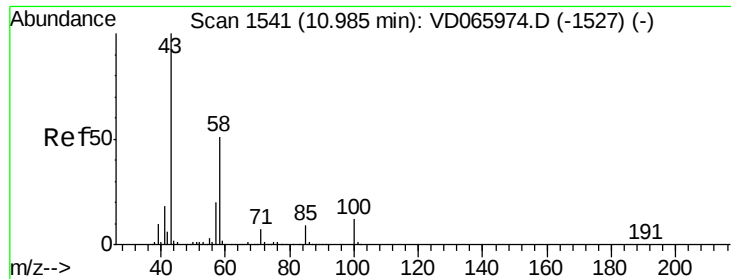
Tot Ion: 76 Resp: 150916
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.468 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

Tgt Ion: 63 Resp: 245388
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.4 36.6

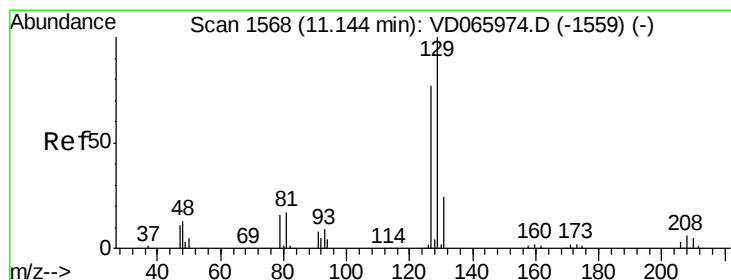
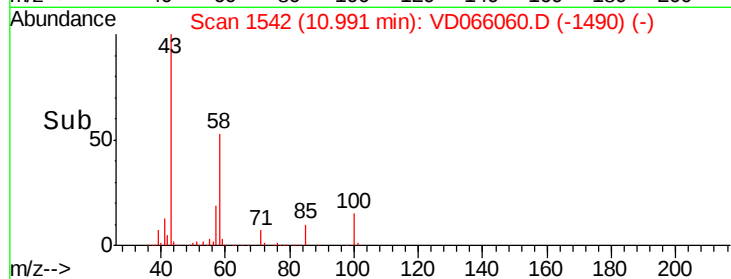
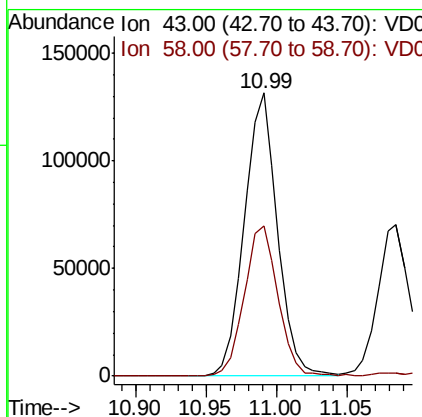
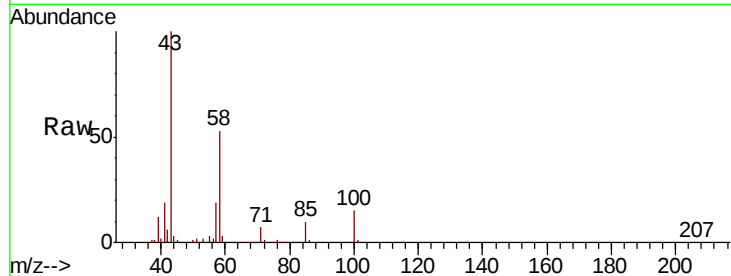




#59
2-Hexanone
Concen: 242.699 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

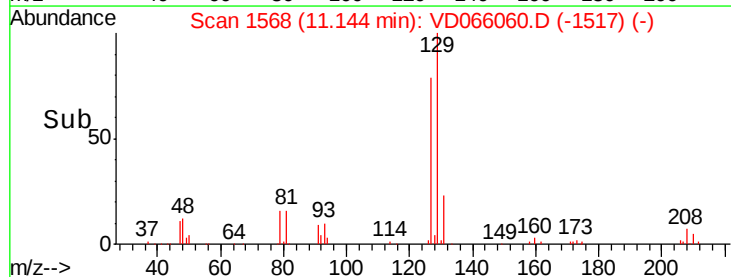
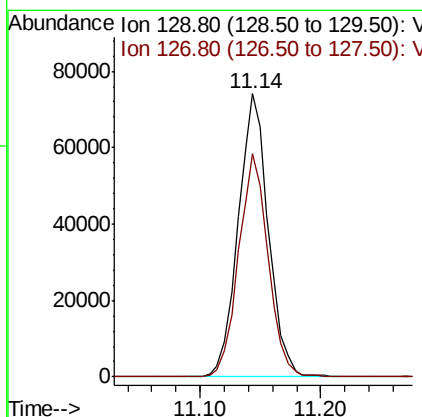
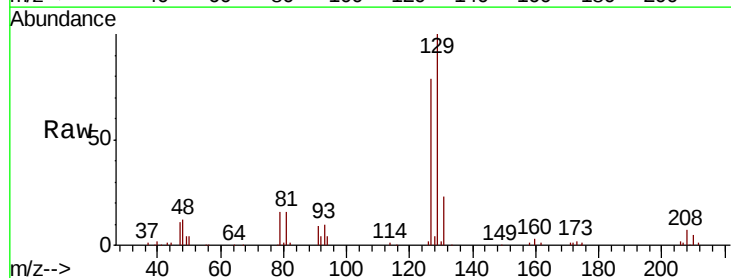
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

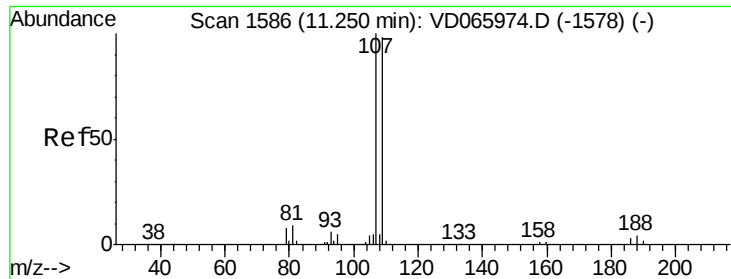
Tot Ion: 43 Resp: 21535
Ion Ratio Lower Upper
43 100
58 54.3 26.2 78.6



#60
Dibromochloromethane
Concen: 53.964 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion: 129 Resp: 128348
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.7

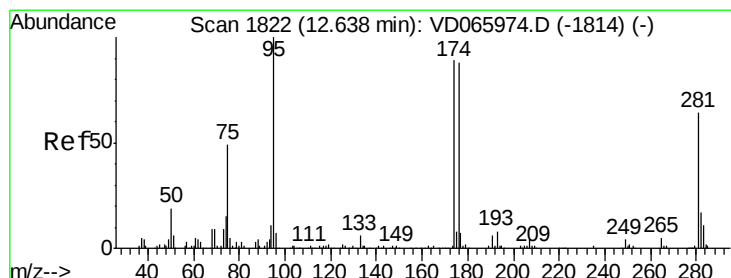
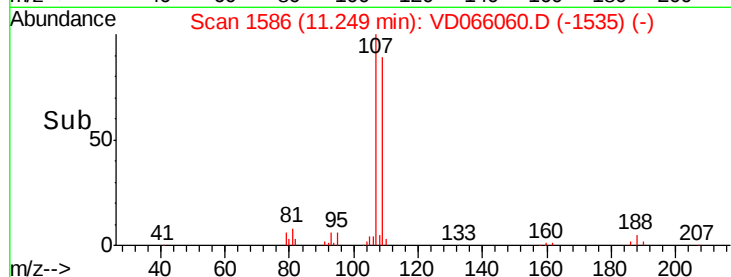
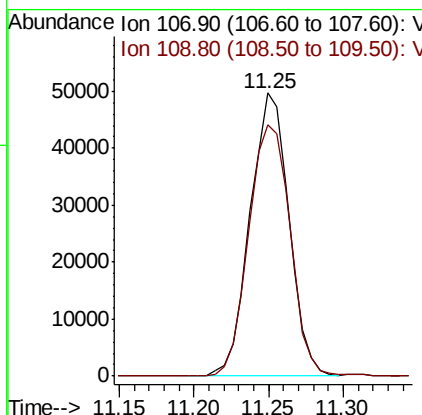
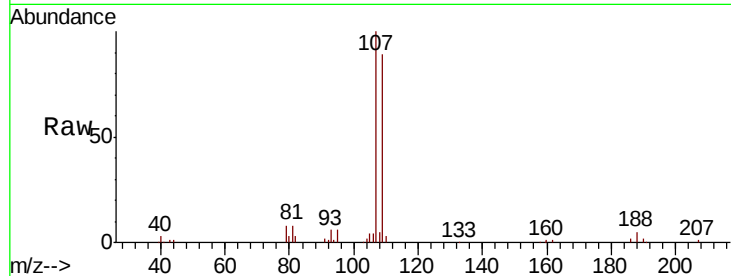




#61
 1,2-Dibromoethane
 Concen: 52.592 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

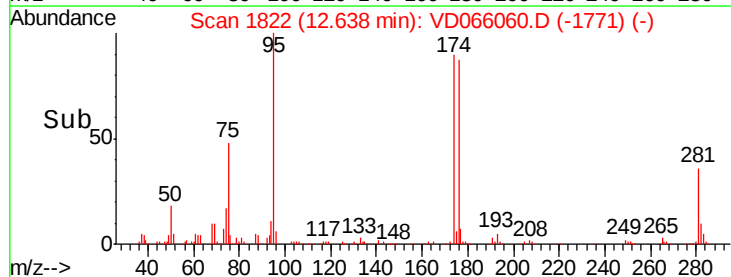
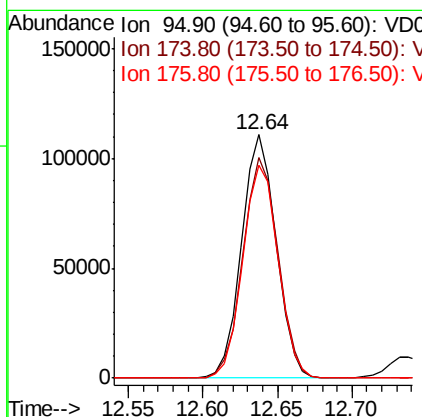
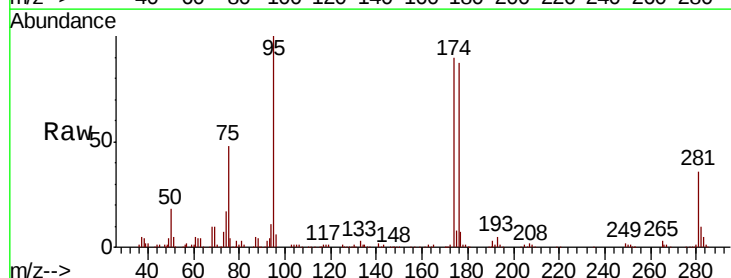
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

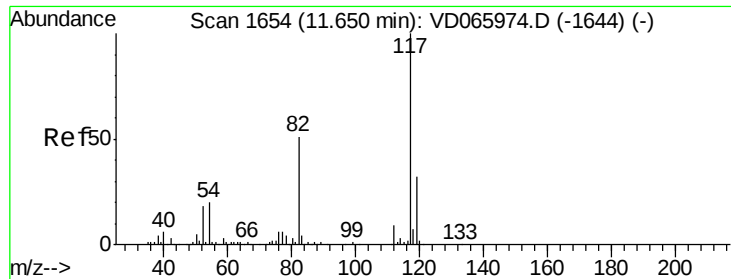
Tot Ion:107 Resp: 89448
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 56.592 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

Tgt Ion: 95 Resp: 177142
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 178.8
 176 89.5 0.0 172.6

