

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066082.D
 Acq On : 29 Jul 2020 09:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 01:23:22 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	260077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	354405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	330284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	184996	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	113476	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
35) Dibromofluoromethane	7.91	113	115547	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
50) Toluene-d8	10.34	98	442443	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
62) 4-Bromofluorobenzene	12.64	95	158364	57.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	80416	40.743	ug/l	100
3) Chloromethane	2.21	50	64928	40.310	ug/l	97
4) Vinyl Chloride	2.35	62	70371	45.879	ug/l	96
5) Bromomethane	2.77	94	50871	46.842	ug/l	99
6) Chloroethane	2.93	64	45526	49.721	ug/l	92
7) Trichlorofluoromethane	3.27	101	189798	50.872	ug/l	100
8) Diethyl Ether	3.71	74	47000	45.576	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.10	101	109116	48.437	ug/l	96
10) Methyl Iodide	4.30	142	119537	52.084	ug/l	97
11) Tert butyl alcohol	5.21	59	31746	237.037	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	102041	47.454	ug/l	90
13) Acrolein	3.91	56	37110	208.137	ug/l	97
14) Allyl chloride	4.71	41	145713	43.349	ug/l	90
15) Acrylonitrile	5.42	53	101963	231.434	ug/l	97
16) Acetone	4.15	43	127471	297.584	ug/l	95
17) Carbon Disulfide	4.40	76	285911	40.990	ug/l	99
18) Methyl Acetate	4.71	43	45326	45.486	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	224540	50.822	ug/l	97
20) Methylene Chloride	4.96	84	108059	45.347	ug/l	97
21) trans-1,2-Dichloroethene	5.46	96	113187	46.573	ug/l	99
22) Diisopropyl ether	6.36	45	293346	45.936	ug/l	98
23) Vinyl Acetate	6.30	43	866743	240.661	ug/l	96
24) 1,1-Dichloroethane	6.26	63	183363	47.389	ug/l	97
25) 2-Butanone	7.20	43	138436	243.558	ug/l	98
26) 2,2-Dichloropropane	7.20	77	182705	52.508	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	124542	48.400	ug/l	99
28) Bromochloromethane	7.54	49	76425	46.536	ug/l	88
29) Tetrahydrofuran	7.56	42	77020	219.619	ug/l	92
30) Chloroform	7.71	83	199265	49.232	ug/l	98
31) Cyclohexane	7.98	56	162943	42.804	ug/l	90
32) 1,1,1-Trichloroethane	7.90	97	195580	52.240	ug/l	99
36) 1,1-Dichloropropene	8.11	75	157931	52.214	ug/l	98
37) Ethyl Acetate	7.28	43	59427	51.446	ug/l	99
38) Carbon Tetrachloride	8.09	117	190454	58.031	ug/l	96

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Quant Time: Jul 30 01:23:22 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	186072	50.799	ug/l	97
40) Benzene	8.35	78	429178	50.718	ug/l	96
41) Methacrylonitrile	7.53	41	38532	58.230	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	129910	56.025	ug/l	98
43) Isopropyl Acetate	8.45	43	112851	50.020	ug/l	98
44) Trichloroethene	9.11	130	134796	52.640	ug/l	98
45) 1,2-Dichloropropane	9.38	63	102516	50.022	ug/l	98
46) Dibromomethane	9.48	93	58216	52.767	ug/l	96
47) Bromodichloromethane	9.66	83	157544	54.006	ug/l	99
48) Methyl methacrylate	9.46	41	52440	46.079	ug/l	85
49) 1,4-Dioxane	9.47	88	13473	1054.060	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	292805	257.578	ug/l	99
52) Toluene	10.40	92	292779	53.055	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	150777	55.478	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	175599	53.302	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	83661	53.467	ug/l	93
56) Ethyl methacrylate	10.66	69	100780	55.397	ug/l #	96
57) 1,3-Dichloropropane	10.95	76	136289	52.615	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	211377	243.228	ug/l	96
59) 2-Hexanone	10.98	43	217697	276.349	ug/l	96
60) Dibromochloromethane	11.14	129	118355	56.100	ug/l	98
61) 1,2-Dibromoethane	11.25	107	81661	54.128	ug/l	99
64) Tetrachloroethene	10.88	164	123049	54.889	ug/l	96
65) Chlorobenzene	11.67	112	318156	52.611	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.75	131	125397	56.158	ug/l	99
67) Ethyl Benzene	11.75	91	572590	55.020	ug/l	96
68) m/p-Xylenes	11.86	106	444687	111.172	ug/l	99
69) o-Xylene	12.18	106	201104	55.277	ug/l	95
70) Styrene	12.20	104	357348	57.167	ug/l	98
71) Bromoform	12.37	173	73320	56.057	ug/l #	99
73) Isopropylbenzene	12.48	105	577888	51.624	ug/l	99
74) N-amyl acetate	12.30	43	112456	48.452	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	86545	46.782	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	121501	87.227	ug/l #	100
77) Bromobenzene	12.77	156	143079	50.013	ug/l	95
78) n-propylbenzene	12.83	91	673044	51.814	ug/l	100
79) 2-Chlorotoluene	12.91	91	373955	50.391	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	489854	53.263	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	31198	51.394	ug/l	95
82) 4-Chlorotoluene	13.01	91	398388	50.860	ug/l	100
83) tert-Butylbenzene	13.23	119	422547	52.505	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	478523	52.739	ug/l	99
85) sec-Butylbenzene	13.41	105	592641	53.463	ug/l	100
86) p-Isopropyltoluene	13.53	119	546122	54.229	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	269740	50.785	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	274524	51.127	ug/l	98
89) n-Butylbenzene	13.85	91	498442	53.230	ug/l	98
90) Hexachloroethane	14.12	117	104940	50.337	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	237736	51.653	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14434	47.607	ug/l	96

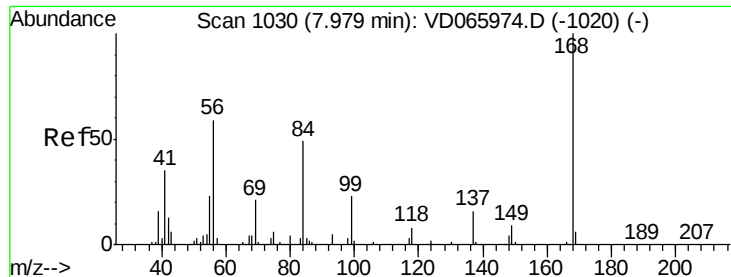
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	179507	54.336	ug/l	99
94) Hexachlorobutadiene	15.28	225	112795	55.225	ug/l	99
95) Naphthalene	15.41	128	285433	48.685	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	152727	53.177	ug/l	100

(#) = 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: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

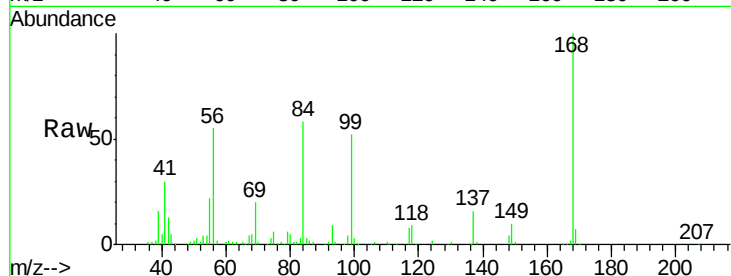
ClientSampleId :

Tot Ion:168 Resp: 260077

Ion Ratio Lower Upper

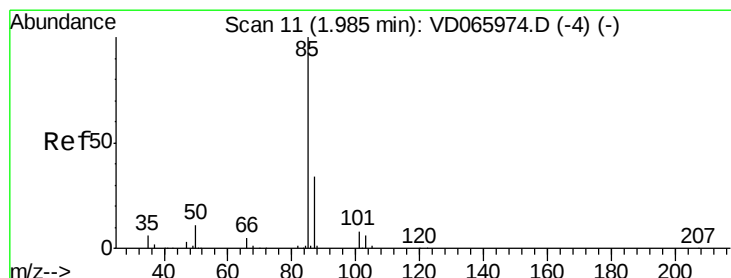
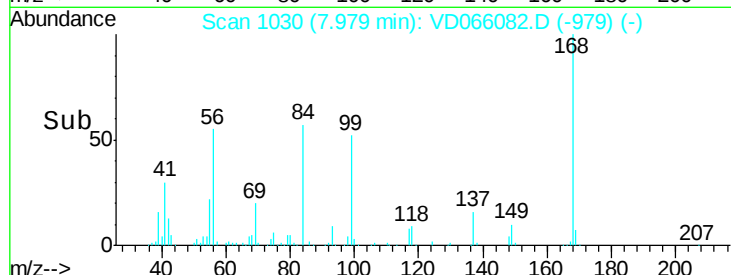
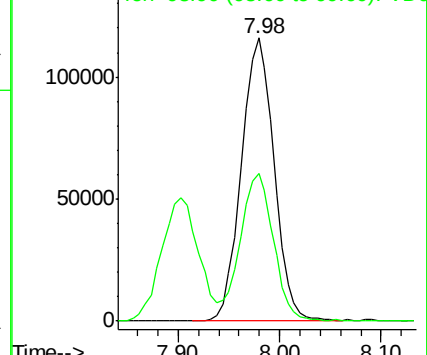
168 100

99 52.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 40.743 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066082.D

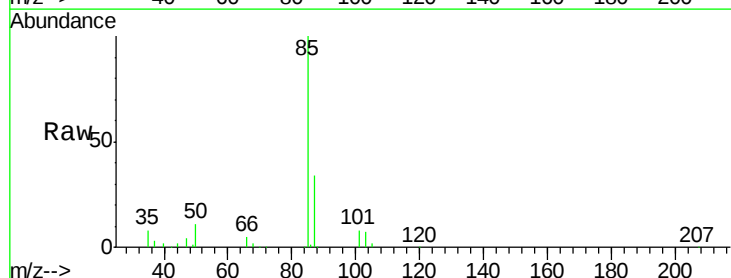
Acq: 29 Jul 2020 09:50

Tgt Ion: 85 Resp: 80416

Ion Ratio Lower Upper

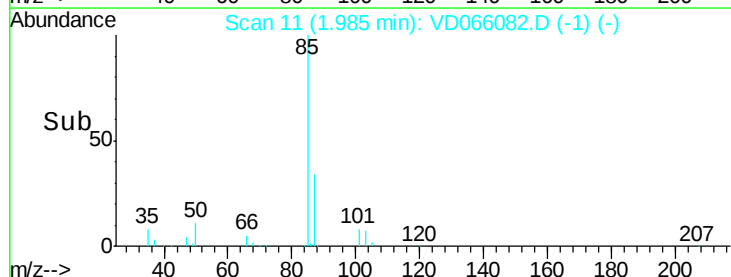
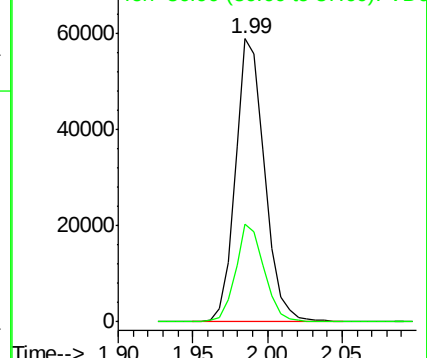
85 100

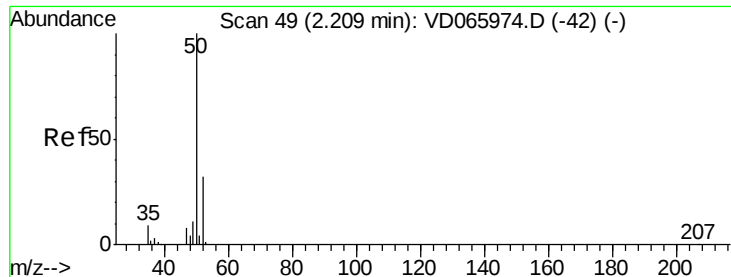
87 34.4 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 40.310 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

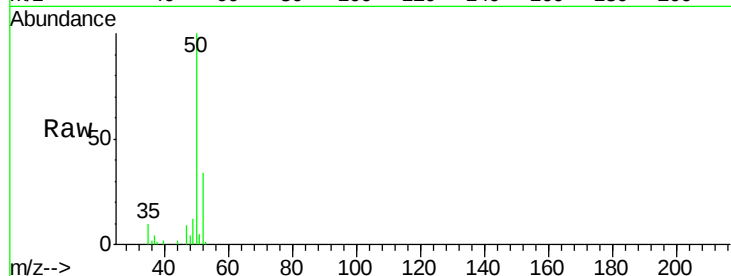
ClientSampleId :

Tot Ion: 50 Resp: 64928

Ion Ratio Lower Upper

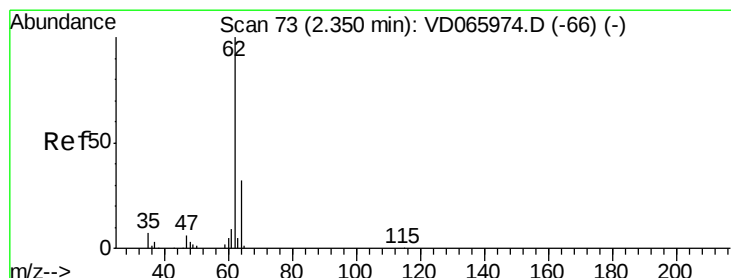
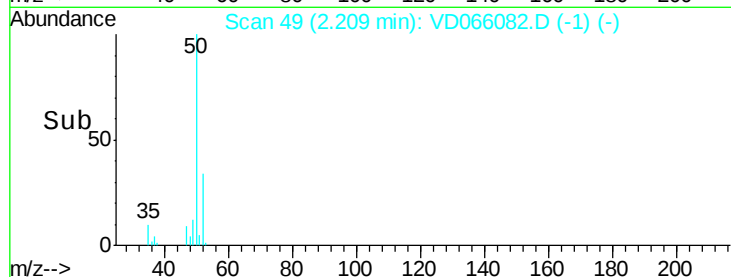
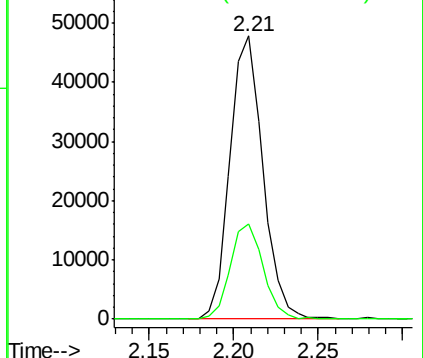
50 100

52 33.8 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 45.879 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066082.D

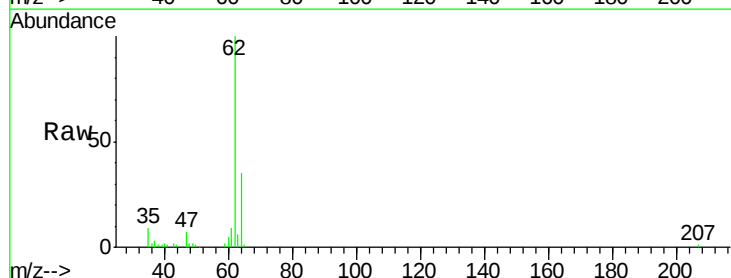
Acq: 29 Jul 2020 09:50

Tgt Ion: 62 Resp: 70371

Ion Ratio Lower Upper

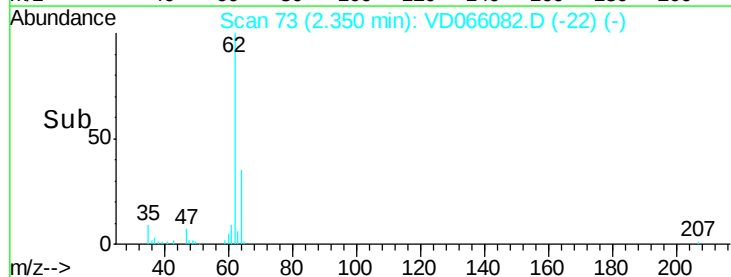
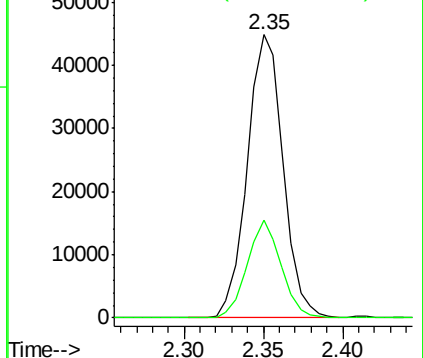
62 100

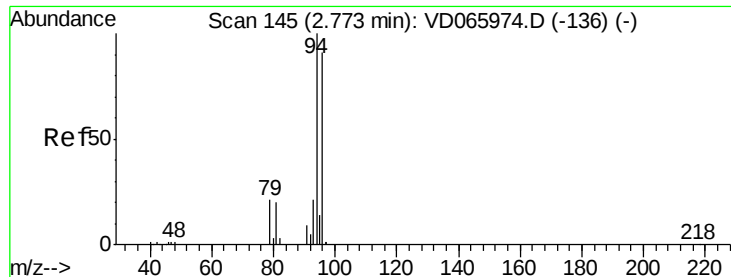
64 34.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 46.842 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

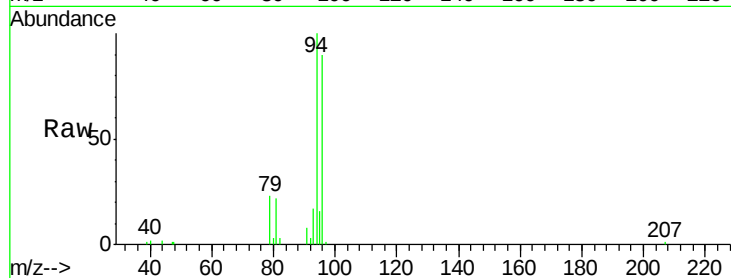
ClientSampled :

Tot Ion: 94 Resp: 50871

Ion Ratio Lower Upper

94 100

96 89.9 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

25000

20000

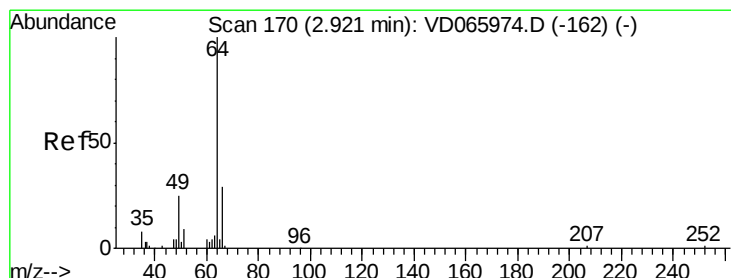
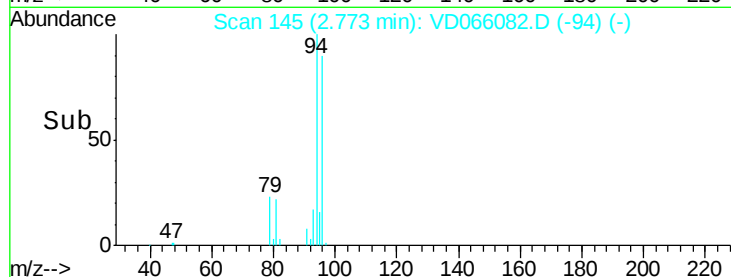
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 49.721 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066082.D

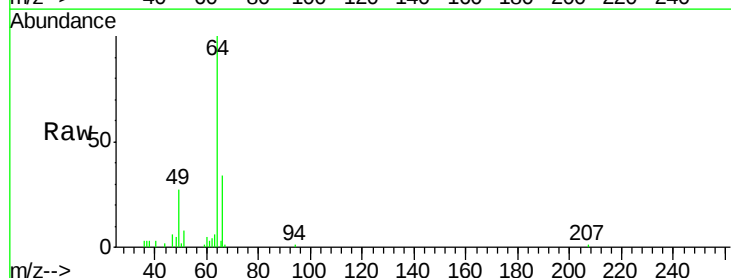
Acq: 29 Jul 2020 09:50

Tgt Ion: 64 Resp: 45526

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

2.93

25000

20000

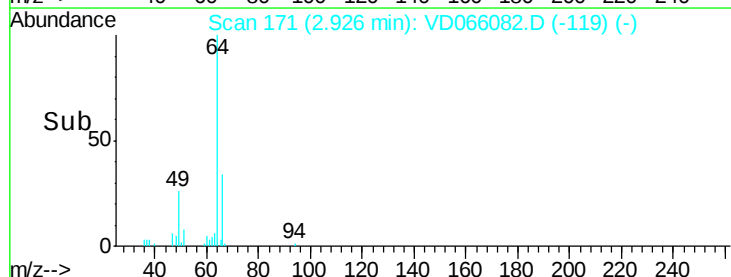
15000

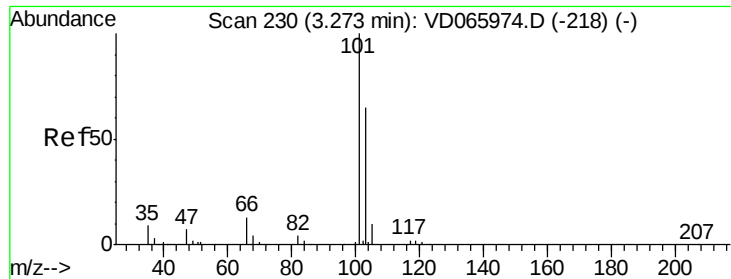
10000

5000

0

Time-->



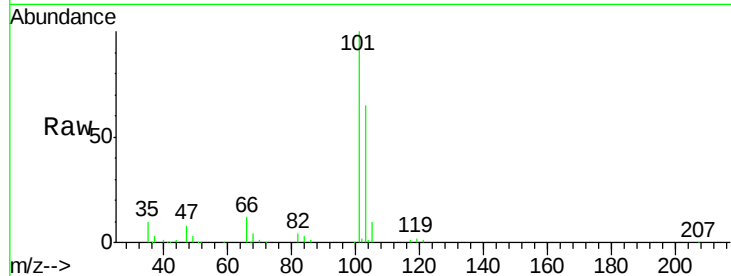


#7

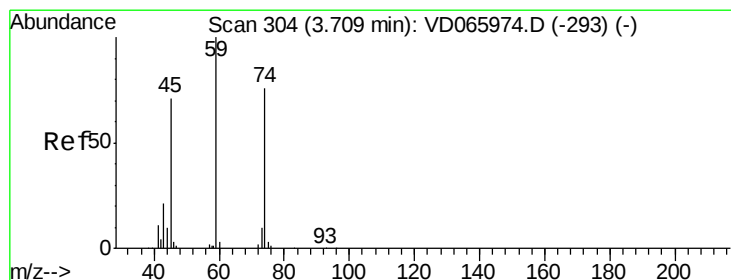
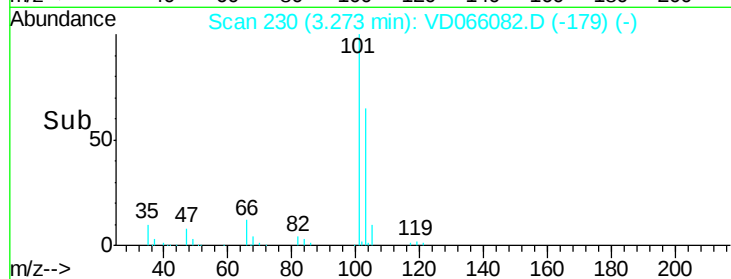
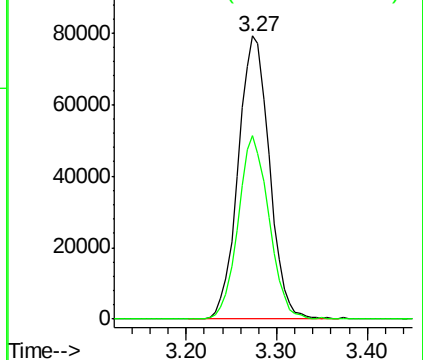
Trichlorofluoromethane
Concen: 50.872 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:101 Resp: 189798
Ion Ratio Lower Upper
101 100
103 64.8 52.1 78.1



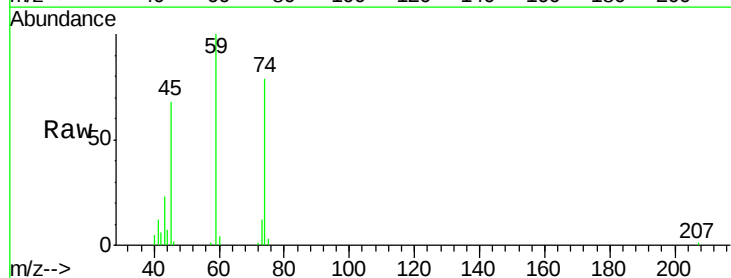
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



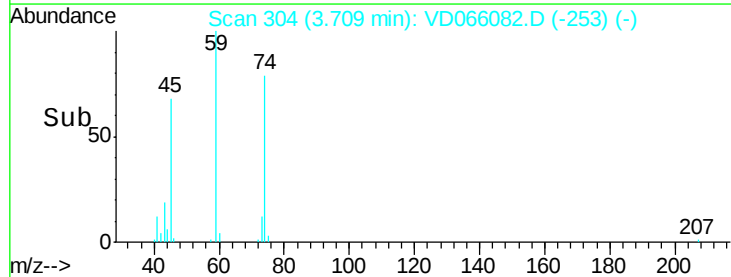
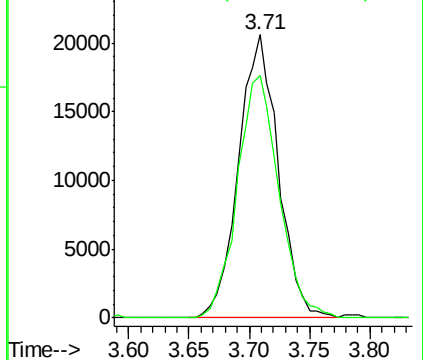
#8

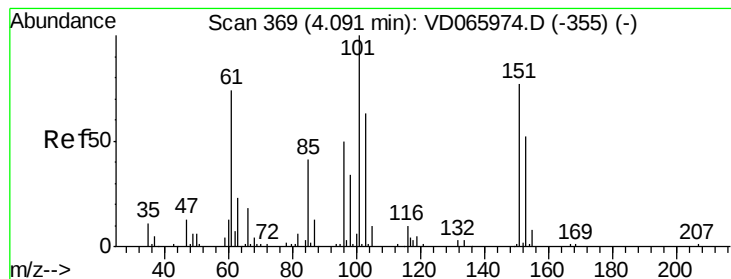
Diethyl Ether
Concen: 45.576 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion: 74 Resp: 47000
Ion Ratio Lower Upper
74 100
45 89.6 49.9 149.6



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.437 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

ClientSampleId :

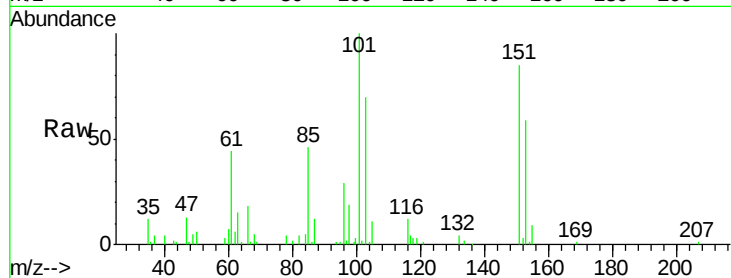
Tot Ion:101 Resp: 109116

Ion Ratio Lower Upper

101 100

85 42.5 33.6 50.4

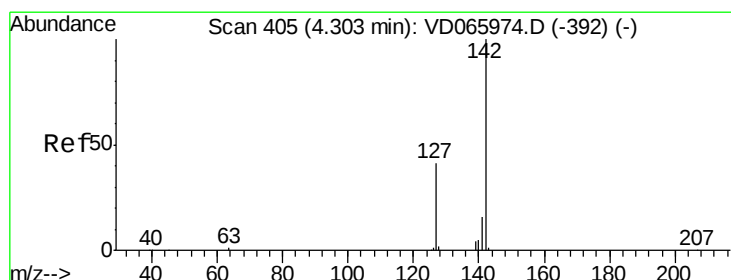
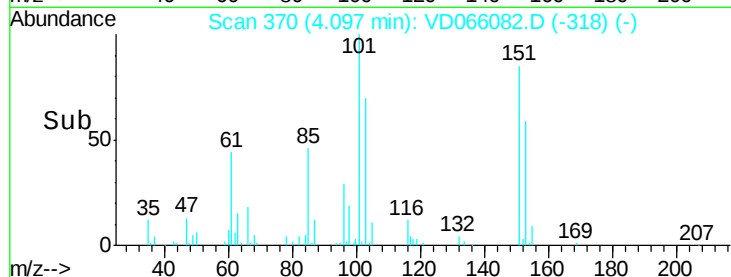
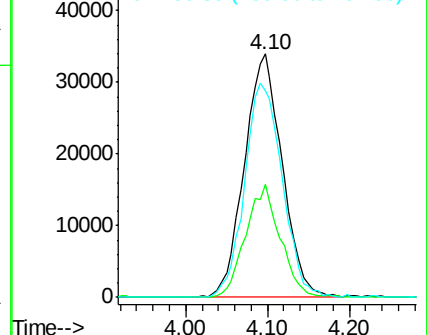
151 87.7 66.6 99.8



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: 52.084 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

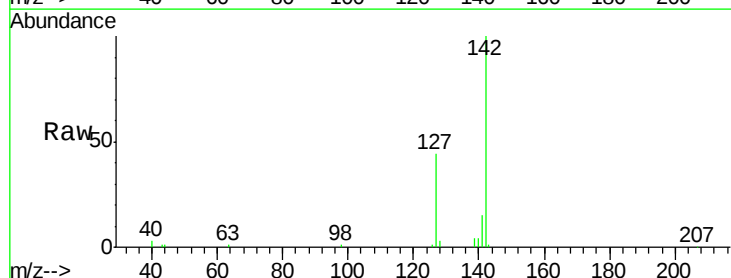
Tgt Ion:142 Resp: 119537

Ion Ratio Lower Upper

142 100

127 44.0 32.9 49.3

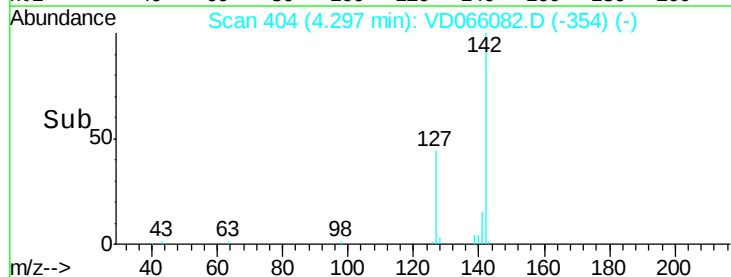
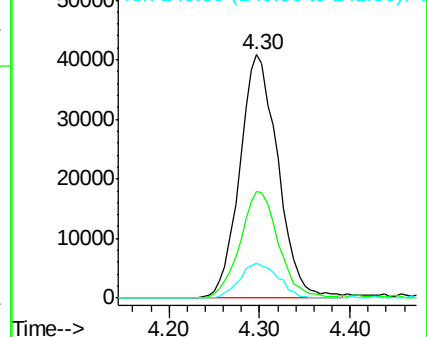
141 14.5 11.8 17.6

