

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066512.D
 Acq On : 01 Sep 2020 22:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 02 02:15:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	159608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	231513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	216588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	117662	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	94887	60.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.28%	
35) Dibromofluoromethane	7.91	113	76940	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	10.34	98	275364	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.63	95	101573	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	59815	44.082	ug/l	93
3) Chloromethane	2.20	50	42970	44.676	ug/l	96
4) Vinyl Chloride	2.35	62	49614	48.044	ug/l	92
5) Bromomethane	2.76	94	43683	56.553	ug/l	97
6) Chloroethane	2.92	64	35479	53.654	ug/l	96
7) Trichlorofluoromethane	3.27	101	148404	52.848	ug/l	100
8) Diethyl Ether	3.70	74	34231	54.406	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	4.09	101	64301	46.399	ug/l	94
10) Methyl Iodide	4.30	142	68731	43.484	ug/l	95
11) Tert butyl alcohol	5.23	59	27961	324.871	ug/l #	82
12) 1,1-Dichloroethene	4.07	96	63003	48.432	ug/l	98
13) Acrolein	3.92	56	10380	149.381	ug/l	98
14) Allyl chloride	4.71	41	80614	46.428	ug/l	86
15) Acrylonitrile	5.42	53	63557	251.769	ug/l	99
16) Acetone	4.16	43	57883	205.181	ug/l	95
17) Carbon Disulfide	4.41	76	172966	43.874	ug/l	98
18) Methyl Acetate	4.72	43	27567	52.065	ug/l	91
19) Methyl tert-butyl Ether	5.48	73	180218	57.535	ug/l	94
20) Methylene Chloride	4.96	84	78199	52.145	ug/l #	95
21) trans-1,2-Dichloroethene	5.47	96	75659	49.964	ug/l	93
22) Diisopropyl ether	6.36	45	159581	47.470	ug/l #	91
23) Vinyl Acetate	6.30	43	506455	243.357	ug/l	98
24) 1,1-Dichloroethane	6.26	63	121246	51.037	ug/l	98
25) 2-Butanone	7.21	43	73778	230.368	ug/l	94
26) 2,2-Dichloropropane	7.20	77	130925	51.419	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	85599	52.756	ug/l	99
28) Bromochloromethane	7.54	49	38795	47.408	ug/l	87
29) Tetrahydrofuran	7.56	42	43649	239.956	ug/l	91
30) Chloroform	7.71	83	154555	56.230	ug/l	97
31) Cyclohexane	7.98	56	87446	40.247	ug/l #	85
32) 1,1,1-Trichloroethane	7.90	97	160185	56.943	ug/l	99
36) 1,1-Dichloropropene	8.11	75	102056	48.313	ug/l	98
37) Ethyl Acetate	7.30	43	32975	45.897	ug/l #	95
38) Carbon Tetrachloride	8.09	117	152509	55.415	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.35	83	115779	46.528	ug/l	96
40) Benzene	8.34	78	282009	50.748	ug/l	100
41) Methacrylonitrile	7.52	41	20064	45.285	ug/l #	96
42) 1,2-Dichloroethane	8.42	62	119735	61.176	ug/l	99
43) Isopropyl Acetate	8.45	43	72298	50.135	ug/l	98
44) Trichloroethene	9.11	130	94855	52.531	ug/l	96
45) 1,2-Dichloropropane	9.38	63	58750	46.634	ug/l	98
46) Dibromomethane	9.47	93	41952	53.484	ug/l	95
47) Bromodichloromethane	9.66	83	122311	56.701	ug/l	96
48) Methyl methacrylate	9.45	41	40501	54.465	ug/l	86
49) 1,4-Dioxane	9.46	88	9205	1010.648	ug/l #	86
51) 4-Methyl-2-Pentanone	10.23	43	180941	259.373	ug/l	98
52) Toluene	10.40	92	199945	53.107	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	109741	53.615	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	117389	51.094	ug/l	90
55) 1,1,2-Trichloroethane	10.80	97	53773	50.639	ug/l	97
56) Ethyl methacrylate	10.66	69	68872	56.027	ug/l	94
57) 1,3-Dichloropropane	10.94	76	93454	53.206	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	123818	242.521	ug/l	91
59) 2-Hexanone	10.98	43	124568	253.151	ug/l	99
60) Dibromochloromethane	11.14	129	90538	56.564	ug/l	98
61) 1,2-Dibromoethane	11.24	107	56060	53.646	ug/l	99
64) Tetrachloroethene	10.87	164	88306	53.746	ug/l	96
65) Chlorobenzene	11.67	112	228198	52.958	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	96851	54.999	ug/l	99
67) Ethyl Benzene	11.74	91	402800	53.105	ug/l	97
68) m/p-Xylenes	11.85	106	303623	105.022	ug/l	96
69) o-Xylene	12.18	106	145530	54.110	ug/l	100
70) Styrene	12.20	104	250504	54.244	ug/l	97
71) Bromoform	12.36	173	56413	56.465	ug/l #	98
73) Isopropylbenzene	12.48	105	410150	52.036	ug/l	98
74) N-amyl acetate	12.28	43	68263	47.951	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	52579	46.696	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	46124m	55.722	ug/l	
77) Bromobenzene	12.76	156	105655	52.812	ug/l	98
78) n-propylbenzene	12.82	91	437238	48.380	ug/l	97
79) 2-Chlorotoluene	12.91	91	258371	50.055	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	353049	51.877	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	18298	46.923	ug/l	87
82) 4-Chlorotoluene	13.01	91	273956	50.095	ug/l	98
83) tert-Butylbenzene	13.23	119	306419	51.837	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	353937	52.950	ug/l	98
85) sec-Butylbenzene	13.40	105	383257	49.486	ug/l	98
86) p-Isopropyltoluene	13.52	119	385789	51.660	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	192590	51.572	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	189252	50.472	ug/l	98
89) n-Butylbenzene	13.84	91	319208	48.438	ug/l	98
90) Hexachloroethane	14.11	117	72035	48.830	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	170054	52.897	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13200	55.895	ug/l	90