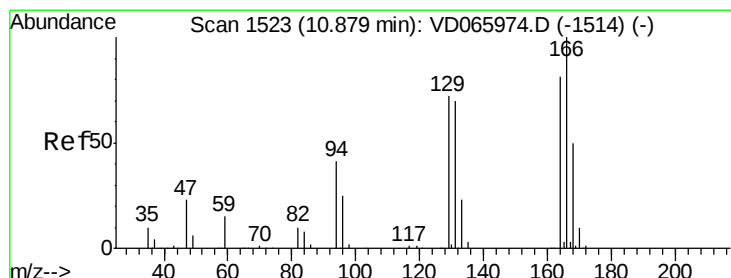
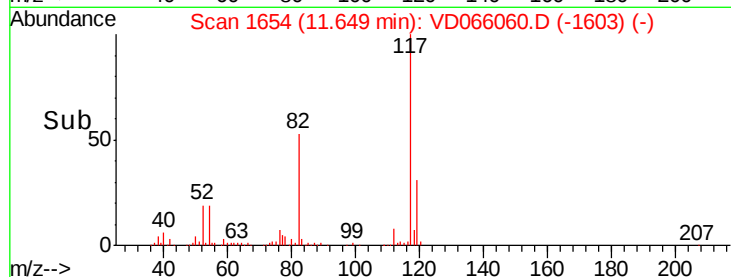
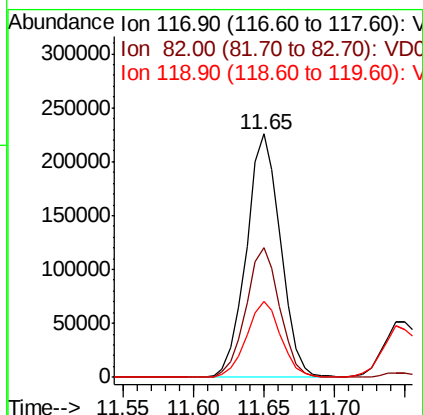
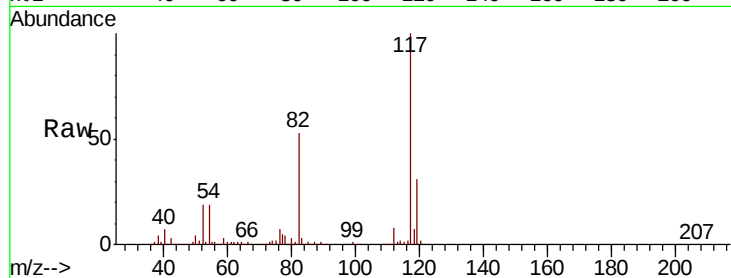




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

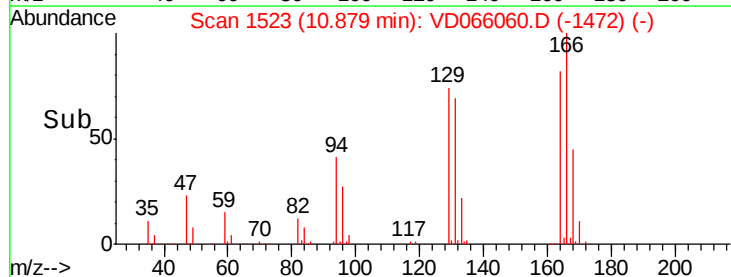
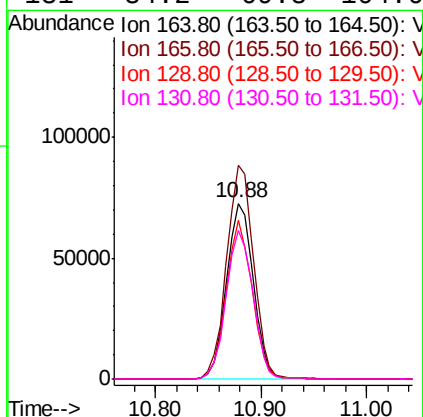
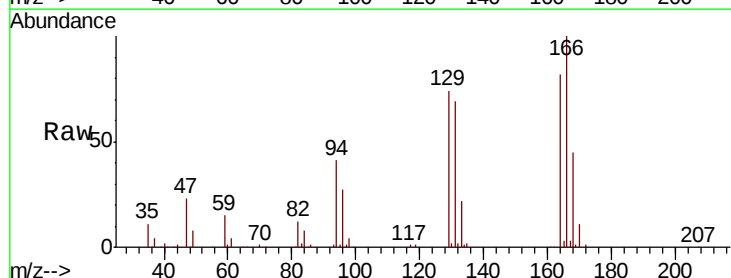
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

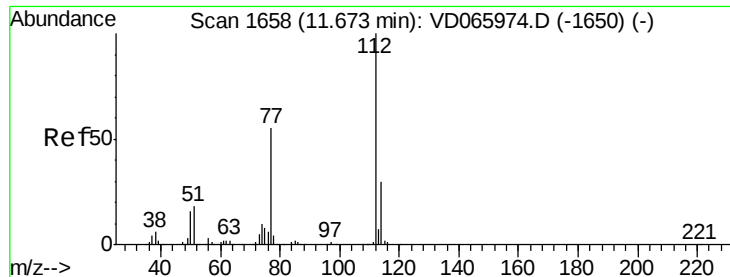
Tot Ion:117 Resp: 382913
Ion Ratio Lower Upper
117 100
82 53.5 41.1 61.7
119 31.2 25.9 38.9



#64
Tetrachloroethene
Concen: 48.989 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion:164 Resp: 127321
Ion Ratio Lower Upper
164 100
166 121.6 99.1 148.7
129 90.3 71.5 107.3
131 84.2 69.8 104.6

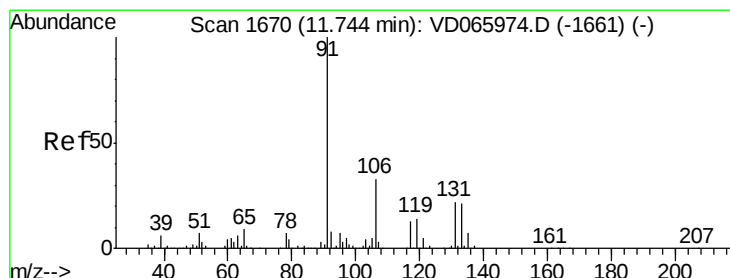
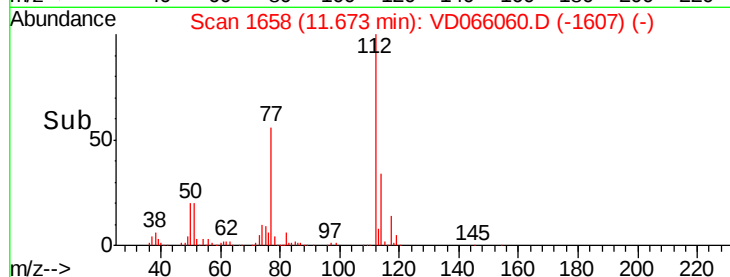
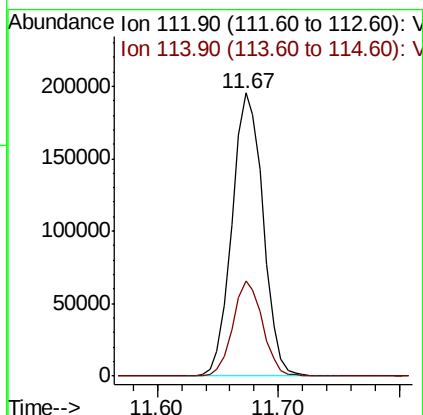
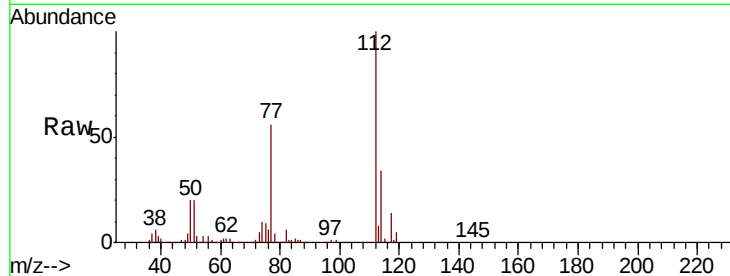




#65
Chlorobenzene
Concen: 49.995 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

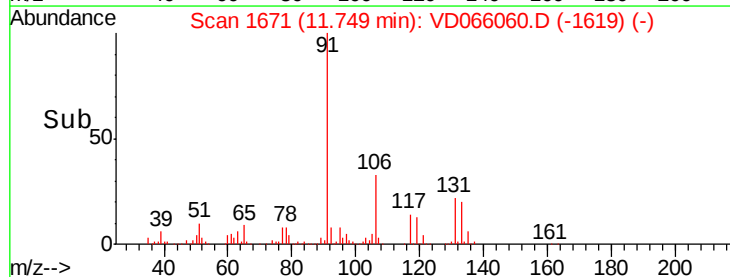
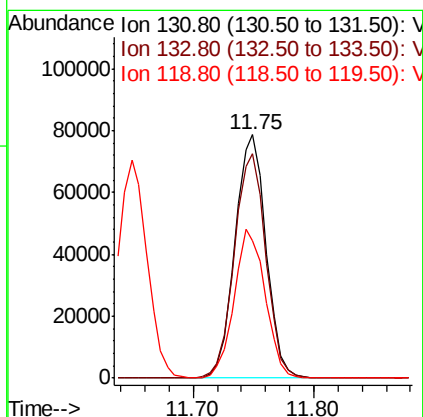
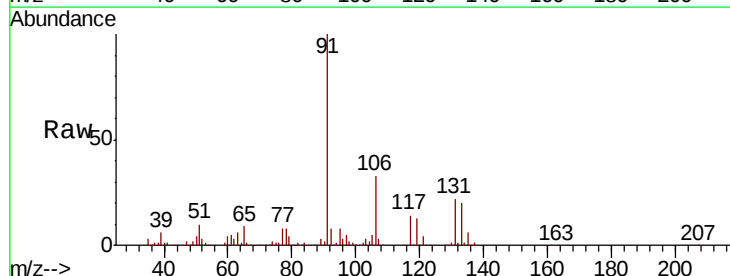
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

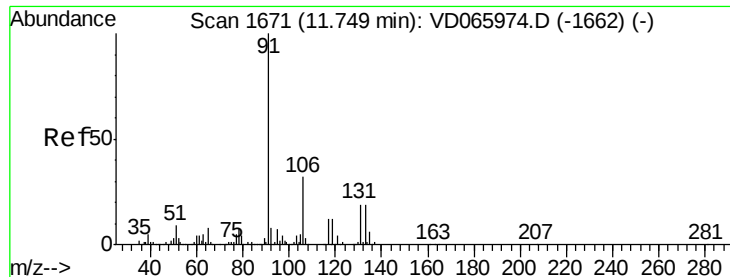
Tot Ion:112 Resp: 350510
Ion Ratio Lower Upper
112 100
114 33.7 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.525 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion:131 Resp: 141151
Ion Ratio Lower Upper
131 100
133 93.6 47.3 142.0
119 61.4 31.7 95.1

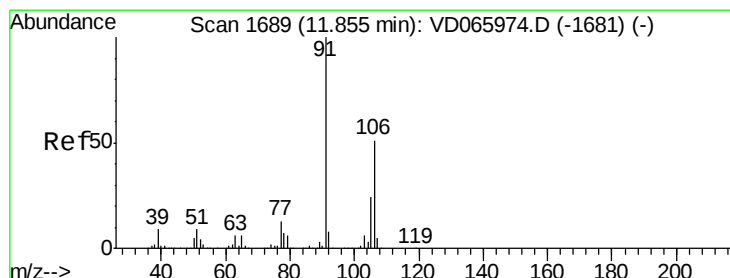
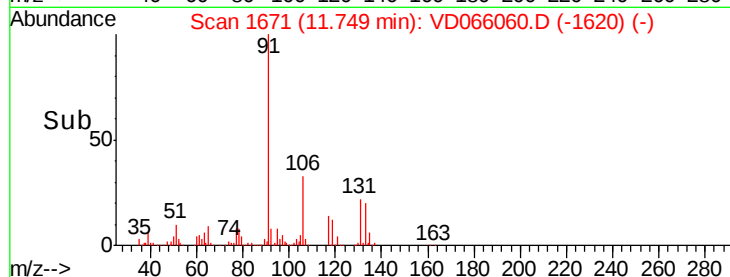
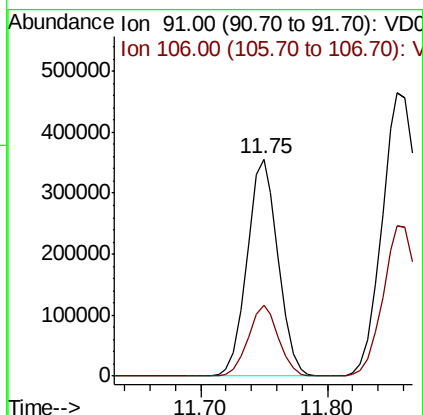
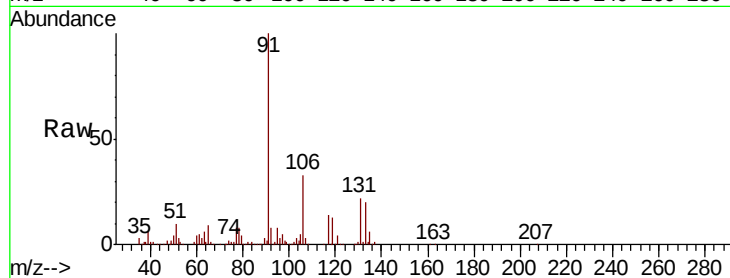