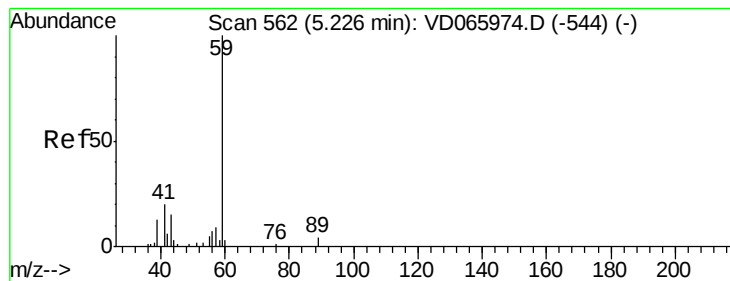


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



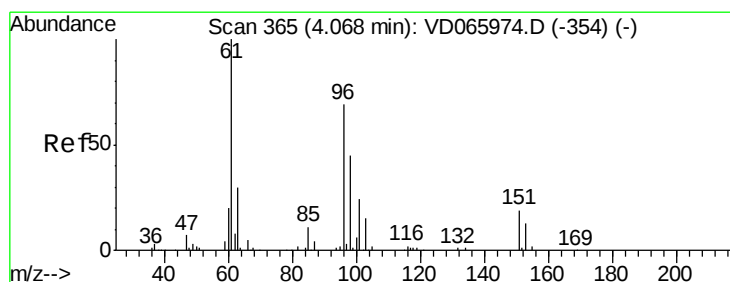
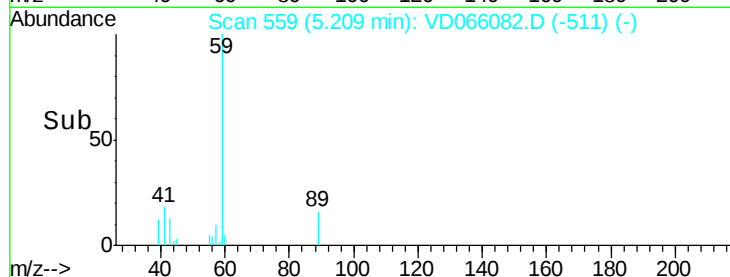
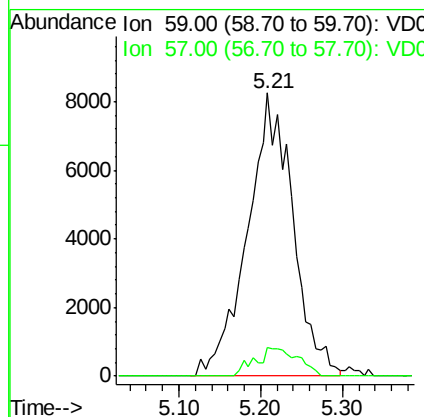
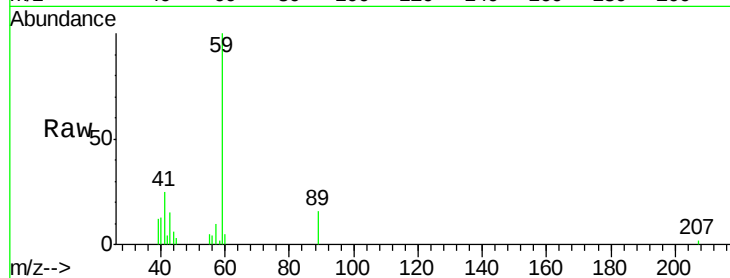


#11

Tert butyl alcohol
 Concen: 237.037 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

Instrument :
 MSVOA_D
 ClientSampleId :

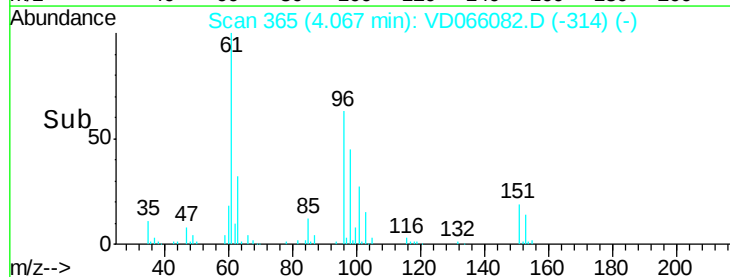
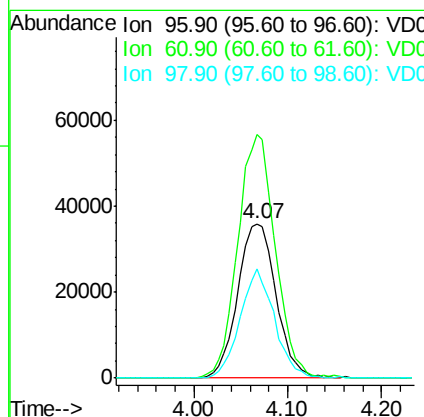
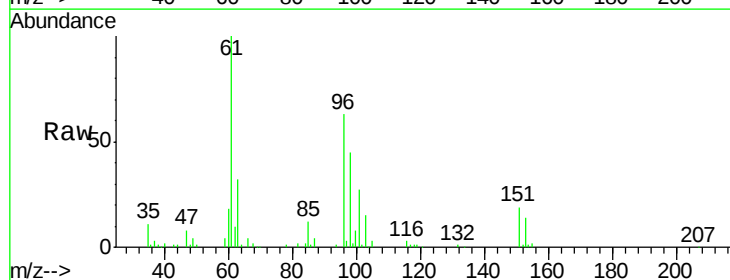
Tot Ion: 59 Resp: 31746
 Ion Ratio Lower Upper
 59 100
 57 9.4 4.5 6.7#

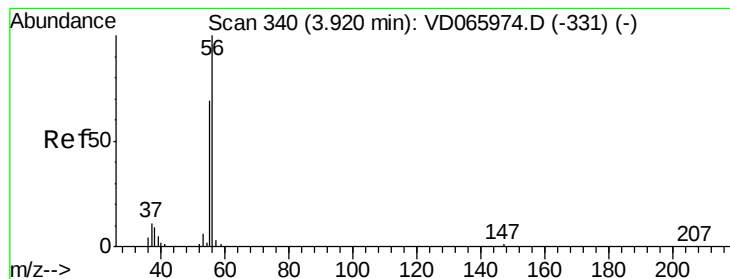


#12

1,1-Dichloroethene
 Concen: 47.454 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

Tgt Ion: 96 Resp: 102041
 Ion Ratio Lower Upper
 96 100
 61 157.5 115.4 173.0
 98 70.3 51.5 77.3





#13

Acrolein

Concen: 208.137 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

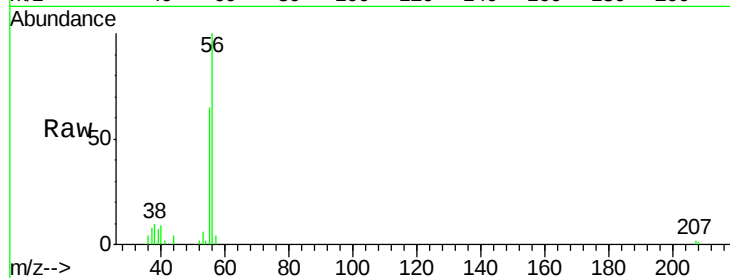
ClientSampled :

Tot Ion: 56 Resp: 37110

Ion Ratio Lower Upper

56 100

55 67.2 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

15000

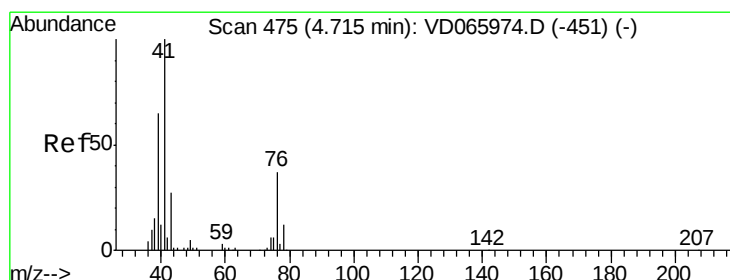
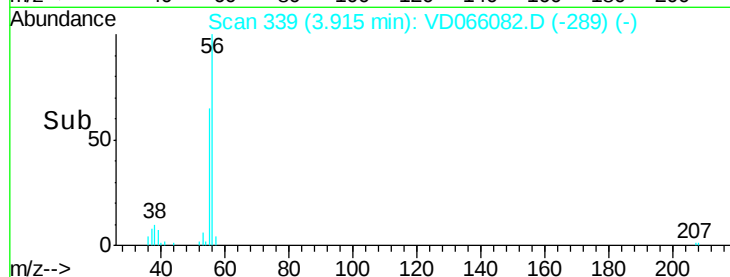
10000

5000

0

3.80 3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 43.349 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

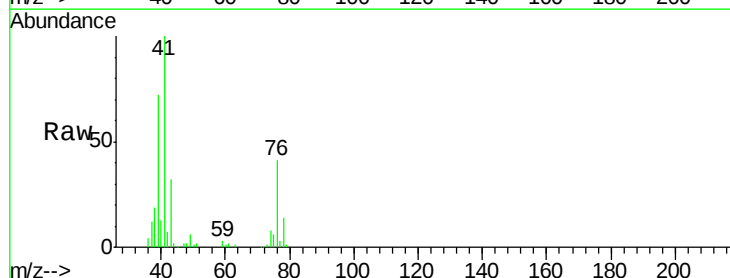
Tgt Ion: 41 Resp: 145713

Ion Ratio Lower Upper

41 100

39 76.3 53.4 80.2

76 40.8 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

60000

50000

40000

30000

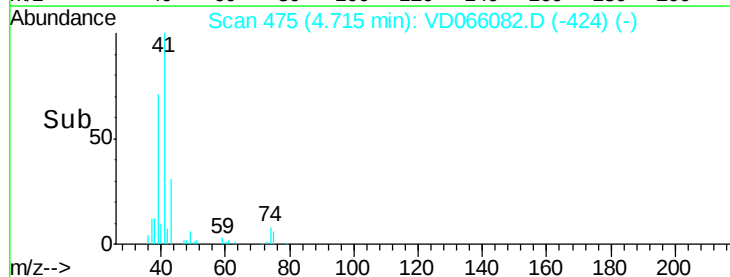
20000

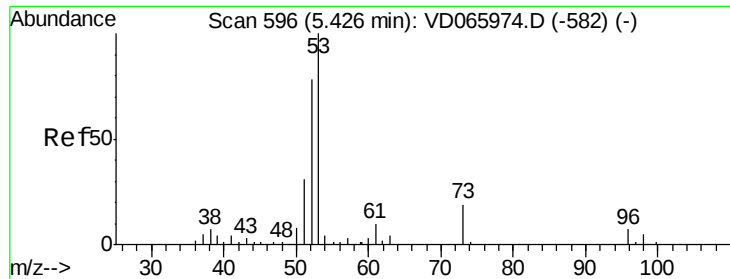
10000

0

4.50 4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 231.434 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

ClientSampleId :

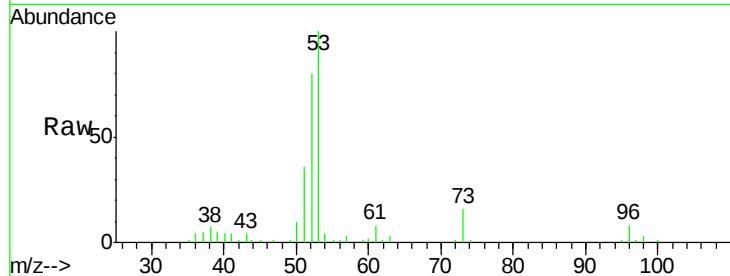
Tot Ion: 53 Resp: 101963

Ion Ratio Lower Upper

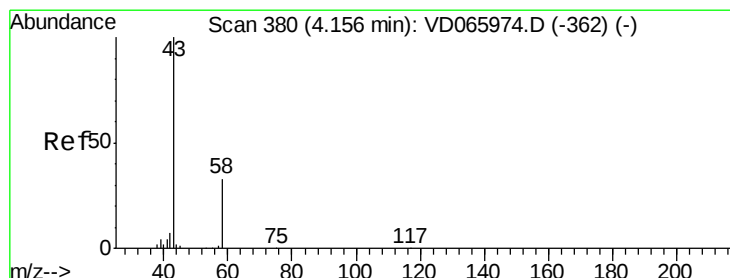
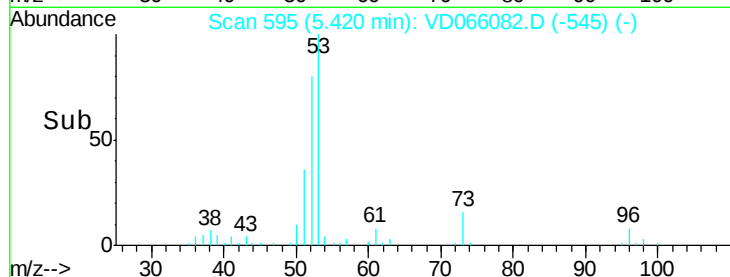
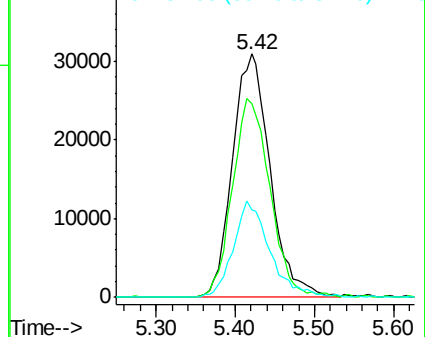
53 100

52 81.4 67.1 100.7

51 38.0 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 297.584 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066082.D

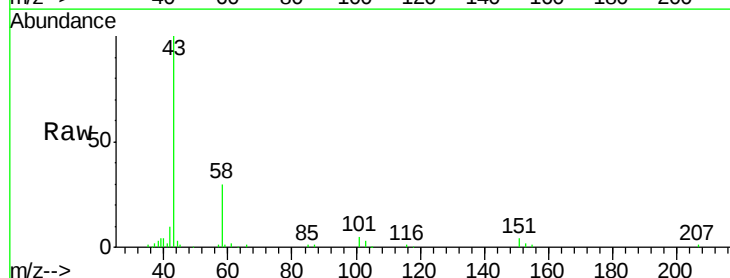
Acq: 29 Jul 2020 09:50

Tgt Ion: 43 Resp: 127471

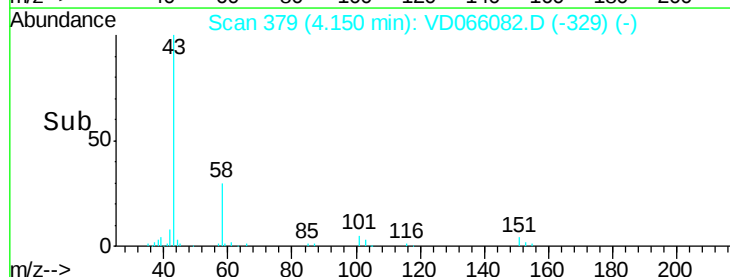
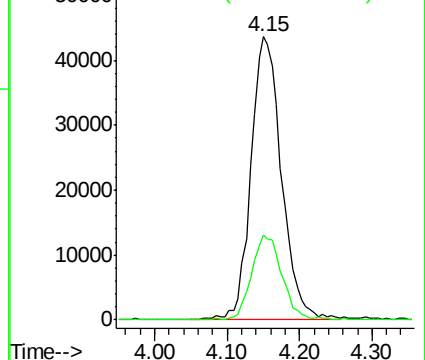
Ion Ratio Lower Upper

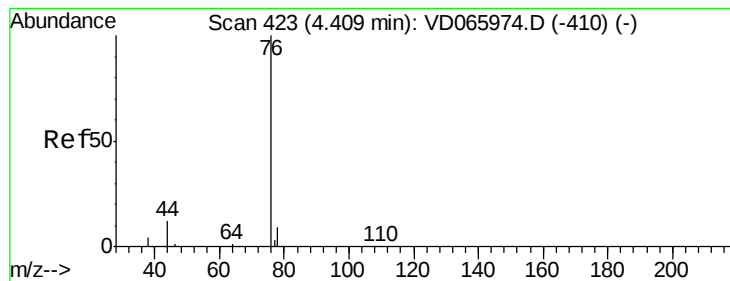
43 100

58 29.8 26.3 39.5



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





#17

Carbon Disulfide

Concen: 40.990 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

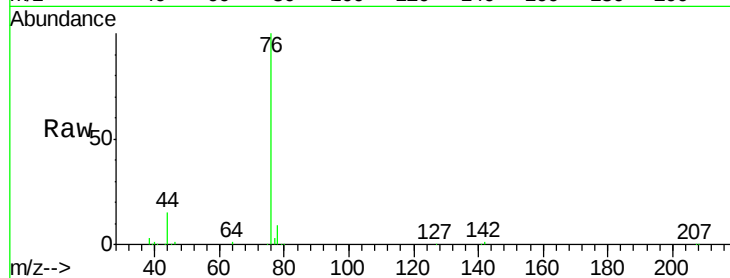
ClientSampleId :

Tot Ion: 76 Resp: 285911

Ion Ratio Lower Upper

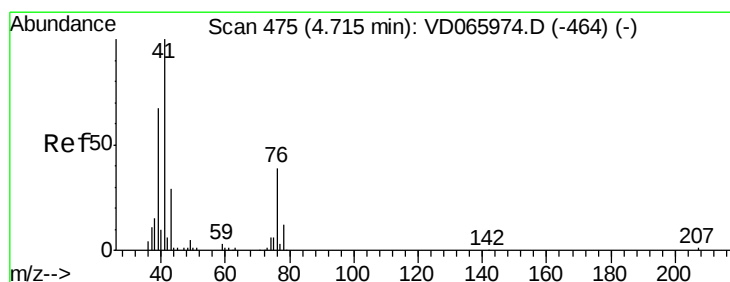
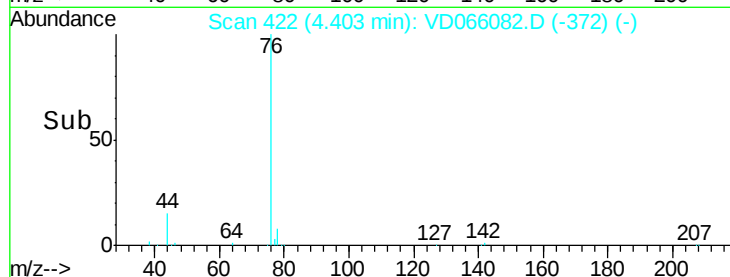
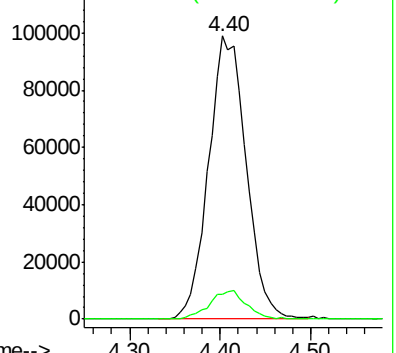
76 100

78 8.9 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: 45.486 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066082.D

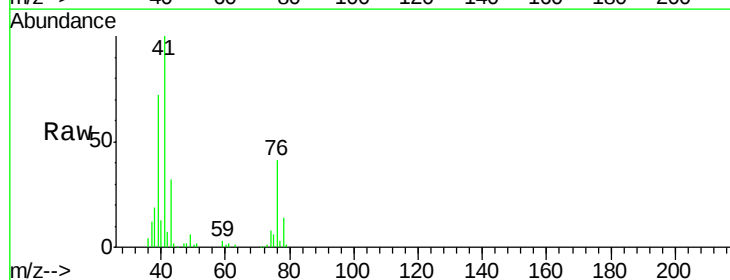
Acq: 29 Jul 2020 09:50

Tgt Ion: 43 Resp: 45326

Ion Ratio Lower Upper

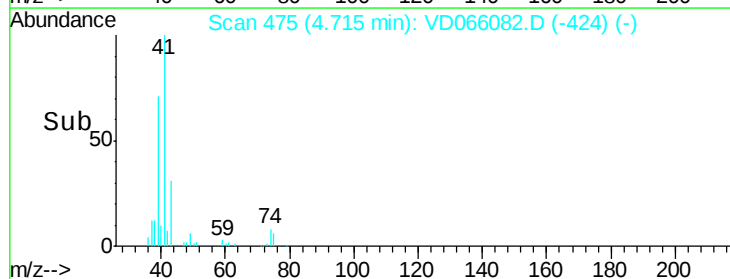
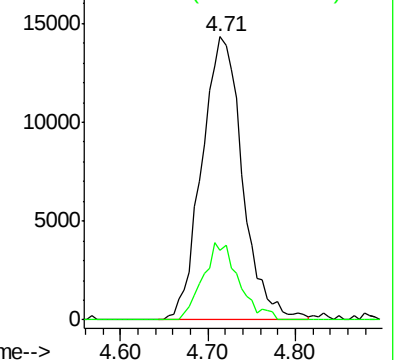
43 100

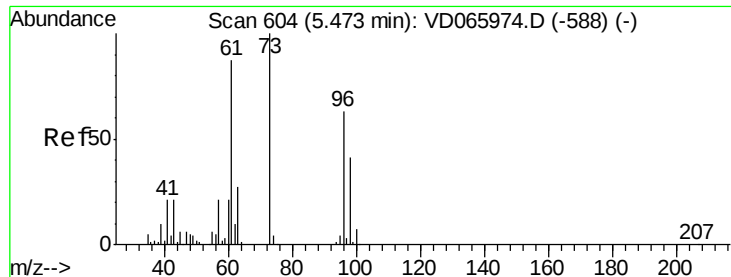
74 23.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

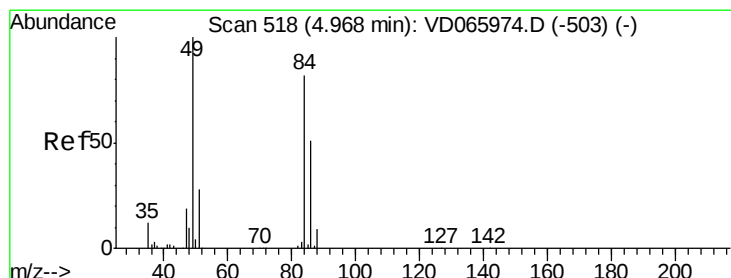
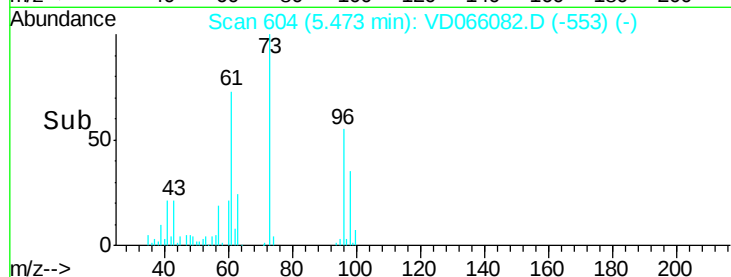
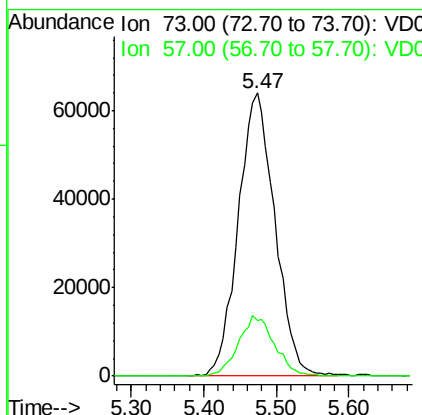
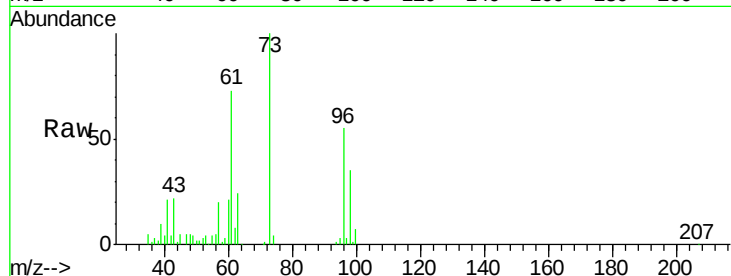




#19
Methvl tert-butvl Ether
Concen: 50.822 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

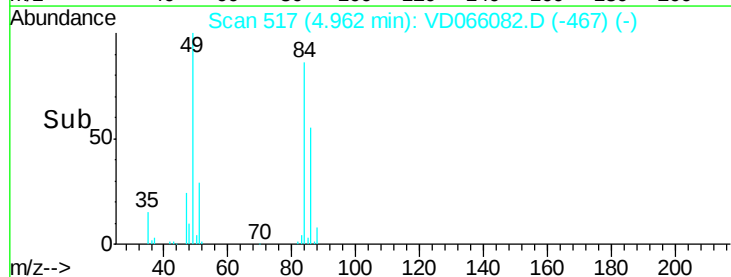
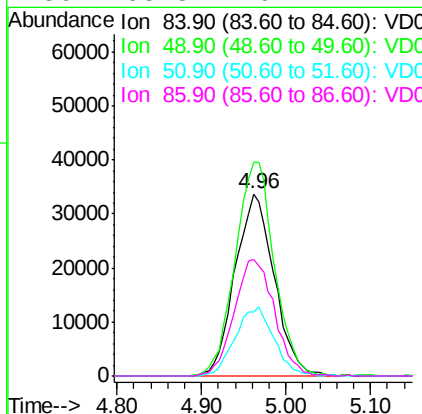
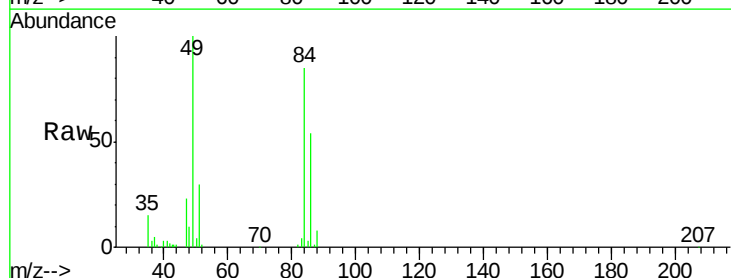
Instrument :
MSVOA_D
ClientSampled :

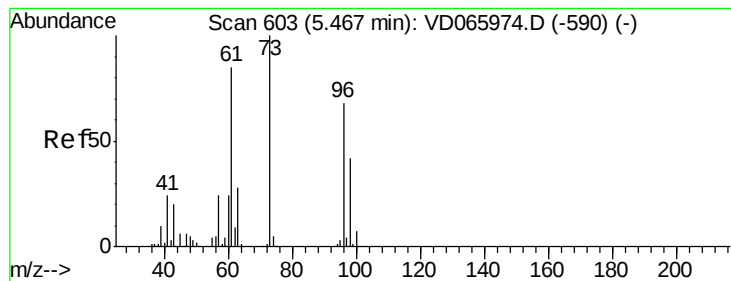
Tot Ion: 73 Resp: 224540
Ion Ratio Lower Upper
73 100
57 19.7 17.0 25.4



#20
Methylene Chloride
Concen: 45.347 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion: 84 Resp: 108059
Ion Ratio Lower Upper
84 100
49 117.5 97.7 146.5
51 35.0 27.4 41.2
86 63.8 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 46.573 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

ClientSampled :

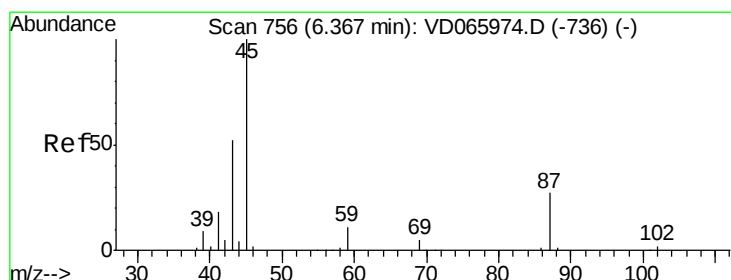
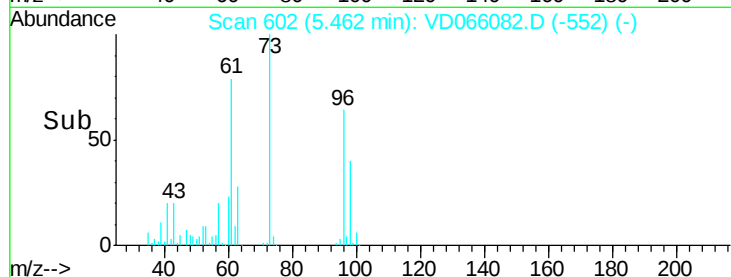
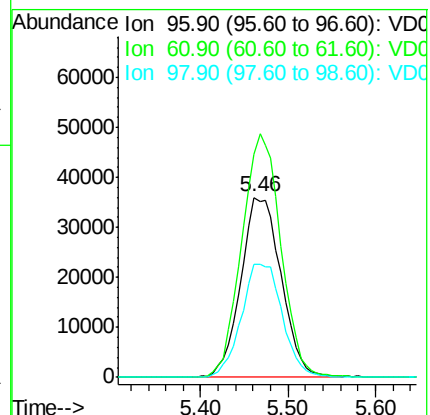
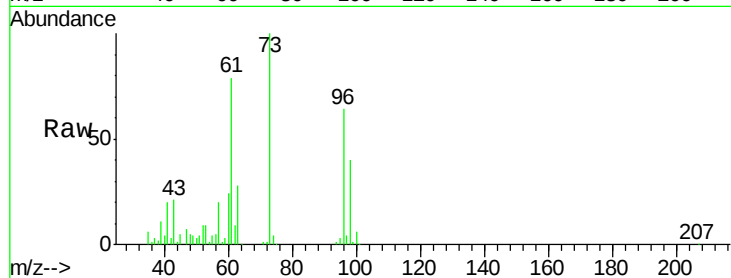
Tot Ion: 96 Resp: 113187

Ion Ratio Lower Upper

96 100

61 124.2 100.5 150.7

98 62.9 49.7 74.5



#22

Diisopropyl ether

Concen: 45.936 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Tgt Ion: 45 Resp: 293346

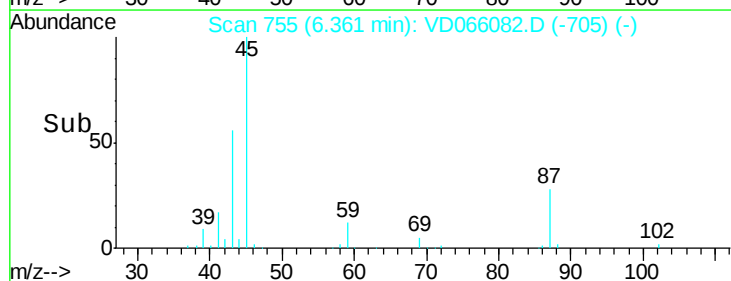
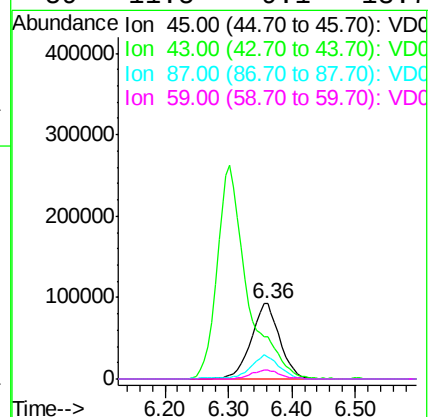
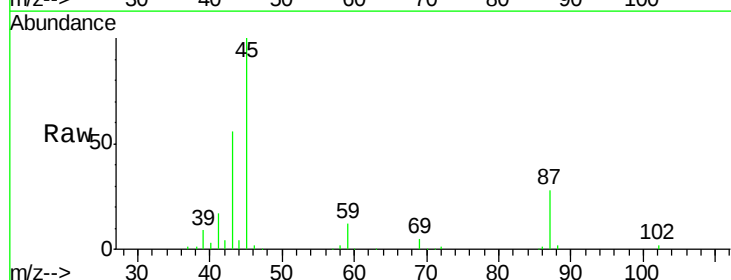
Ion Ratio Lower Upper

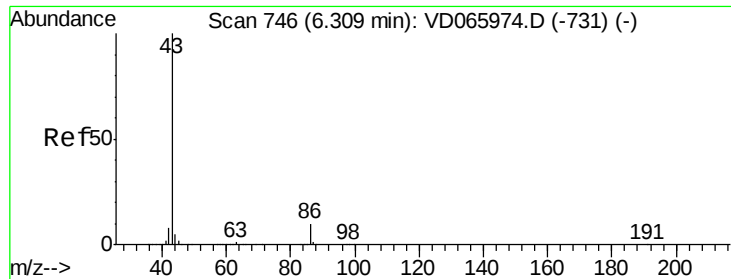
45 100

43 55.0 43.0 64.4

87 28.3 22.0 33.0

59 11.5 9.1 13.7





#23

Vinyl Acetate

Concen: 240.661 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

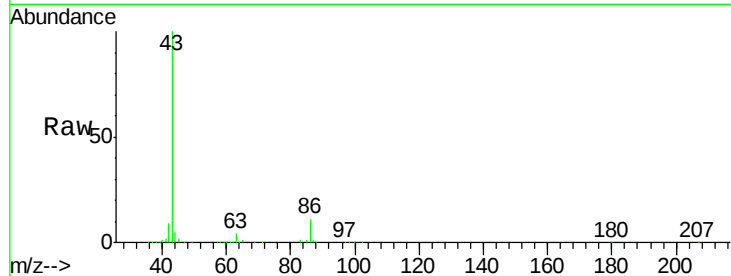
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 866743