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QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

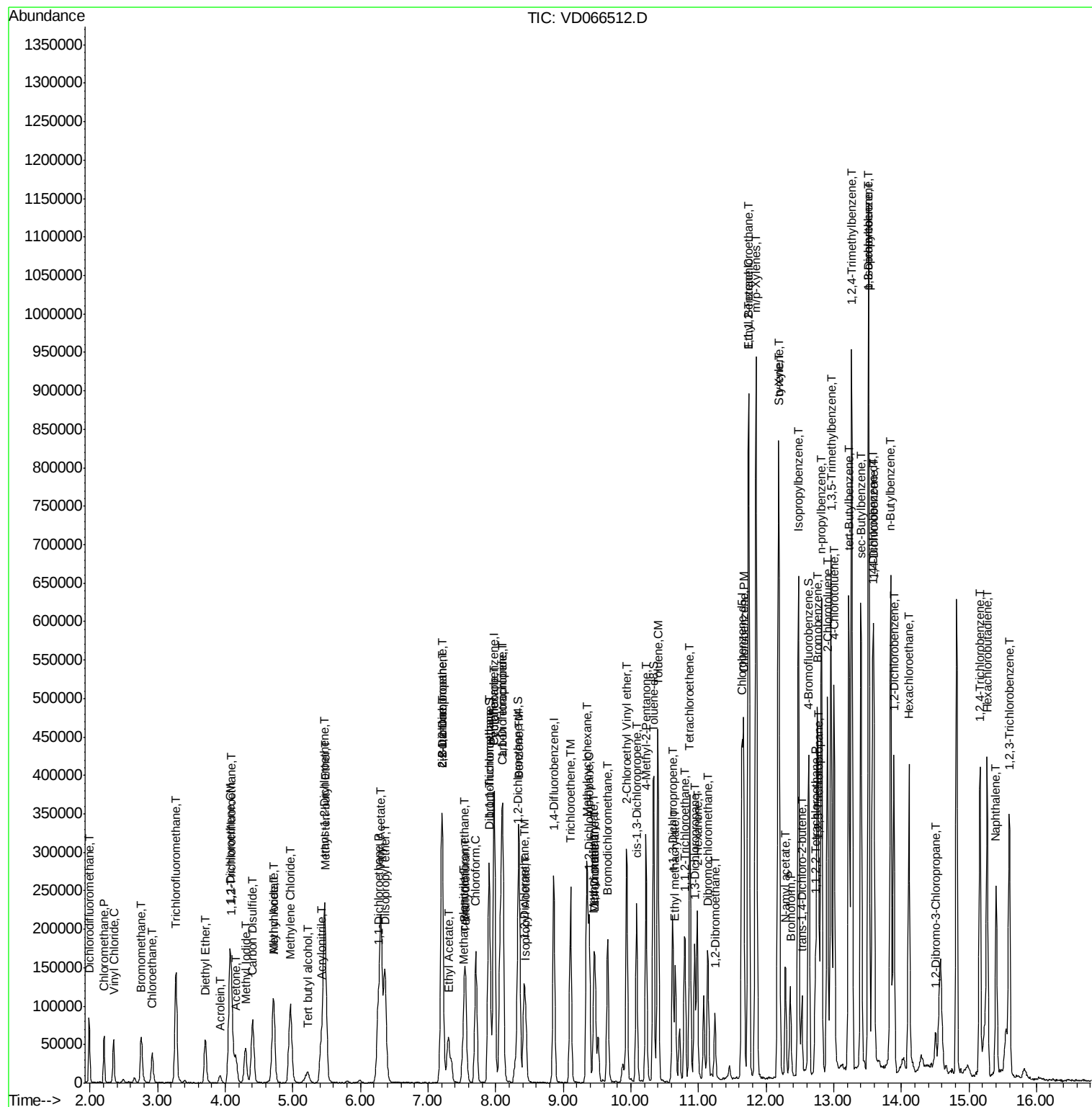
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	134468	53.578	ug/l	99
94) Hexachlorobutadiene	15.27	225	79528	50.990	ug/l	99
95) Naphthalene	15.40	128	224725	57.009	ug/l	97
96) 1,2,3-Trichlorobenzene	15.60	180	116199	54.047	ug/l	87

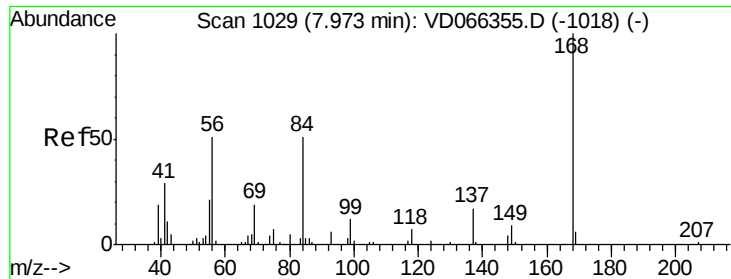
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