#67
Ethyl Benzene
Concen: 50.104 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

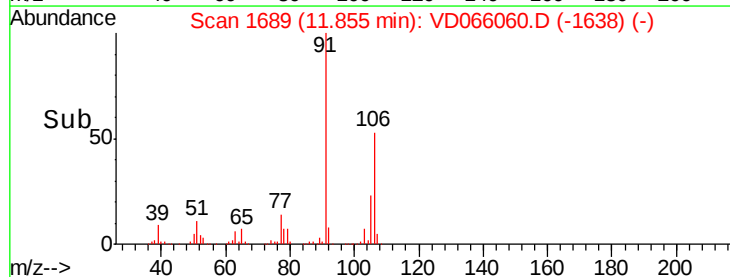
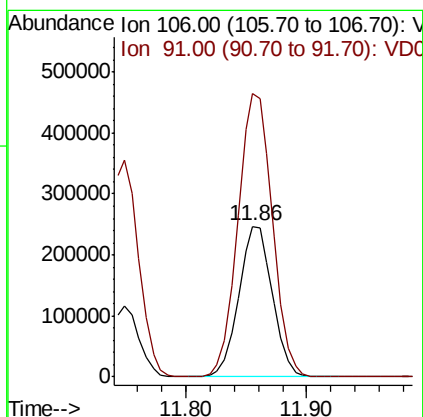
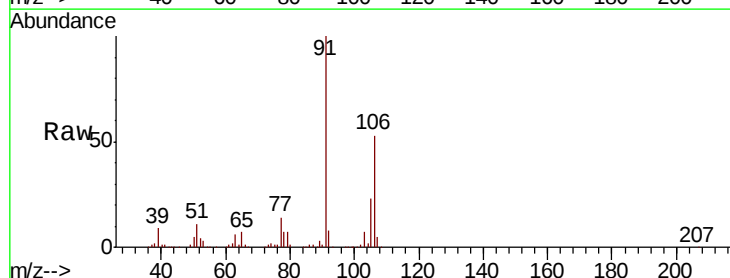
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

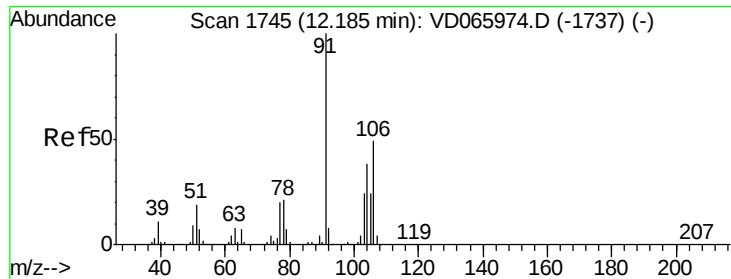
Tot Ion: 91 Resp: 604513
Ion Ratio Lower Upper
91 100
106 33.0 25.7 38.5



#68
m/p-Xylenes
Concen: 102.438 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion: 106 Resp: 475045
Ion Ratio Lower Upper
106 100
91 194.2 157.0 235.6

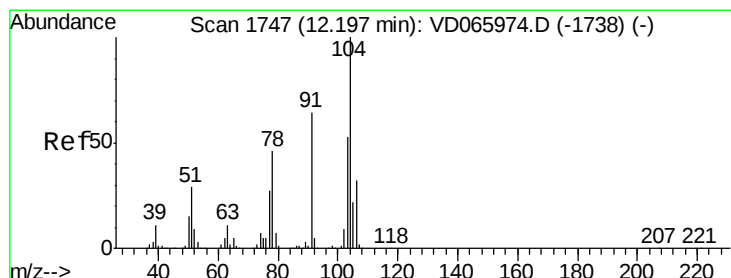
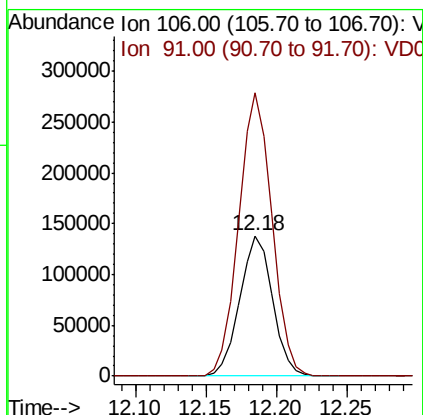
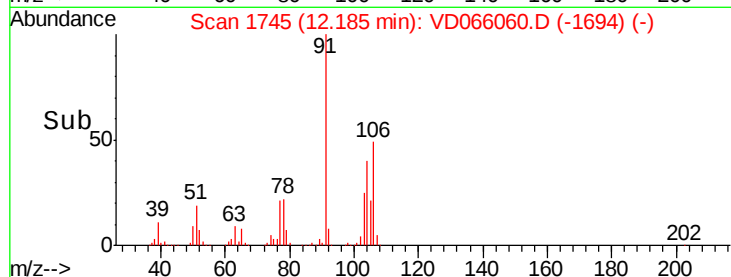
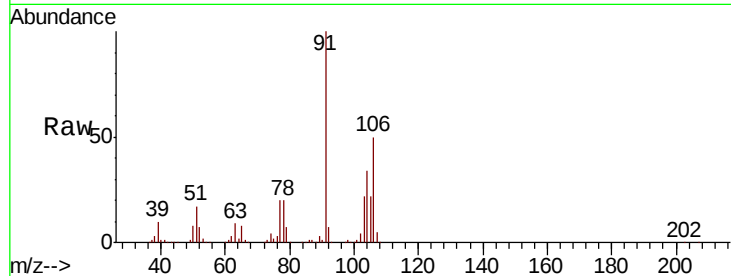




#69
o-Xylene
Concen: 53.040 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

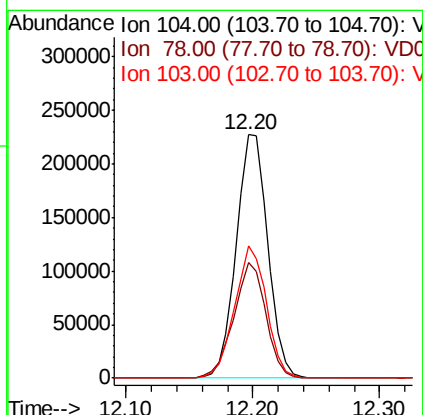
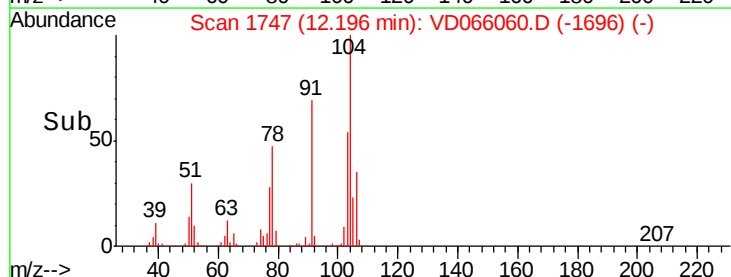
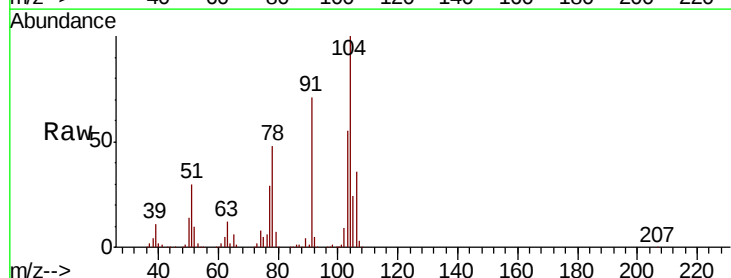
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

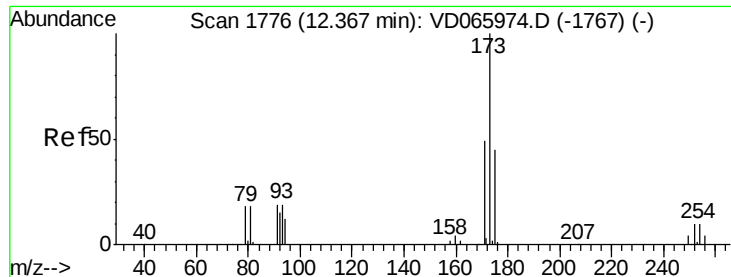
Tot Ion:106 Resp: 223714
Ion Ratio Lower Upper
106 100
91 204.9 103.1 309.3



#70
Styrene
Concen: 54.041 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion:104 Resp: 391631
Ion Ratio Lower Upper
104 100
78 48.4 38.3 57.5
103 54.5 43.8 65.8





#71

Bromoform

Concen: 53.262 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

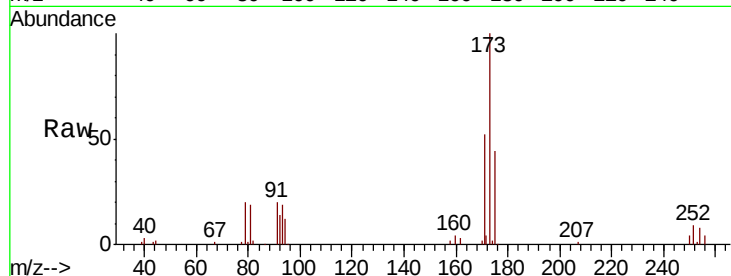
Tot Ion:173 Resp: 80765

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.3

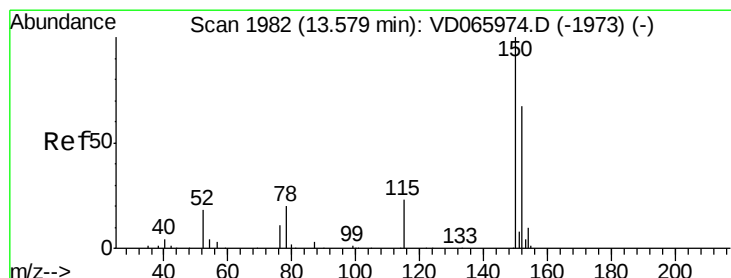
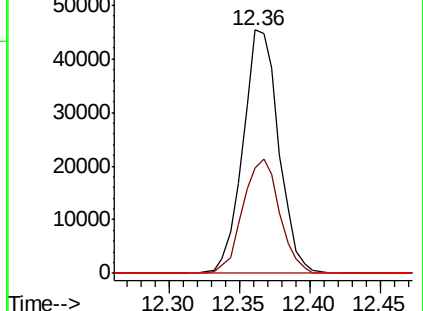
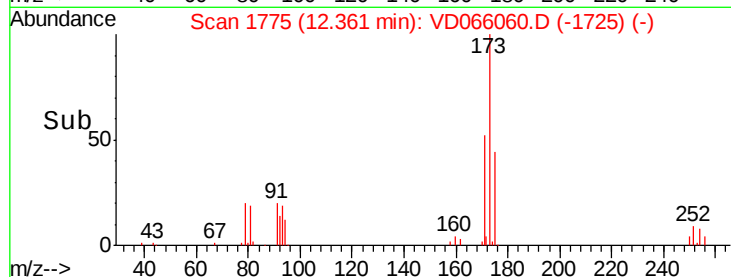
254 0.0 0.0 0.0



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# 1983

Delta R.T. 0.01 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

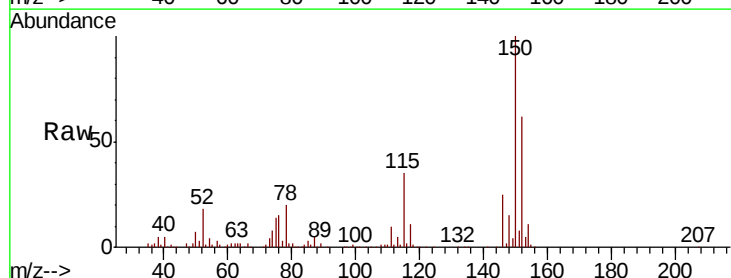
Tgt Ion:152 Resp: 205110

Ion Ratio Lower Upper

152 100

115 54.9 27.9 83.7

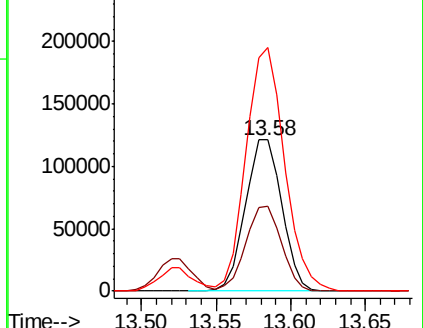
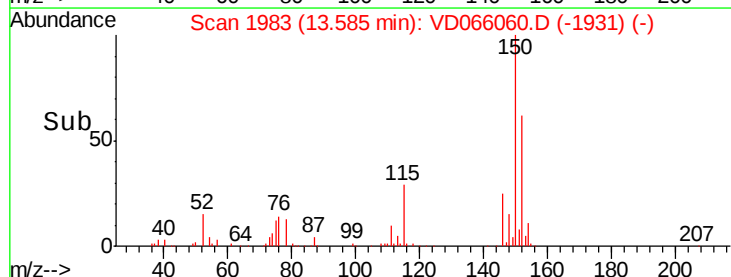
150 169.3 0.0 348.2