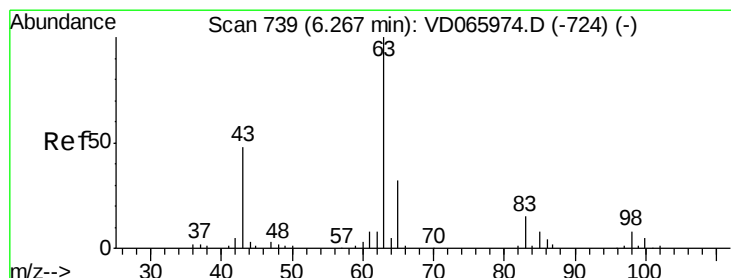
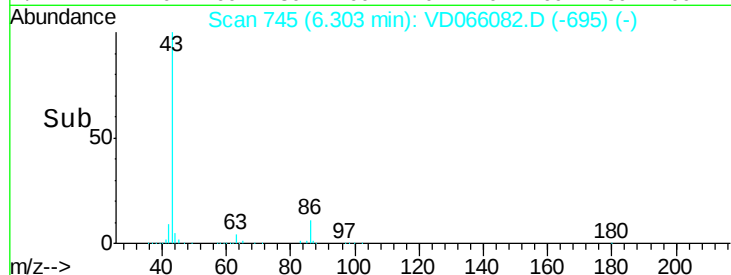
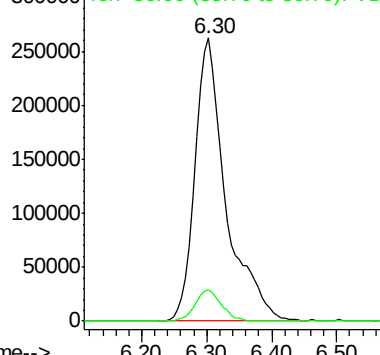
Ion Ratio Lower Upper

43 100

86 11.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 47.389 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

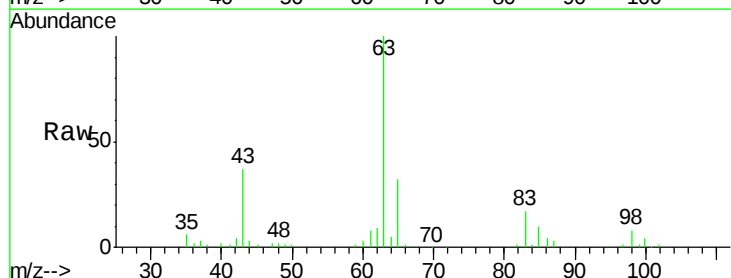
Tgt Ion: 63 Resp: 183363

Ion Ratio Lower Upper

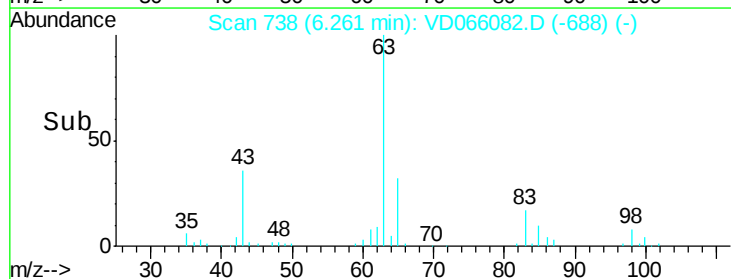
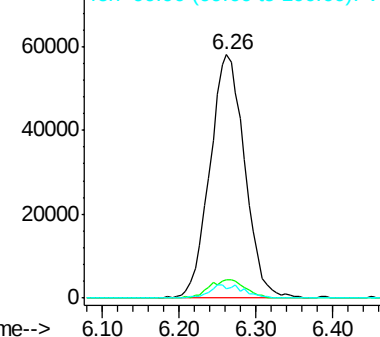
63 100

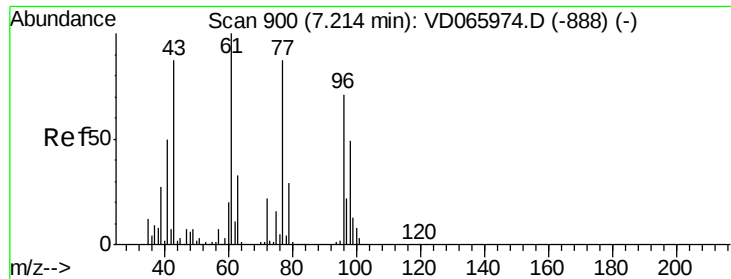
98 7.6 4.3 12.8

100 3.8 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 97.90 (97.60 to 98.60): VDC
Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 243.558 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

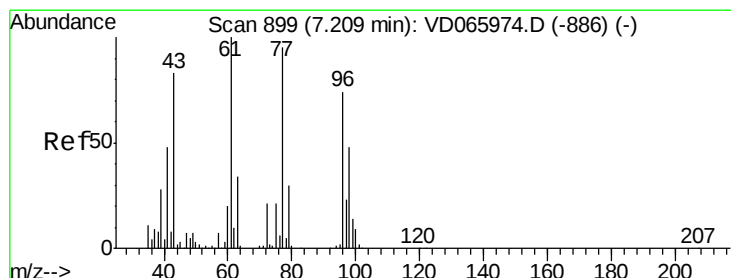
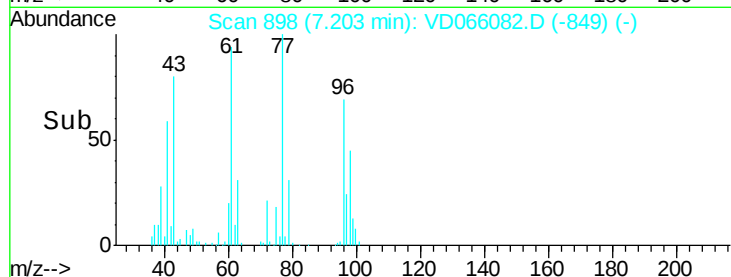
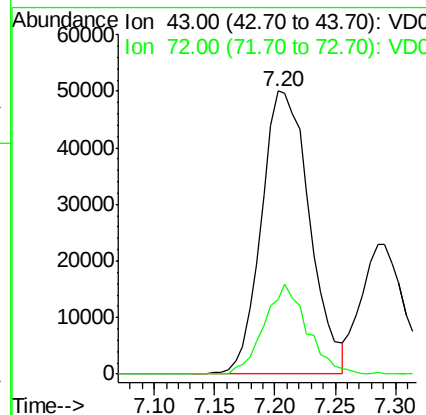
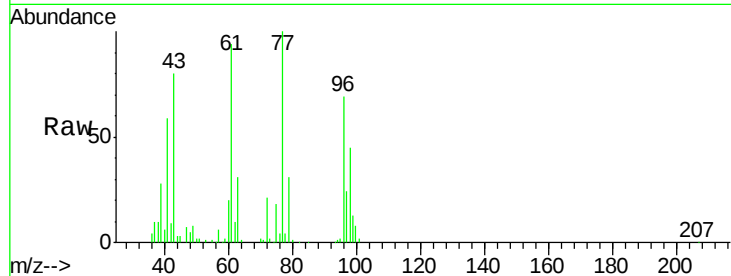
ClientSampleId :

Tot Ion: 43 Resp: 138436

Ion Ratio Lower Upper

43 100

72 26.2 20.2 30.2



#26

2,2-Dichloropropane

Concen: 52.508 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066082.D

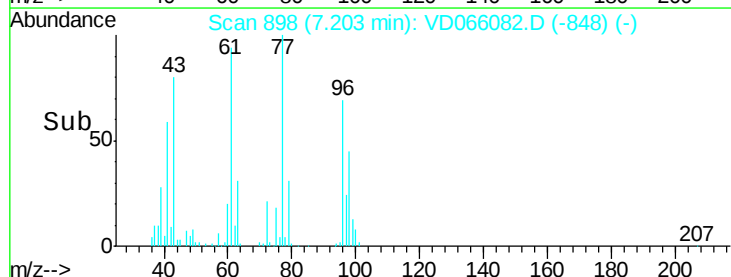
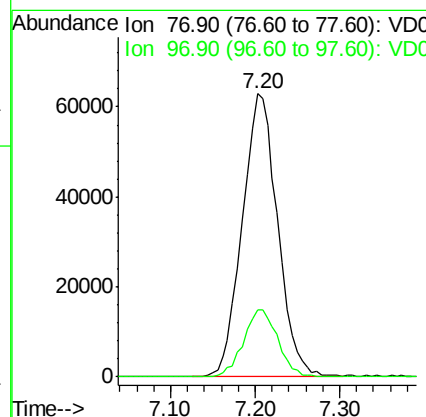
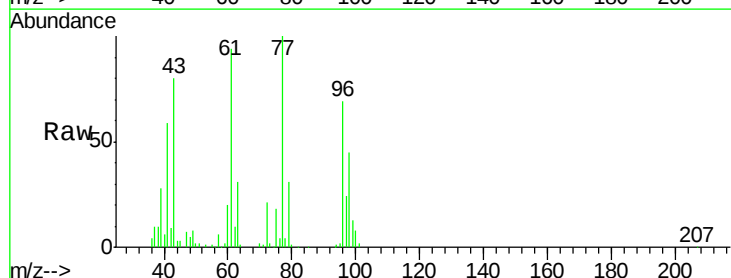
Acq: 29 Jul 2020 09:50

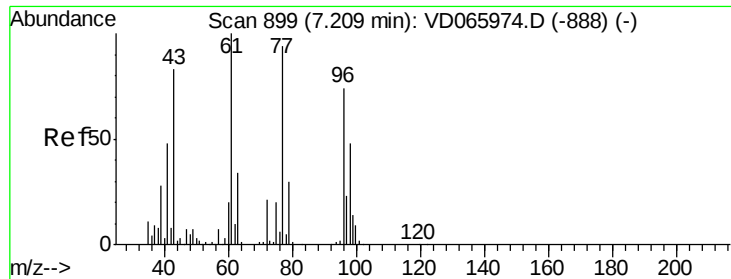
Tgt Ion: 77 Resp: 182705

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.7



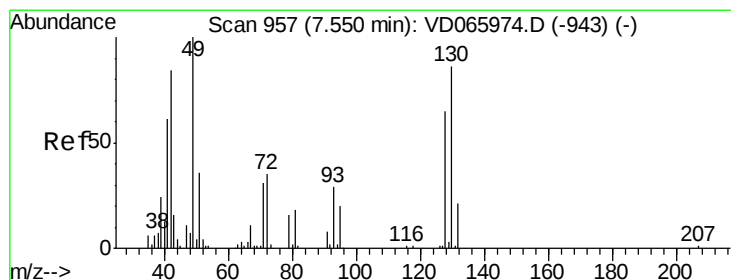
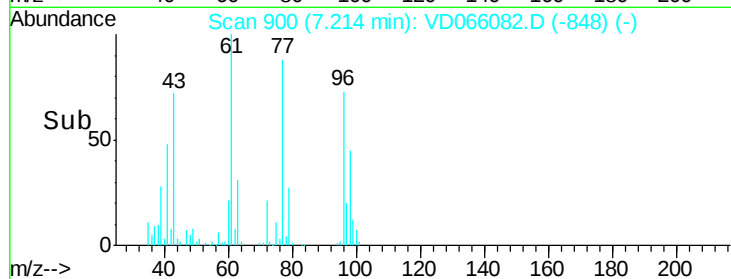
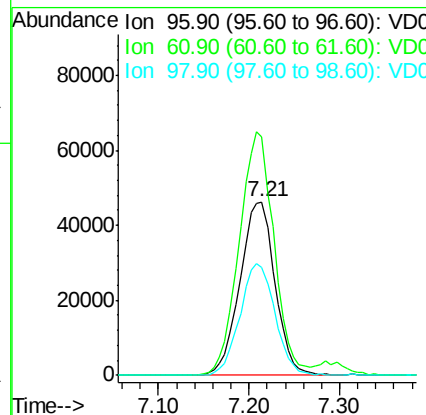
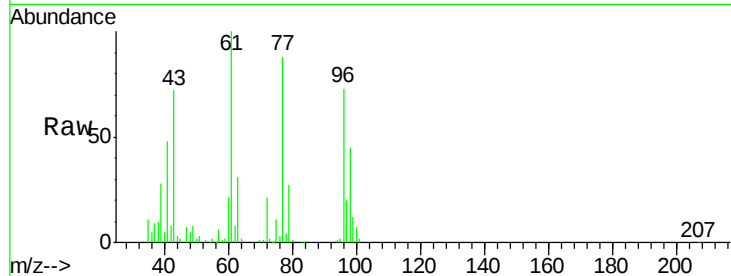


#27

cis-1,2-Dichloroethene
 Concen: 48.400 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

Instrument :
 MSVOA_D
 ClientSampleId :

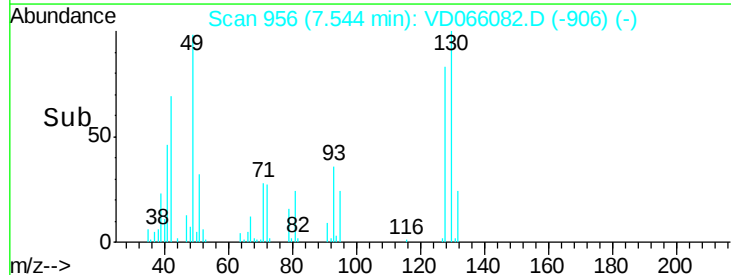
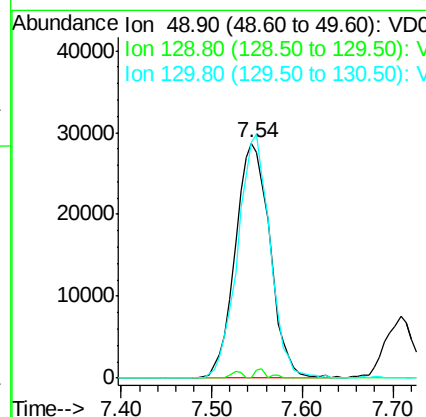
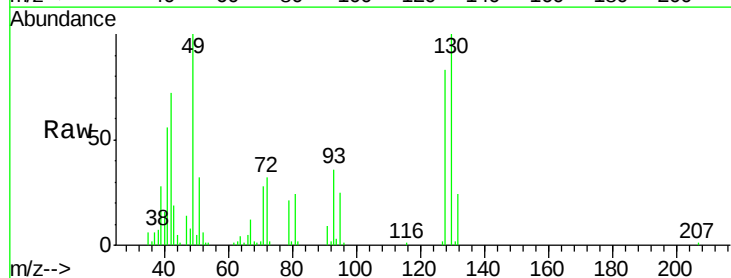
Tot Ion: 96 Resp: 124542
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 276.6
 98 64.6 0.0 130.8

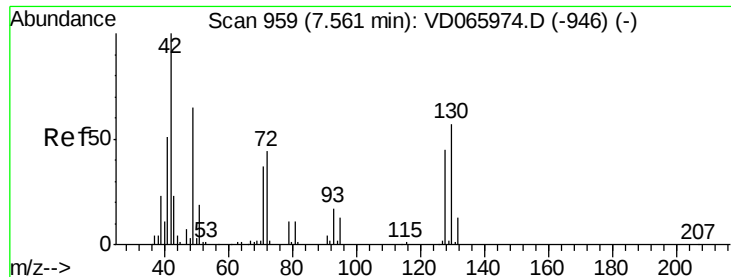


#28

Bromochloromethane
 Concen: 46.536 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

Tgt Ion: 49 Resp: 76425
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 96.6 68.4 102.6

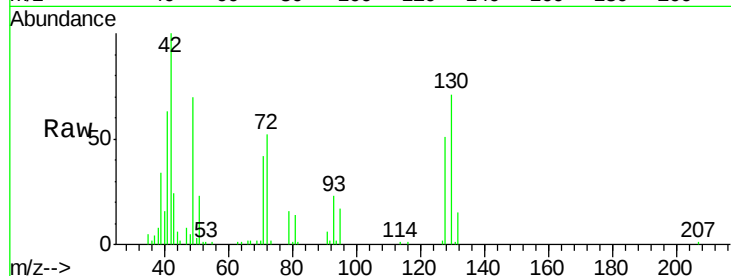




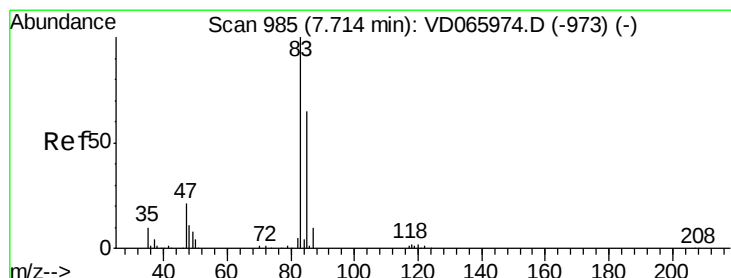
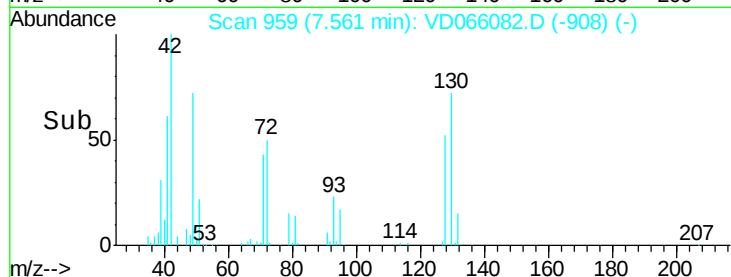
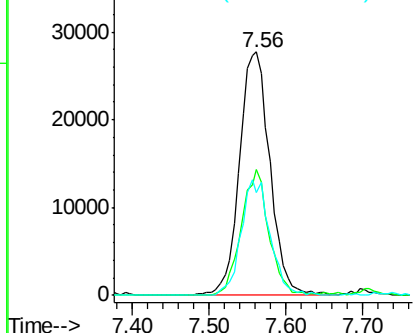
#29
Tetrahydrofuran
Concen: 219.619 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 42 Resp: 77020
Ion Ratio Lower Upper
42 100
72 46.7 34.2 51.2
71 44.8 31.4 47.2

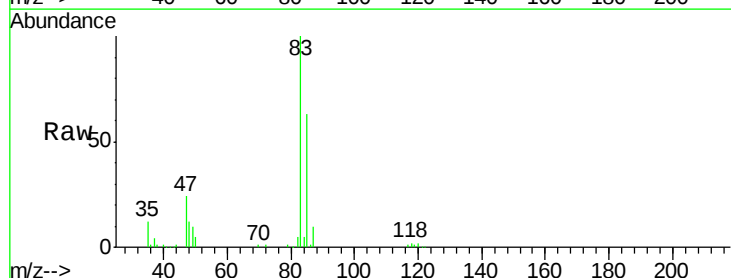


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

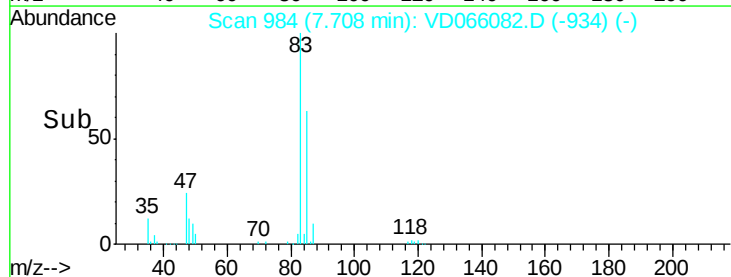
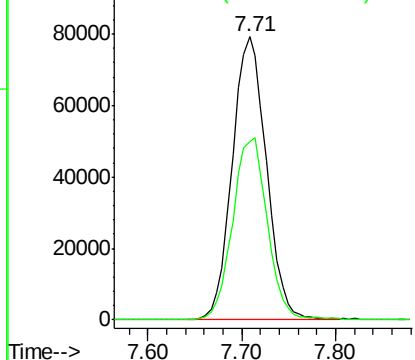


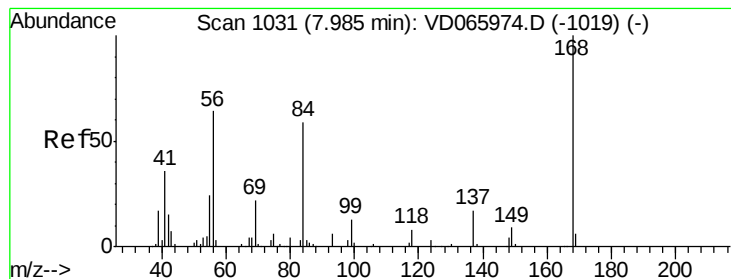
#30
Chloroform
Concen: 49.232 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion: 83 Resp: 199265
Ion Ratio Lower Upper
83 100
85 63.3 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: 42.804 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

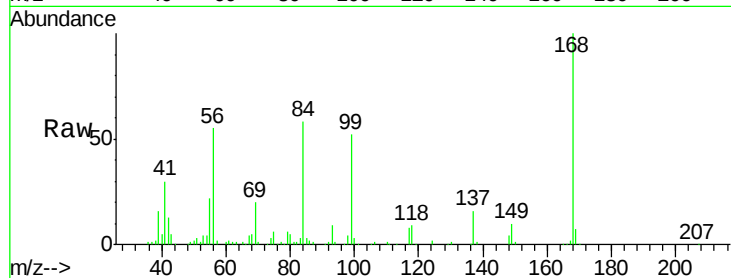
Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 162943

Ion	Ratio	Lower	Upper
56	100		
69	36.5	28.0	42.0
84	102.4	72.6	109.0

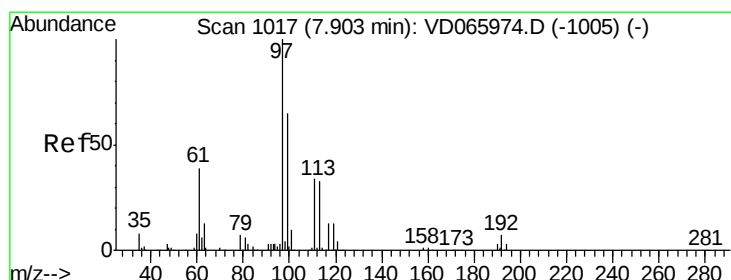
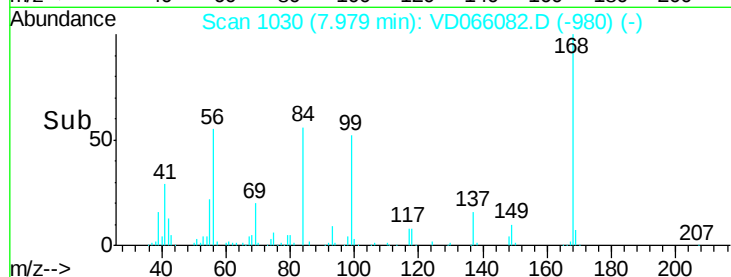
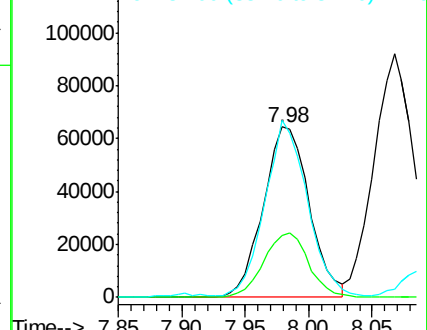


Abundance

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: 52.240 ug/l

RT: 7.90 min Scan# 1016

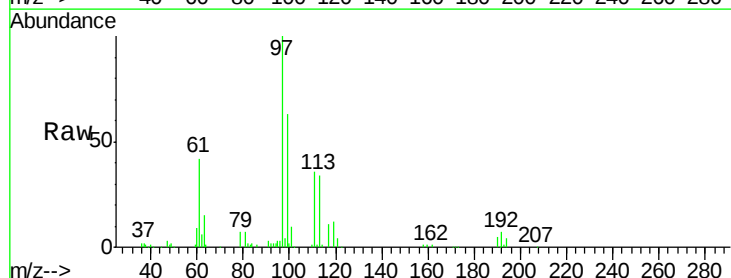
Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Tgt Ion: 97 Resp: 195580

Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.8	77.6
61	41.7	33.3	49.9

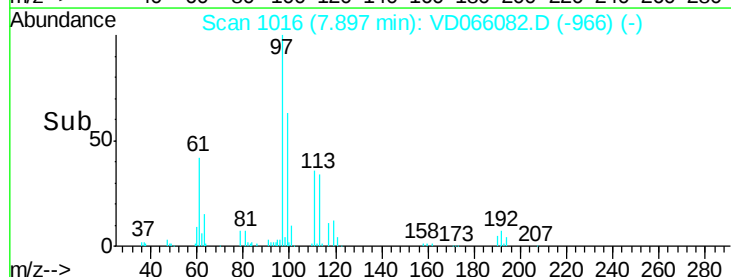
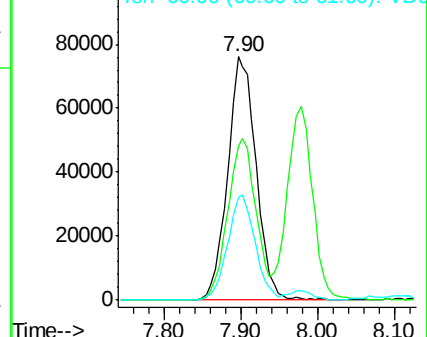


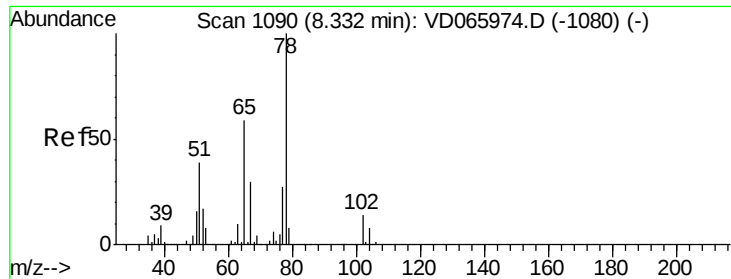
Abundance

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: 53.622 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

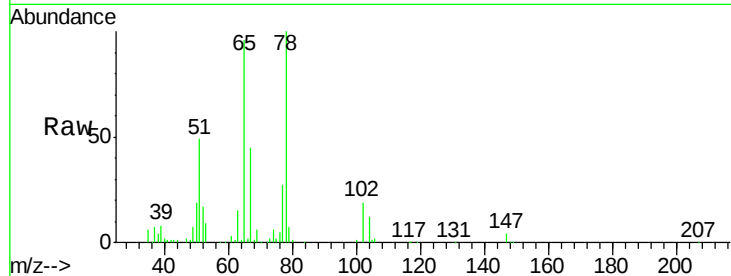
ClientSampled :

Tot Ion: 65 Resp: 113476

Ion Ratio Lower Upper

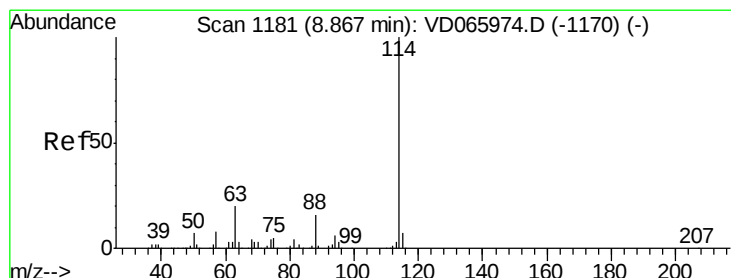
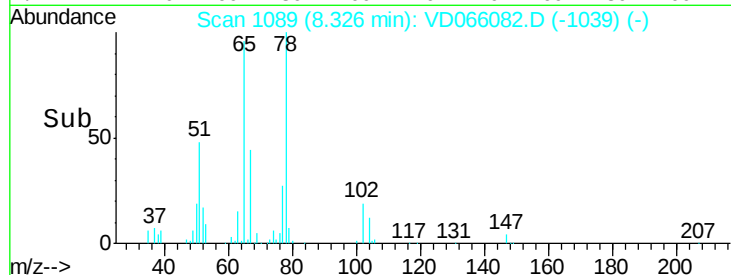
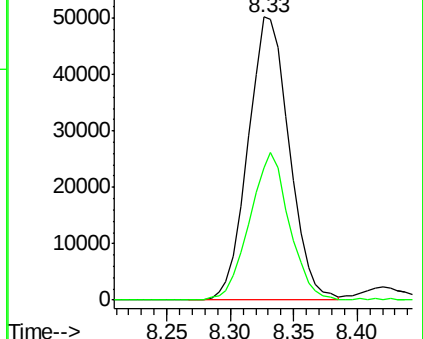
65 100

67 50.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

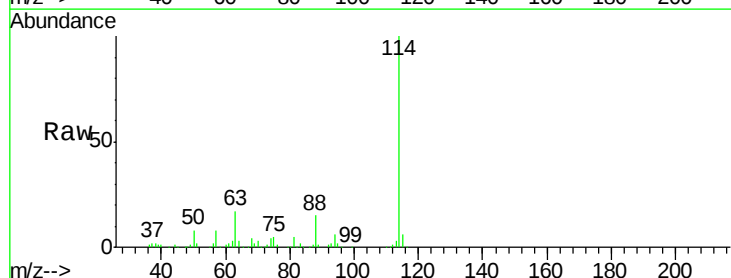
Tgt Ion: 114 Resp: 354405

Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

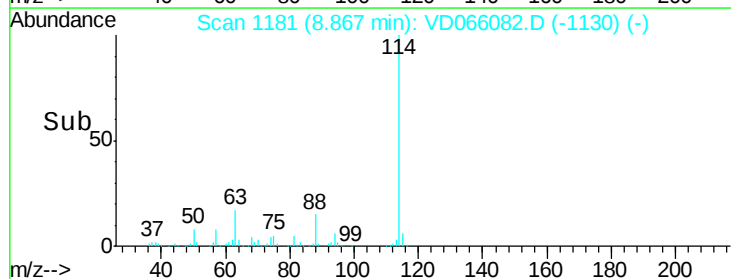
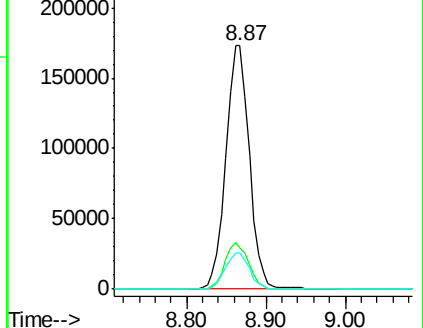
88 15.0 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

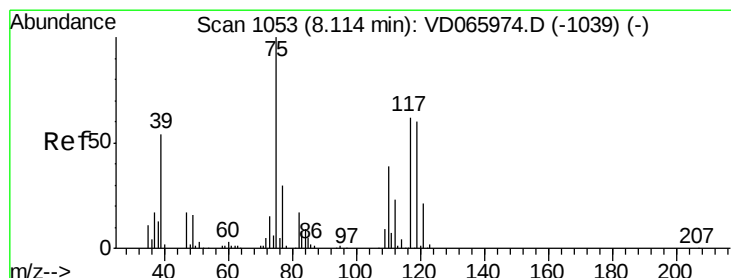
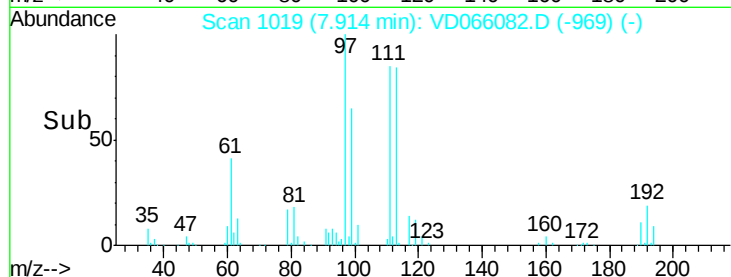
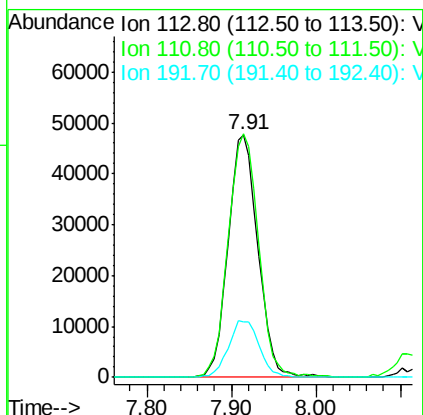
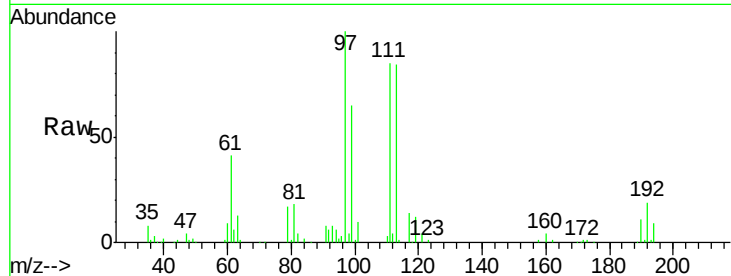