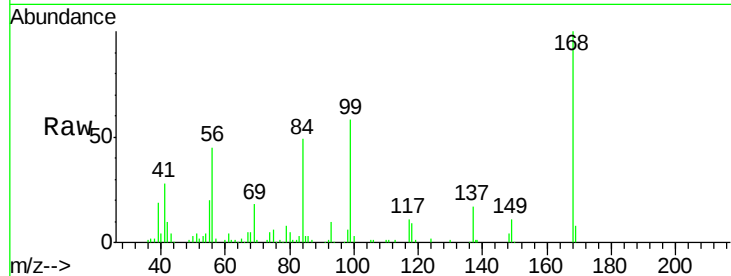
VSTDCCC050EC

Tot Ion:168 Resp: 159608

Ion Ratio Lower Upper

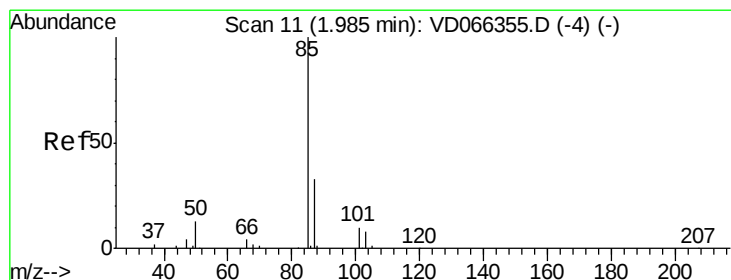
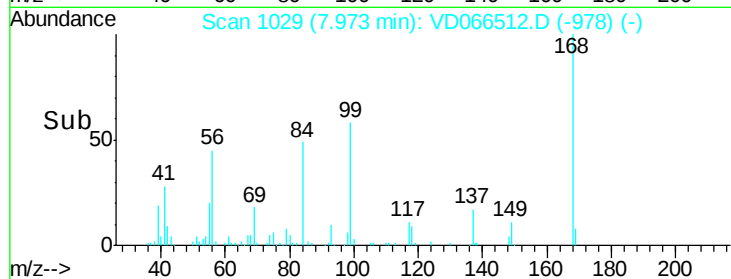
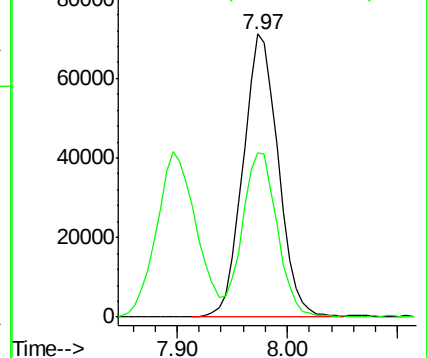
168 100

99 57.8 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 44.082 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066512.D

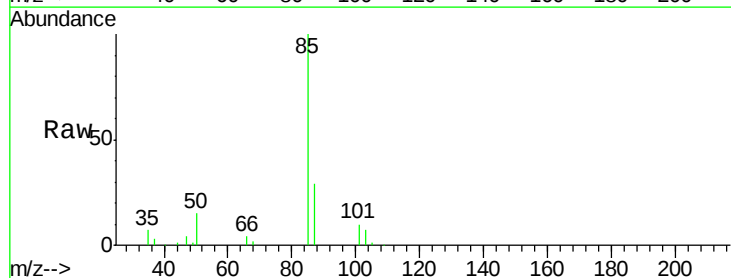
Acq: 01 Sep 2020 22:36

Tgt Ion: 85 Resp: 59815

Ion Ratio Lower Upper

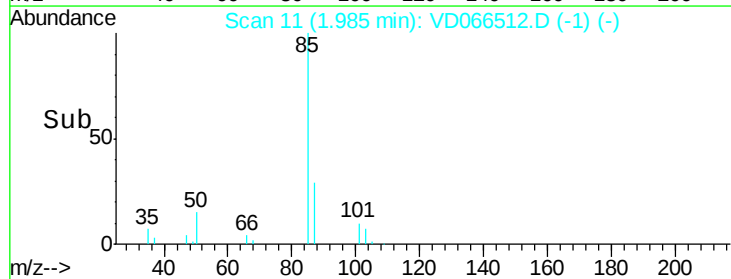
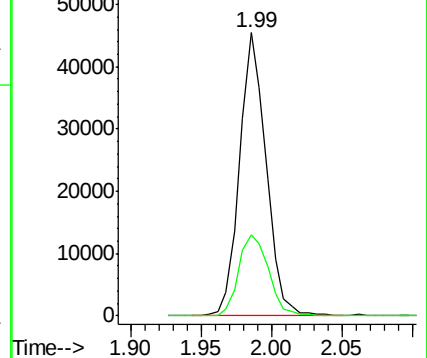
85 100

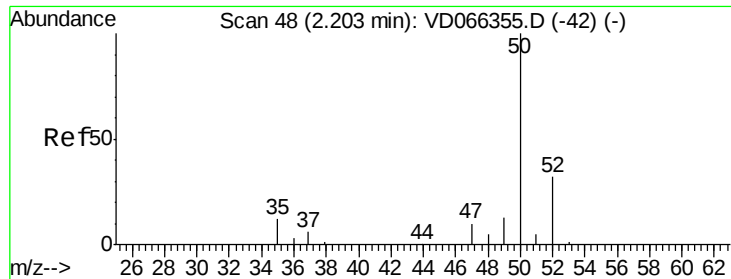
87 28.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.676 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