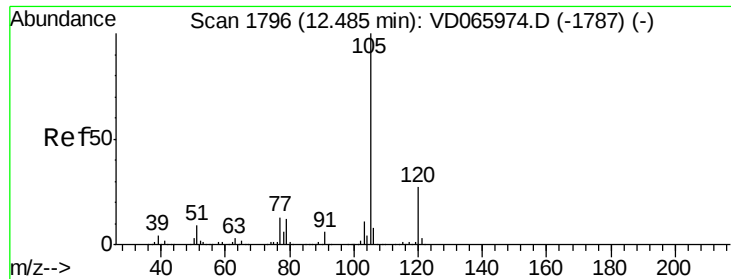


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

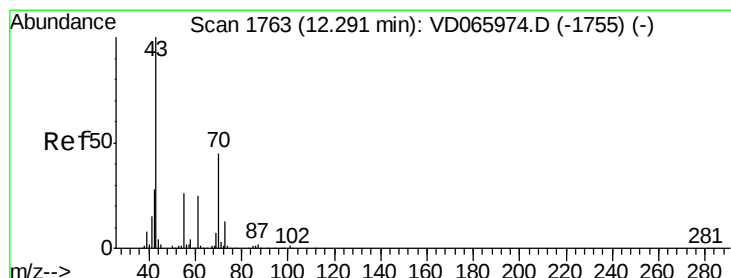
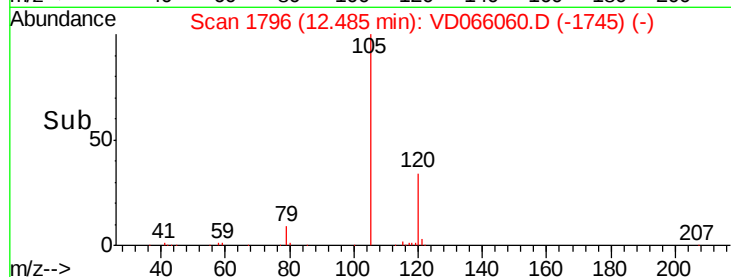
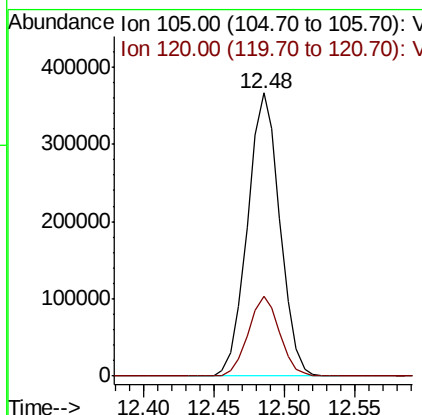
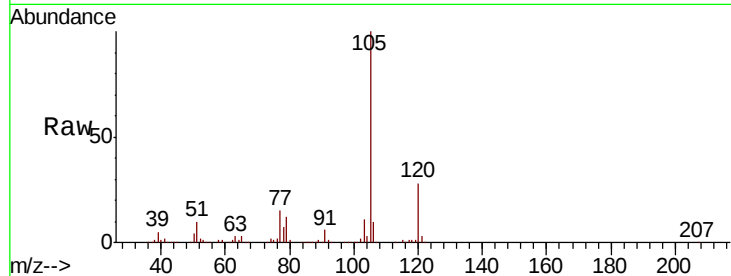




#73
Isopropylbenzene
Concen: 47.452 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

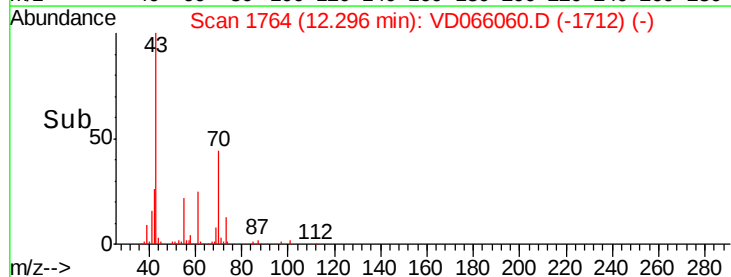
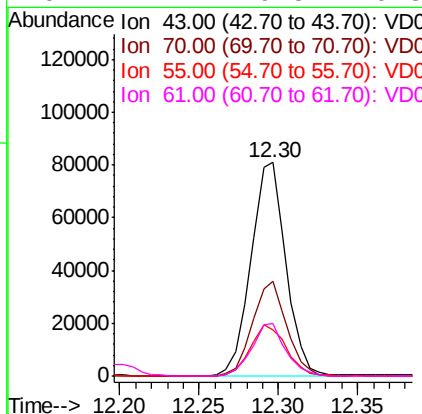
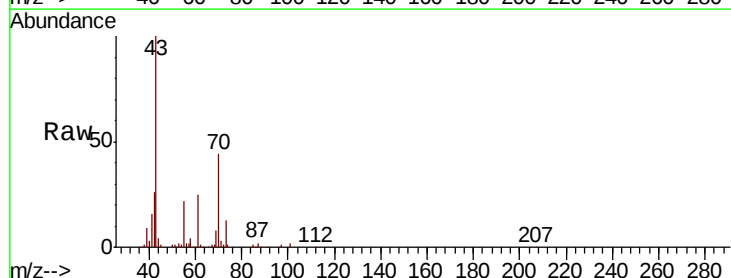
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

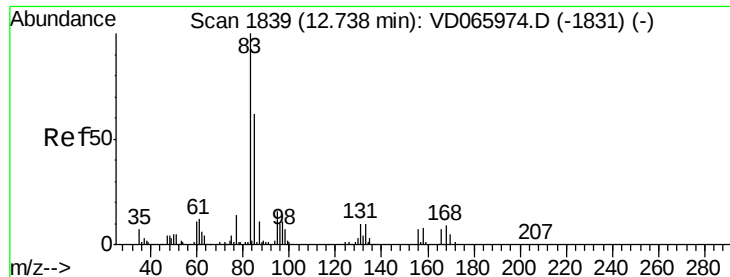
Tot Ion:105 Resp: 588934
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8



#74
N-ethyl acetate
Concen: 48.280 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion: 43 Resp: 124241
Ion Ratio Lower Upper
43 100
70 43.5 34.6 51.8
55 24.7 20.3 30.5
61 24.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.959 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

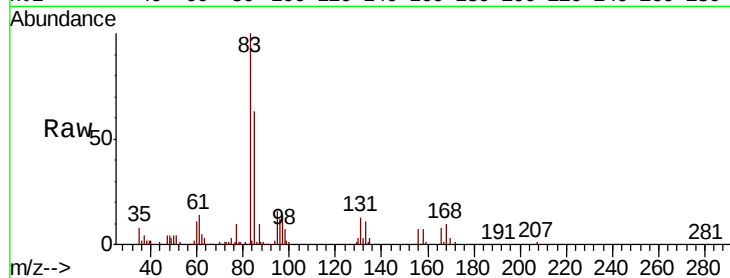
Tot Ion: 83 Resp: 96318

Ion Ratio Lower Upper

83 100

131 11.7 5.7 17.1

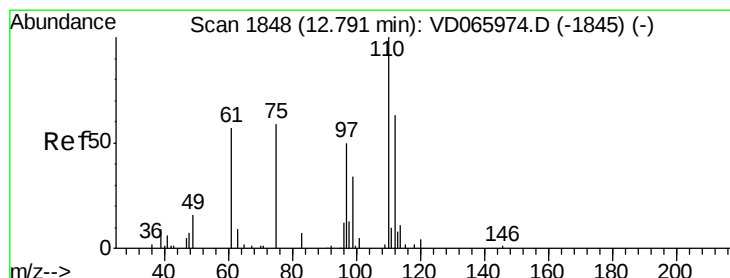
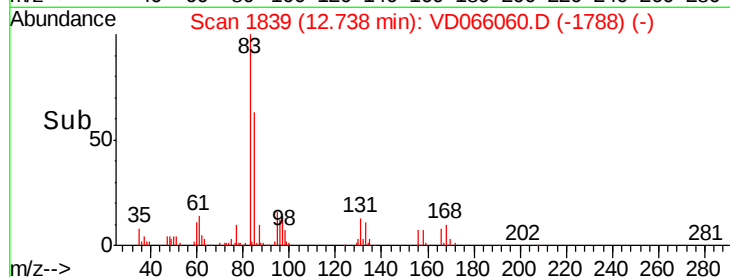
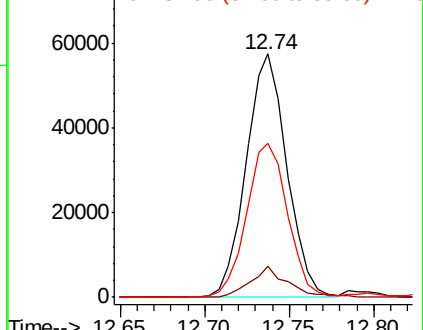
85 63.9 31.9 95.5



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: 80.496 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD066060.D

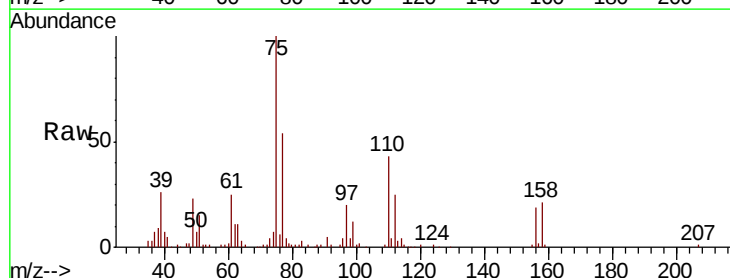
Acq: 24 Jul 2020 21:08

Tgt Ion: 75 Resp: 124316

Ion Ratio Lower Upper

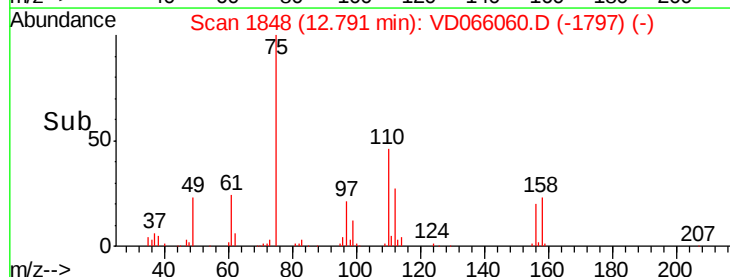
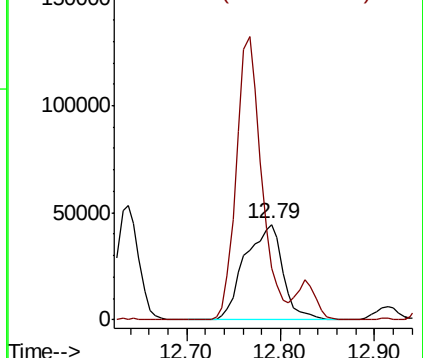
75 100

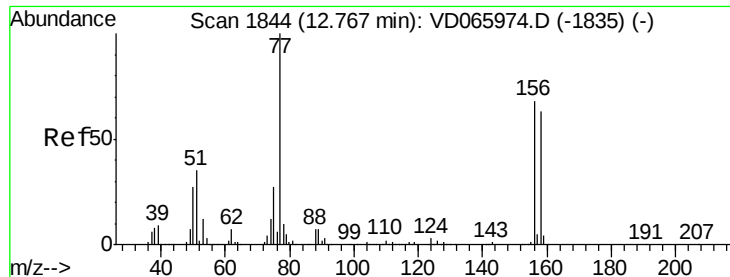
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.564 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