#35
 Dibromofluoromethane
 Concen: 53.753 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

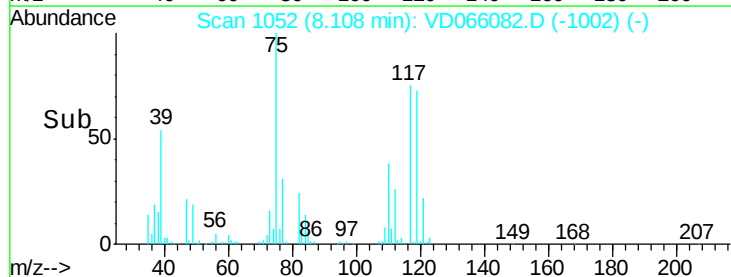
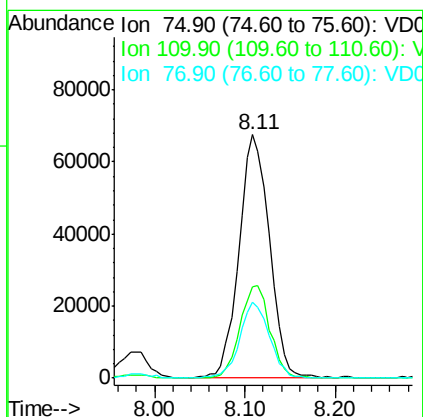
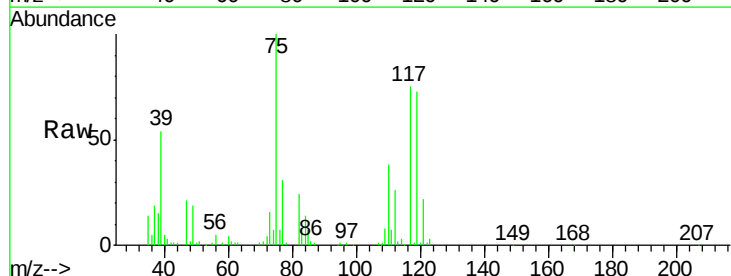
Instrument :
 MSVOA_D
 ClientSampleId :

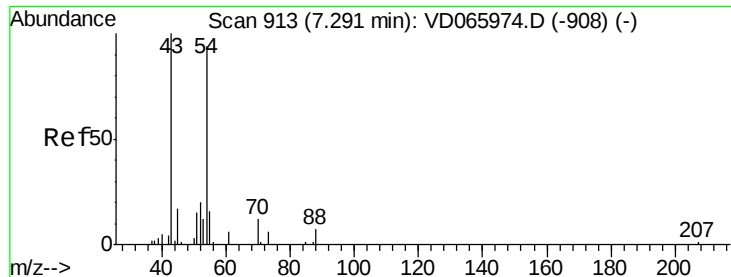
Tot Ion:113 Resp: 115547
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.2 124.8
 192 24.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 52.214 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

Tgt Ion: 75 Resp: 157931
 Ion Ratio Lower Upper
 75 100
 110 37.1 19.5 58.5
 77 30.6 24.7 37.1

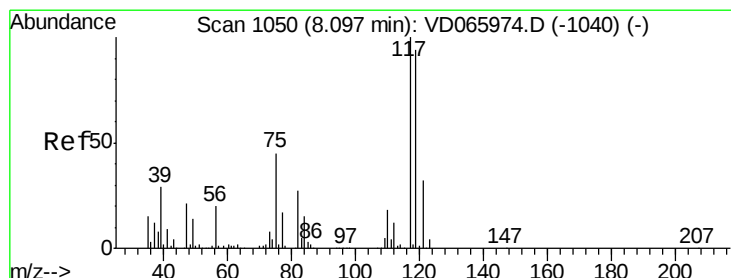
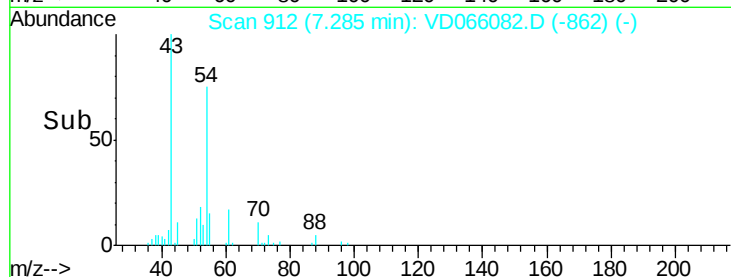
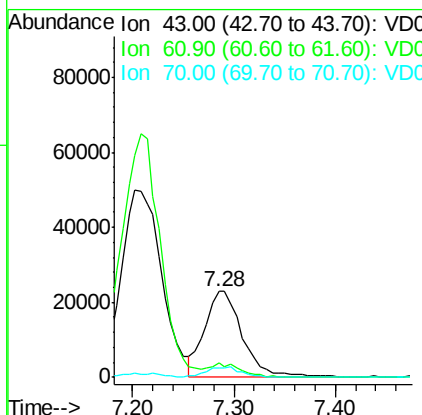
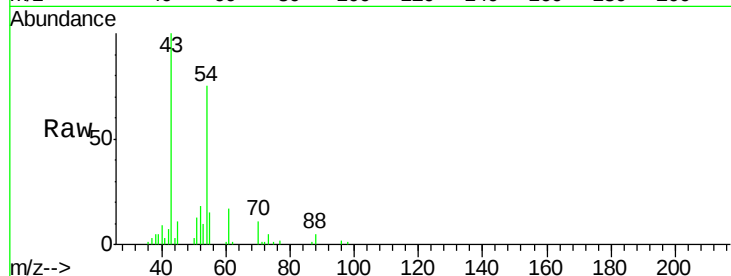




#37
Ethyl Acetate
Concen: 51.446 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

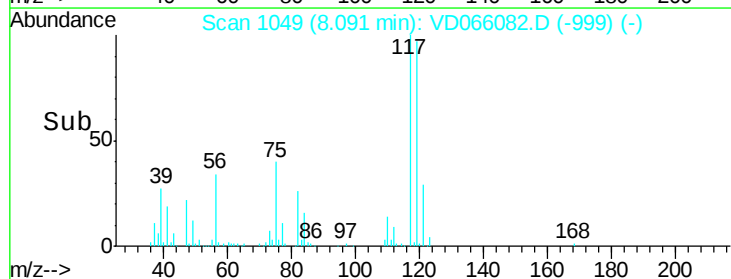
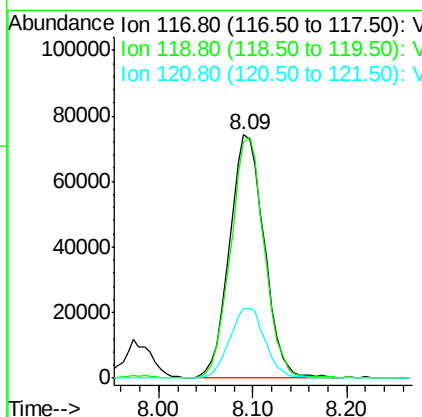
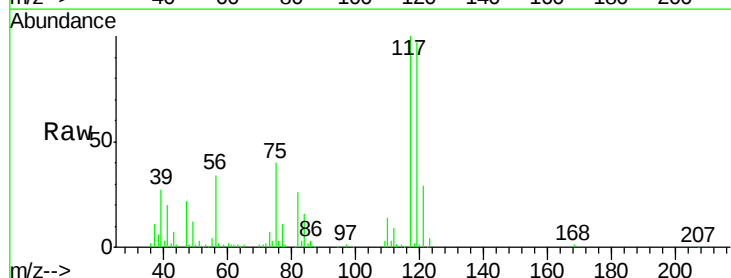
Instrument :
MSVOA_D
ClientSampled :

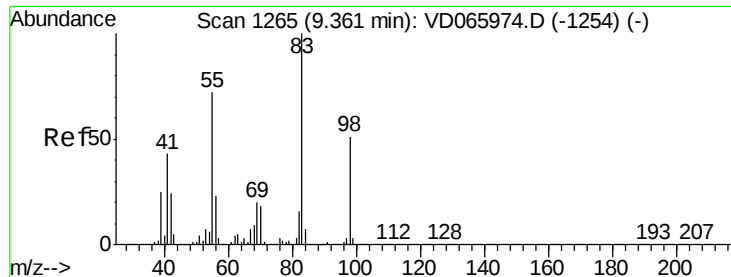
Tot Ion: 43 Resp: 59427
Ion Ratio Lower Upper
43 100
61 14.0 11.4 17.0
70 11.3 9.3 13.9



#38
Carbon Tetrachloride
Concen: 58.031 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion: 117 Resp: 190454
Ion Ratio Lower Upper
117 100
119 97.2 75.0 112.6
121 28.7 25.5 38.3

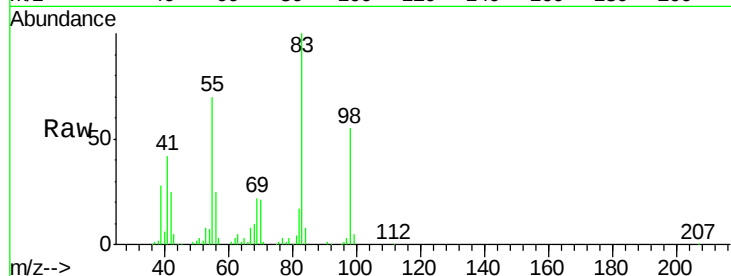




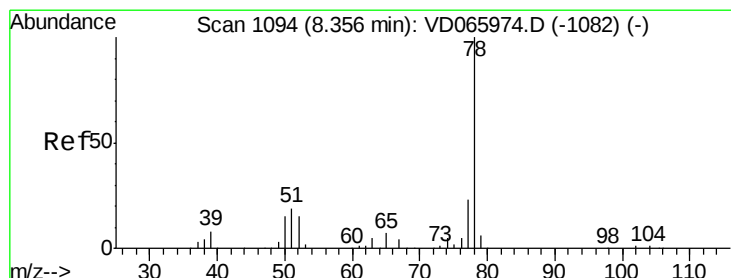
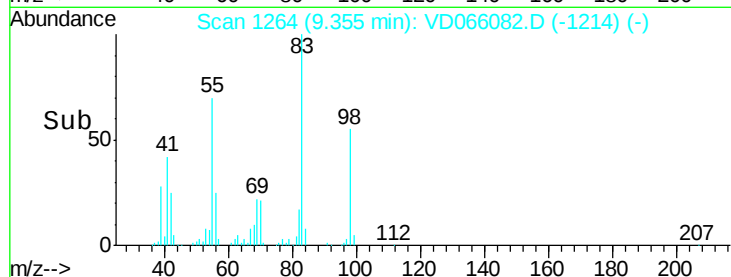
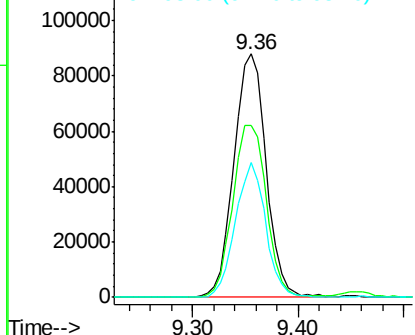
#39
Methvlcvclohexane
Concen: 50.799 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 83 Resp: 186072
Ion Ratio Lower Upper
83 100
55 70.4 57.3 85.9
98 55.4 41.0 61.6

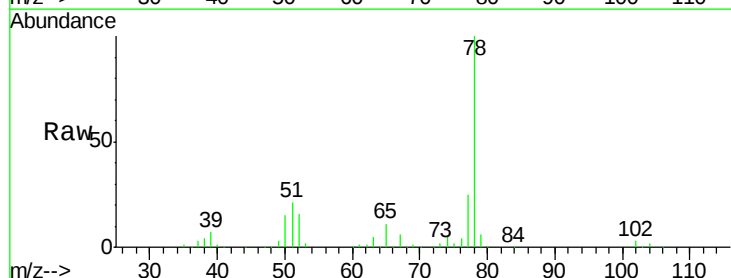


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

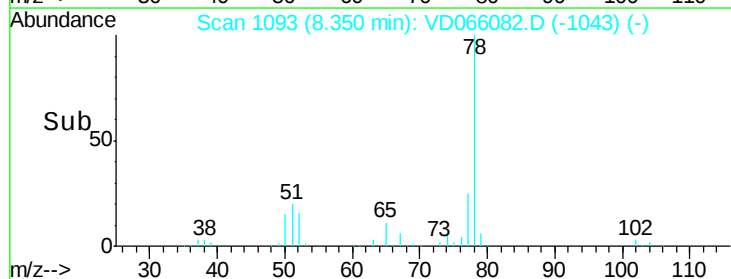
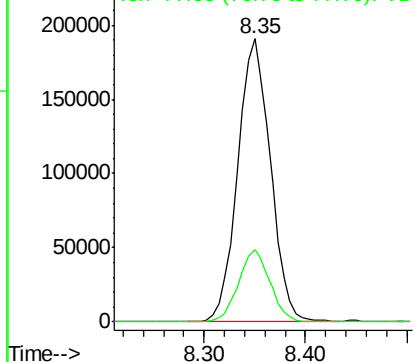


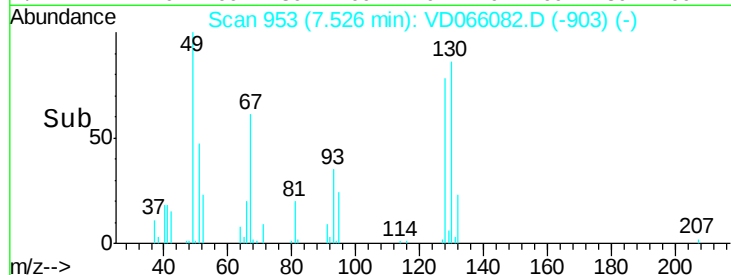
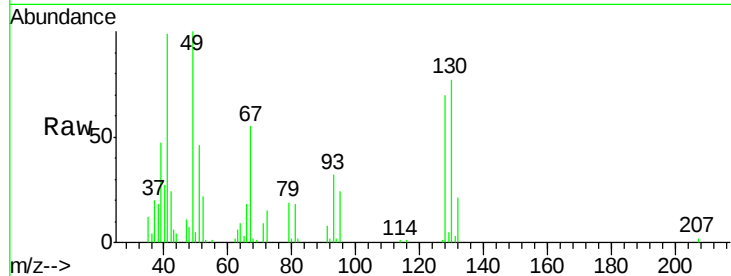
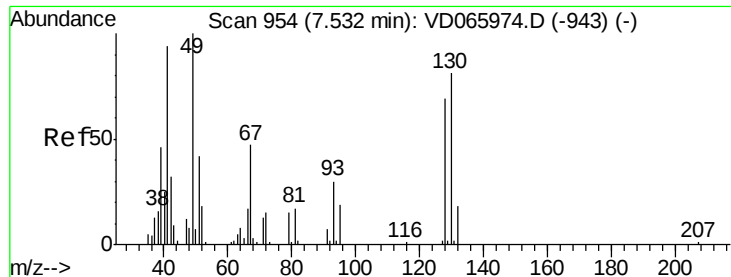
#40
Benzene
Concen: 50.718 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion: 78 Resp: 429178
Ion Ratio Lower Upper
78 100
77 25.4 18.6 27.8



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

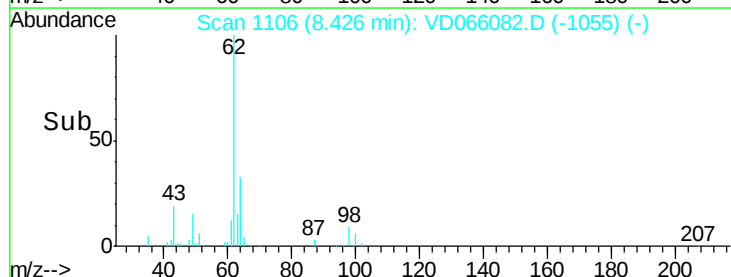
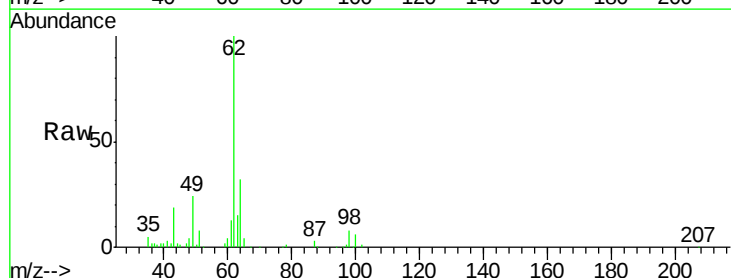
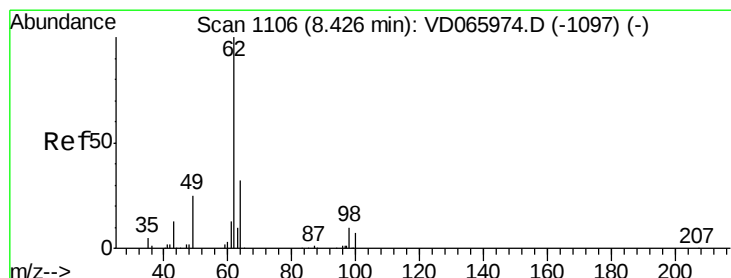
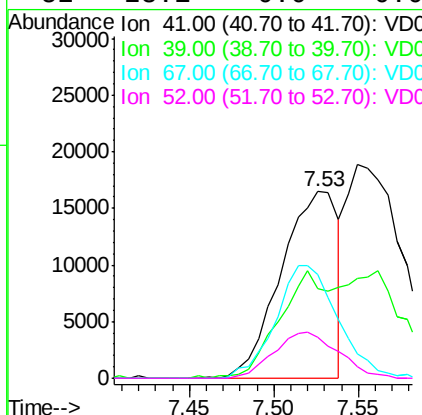




#41
Methacrylonitrile
Concen: 58.230 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

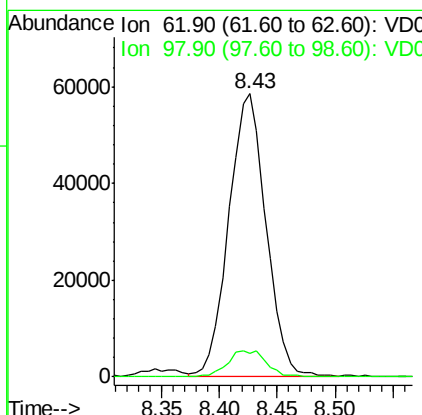
Instrument :
MSVOA_D
ClientSampleId :

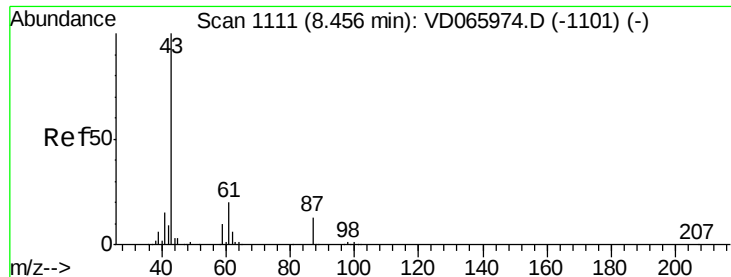
Tot Ion: 41 Resp: 38532
Ion Ratio Lower Upper
41 100
39 47.9 0.0 0.0#
67 66.0 0.0 0.0#
52 28.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 56.025 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion: 62 Resp: 129910
Ion Ratio Lower Upper
62 100
98 9.7 0.0 21.0





#43

Isopropyl Acetate

Concen: 50.020 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

ClientSampleId :

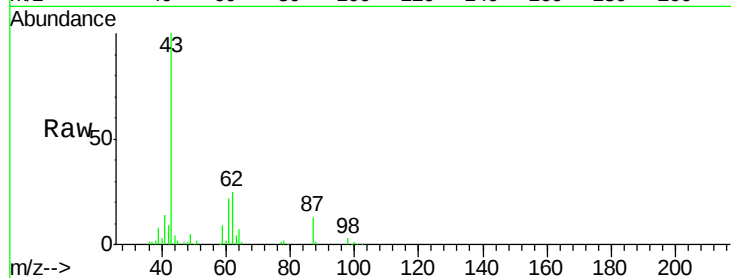
Tot Ion: 43 Resp: 112851

Ion Ratio Lower Upper

43 100

61 31.0 25.8 38.8

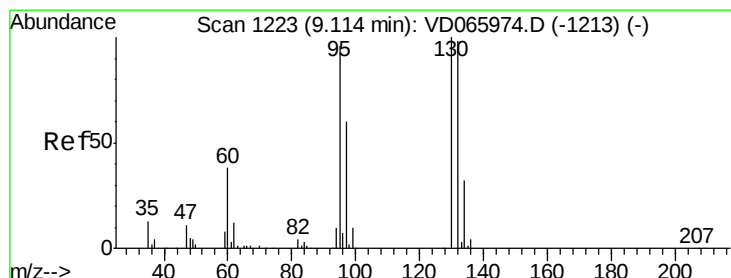
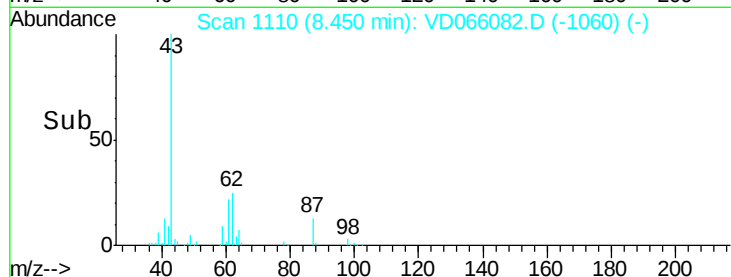
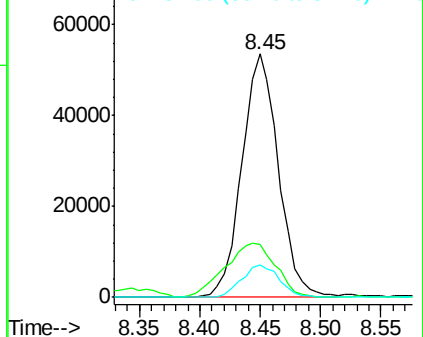
87 13.7 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 52.640 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD066082.D

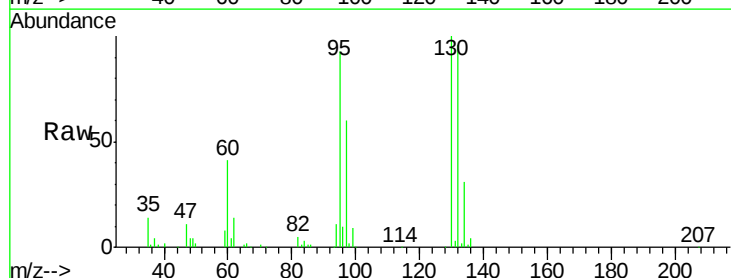
Acq: 29 Jul 2020 09:50

Tgt Ion:130 Resp: 134796

Ion Ratio Lower Upper

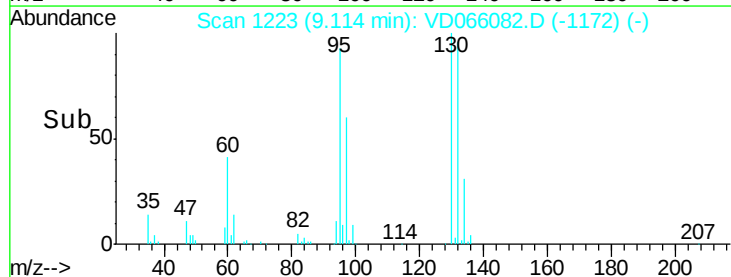
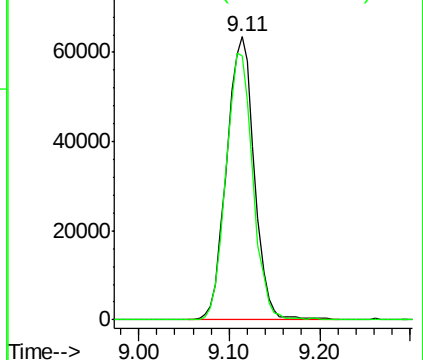
130 100

95 93.4 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

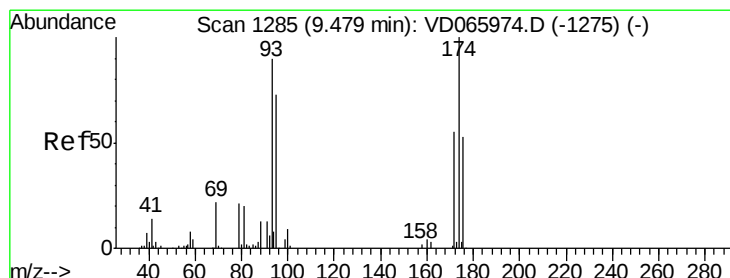
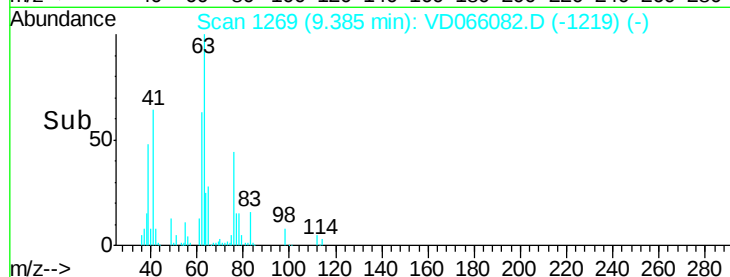
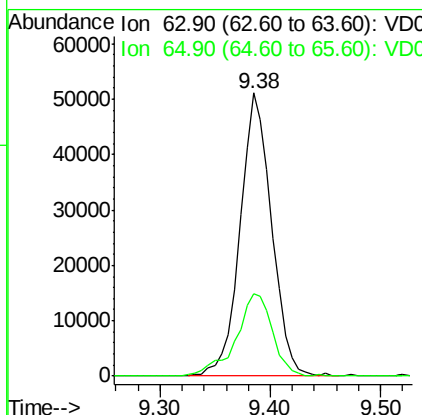
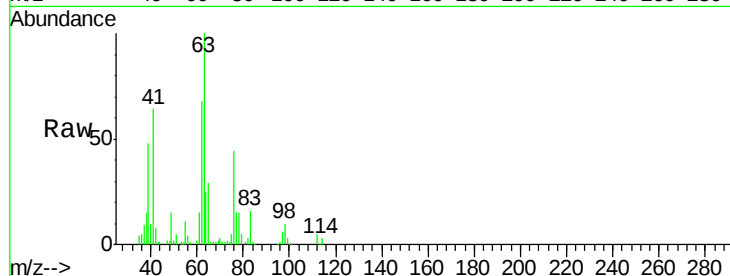




#45
 1,2-Dichloropropane
 Concen: 50.022 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

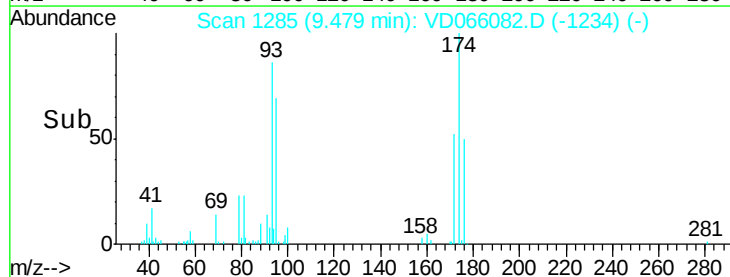
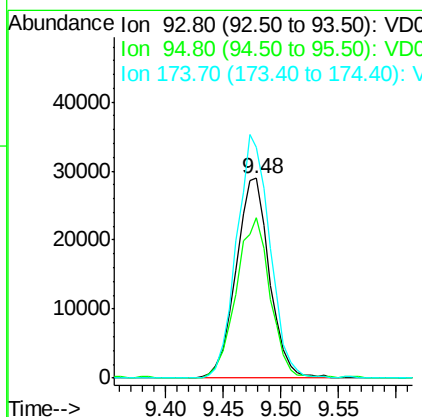
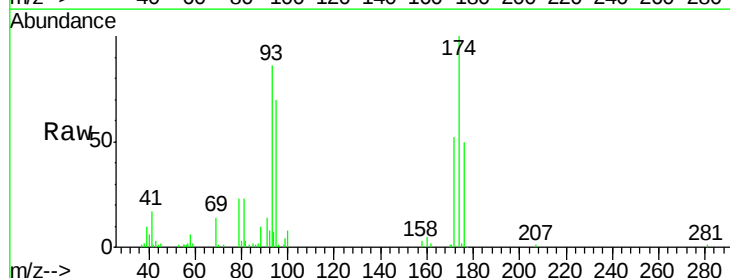
Instrument :
 MSVOA_D
 ClientSampled :

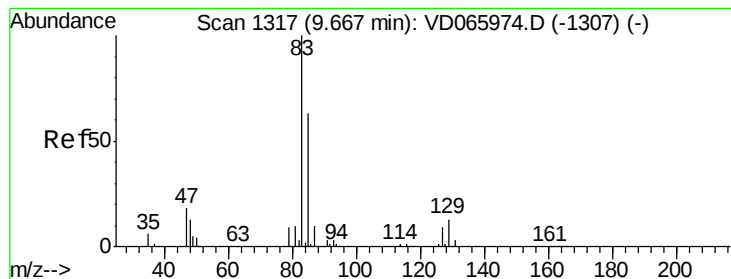
Tot Ion: 63 Resp: 102516
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.0 36.0



#46
 Dibromomethane
 Concen: 52.767 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

Tgt Ion: 93 Resp: 58216
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.2 99.4
 174 121.2 91.5 137.3





#47

Bromodichloromethane

Concen: 54.006 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

ClientSampleId :

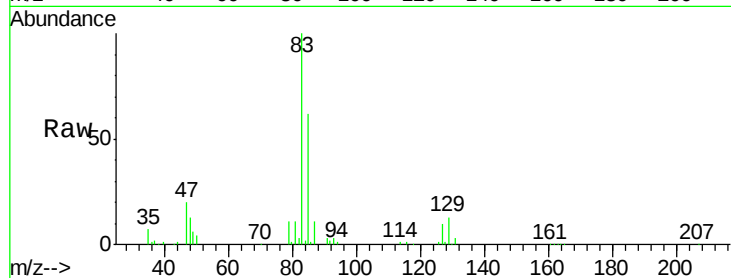
Tot Ion: 83 Resp: 157544

Ion Ratio Lower Upper

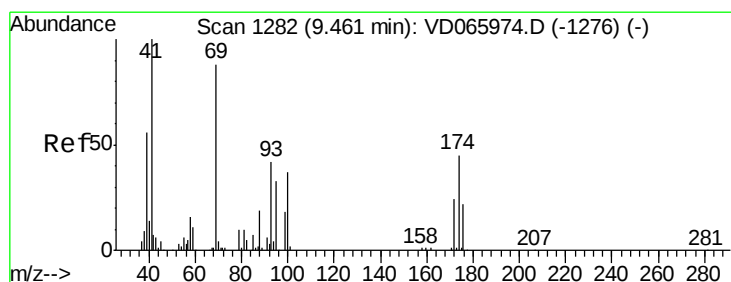
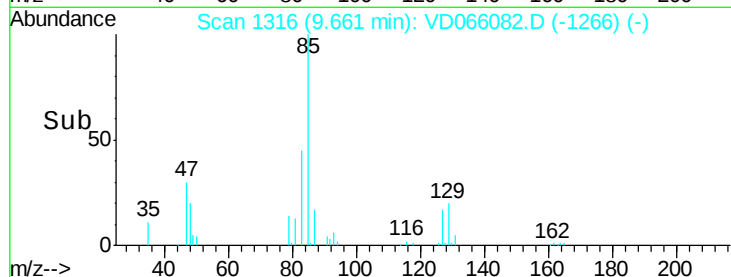
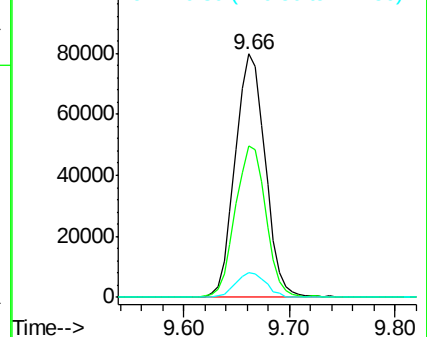
83 100