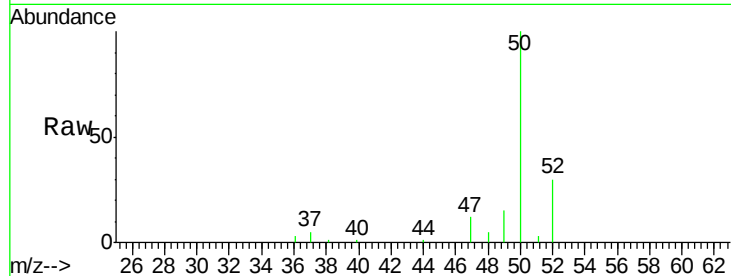
VSTDCCC050EC

Tot Ion: 50 Resp: 42970

Ion Ratio Lower Upper

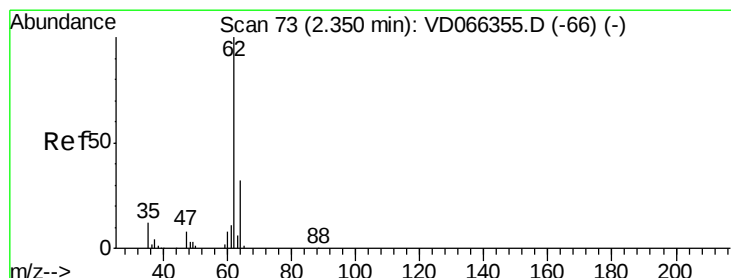
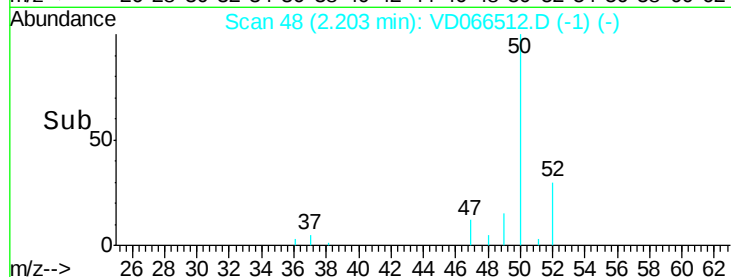
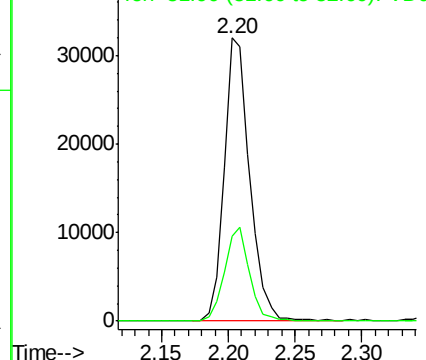
50 100

52 29.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.044 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066512.D

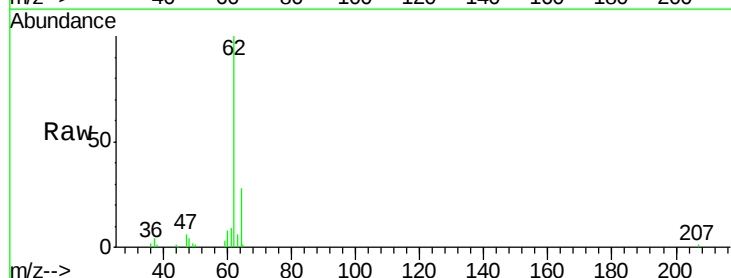
Acq: 01 Sep 2020 22:36

Tgt Ion: 62 Resp: 49614

Ion Ratio Lower Upper

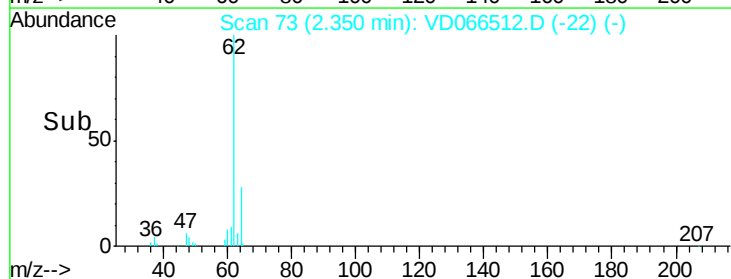
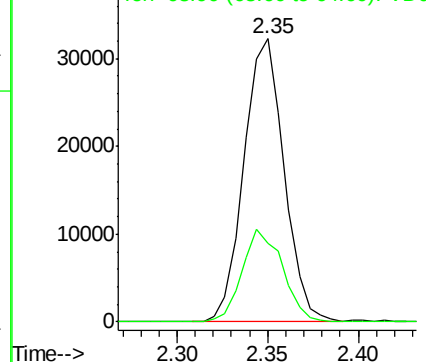
62 100

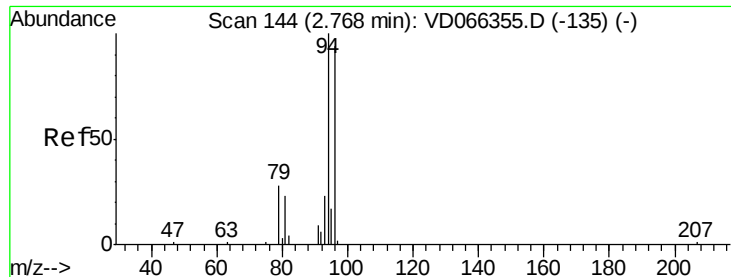
64 27.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 56.553 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

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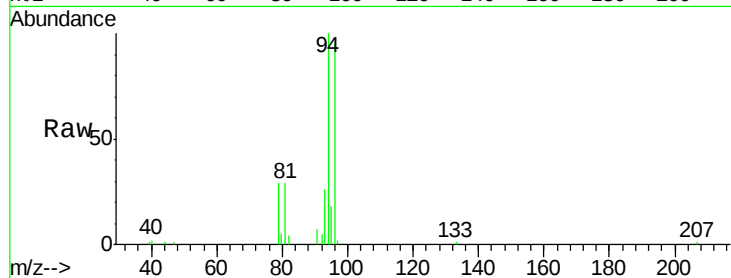
VSTDCCC050EC

Tot Ion: 94 Resp: 43683

Ion Ratio Lower Upper

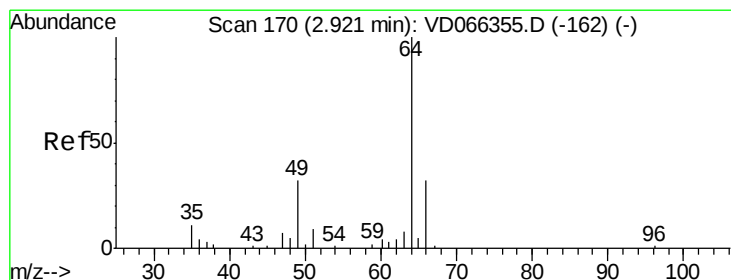
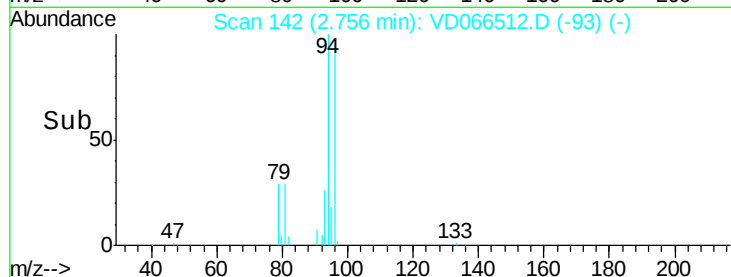
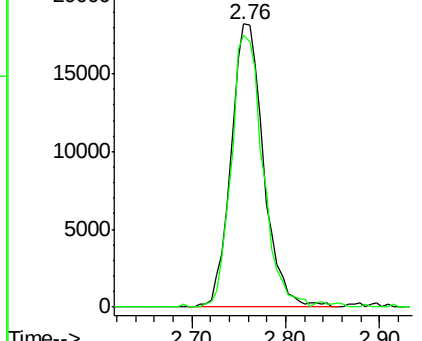
94 100