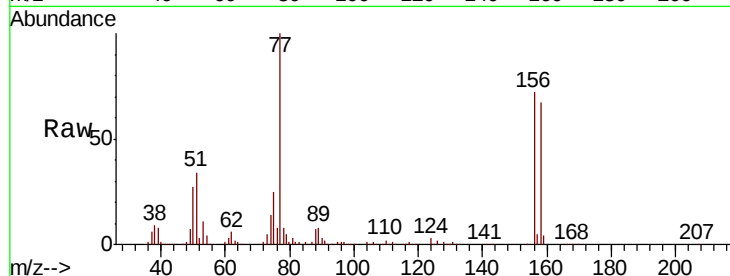
Tot Ion:156 Resp: 160382

Ion Ratio Lower Upper

156 100

77 154.6 83.0 249.0

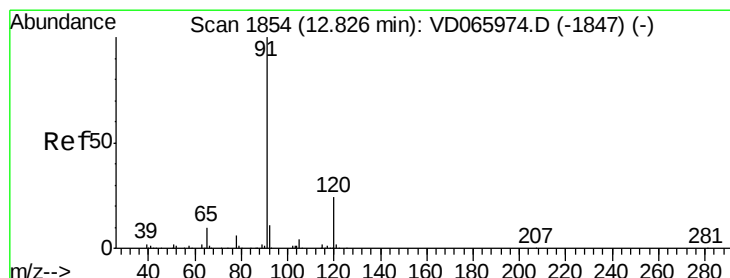
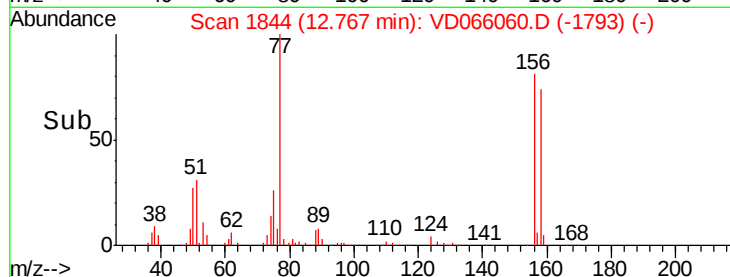
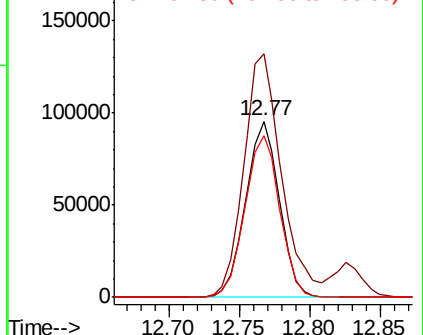
158 94.6 48.2 144.6



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: 47.045 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD066060.D

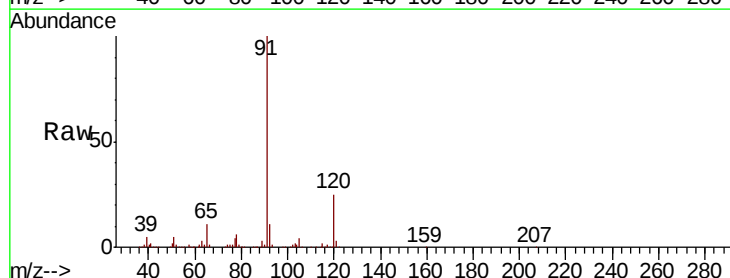
Acq: 24 Jul 2020 21:08

Tgt Ion: 91 Resp: 677547

Ion Ratio Lower Upper

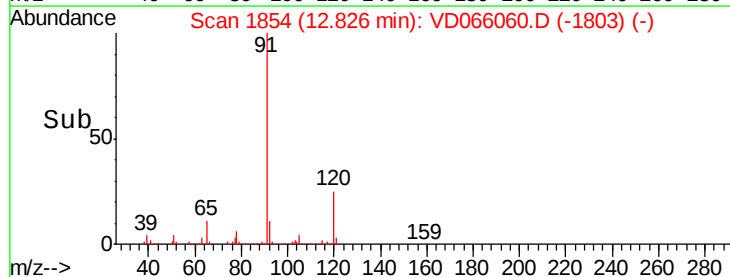
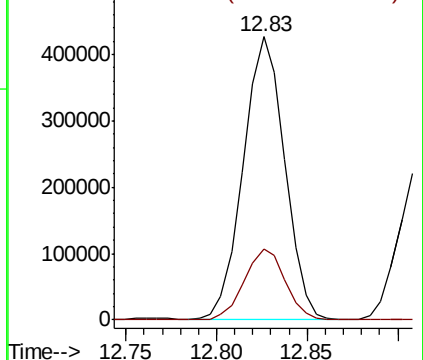
91 100

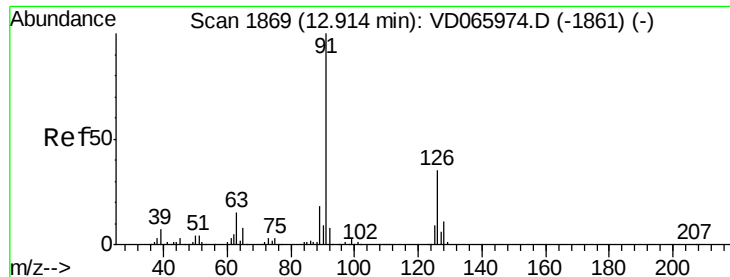
120 24.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.905 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

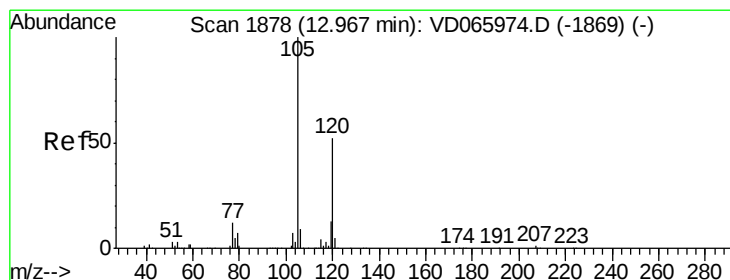
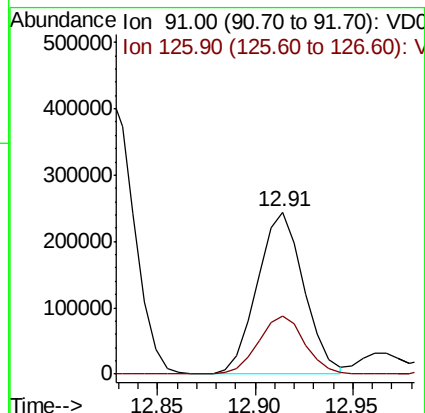
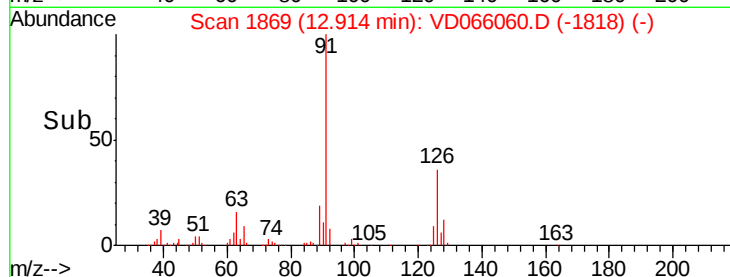
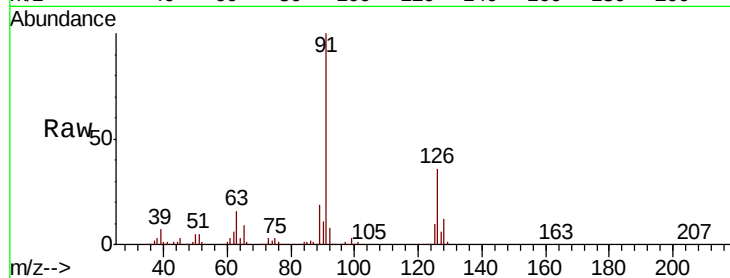
VSTDCCC050EC

Tot Ion: 91 Resp: 402386

Ion Ratio Lower Upper

91 100

126 35.7 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 49.107 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD066060.D

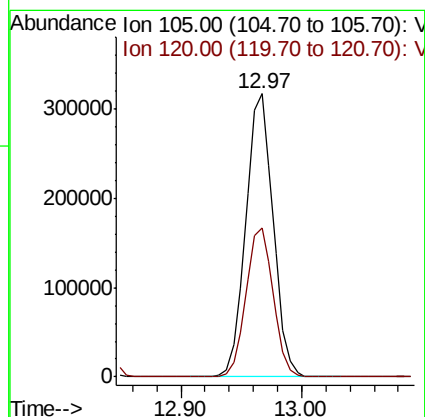
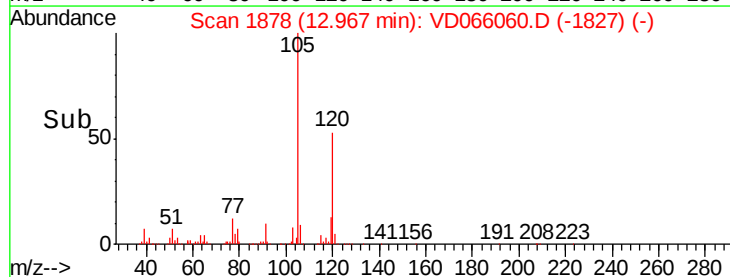
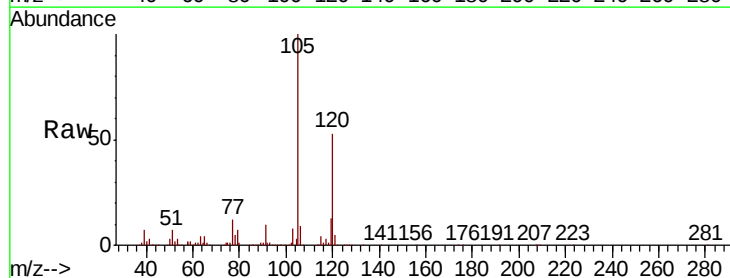
Acq: 24 Jul 2020 21:08

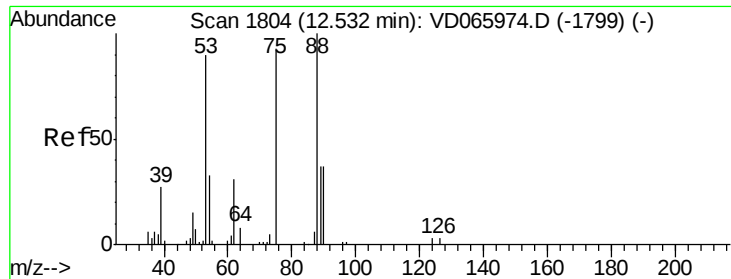
Tgt Ion: 105 Resp: 500731

Ion Ratio Lower Upper

105 100

120 52.5 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.659 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

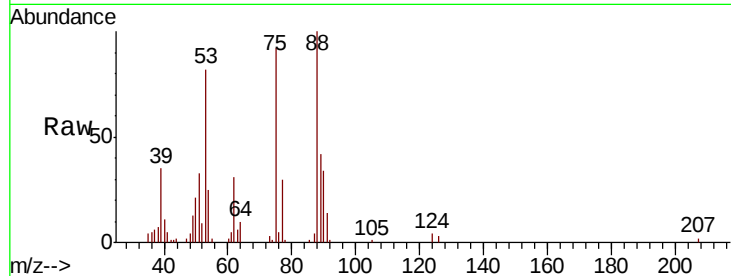
Tot Ion: 75 Resp: 31403

Ion Ratio Lower Upper

75 100

53 91.4 76.8 115.2

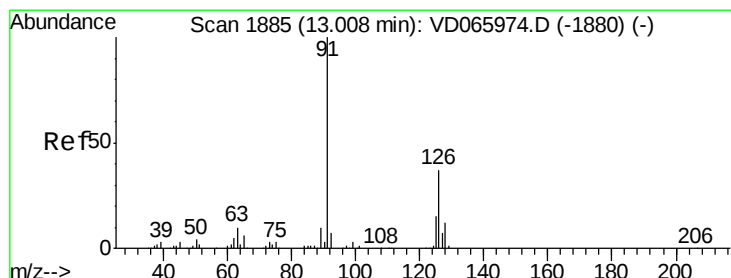
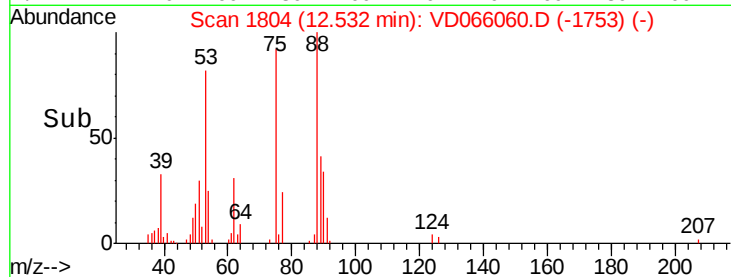
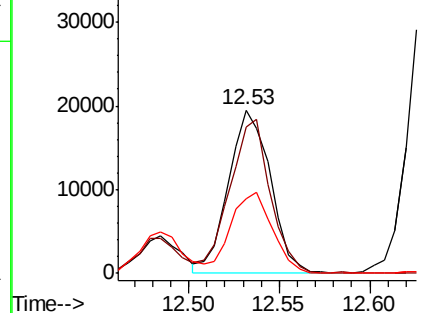
89 49.1 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 48.701 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066060.D