85 62.4 50.6 75.8

127 10.3 7.1 10.7



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



#48

Methyl methacrylate

Concen: 46.079 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

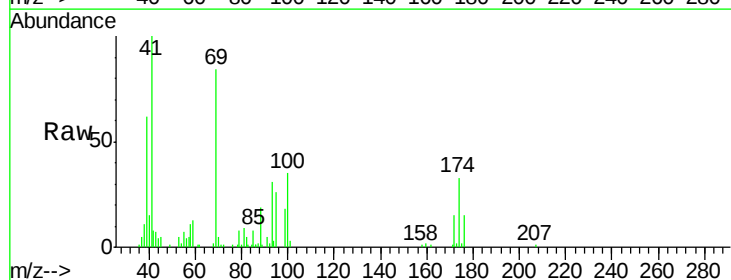
Tgt Ion: 41 Resp: 52440

Ion Ratio Lower Upper

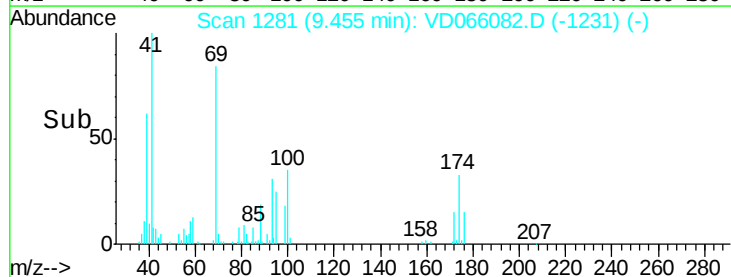
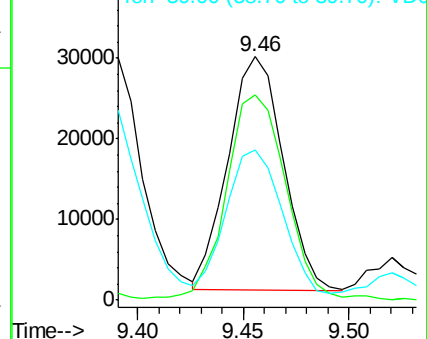
41 100

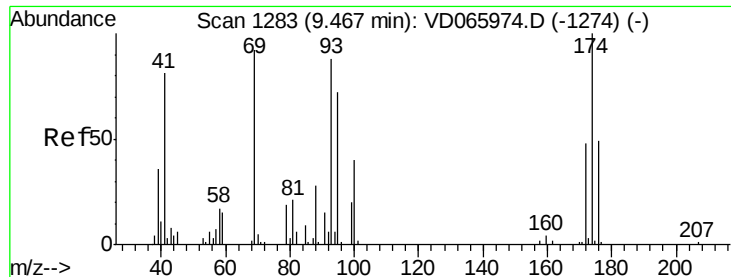
69 95.5 65.1 97.7

39 62.2 41.5 62.3



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

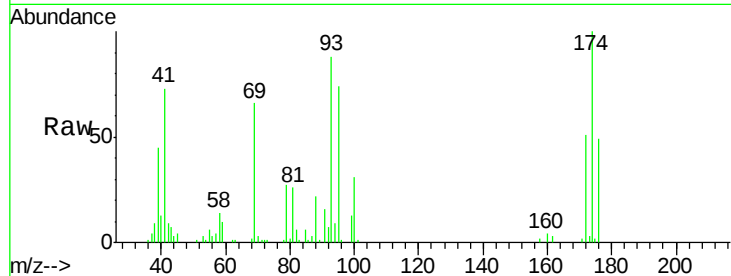




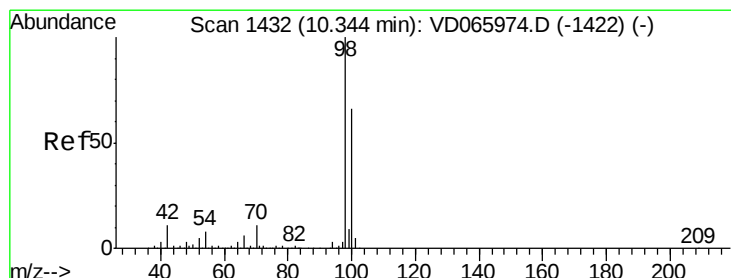
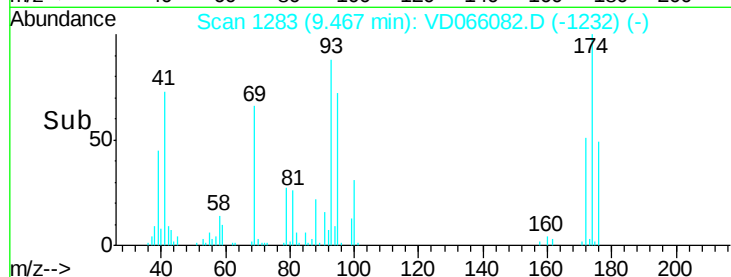
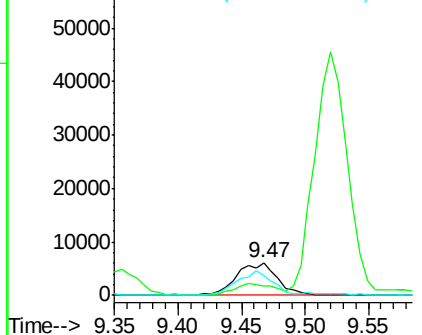
#49
1,4-Dioxane
Concen: 1054.060 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 13473
Ion Ratio Lower Upper
88 100
43 36.0 29.0 43.6
58 70.5 57.0 85.4

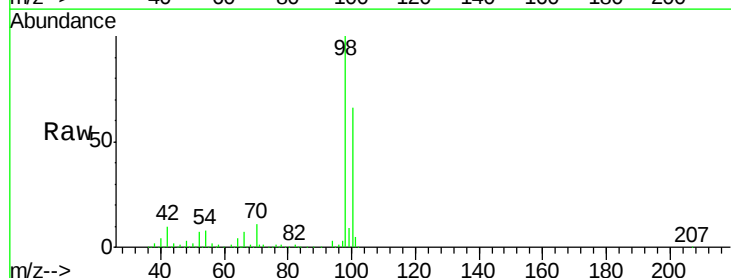


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

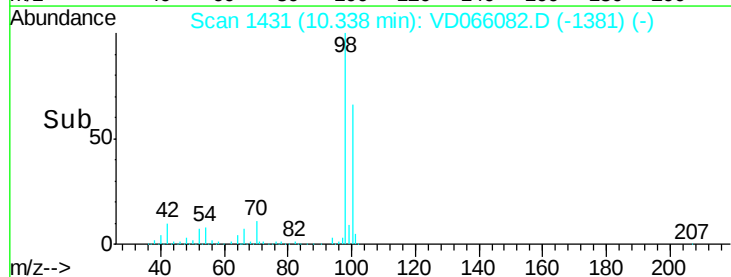
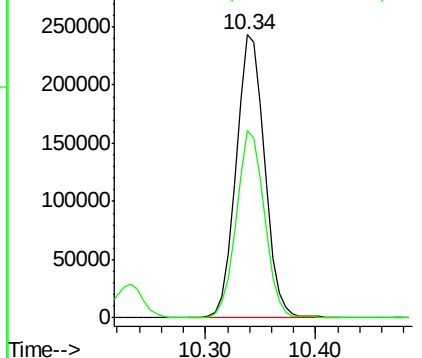


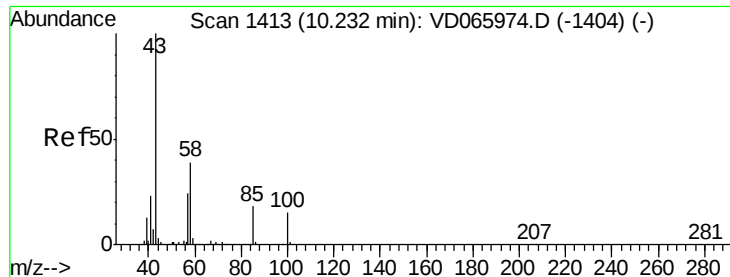
#50
Toluene-d8
Concen: 55.252 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion: 98 Resp: 442443
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



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

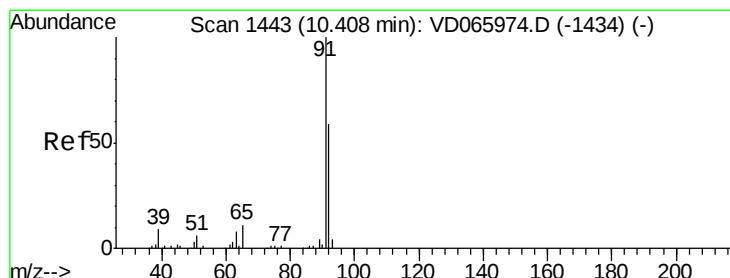
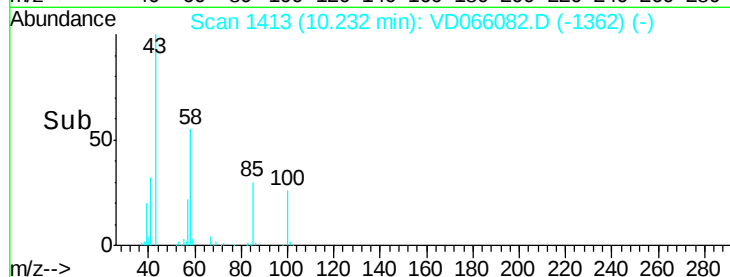
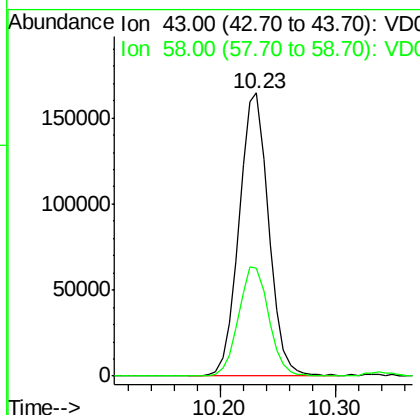
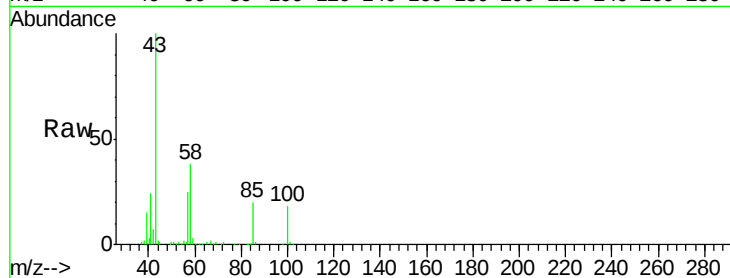




#51
 4-Methyl-2-Pentanone
 Concen: 257.578 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

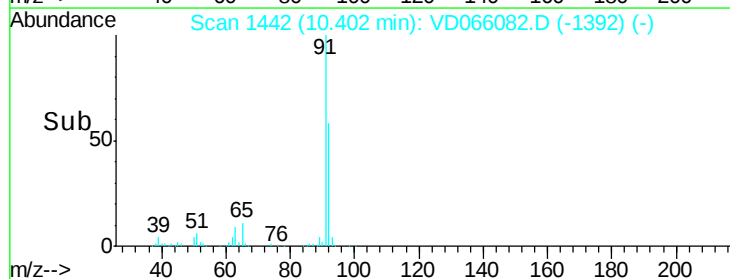
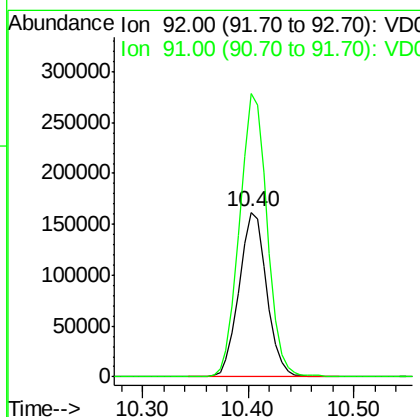
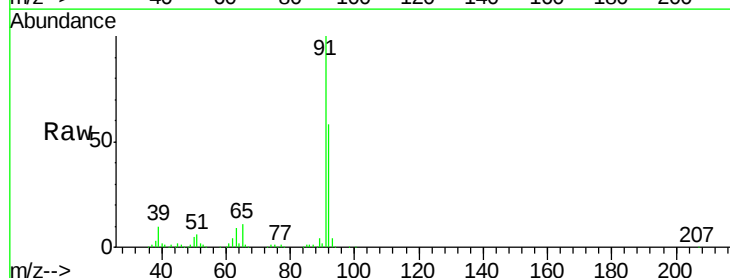
Instrument :
 MSVOA_D
 ClientSampleId :

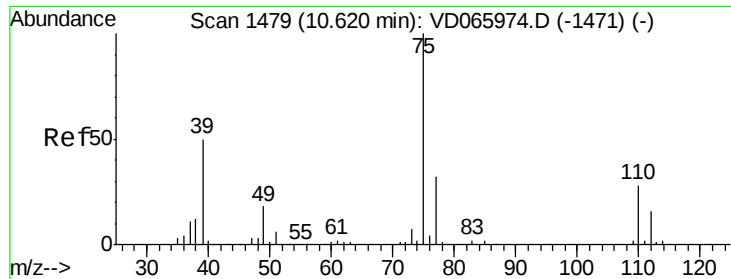
Tot Ion: 43 Resp: 292805
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.3 46.9



#52
 Toluene
 Concen: 53.055 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

Tgt Ion: 92 Resp: 292779
 Ion Ratio Lower Upper
 92 100
 91 172.5 134.5 201.7

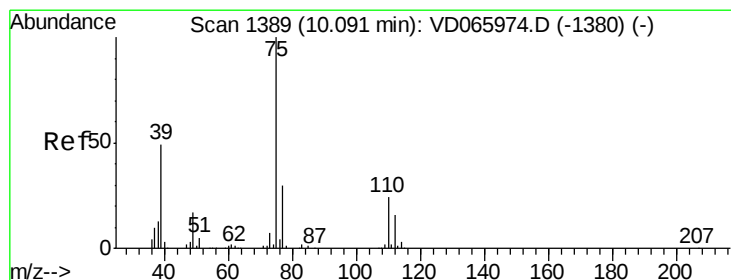
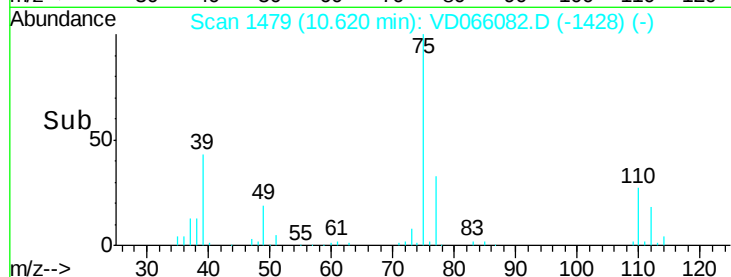
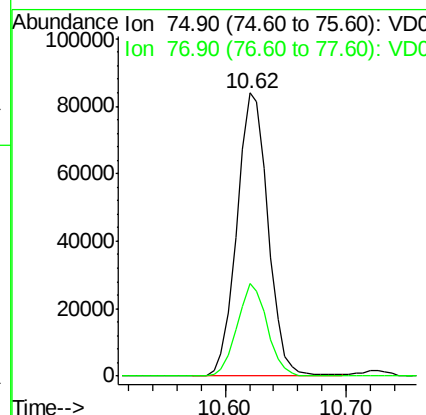
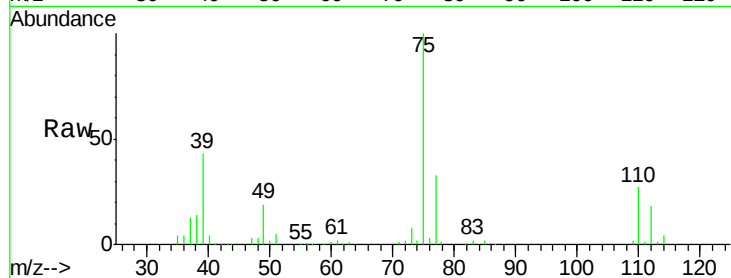




#53
t-1,3-Dichloropropene
Concen: 55.478 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

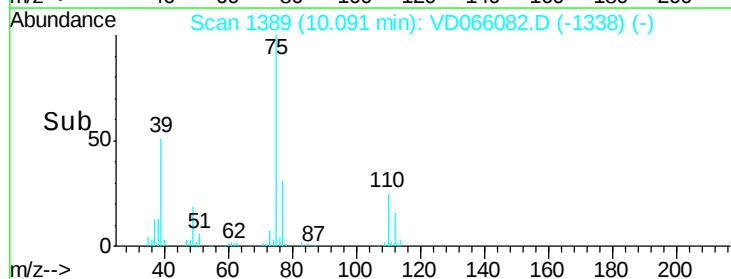
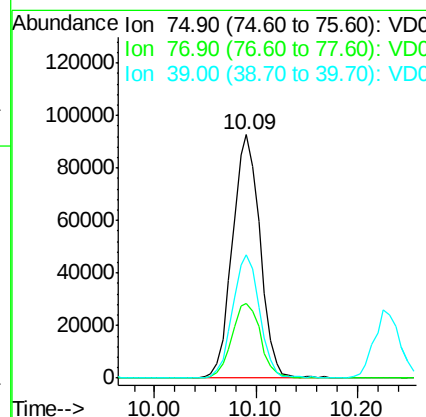
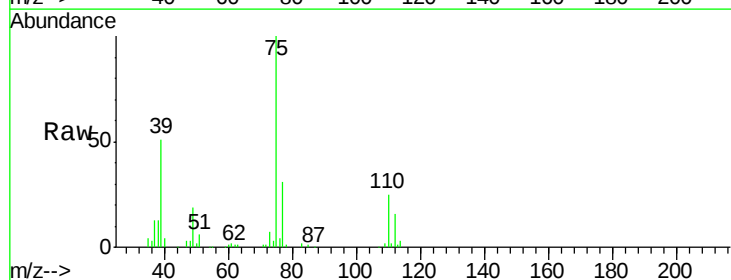
Instrument :
MSVOA_D
ClientSampleId :

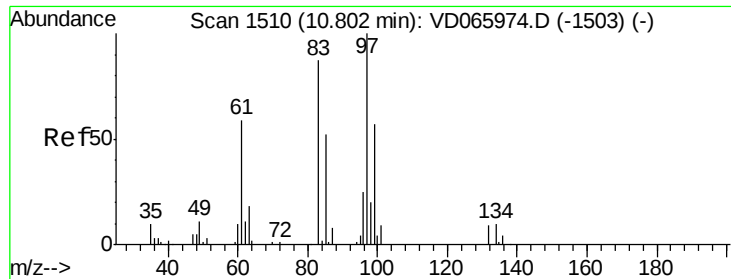
Tot Ion: 75 Resp: 150777
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 53.302 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion: 75 Resp: 175599
Ion Ratio Lower Upper
75 100
77 30.7 23.8 35.8
39 50.6 38.8 58.2

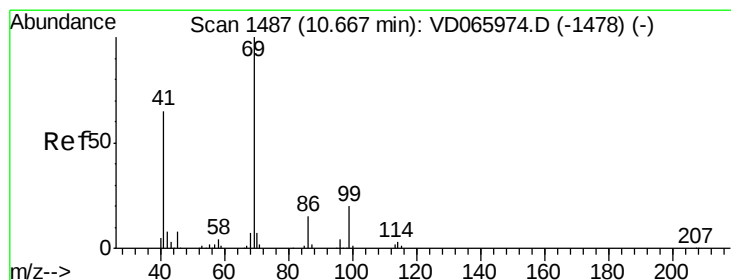
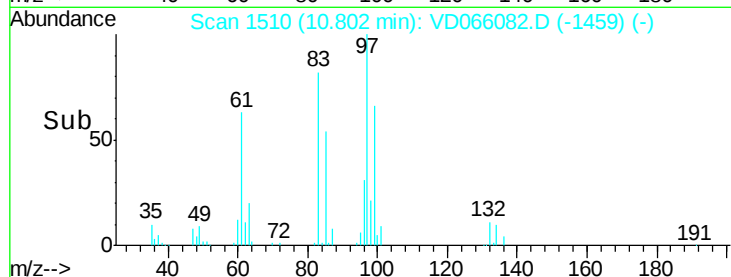
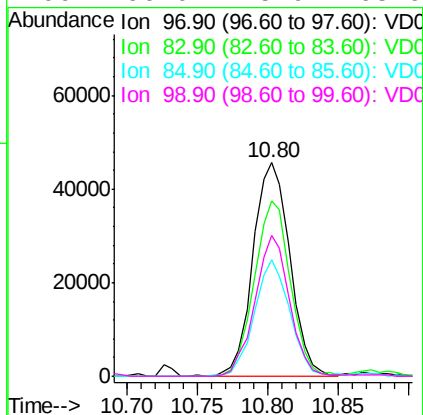
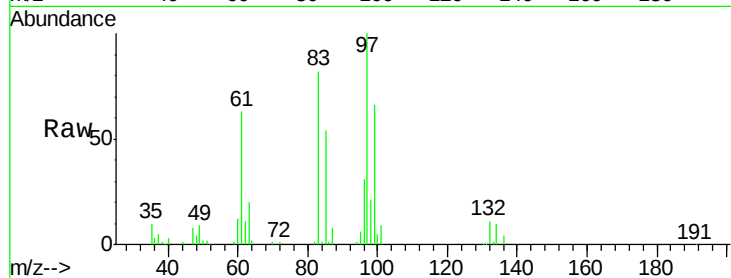




#55
 1,1,2-Trichloroethane
 Concen: 53.467 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

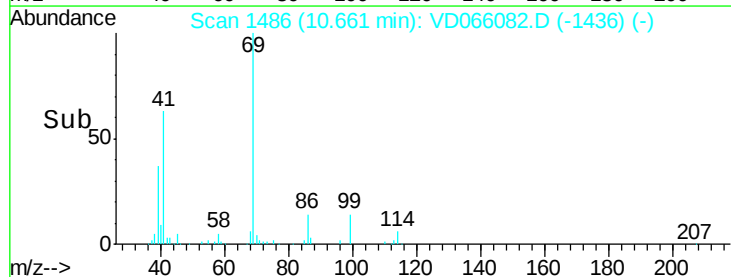
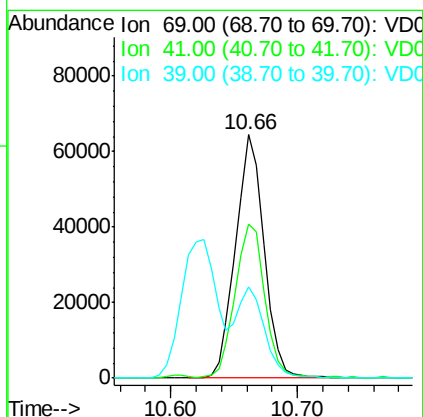
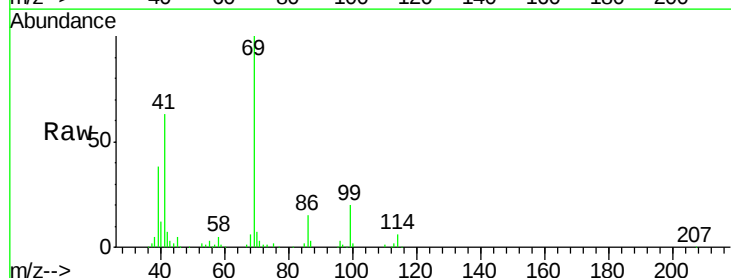
Instrument :
 MSVOA_D
 ClientSampleId :

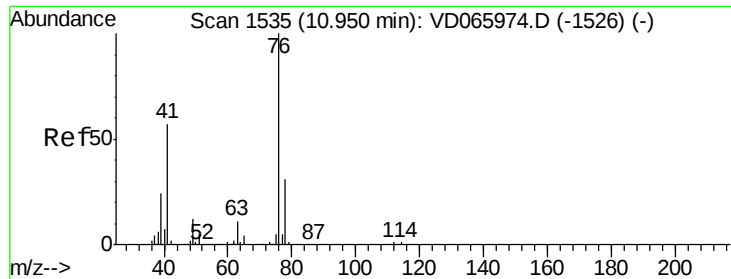
Tot Ion:	97	Resp:	83661
Ion	Ratio	Lower	Upper
97	100		
83	82.0	69.7	104.5
85	54.5	41.6	62.4
99	66.0	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 55.397 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

Tgt Ion:	69	Resp:	100780
Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.3	78.5
39	37.9	25.2	37.8#

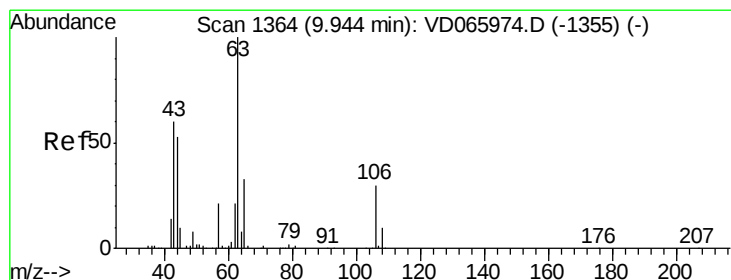
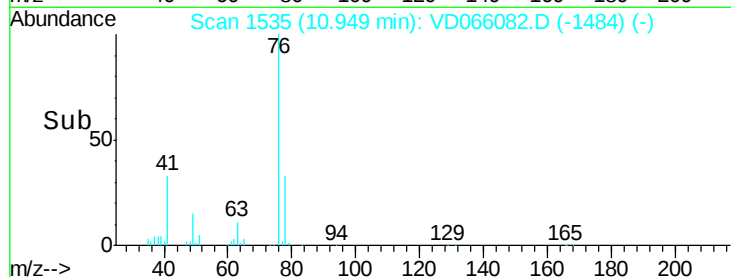
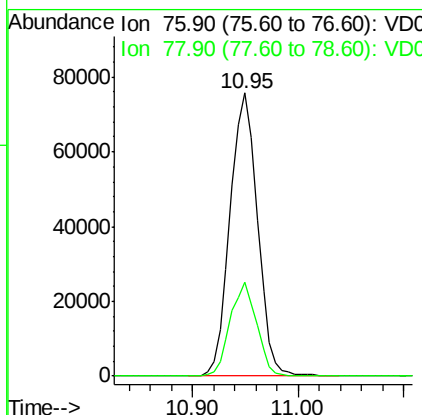
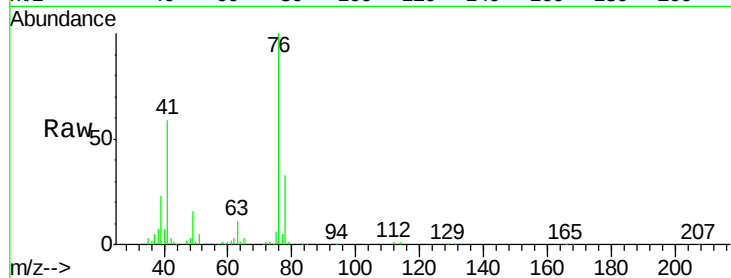




#57
 1,3-Dichloropropane
 Concen: 52.615 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

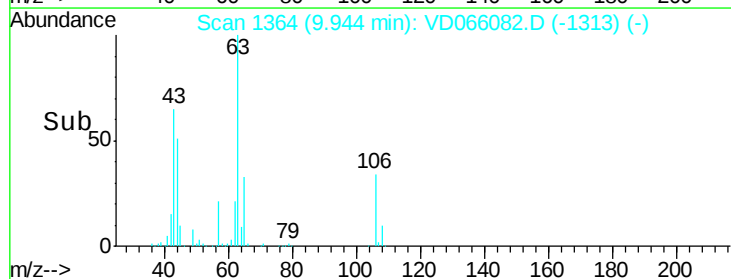
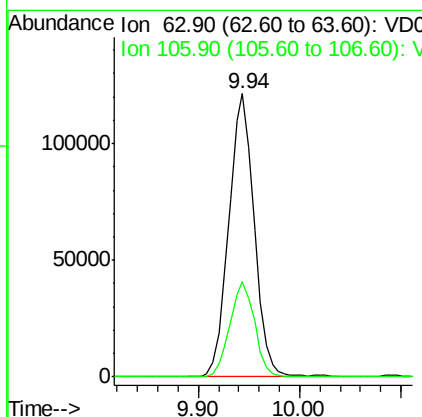
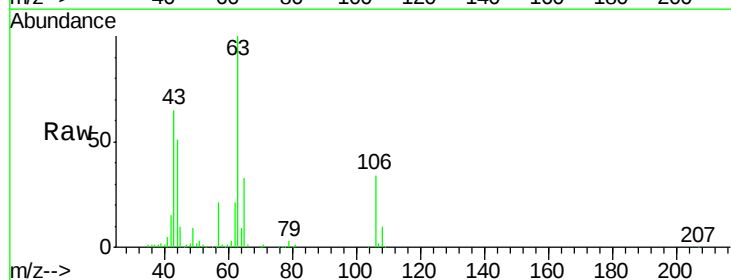
Instrument :
 MSVOA_D
 ClientSampled :

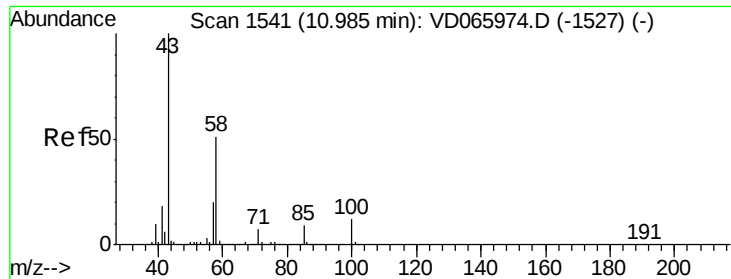
Tot Ion: 76 Resp: 136289
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.228 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

Tgt Ion: 63 Resp: 211377
 Ion Ratio Lower Upper
 63 100
 106 32.7 24.4 36.6

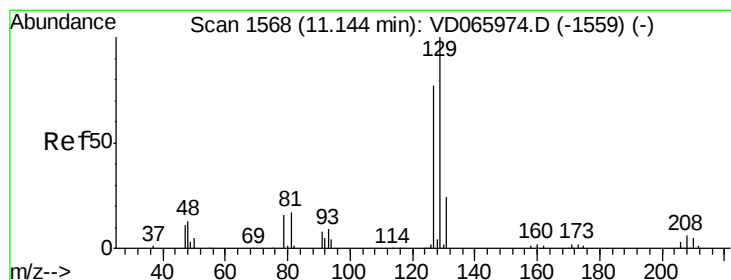
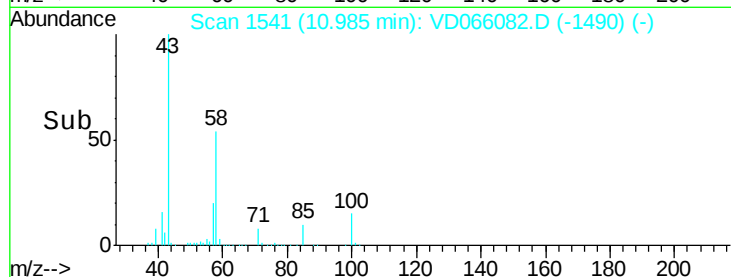
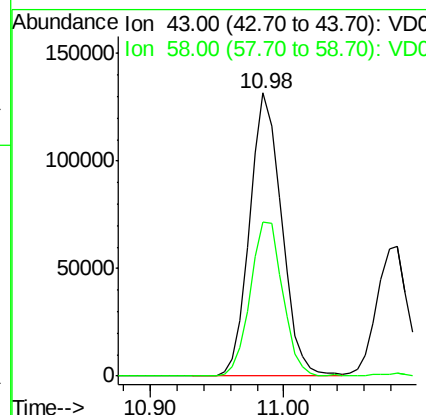
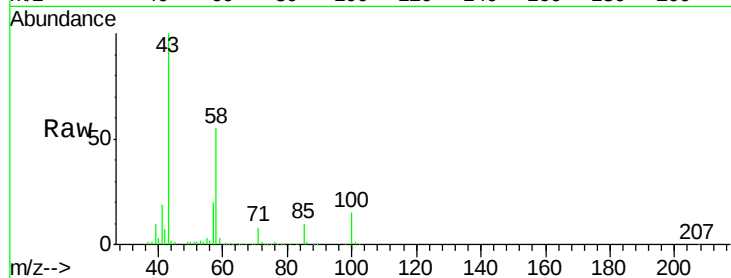




#59
2-Hexanone
Concen: 276.349 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