96 96.3 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 53.654 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066512.D

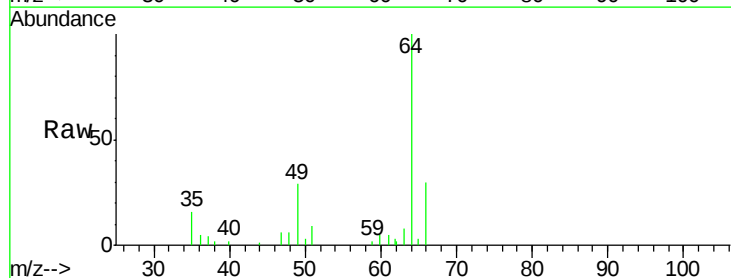
Acq: 01 Sep 2020 22:36

Tgt Ion: 64 Resp: 35479

Ion Ratio Lower Upper

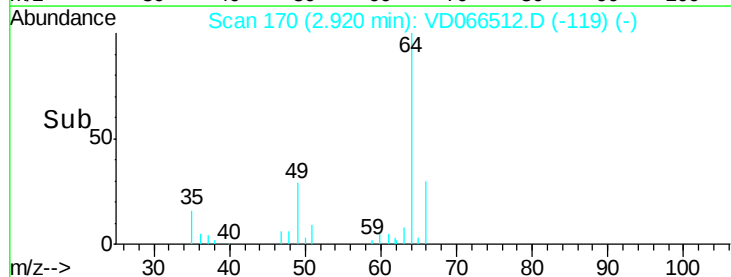
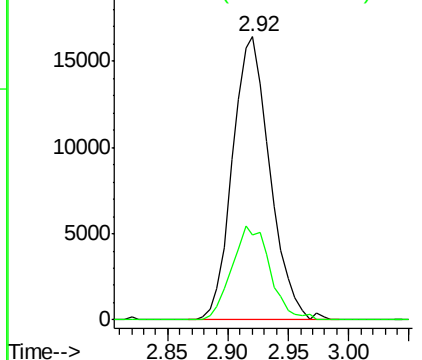
64 100

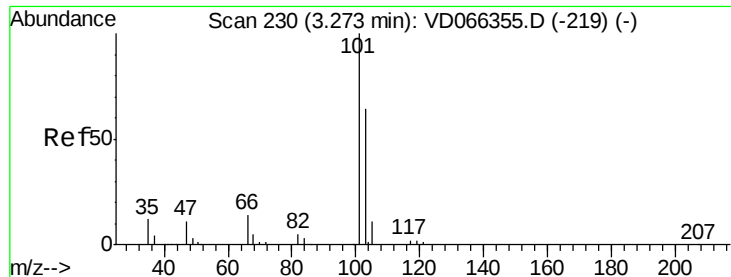
66 30.1 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



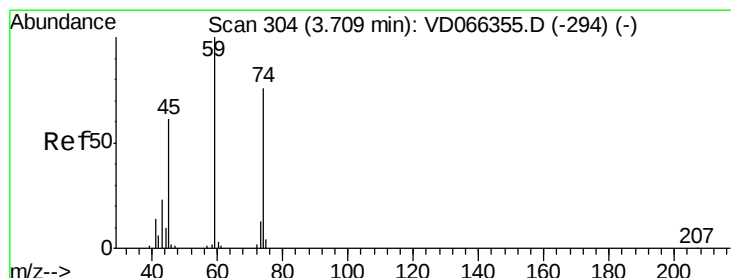
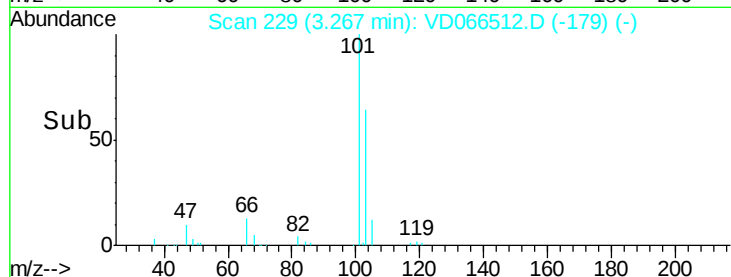
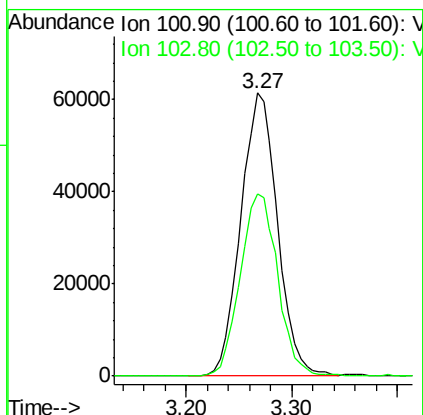
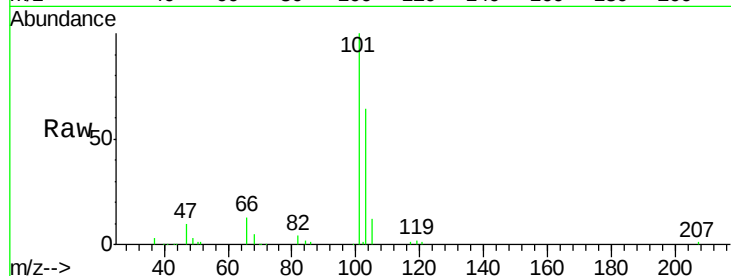


#7

Trichlorofluoromethane
 Concen: 52.848 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