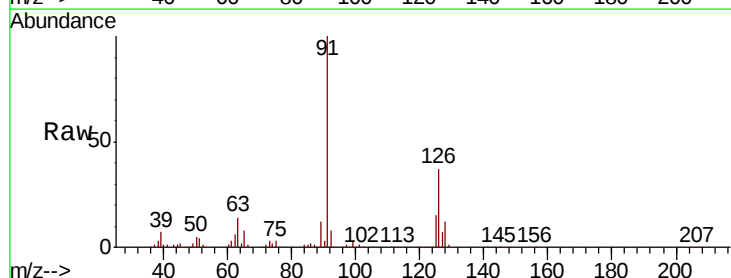
Acq: 24 Jul 2020 21:08

Tgt Ion: 91 Resp: 422949

Ion Ratio Lower Upper

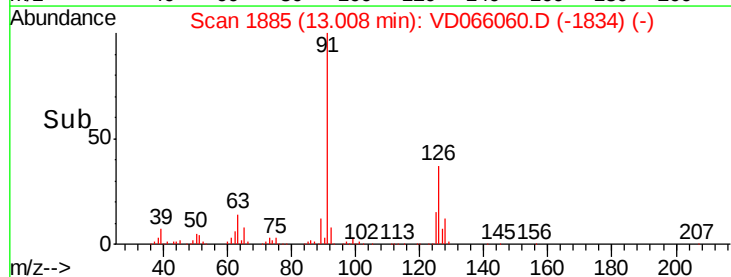
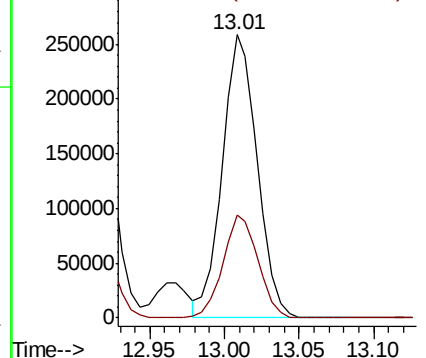
91 100

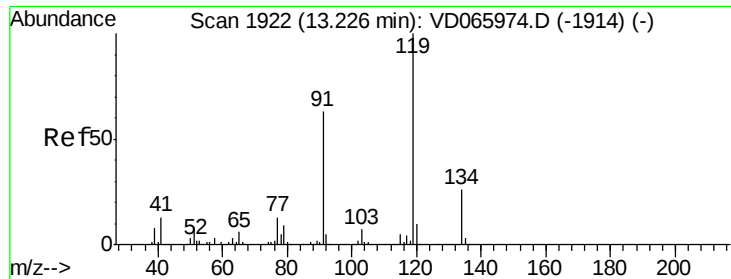
126 36.5 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

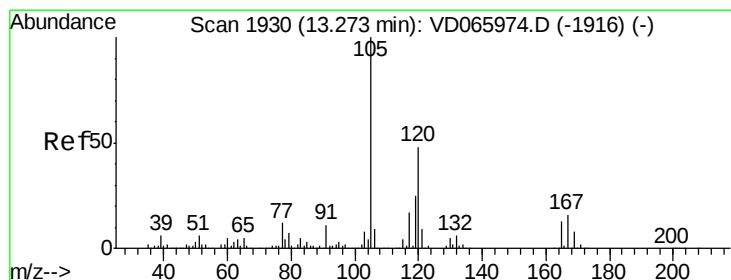
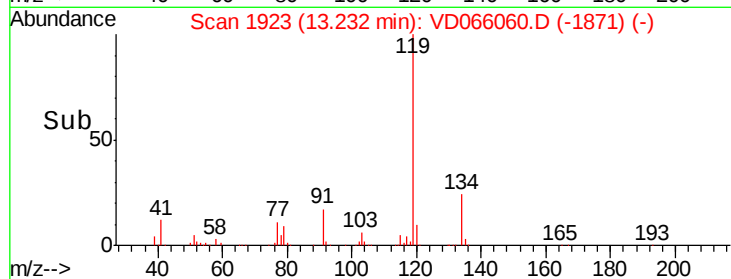
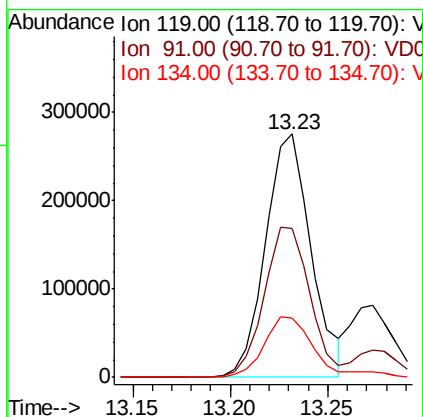
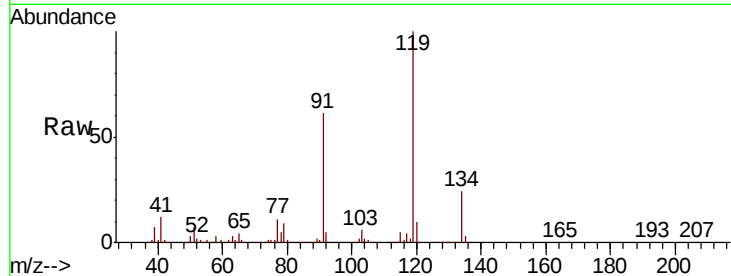




#83
tert-Butylbenzene
Concen: 50.034 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

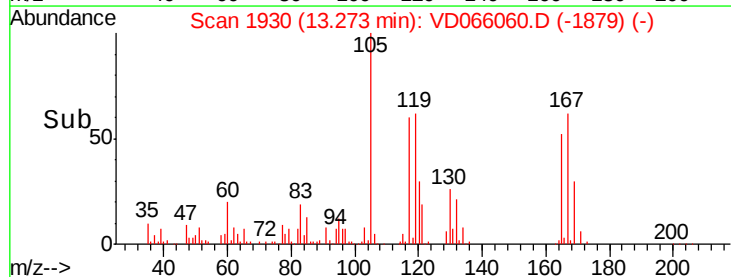
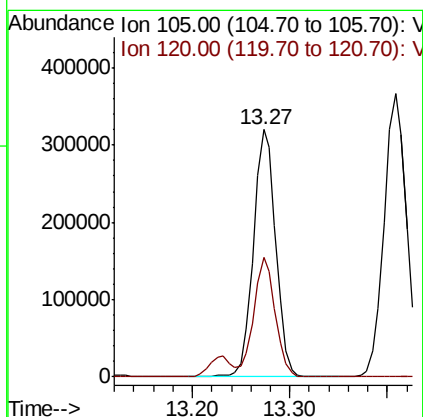
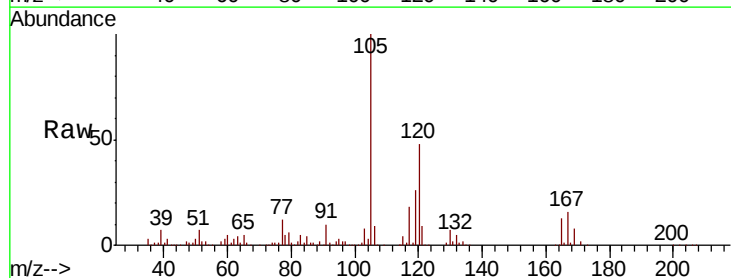
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

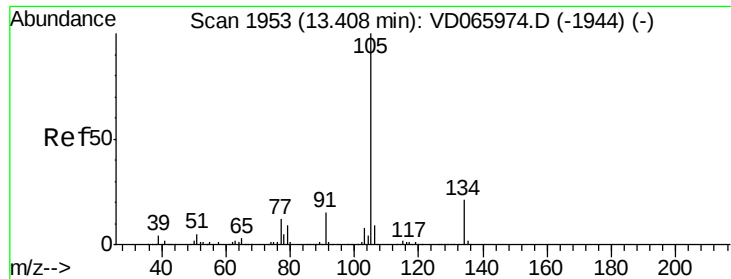
Tot Ion:119 Resp: 446443
Ion Ratio Lower Upper
119 100
91 62.0 30.6 91.6
134 25.9 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 51.171 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion:105 Resp: 514775
Ion Ratio Lower Upper
105 100
120 46.7 23.9 71.8





#85

sec-Butylbenzene

Concen: 47.290 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

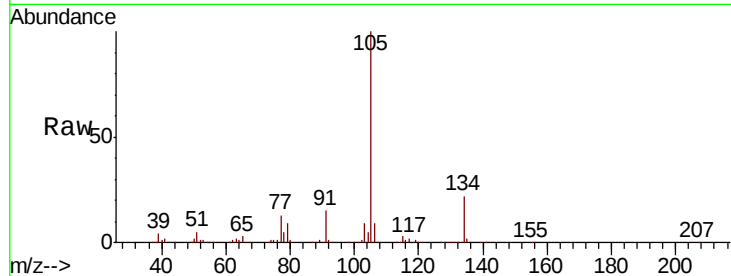
VSTDCCC050EC

Tot Ion:105 Resp: 581208

Ion Ratio Lower Upper

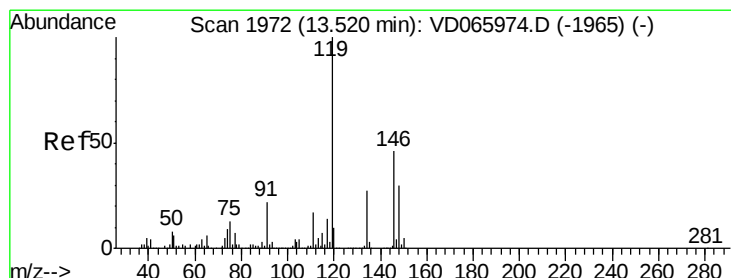
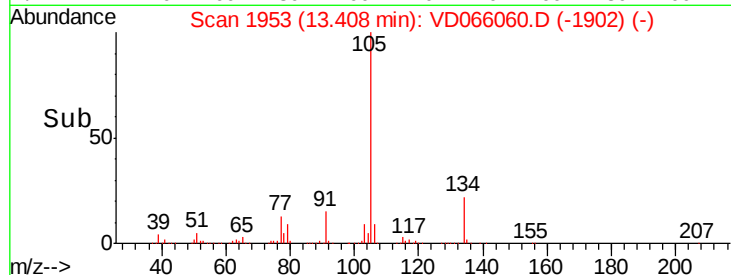
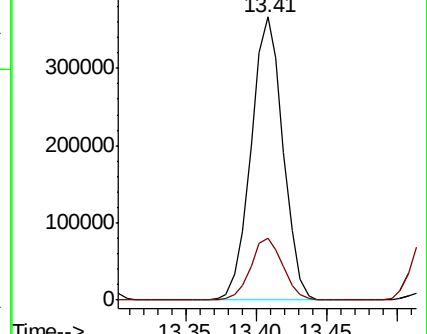
105 100

134 22.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.188 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

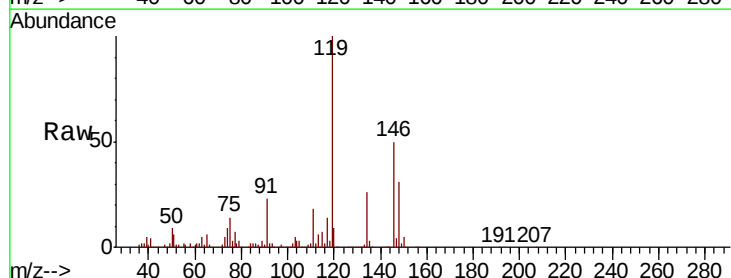
Tgt Ion:119 Resp: 560379

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

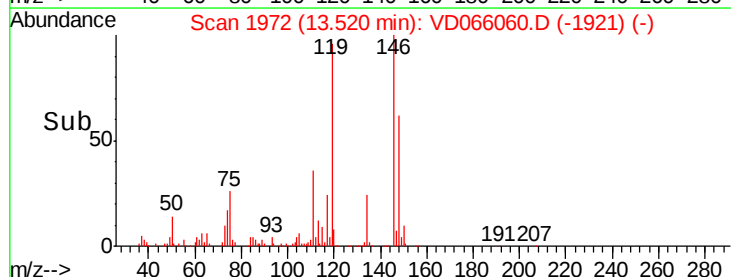
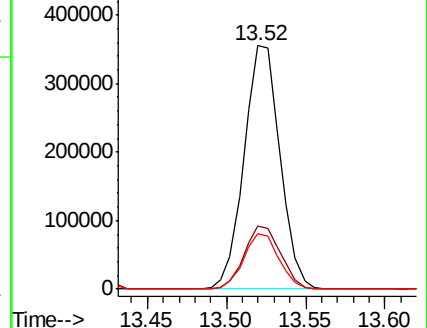
91 22.4 11.1 33.3