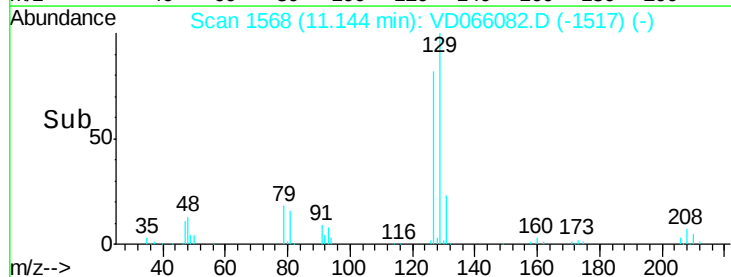
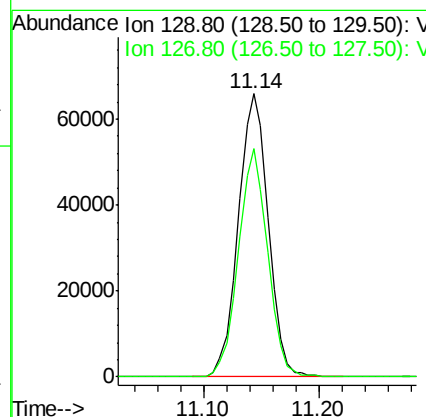
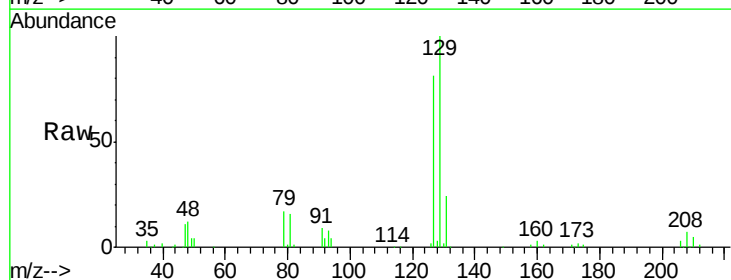
Instrument :
MSVOA_D
ClientSampleId :

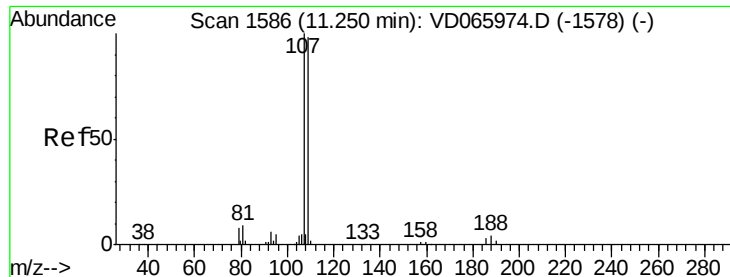
Tot Ion: 43 Resp: 217697
Ion Ratio Lower Upper
43 100
58 55.3 26.2 78.6



#60
Dibromochloromethane
Concen: 56.100 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion: 129 Resp: 118355
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.7

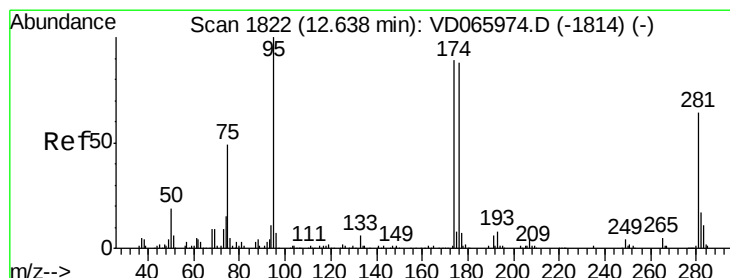
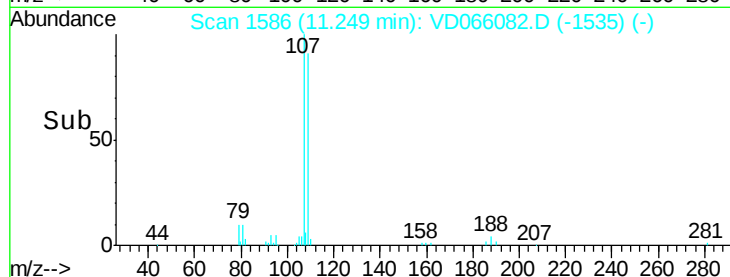
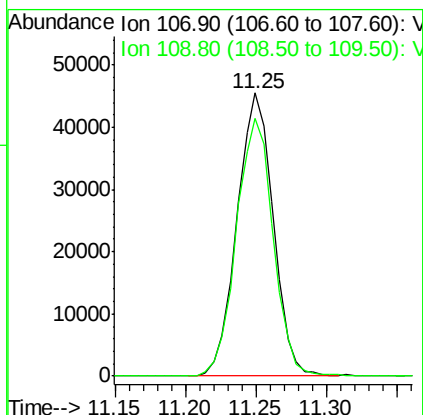
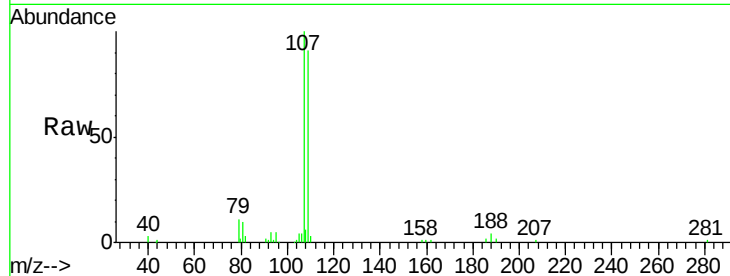




#61
 1,2-Dibromoethane
 Concen: 54.128 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

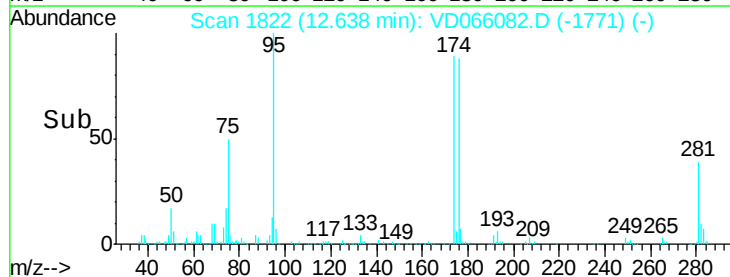
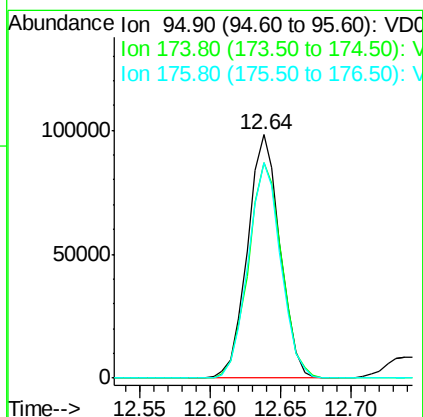
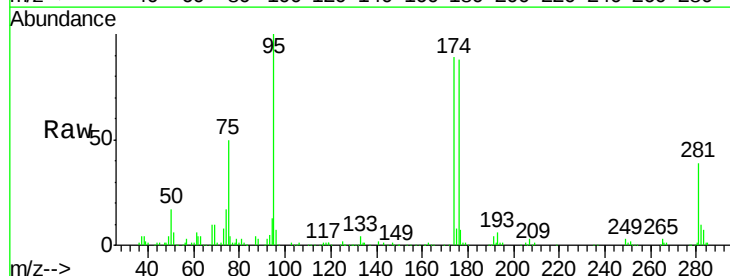
Instrument :
 MSVOA_D
 ClientSampled :

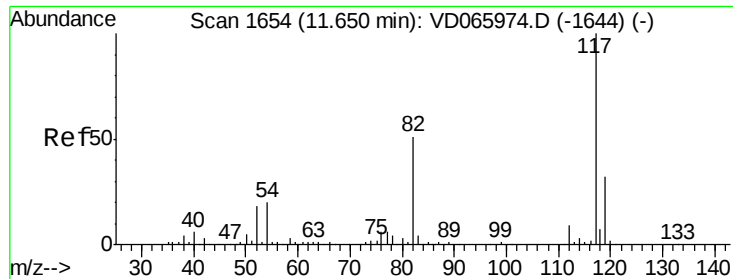
Tot Ion: 107 Resp: 81661
 Ion Ratio Lower Upper
 107 100
 109 92.6 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 57.035 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

Tgt Ion: 95 Resp: 158364
 Ion Ratio Lower Upper
 95 100
 174 90.6 0.0 178.8
 176 89.3 0.0 172.6

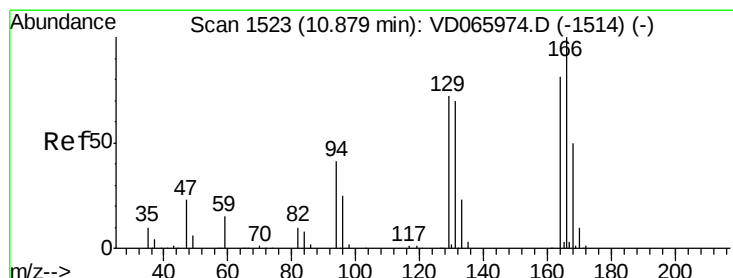
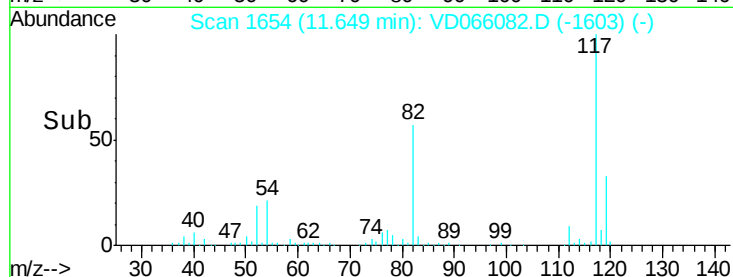
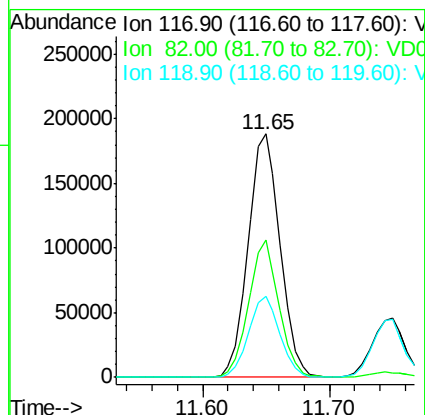
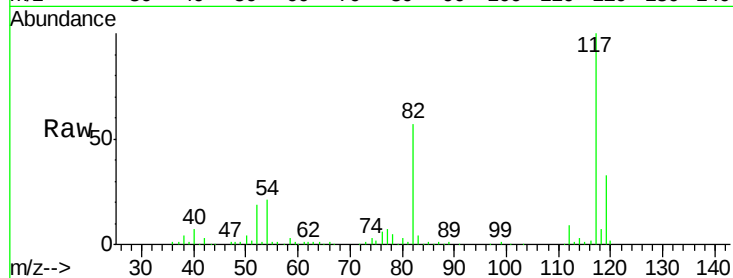




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

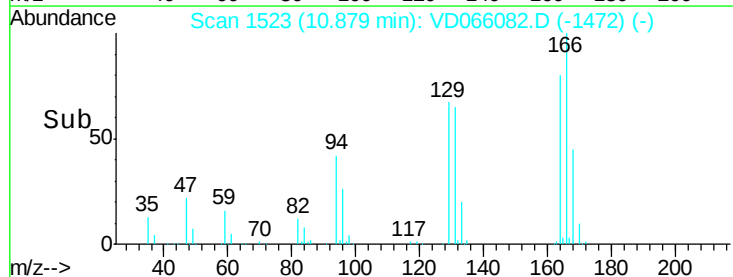
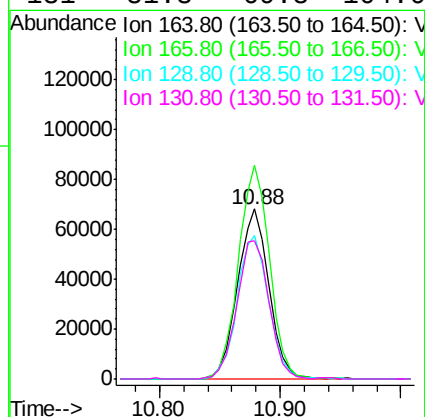
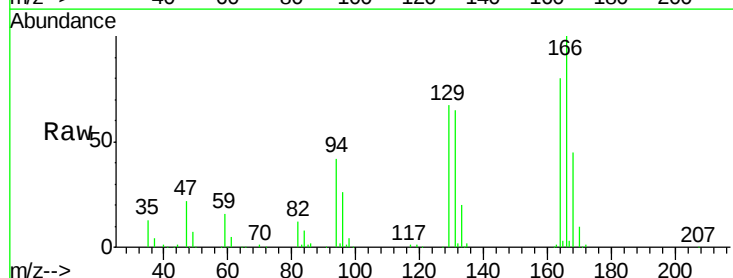
Instrument :
MSVOA_D
ClientSampleId :

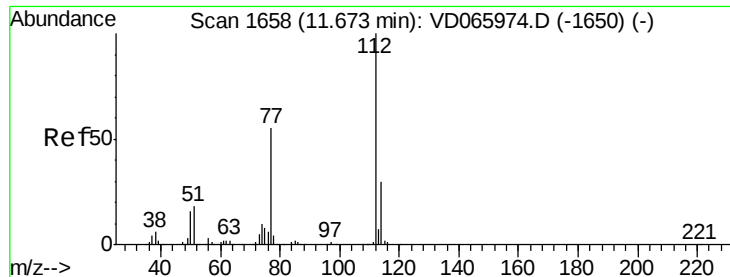
Tot Ion:117 Resp: 330284
Ion Ratio Lower Upper
117 100
82 56.5 41.1 61.7
119 33.4 25.9 38.9



#64
Tetrachloroethene
Concen: 54.889 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion:164 Resp: 123049
Ion Ratio Lower Upper
164 100
166 125.7 99.1 148.7
129 84.6 71.5 107.3
131 81.3 69.8 104.6

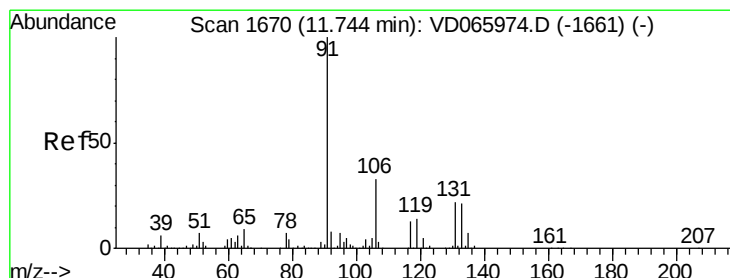
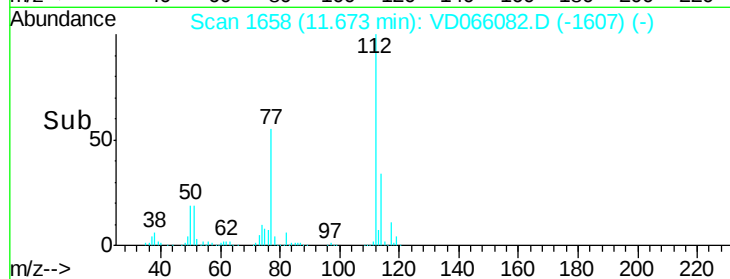
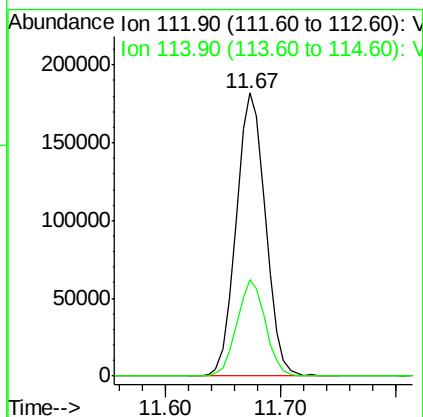
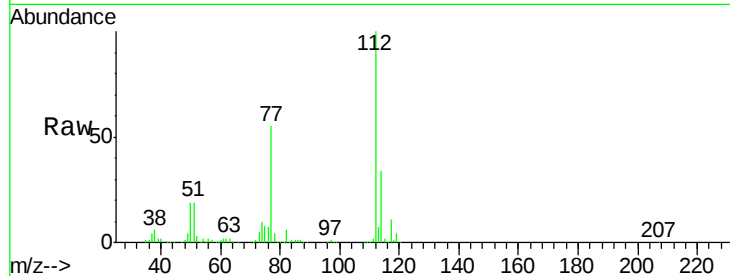




#65
Chlorobenzene
Concen: 52.611 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

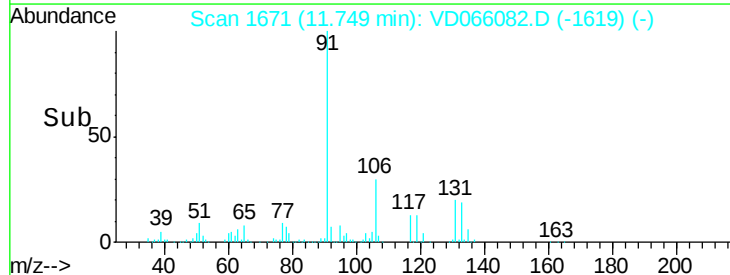
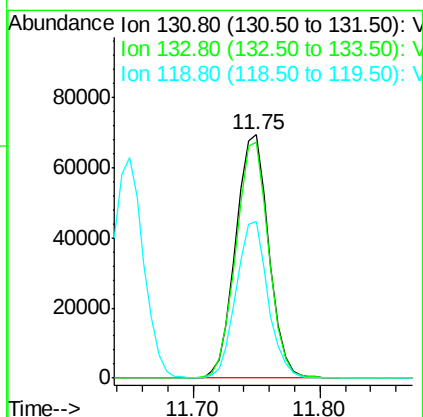
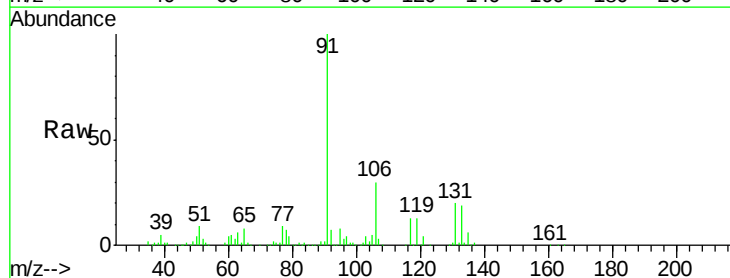
Instrument :
MSVOA_D
ClientSampleId :

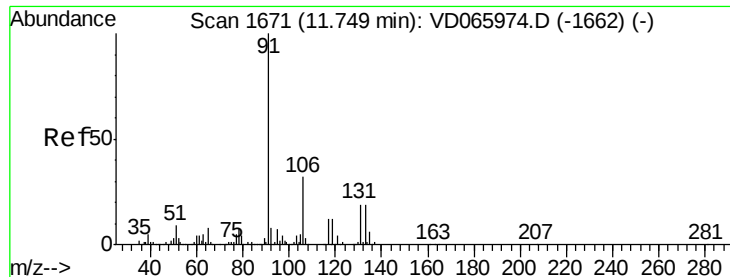
Tot Ion:112 Resp: 318156
Ion Ratio Lower Upper
112 100
114 34.3 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.158 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion:131 Resp: 125397
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 62.0 31.7 95.1





#67

Ethyl Benzene

Concen: 55.020 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

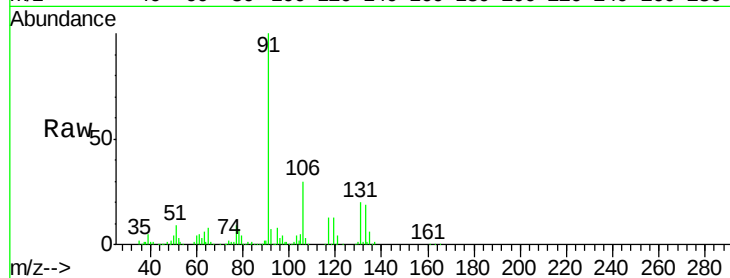
ClientSampleId :

Tot Ion: 91 Resp: 572590

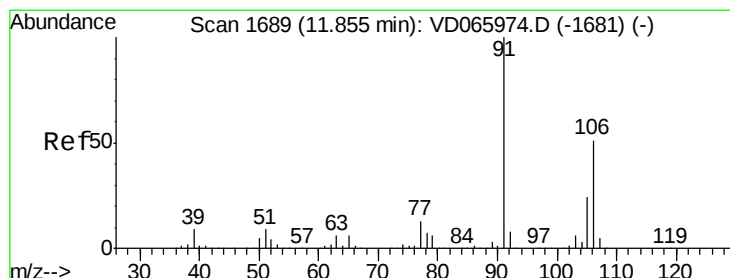
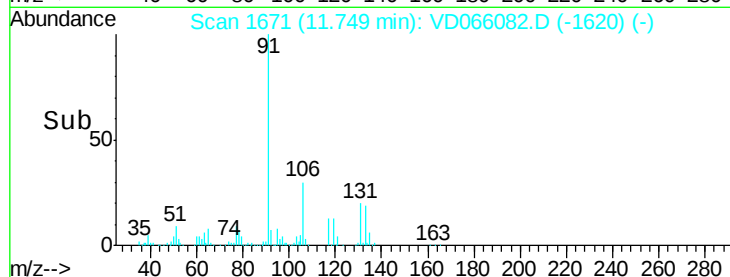
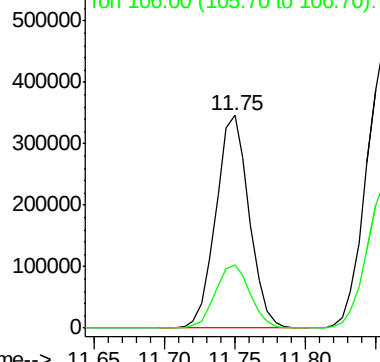
Ion Ratio Lower Upper

91 100

106 30.0 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 111.172 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066082.D

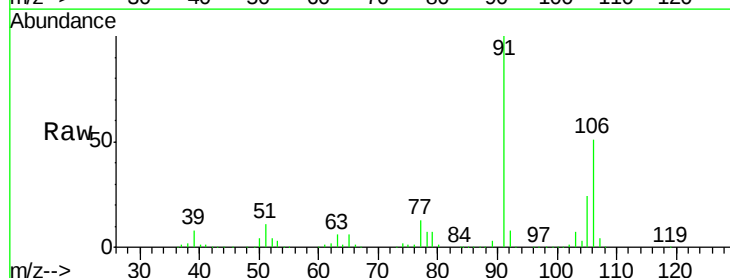
Acq: 29 Jul 2020 09:50

Tgt Ion: 106 Resp: 444687

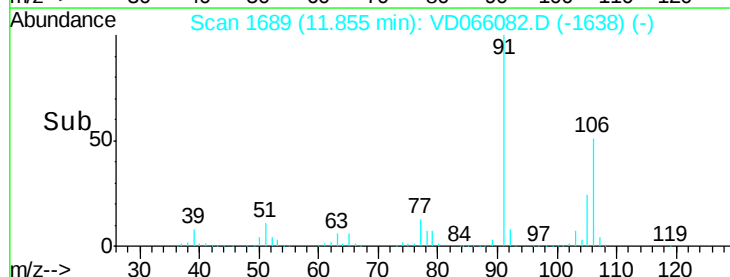
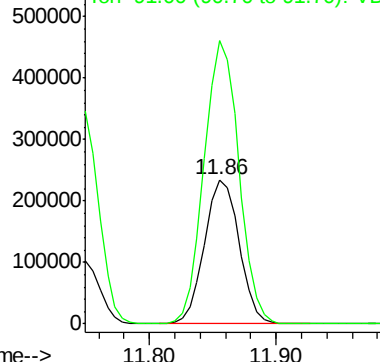
Ion Ratio Lower Upper

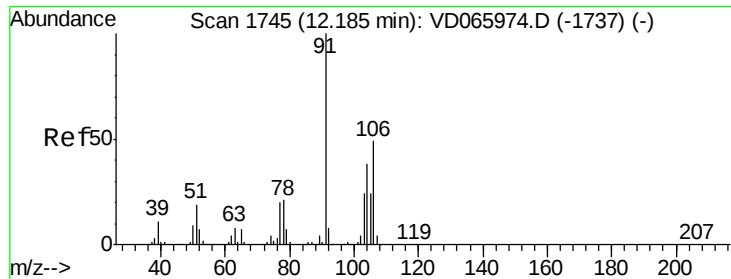
106 100

91 197.4 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

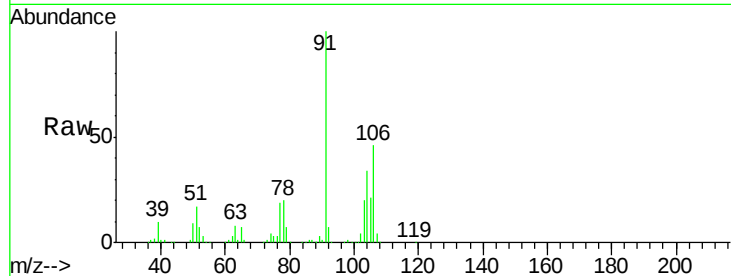




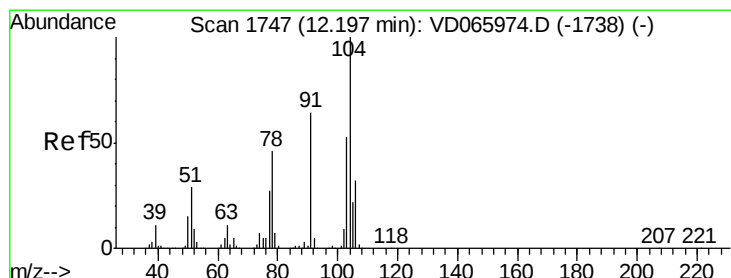
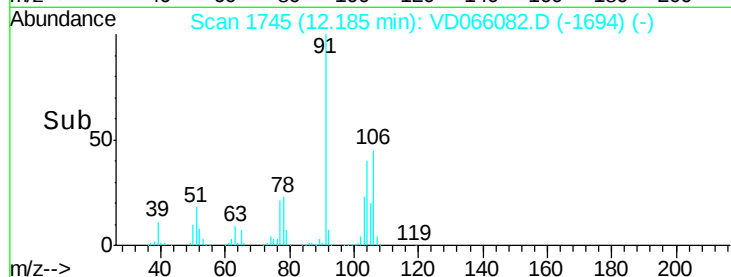
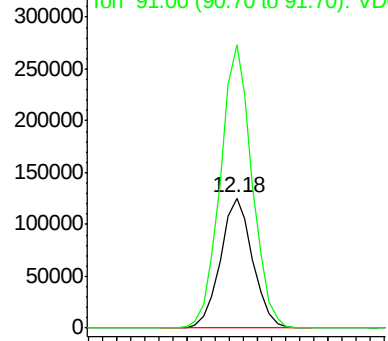
#69
o-Xylene
Concen: 55.277 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 201104
Ion Ratio Lower Upper
106 100
91 213.8 103.1 309.3

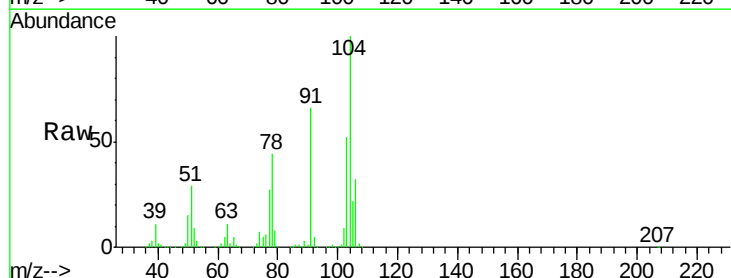


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

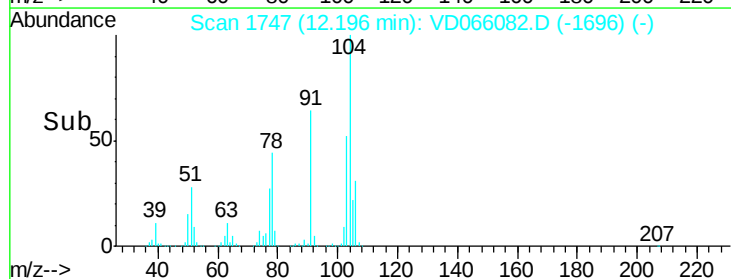
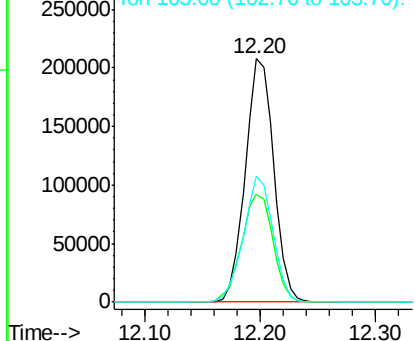


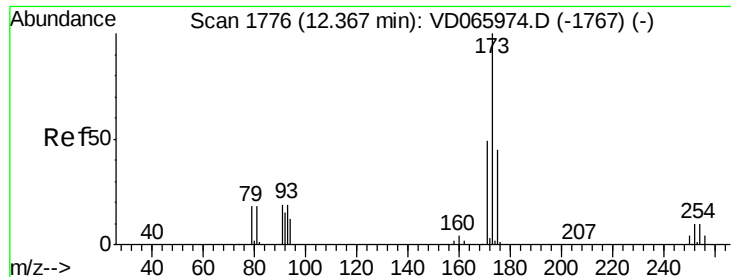
#70
Styrene
Concen: 57.167 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion:104 Resp: 357348
Ion Ratio Lower Upper
104 100
78 48.8 38.3 57.5
103 53.5 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 56.057 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

ClientSampleId :

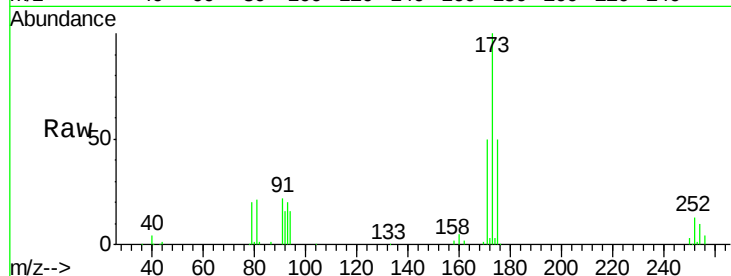
Tot Ion:173 Resp: 73320

Ion Ratio Lower Upper

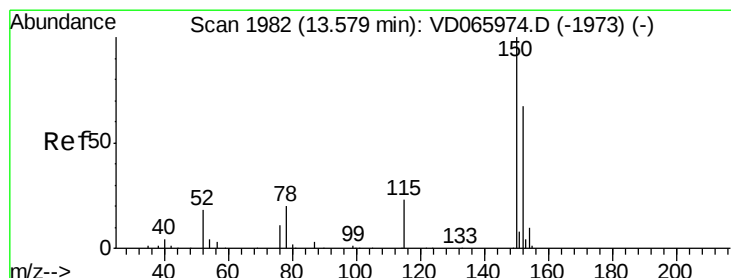
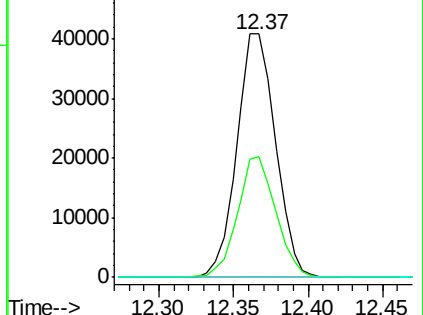
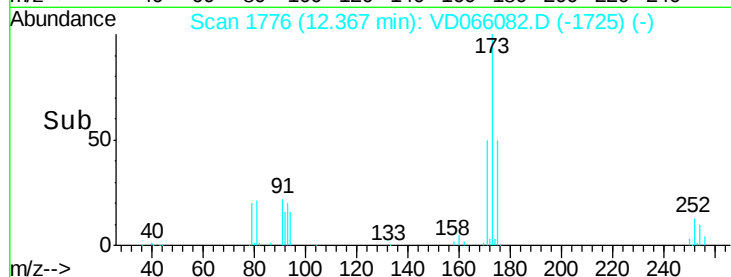
173 100