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 MSVOA_D
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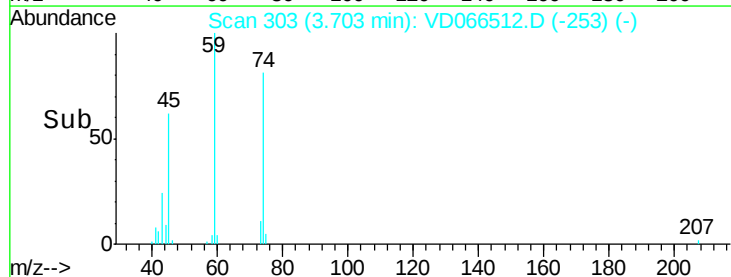
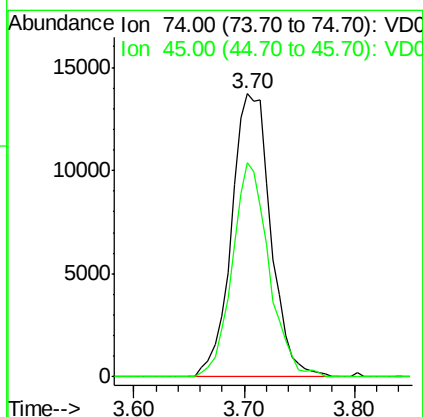
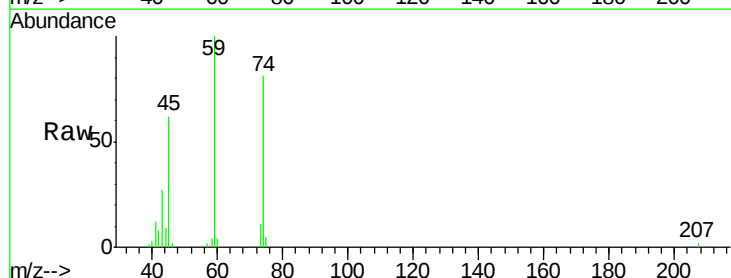
Tot Ion:101 Resp: 148404
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.0

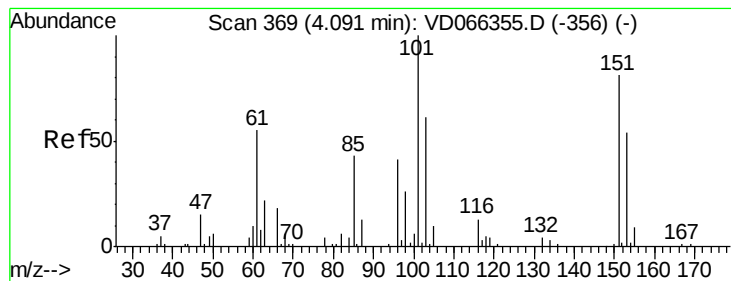


#8

Diethyl Ether
 Concen: 54.406 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

Tgt Ion: 74 Resp: 34231
 Ion Ratio Lower Upper
 74 100
 45 70.5 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.399 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

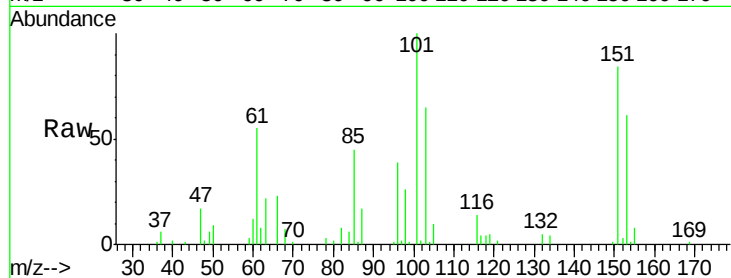
Tot Ion:101 Resp: 64301

Ion Ratio Lower Upper

101 100

85 49.6 36.4 54.6

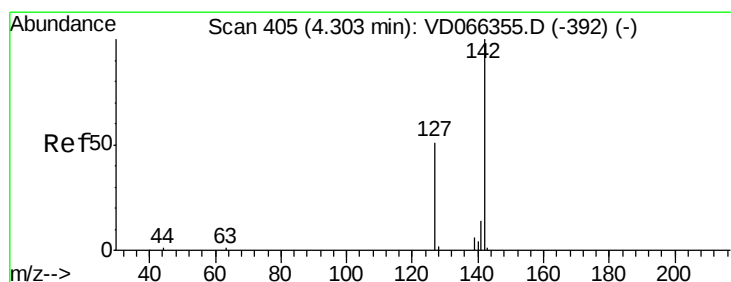
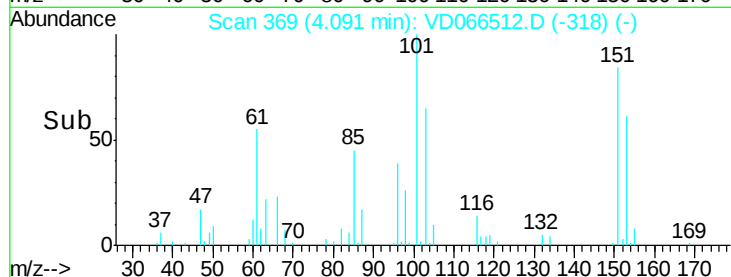
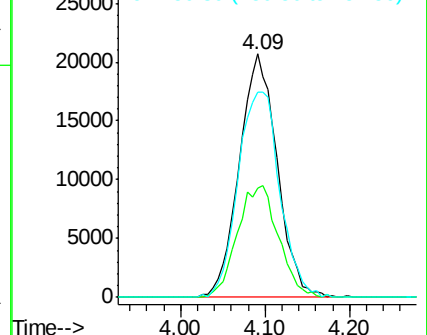
151 93.1 70.5 105.7



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: 43.484 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