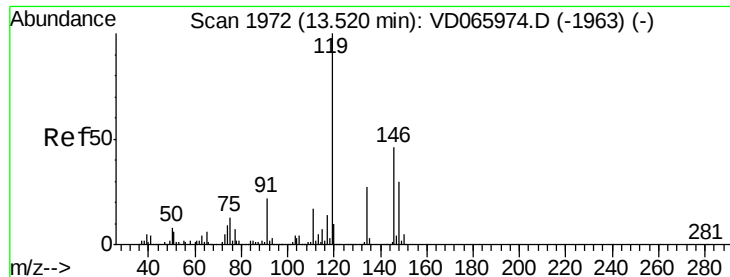


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.636 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

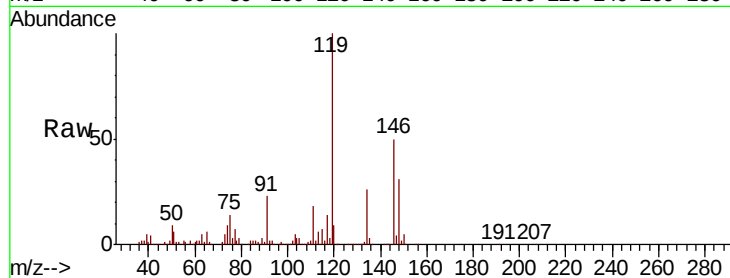
Tot Ion:146 Resp: 292302

Ion Ratio Lower Upper

146 100

111 36.8 18.6 55.6

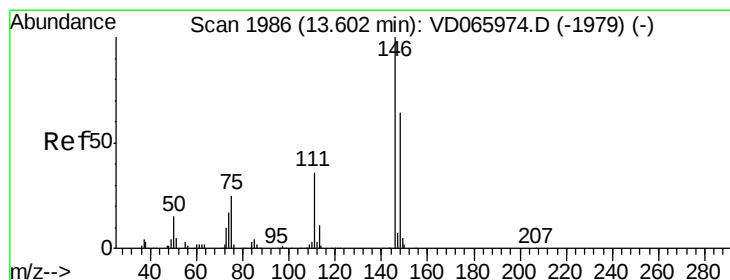
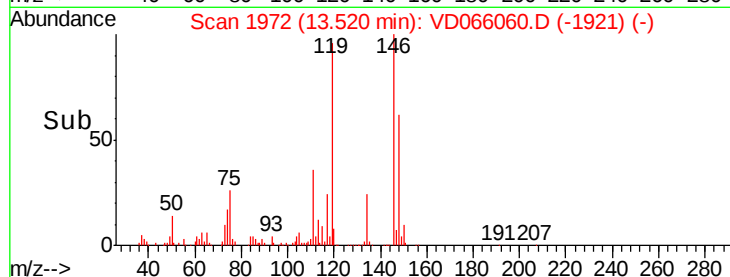
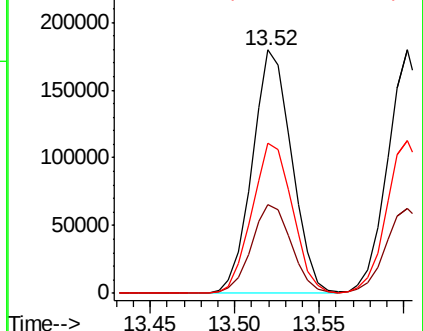
148 63.2 32.4 97.0



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



#88

1,4-Dichlorobenzene

Concen: 48.303 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD066060.D

Acq: 24 Jul 2020 21:08

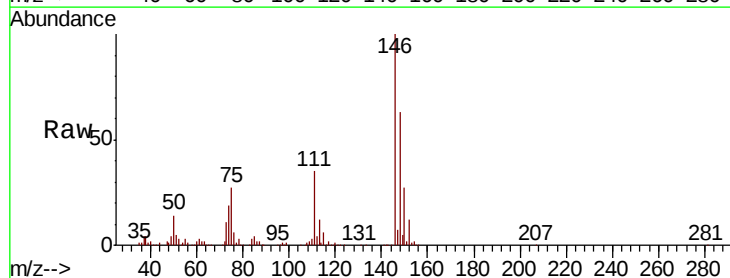
Tgt Ion:146 Resp: 287559

Ion Ratio Lower Upper

146 100

111 37.1 18.8 56.4

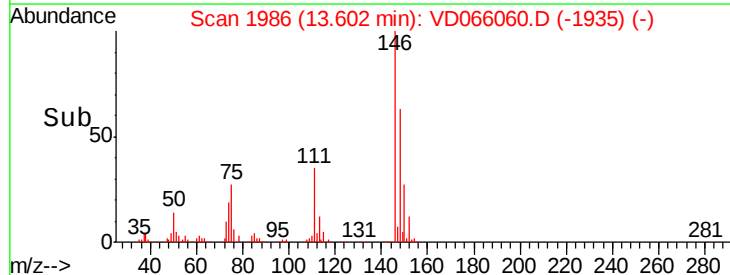
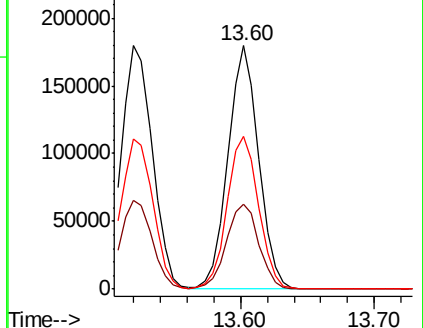
148 64.5 32.2 96.6

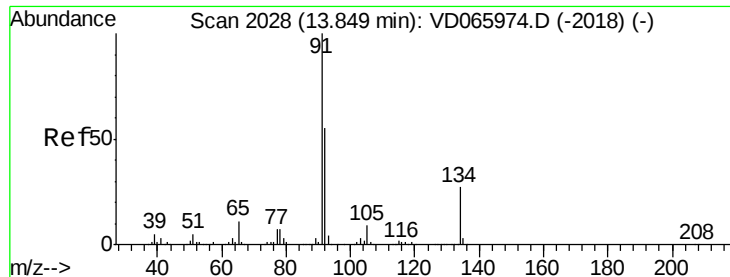


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

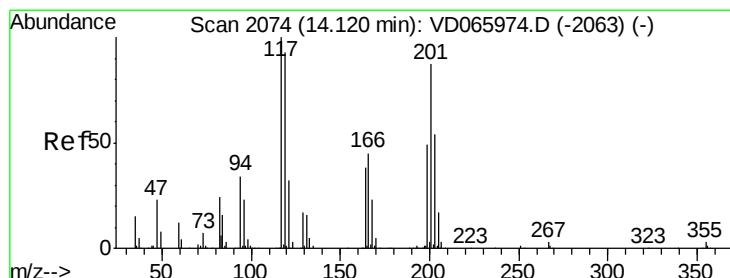
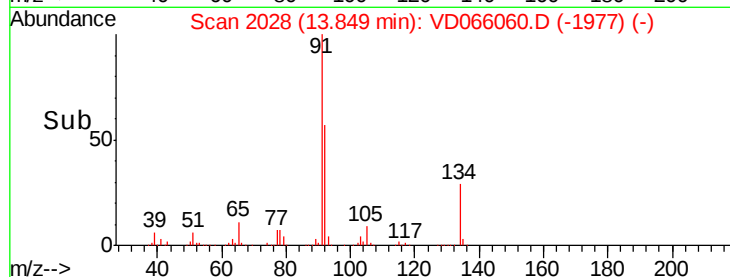
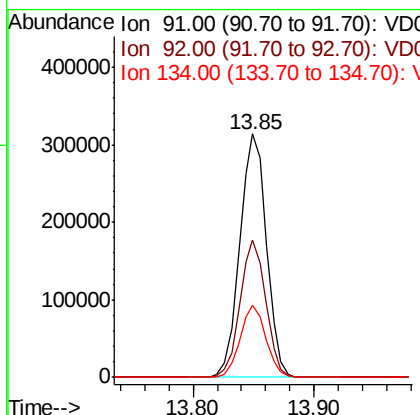
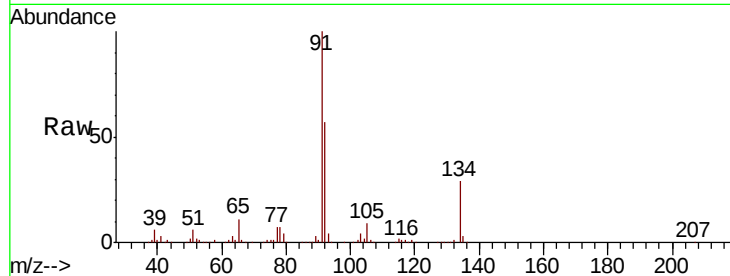




#89
n-Butylbenzene
Concen: 46.402 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

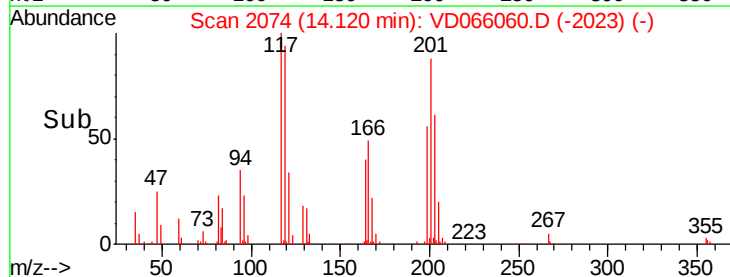
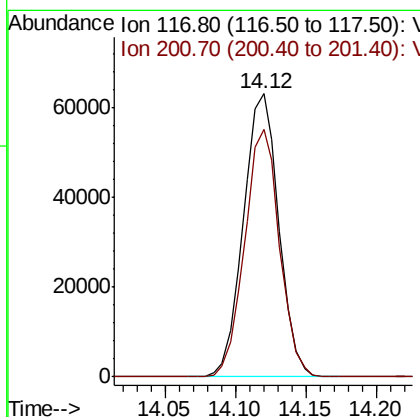
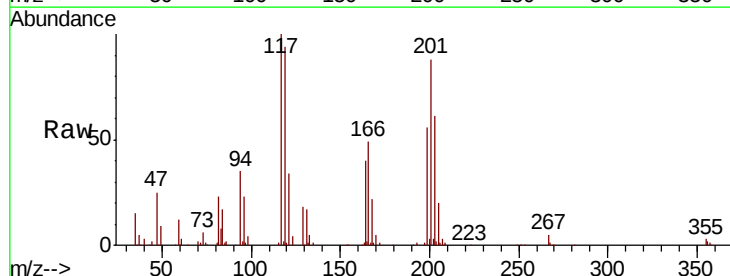
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

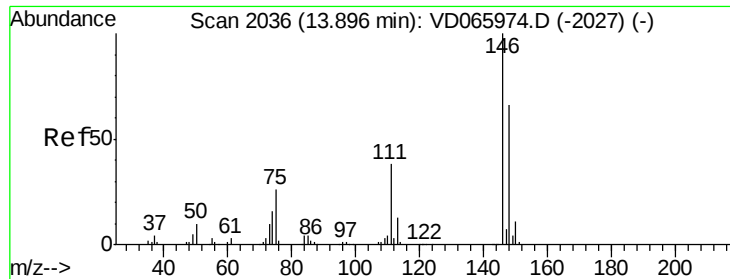
Tot Ion: 91 Resp: 481752
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.6
134 28.6 13.8 41.4



#90
Hexachloroethane
Concen: 48.050 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion: 117 Resp: 111064
Ion Ratio Lower Upper
117 100
201 86.0 42.0 126.1