175 48.9 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: VD066082.D

Acq: 29 Jul 2020 09:50

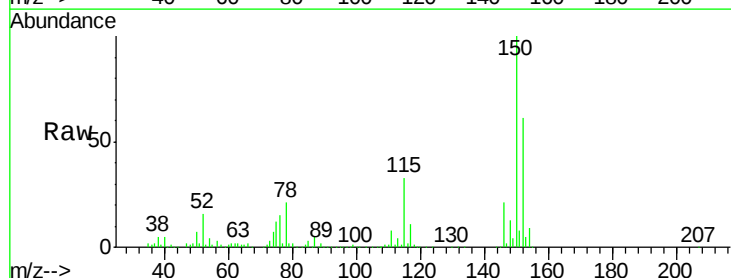
Tgt Ion:152 Resp: 184996

Ion Ratio Lower Upper

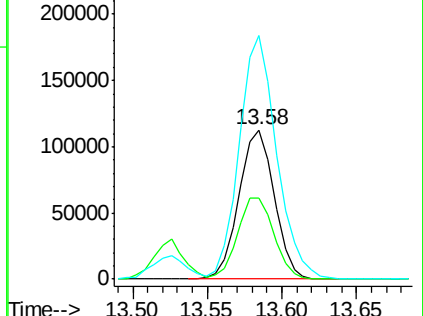
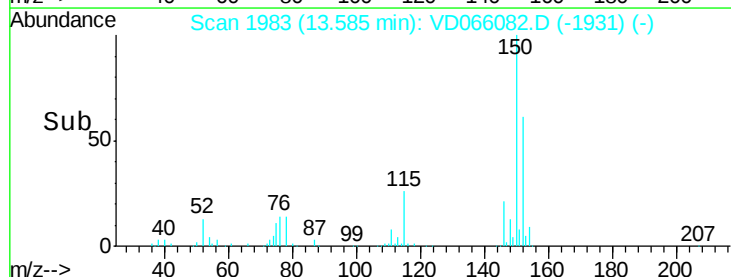
152 100

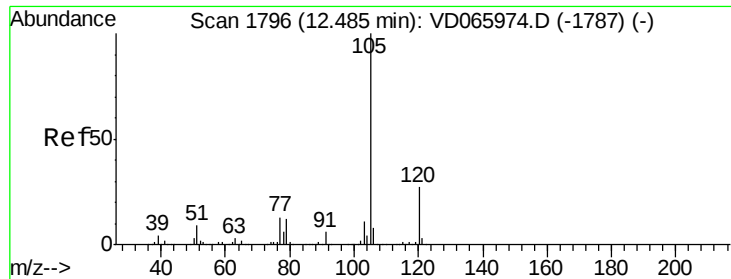
115 55.8 27.9 83.7

150 172.7 0.0 348.2



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

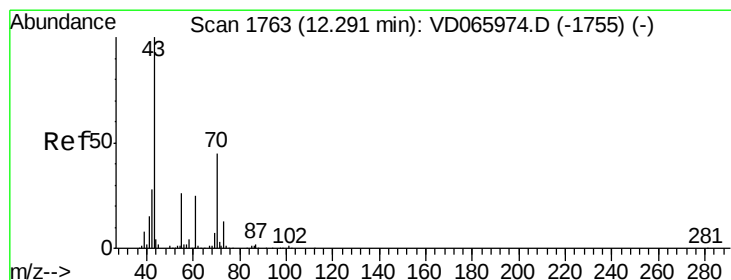
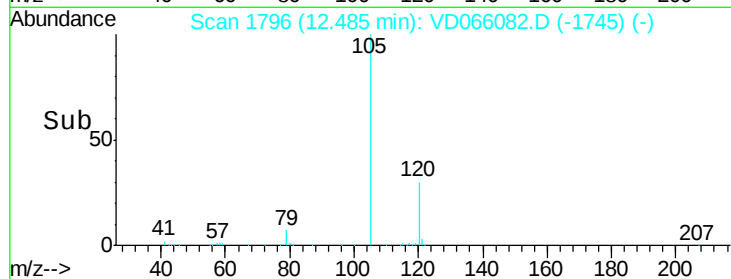
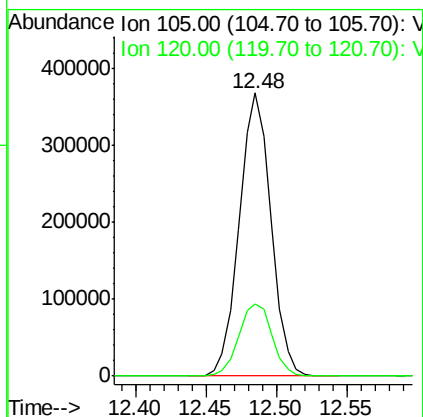
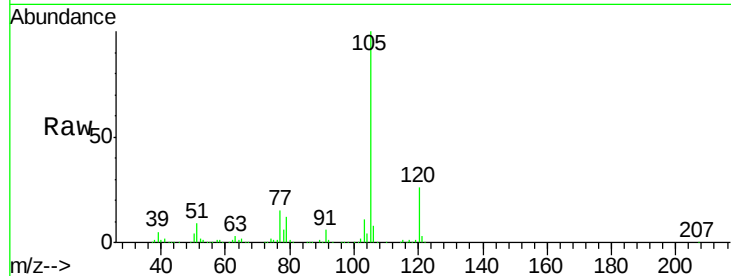




#73
Isopropylbenzene
Concen: 51.624 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

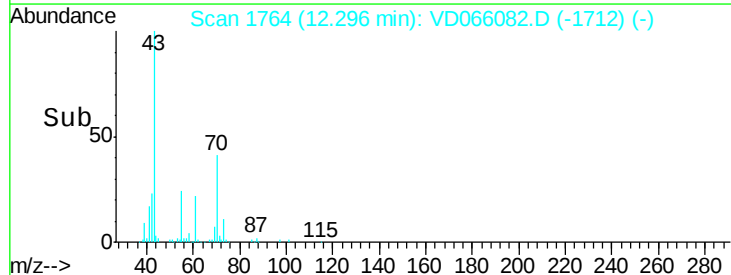
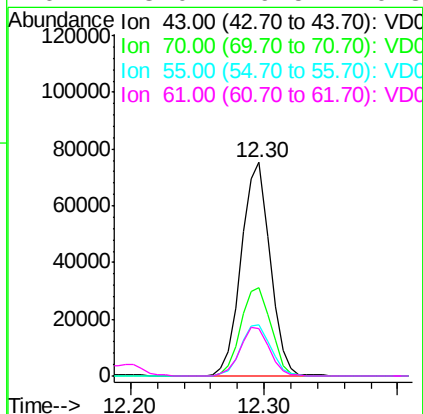
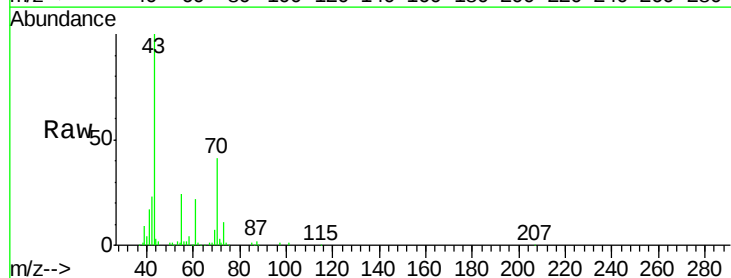
Instrument :
MSVOA_D
ClientSampleId :

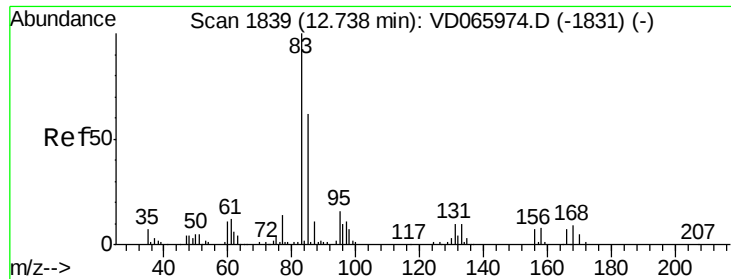
Tot Ion:105 Resp: 577888
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.8



#74
N-ethyl acetate
Concen: 48.452 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion: 43 Resp: 112456
Ion Ratio Lower Upper
43 100
70 43.4 34.6 51.8
55 25.1 20.3 30.5
61 23.0 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.782 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

ClientSampleId :

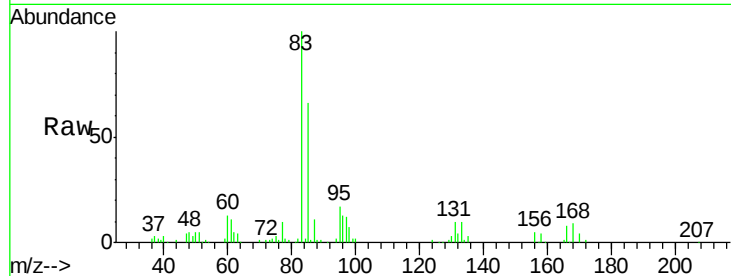
Tot Ion: 83 Resp: 86545

Ion Ratio Lower Upper

83 100

131 12.0 5.7 17.1

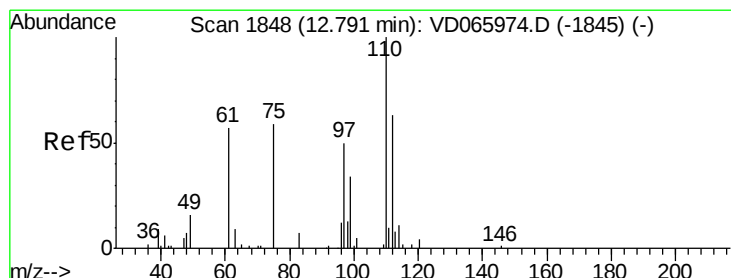
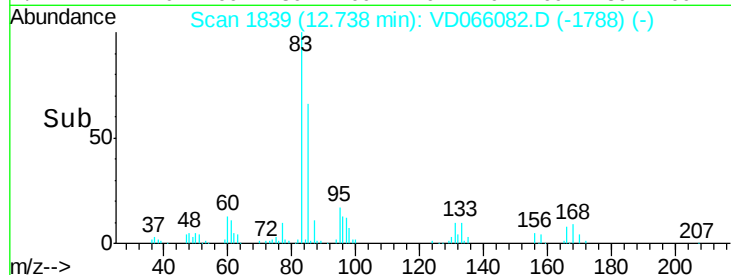
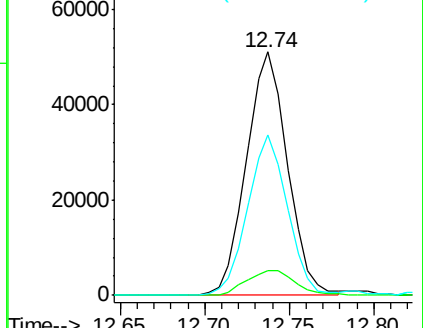
85 64.0 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 87.227 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD066082.D

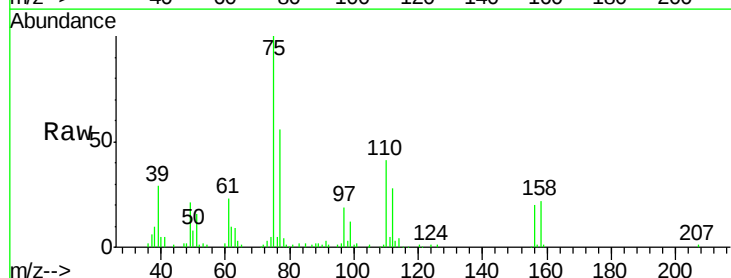
Acq: 29 Jul 2020 09:50

Tgt Ion: 75 Resp: 121501

Ion Ratio Lower Upper

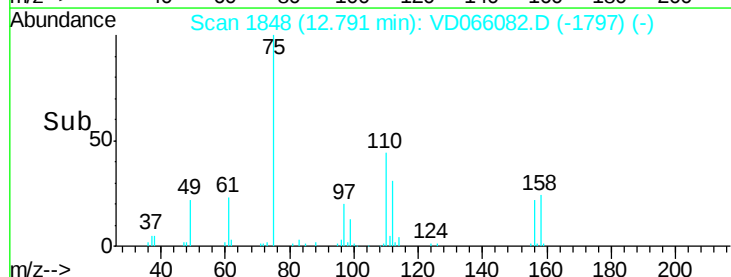
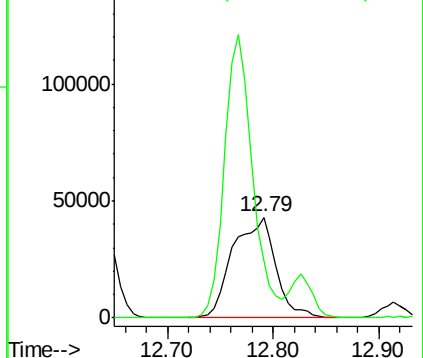
75 100

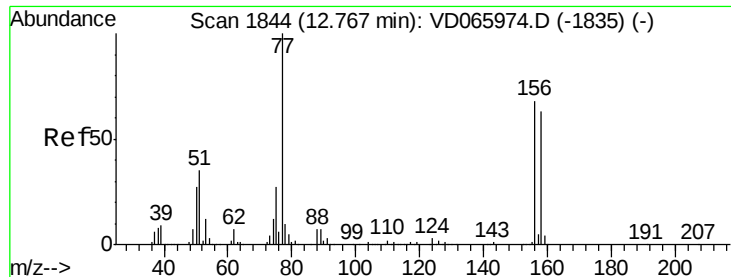
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.013 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

ClientSampleId :

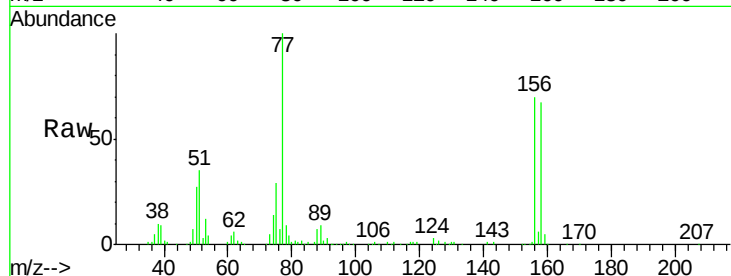
Tot Ion:156 Resp: 143079

Ion Ratio Lower Upper

156 100

77 156.5 83.0 249.0

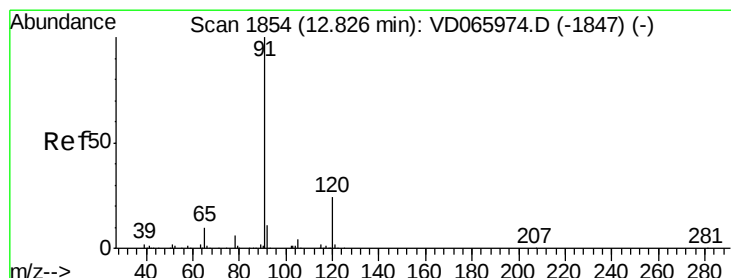
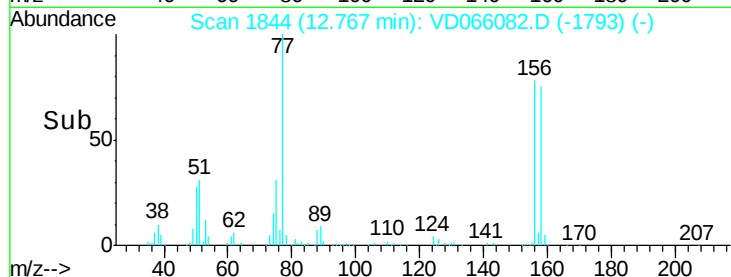
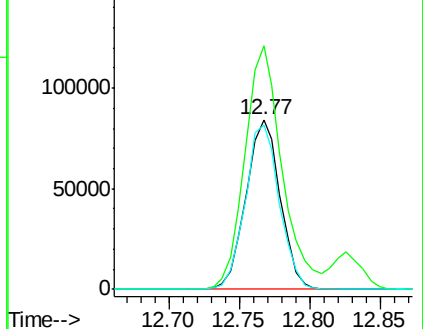
158 97.0 48.2 144.6



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: 51.814 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD066082.D

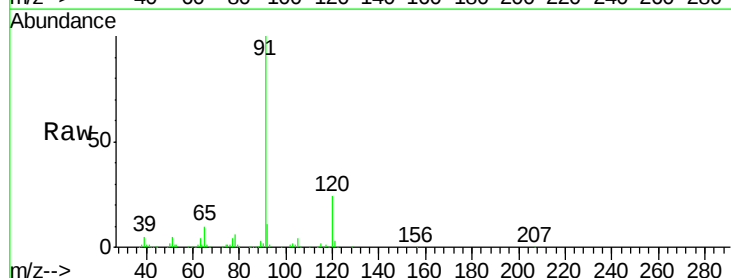
Acq: 29 Jul 2020 09:50

Tgt Ion: 91 Resp: 673044

Ion Ratio Lower Upper

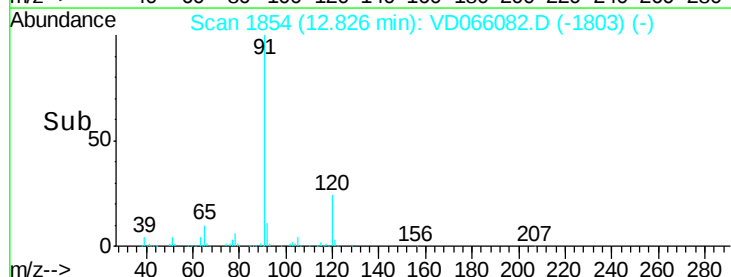
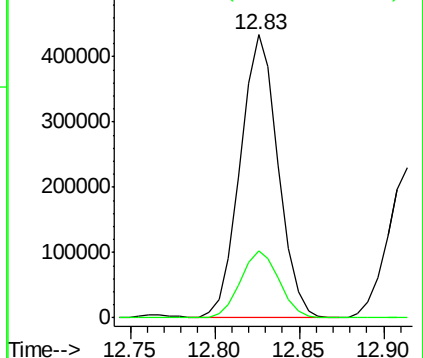
91 100

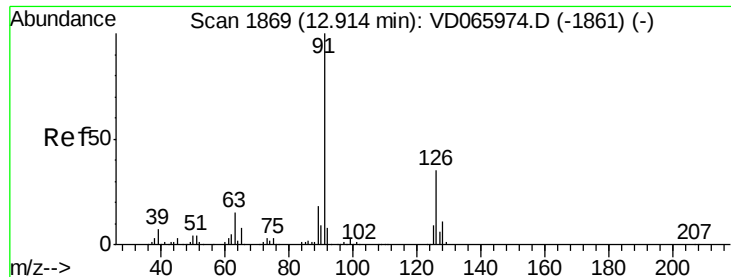
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.391 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

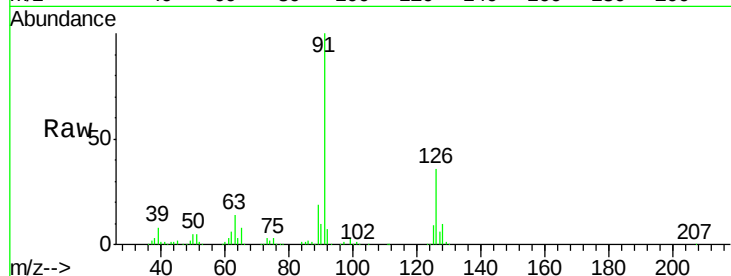
ClientSampleId :

Tot Ion: 91 Resp: 373955

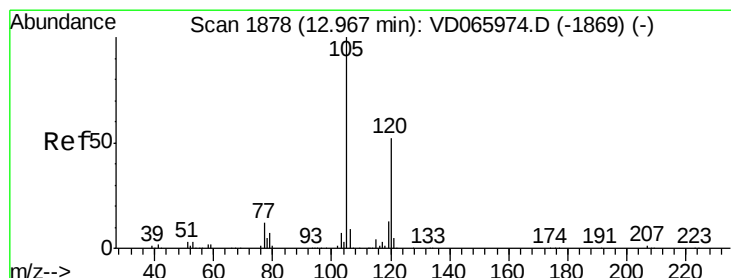
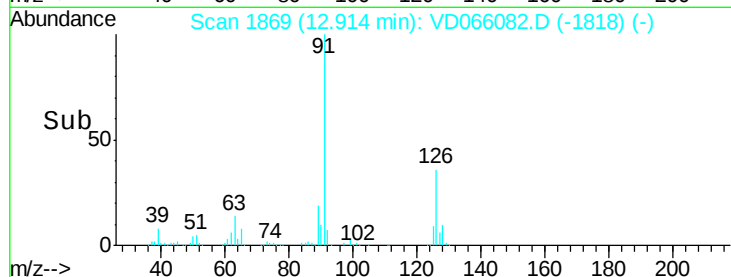
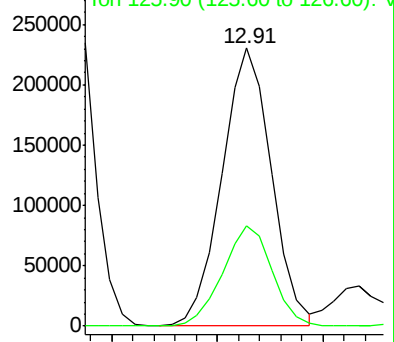
Ion Ratio Lower Upper

91 100

126 36.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD065974.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.263 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD066082.D

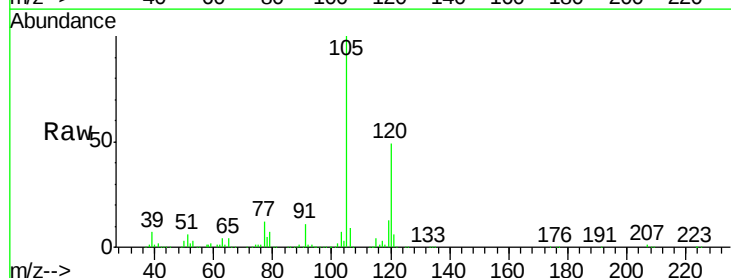
Acq: 29 Jul 2020 09:50

Tgt Ion:105 Resp: 489854

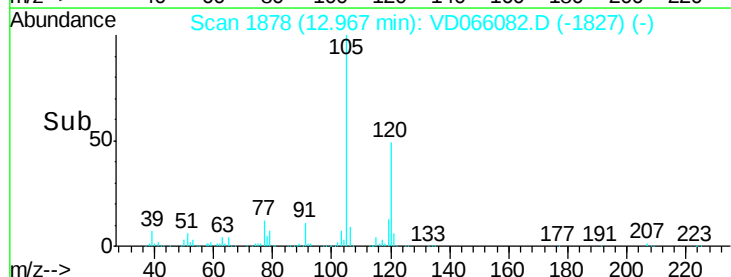
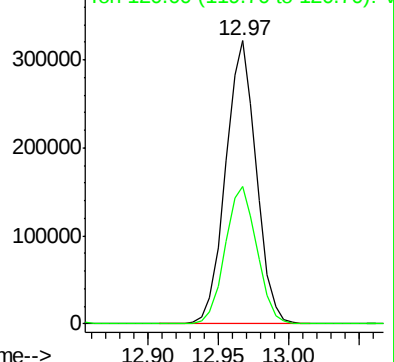
Ion Ratio Lower Upper

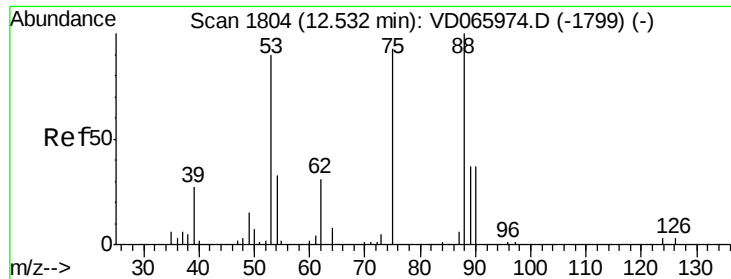
105 100

120 50.4 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD065974.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.394 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

ClientSampleId :

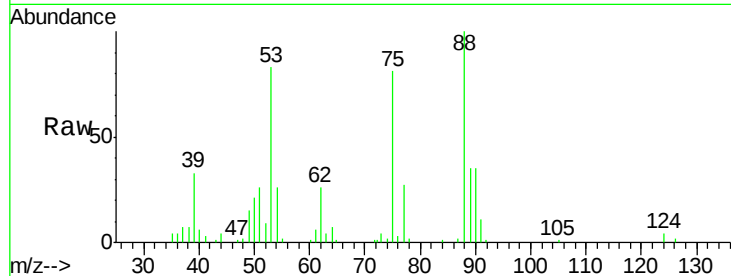
Tot Ion: 75 Resp: 31198

Ion Ratio Lower Upper

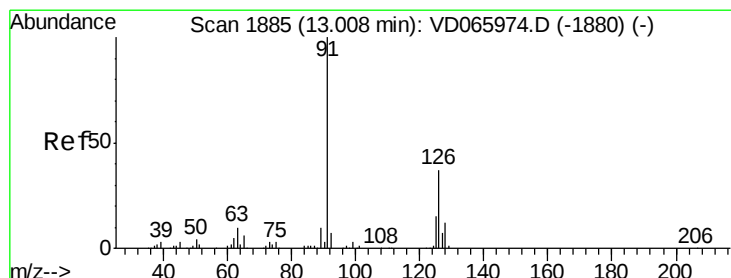
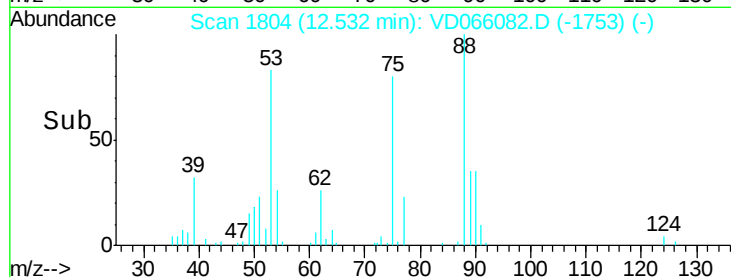
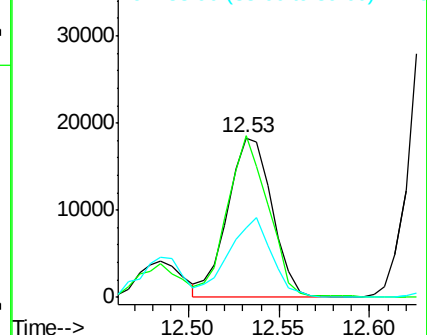
75 100

53 91.2 76.8 115.2

89 48.7 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: 50.860 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066082.D

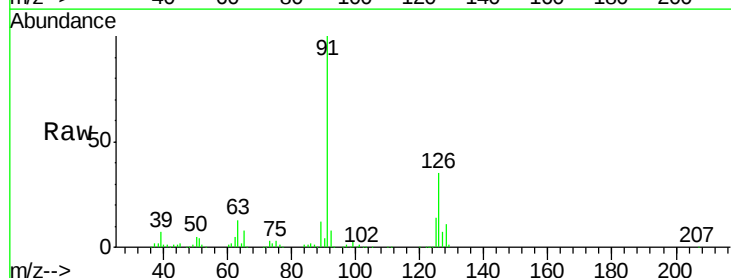
Acq: 29 Jul 2020 09:50

Tgt Ion: 91 Resp: 398388

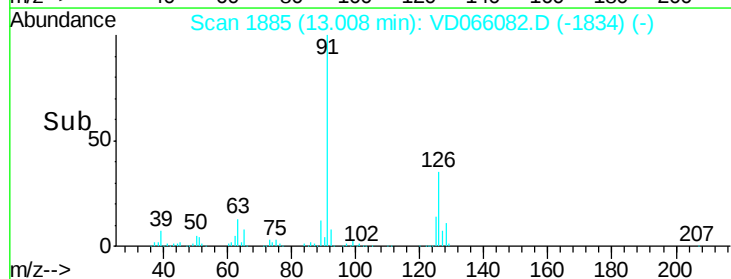
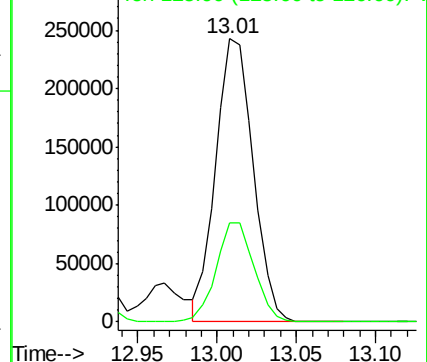
Ion Ratio Lower Upper

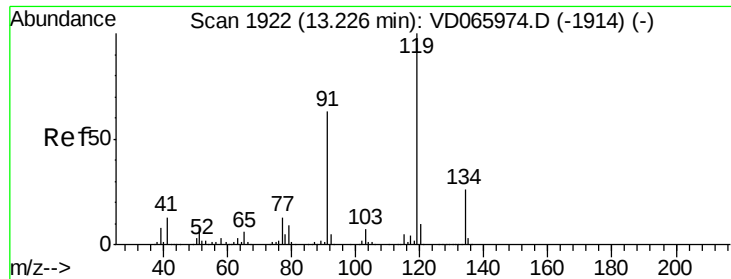
91 100

126 35.4 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

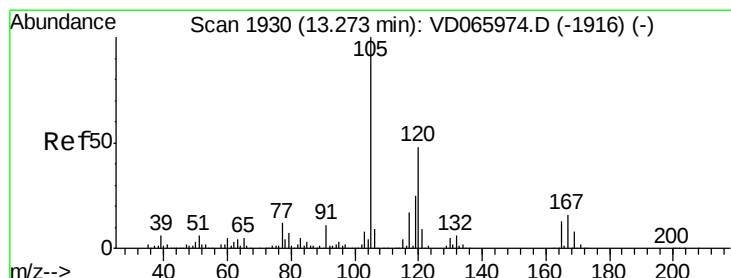
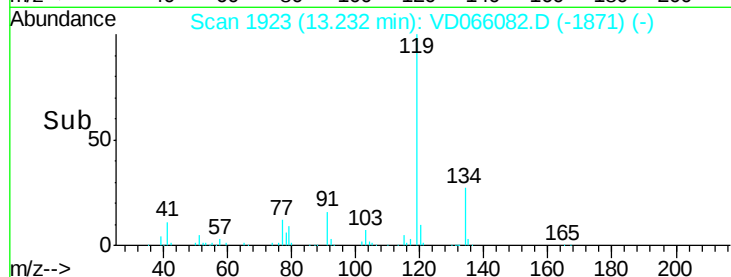
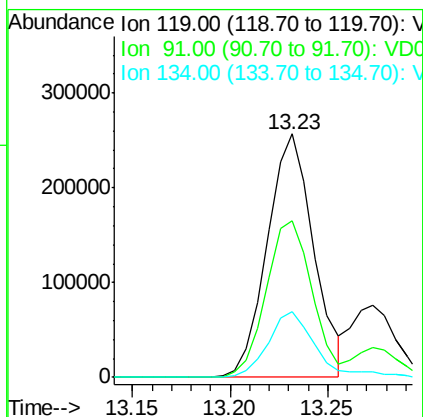
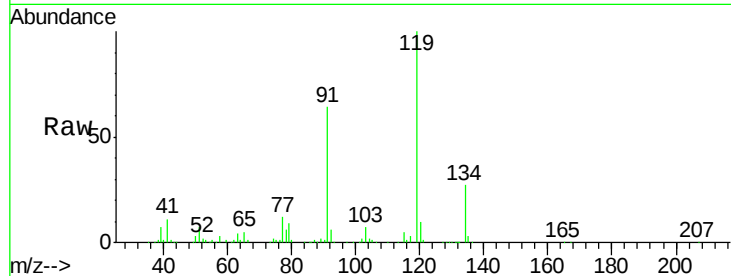




#83
tert-Butylbenzene
Concen: 52.505 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

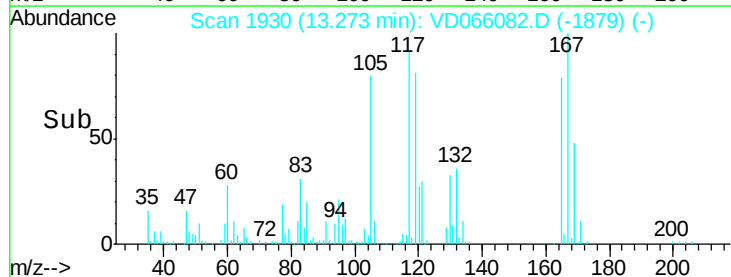
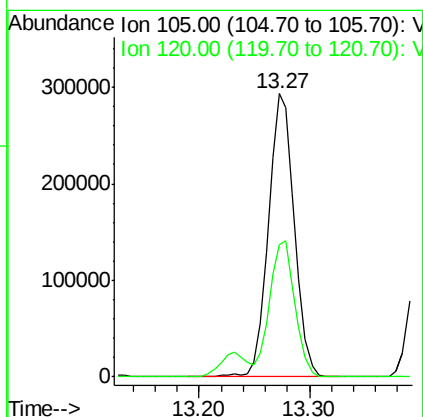
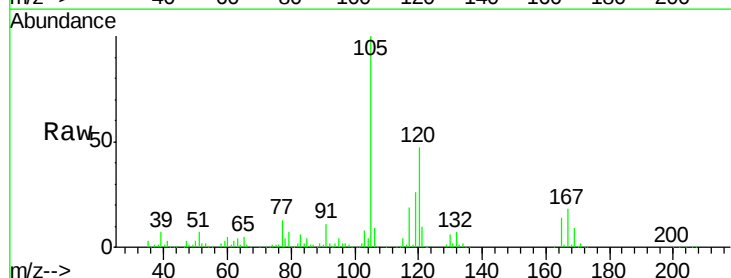
Instrument :
MSVOA_D
ClientSampleId :