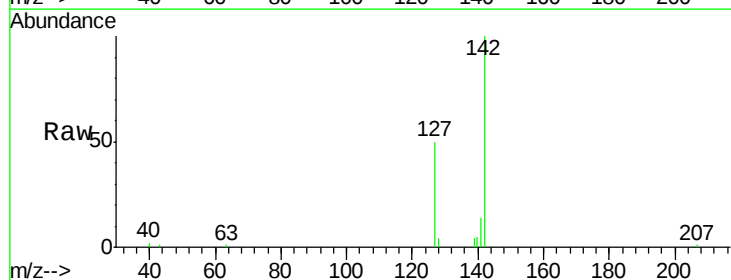
Tgt Ion:142 Resp: 68731

Ion Ratio Lower Upper

142 100

127 56.9 41.8 62.8

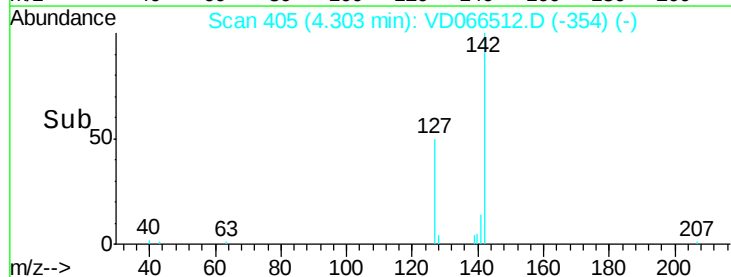
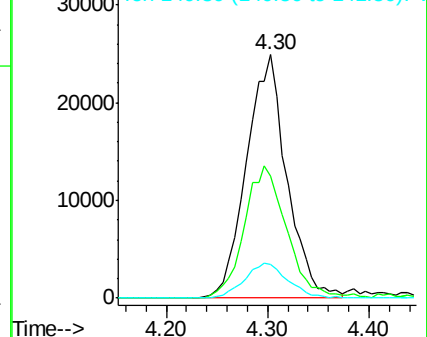
141 15.4 11.8 17.6

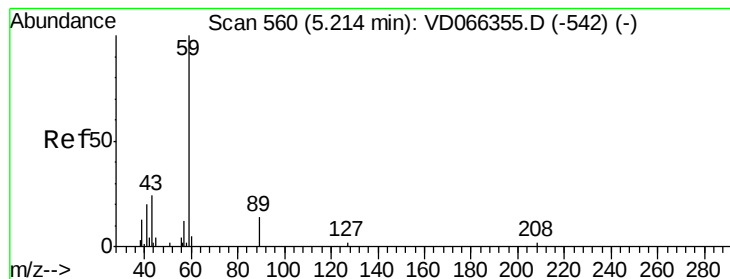


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 324.871 ug/l

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

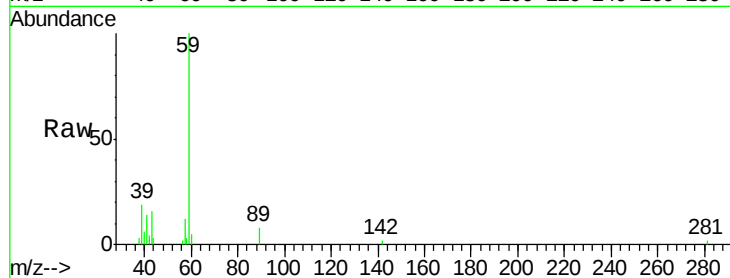
VSTDCCC050EC

Tot Ion: 59 Resp: 27961

Ion Ratio Lower Upper

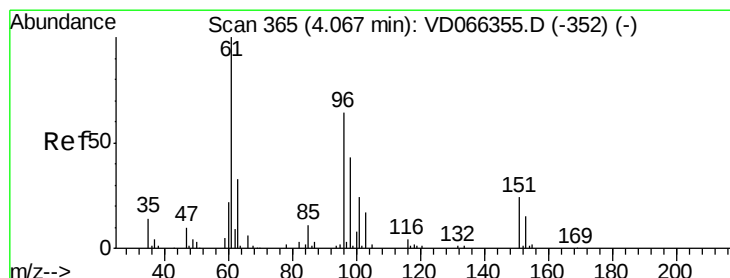
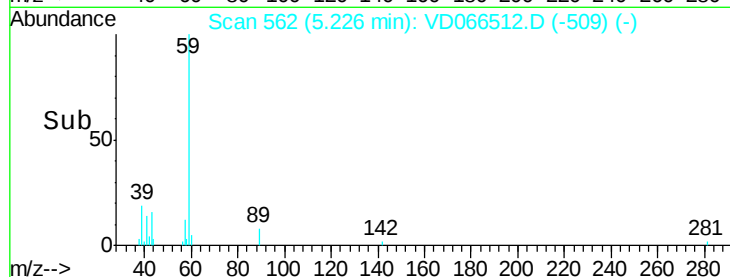
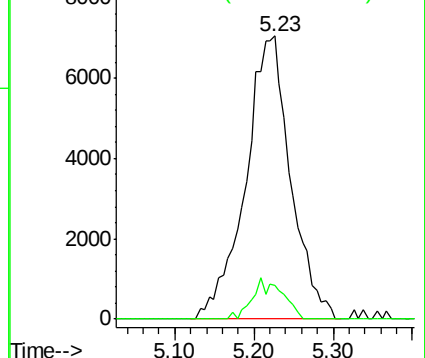
59 100

57 4.4 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 48.432 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