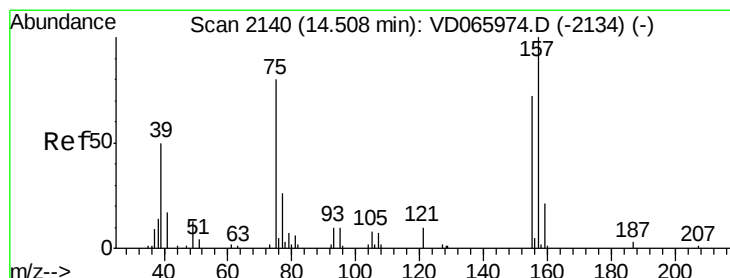
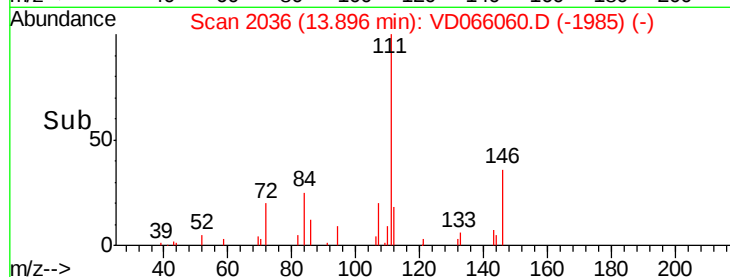
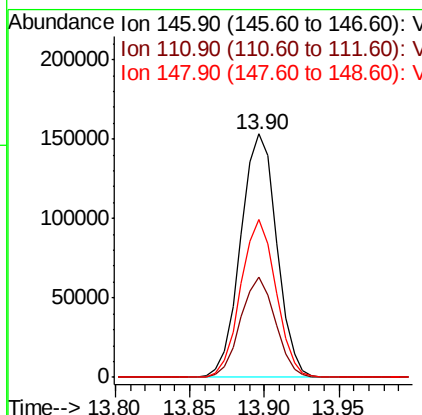
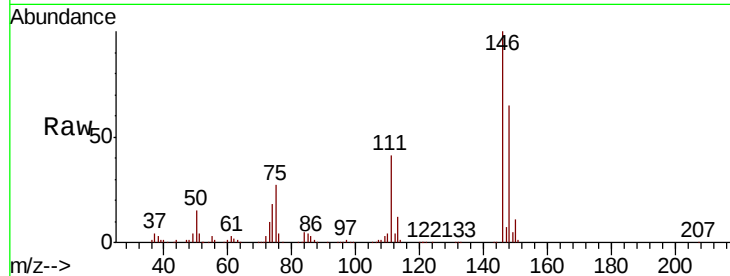




#91
 1,2-Dichlorobenzene
 Concen: 50.363 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

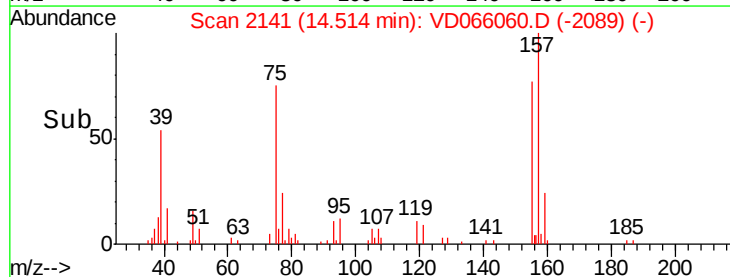
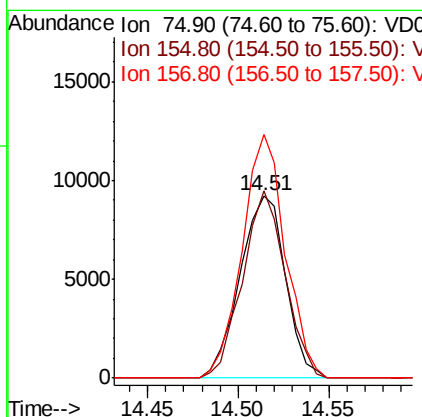
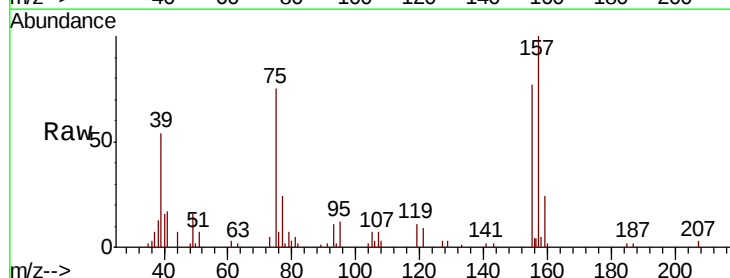
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

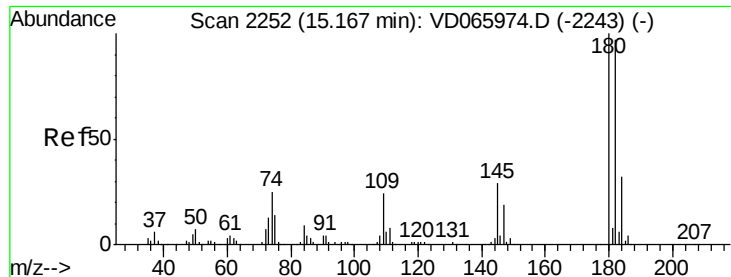
Tot Ion:146 Resp: 257001
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.3 57.9
 148 63.4 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.070 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

Tgt Ion: 75 Resp: 16159
 Ion Ratio Lower Upper
 75 100
 155 95.4 48.5 145.5
 157 126.0 64.7 194.1

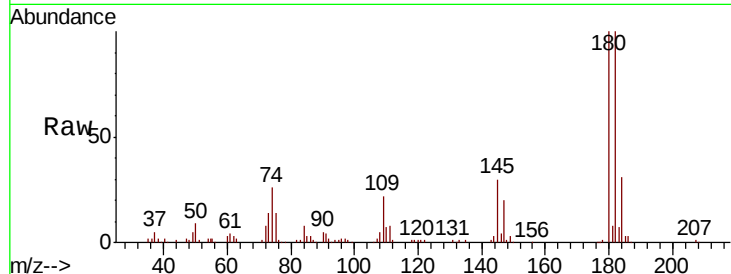




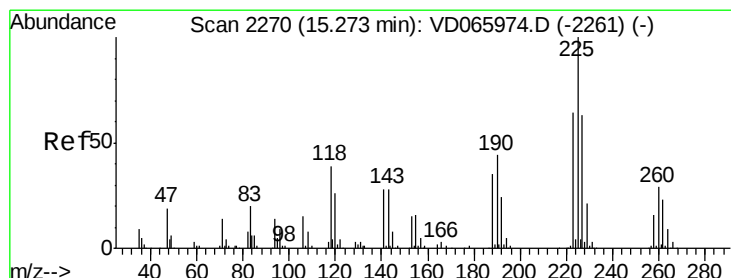
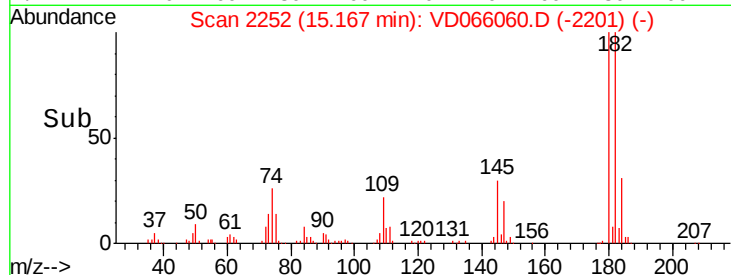
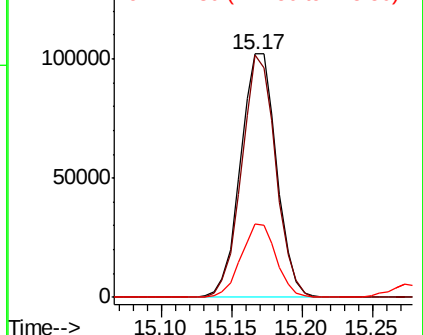
#93
 1,2,4-Trichlorobenzene
 Concen: 49.724 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.1	144.3
145	29.4	14.7	44.1

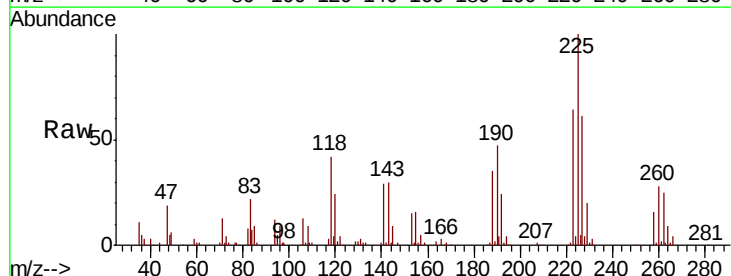


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

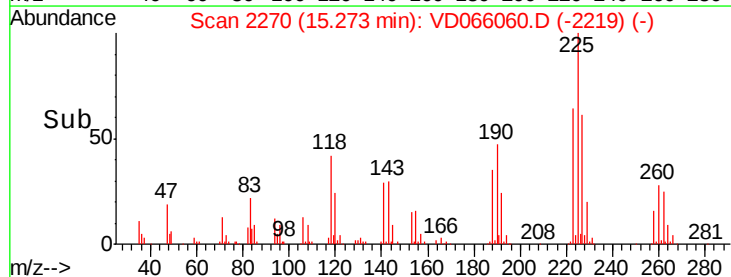
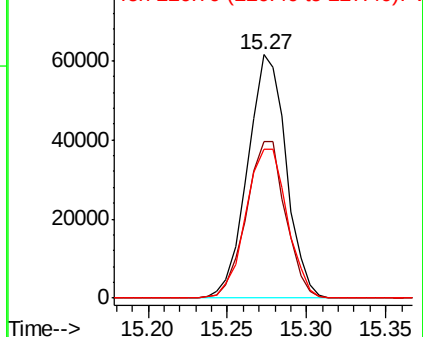


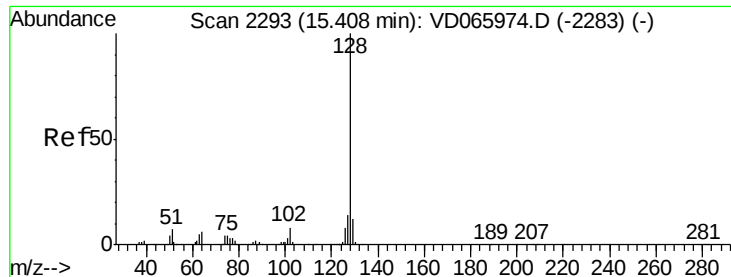
#94
 Hexachlorobutadiene
 Concen: 46.073 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066060.D
 Acq: 24 Jul 2020 21:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.2	93.6
227	65.8	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

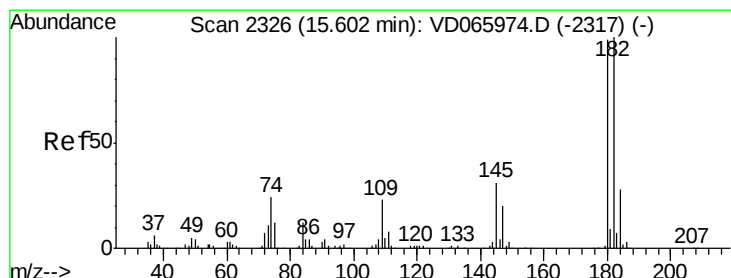
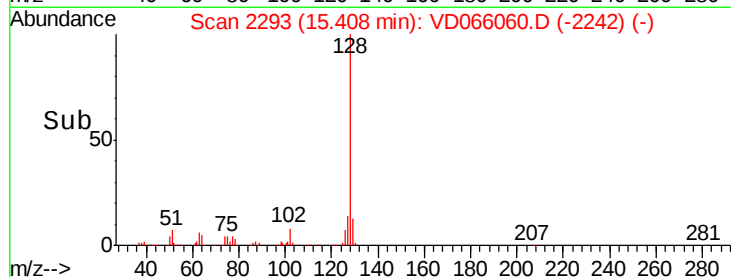
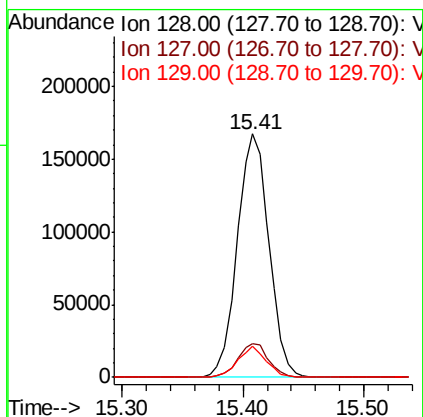
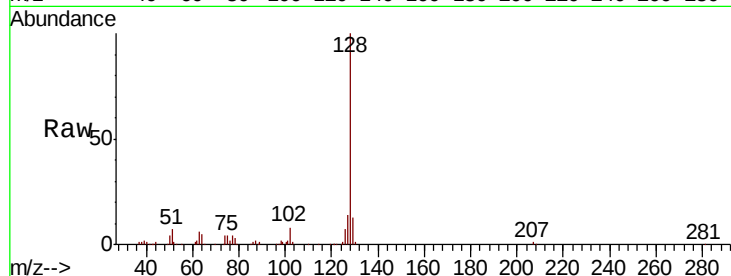




#95
Naphthalene
Concen: 47.049 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 305001
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 11.3 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.653 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066060.D
Acq: 24 Jul 2020 21:08

Tgt Ion:180 Resp: 164477
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.6
145 30.3 15.4 46.2