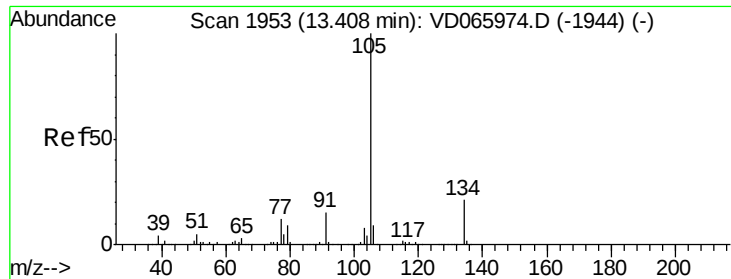
Tot Ion:119 Resp: 422547
Ion Ratio Lower Upper
119 100
91 63.6 30.6 91.6
134 27.8 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 52.739 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion:105 Resp: 478523
Ion Ratio Lower Upper
105 100
120 47.0 23.9 71.8





#85

sec-Butylbenzene

Concen: 53.463 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

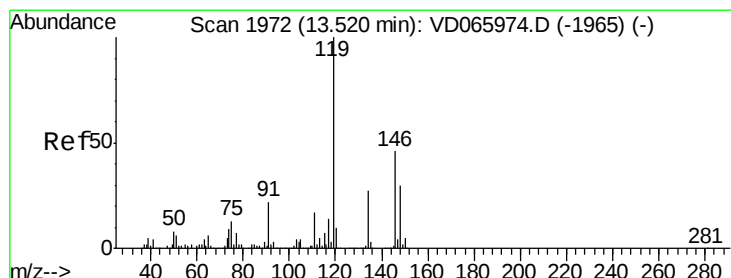
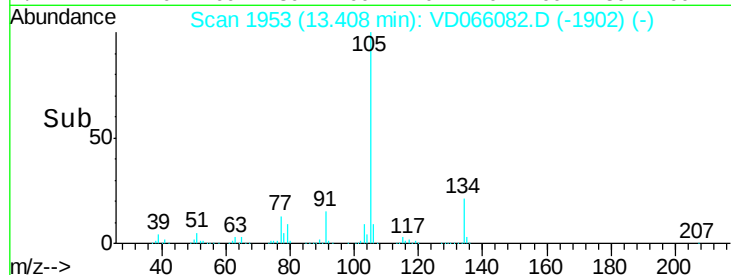
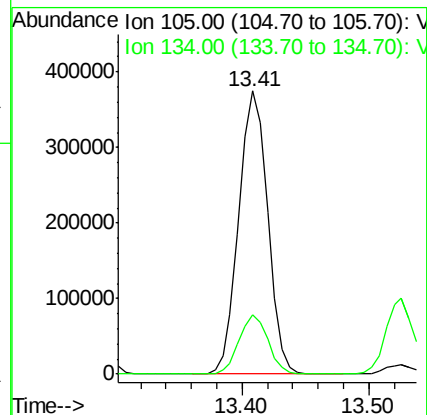
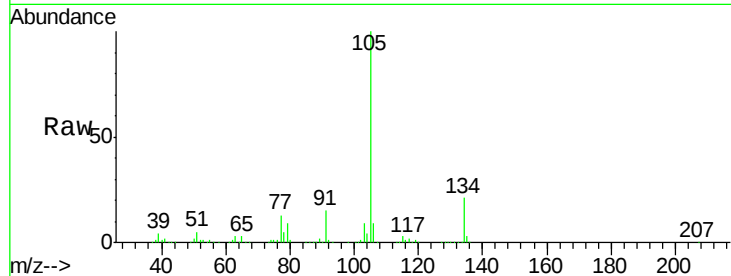
ClientSampleId :

Tot Ion:105 Resp: 592641

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



#86

p-Isopropyltoluene

Concen: 54.229 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

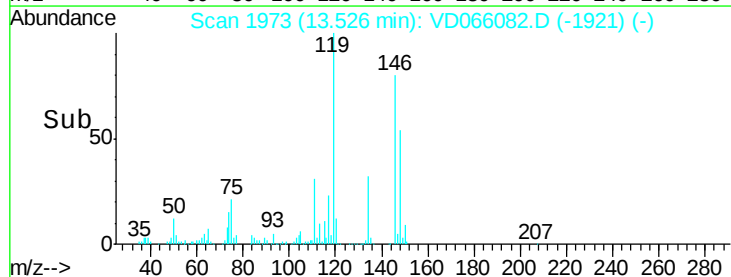
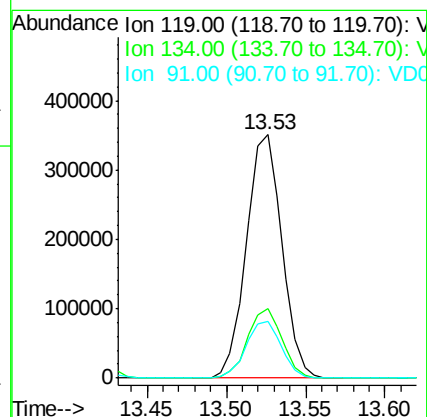
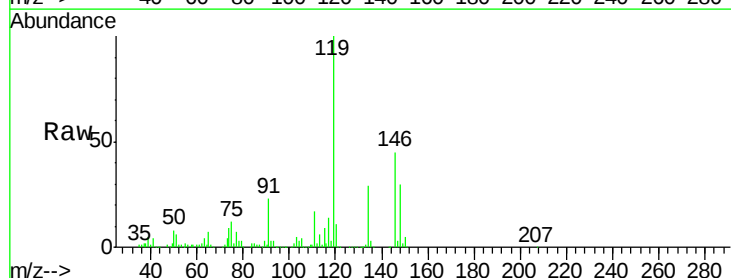
Tgt Ion:119 Resp: 546122

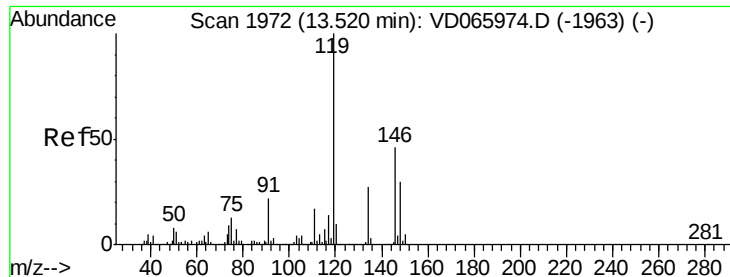
Ion Ratio Lower Upper

119 100

134 27.8 13.4 40.2

91 23.1 11.1 33.3

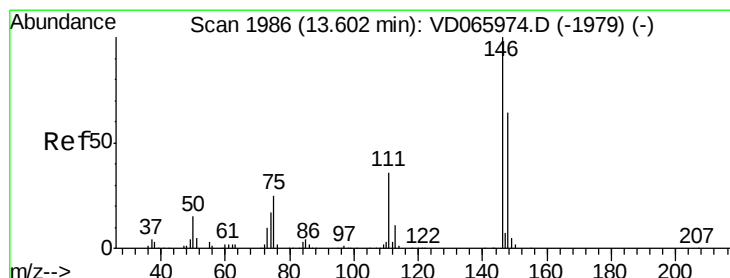
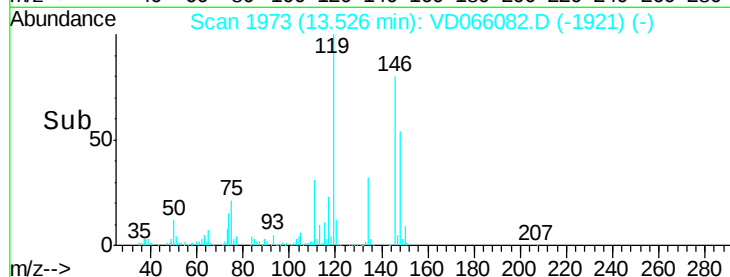
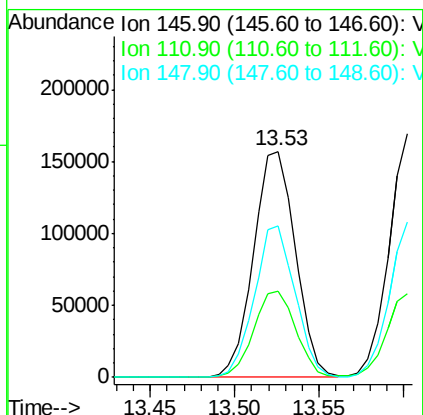
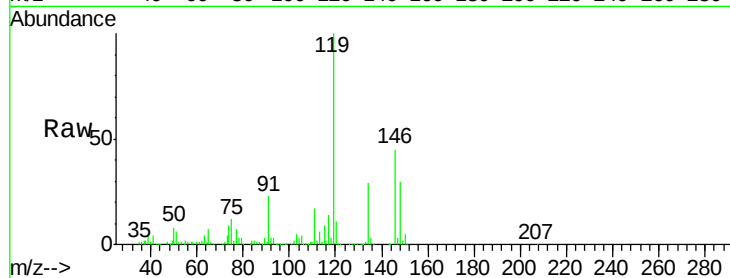




#87
 1,3-Dichlorobenzene
 Concen: 50.785 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

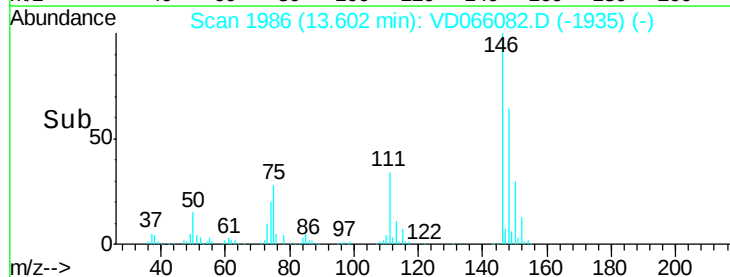
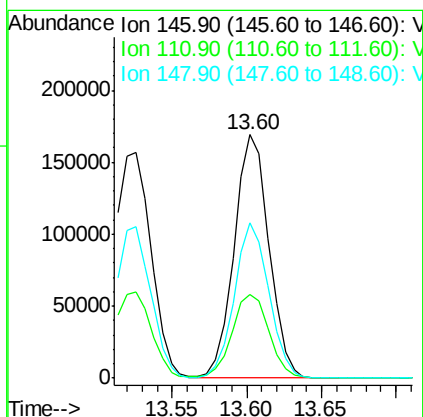
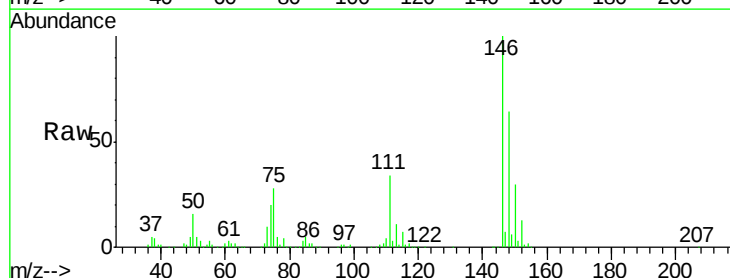
Instrument :
 MSVOA_D
 ClientSampleId :

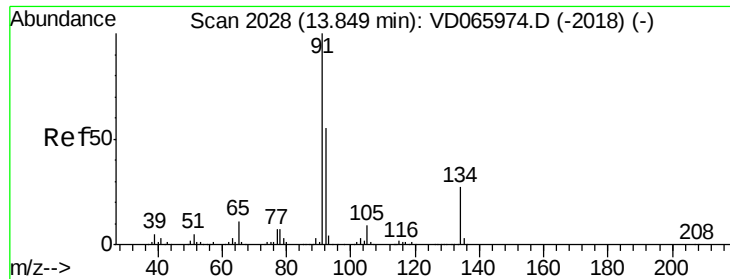
Tot Ion:146 Resp: 269740
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 55.6
 148 64.9 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 51.127 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

Tgt Ion:146 Resp: 274524
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.8 56.4
 148 63.2 32.2 96.6

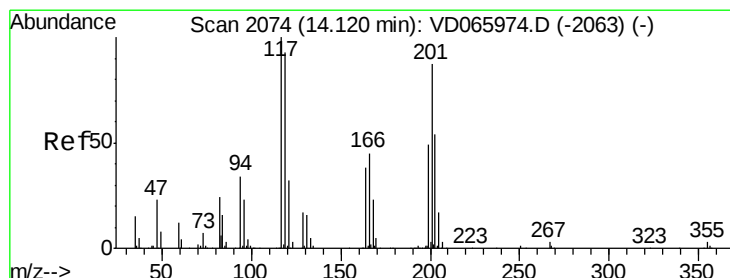
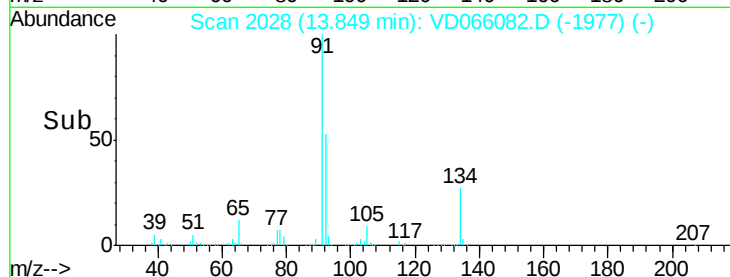
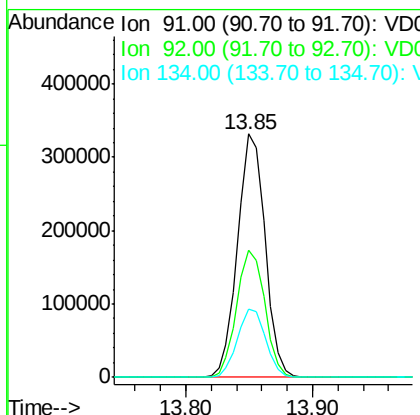
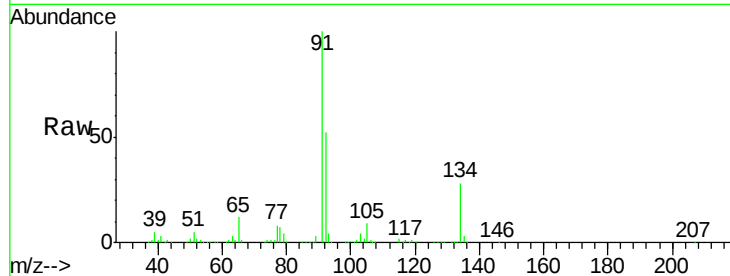




#89
n-Butylbenzene
Concen: 53.230 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

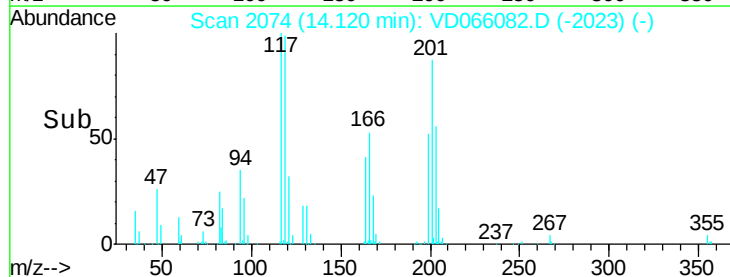
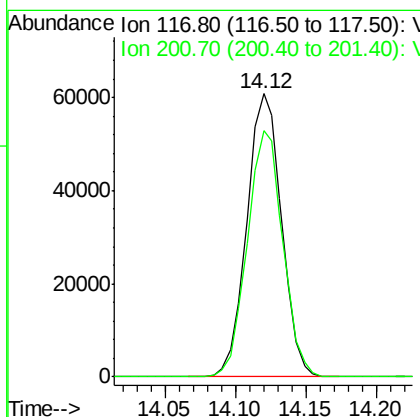
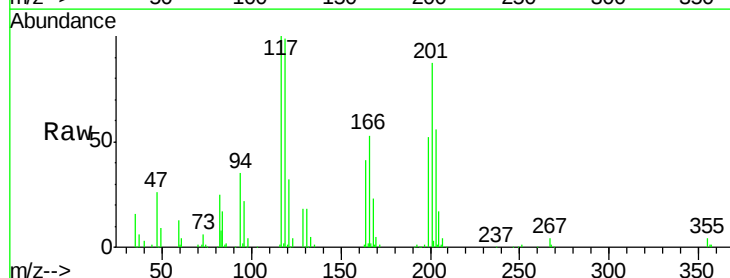
Instrument :
MSVOA_D
ClientSampled :

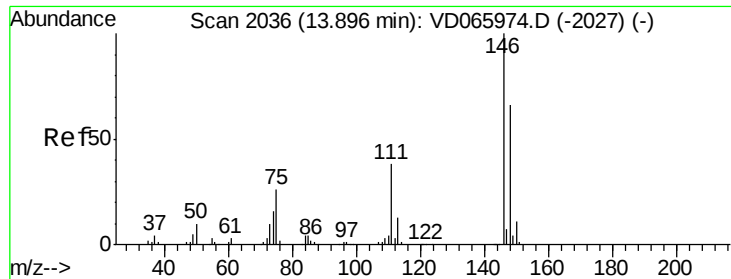
Tot Ion: 91 Resp: 498442
Ion Ratio Lower Upper
91 100
92 53.7 27.2 81.6
134 28.9 13.8 41.4



#90
Hexachloroethane
Concen: 50.337 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066082.D
Acq: 29 Jul 2020 09:50

Tgt Ion: 117 Resp: 104940
Ion Ratio Lower Upper
117 100
201 89.1 42.0 126.1

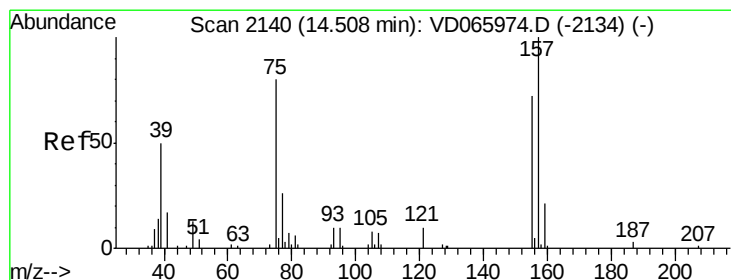
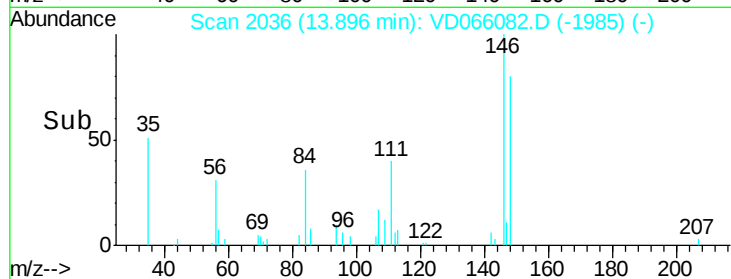
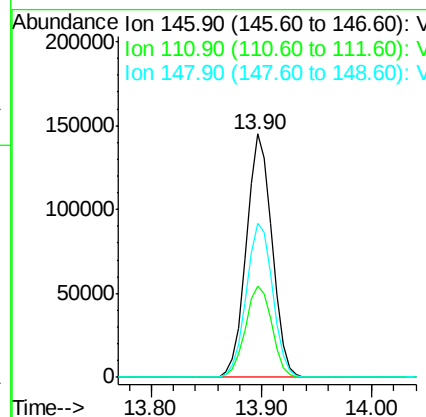
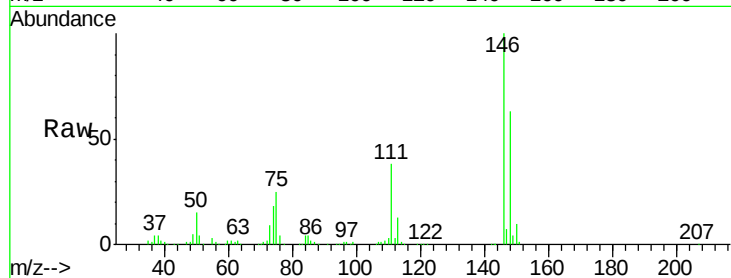




#91
 1,2-Dichlorobenzene
 Concen: 51.653 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

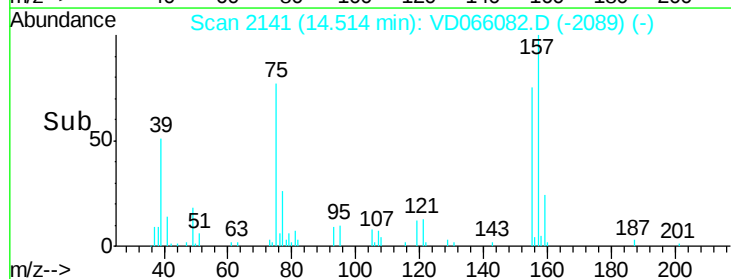
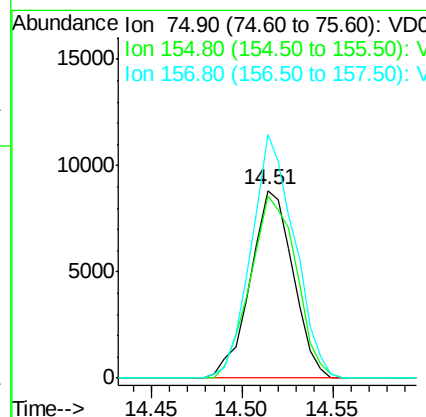
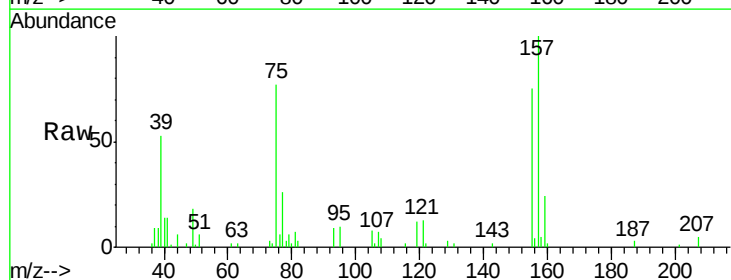
Instrument :
 MSVOA_D
 ClientSampled :

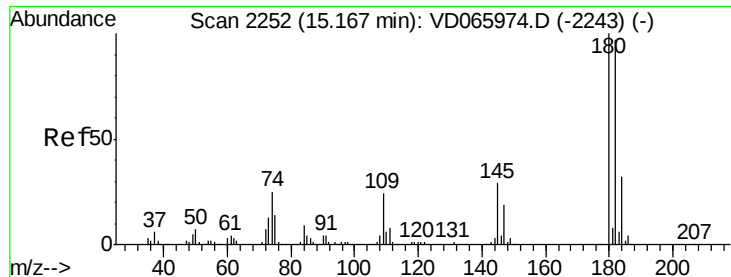
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.9
148	65.0	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.607 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.7	48.5	145.5
157	131.6	64.7	194.1

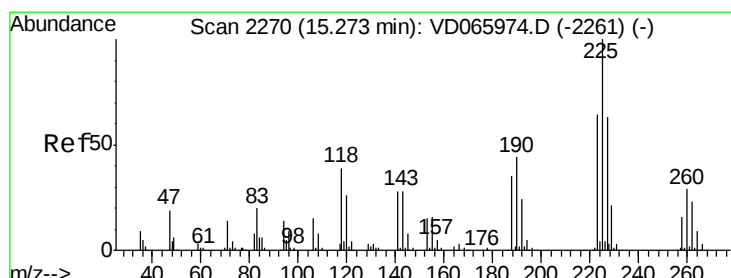
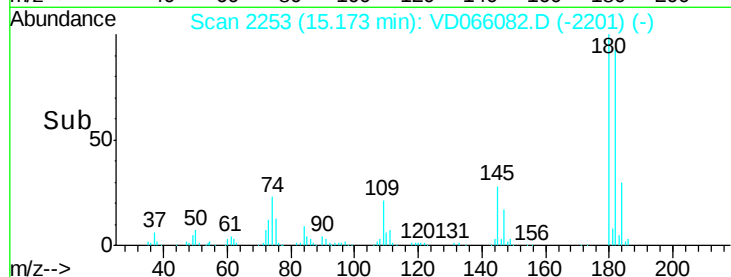
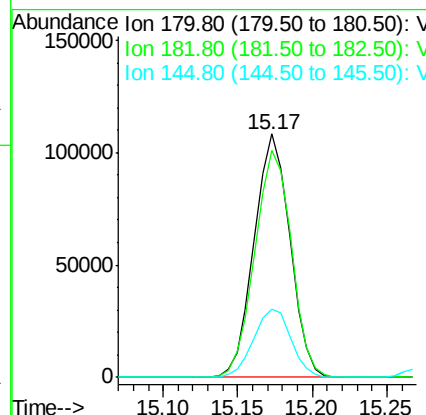
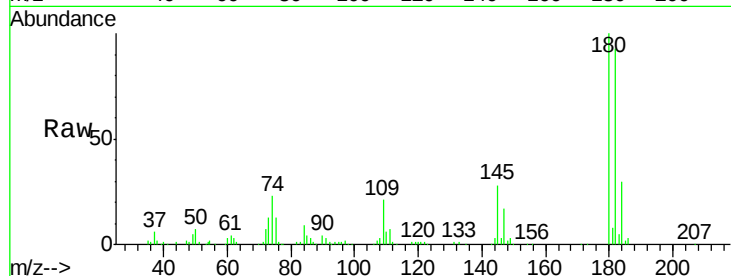




#93
 1,2,4-Trichlorobenzene
 Concen: 54.336 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

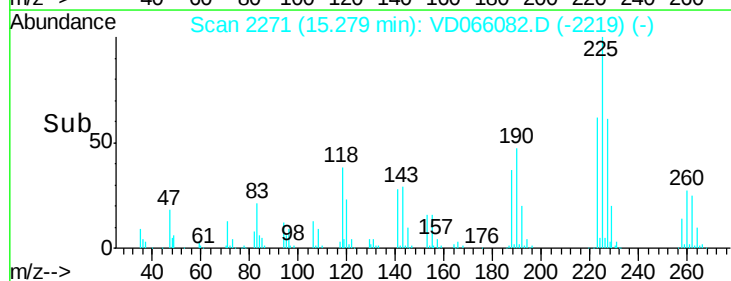
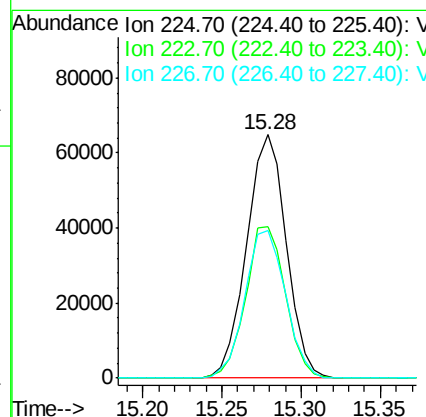
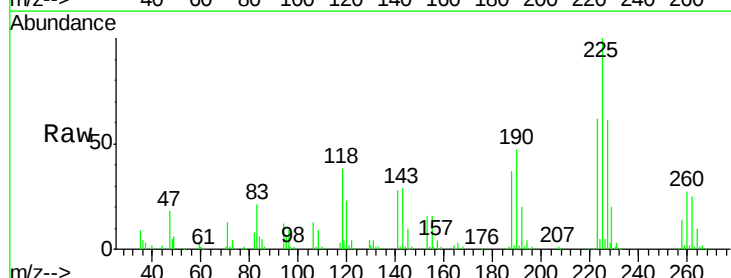
Instrument :
 MSVOA_D
 ClientSampled :

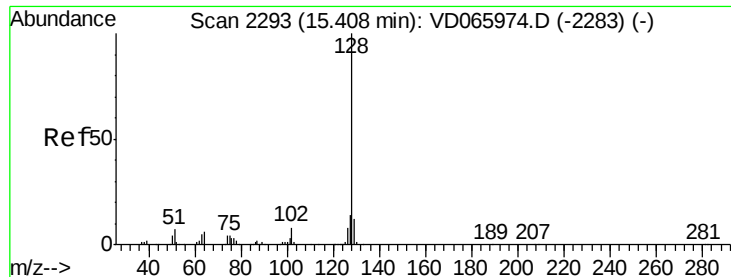
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.3
145	29.4	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 55.225 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066082.D
 Acq: 29 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.2	93.6
227	62.2	31.6	94.8





#95

Naphthalene

Concen: 48.685 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

Instrument :

MSVOA_D

ClientSampleId :

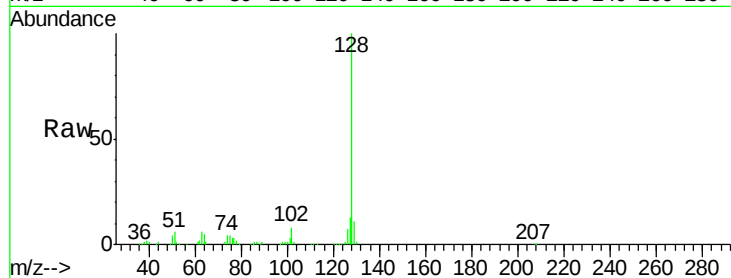
Tot Ion:128 Resp: 285433

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

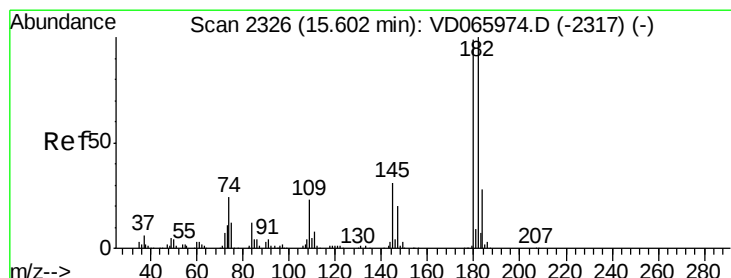
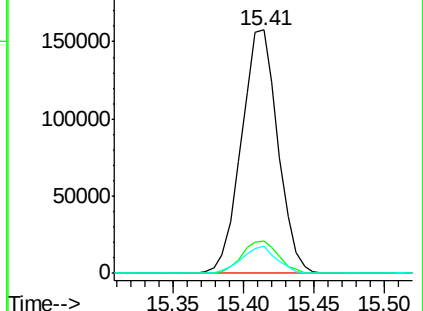
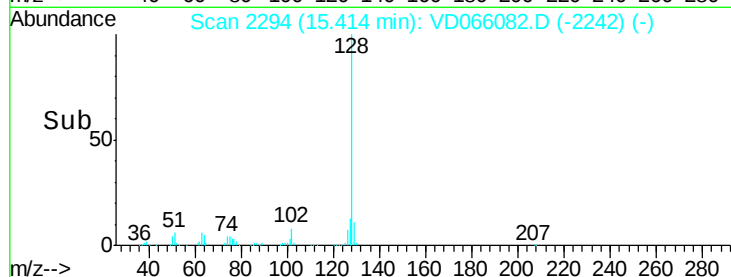
129 10.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.177 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.01 min

Lab File: VD066082.D

Acq: 29 Jul 2020 09:50

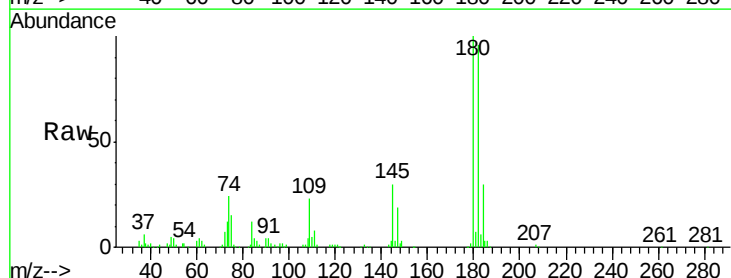
Tgt Ion:180 Resp: 152727

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.6

145 30.4 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