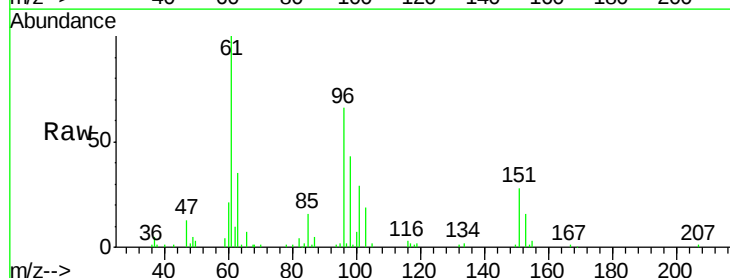
Tgt Ion: 96 Resp: 63003

Ion Ratio Lower Upper

96 100

61 152.4 124.3 186.5

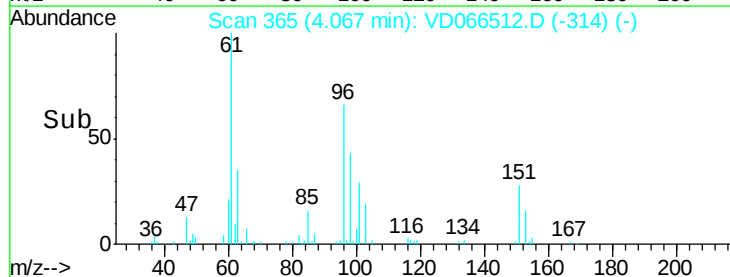
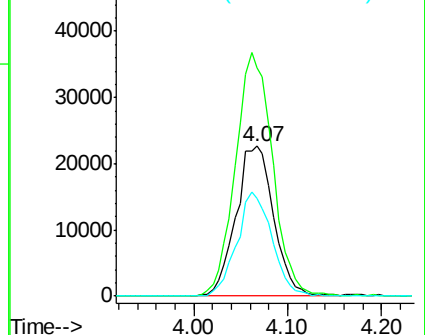
98 65.2 53.2 79.8

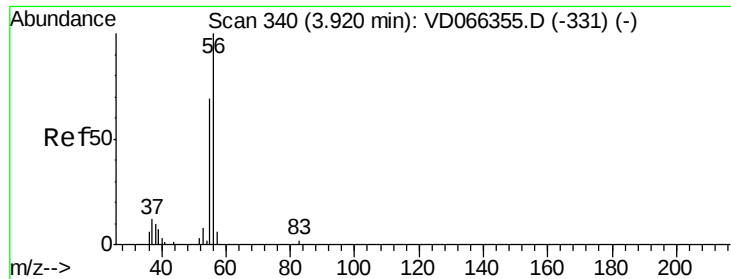


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 149.381 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

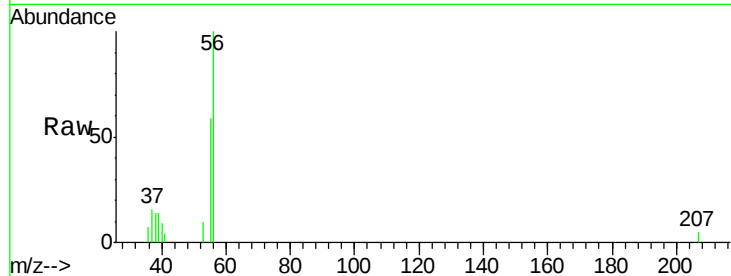
VSTDCCC050EC

Tot Ion: 56 Resp: 10380

Ion Ratio Lower Upper

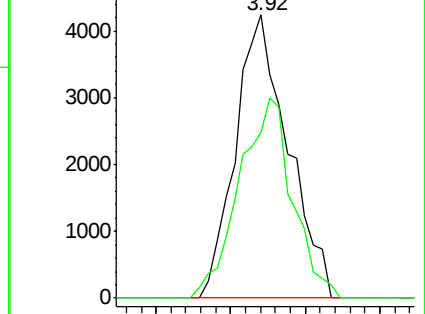
56 100

55 71.2 55.5 83.3

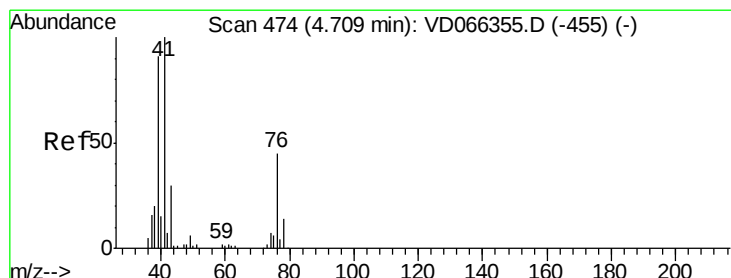
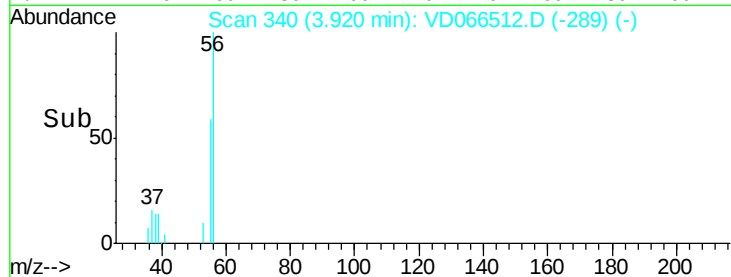


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



Time-->



#14

Allyl chloride

Concen: 46.428 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

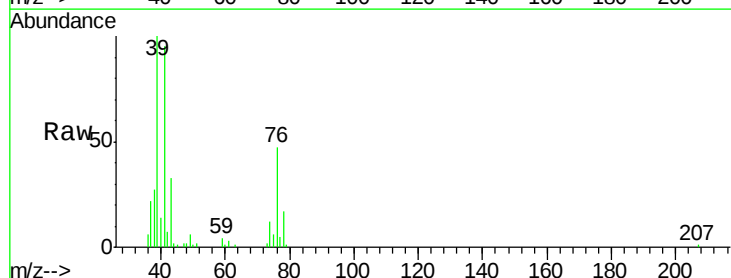
Tgt Ion: 41 Resp: 80614

Ion Ratio Lower Upper

41 100

39 106.0 72.8 109.2

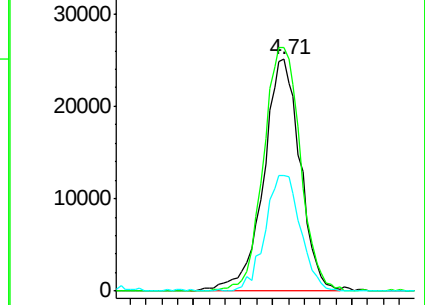
76 48.3 34.0 51.0



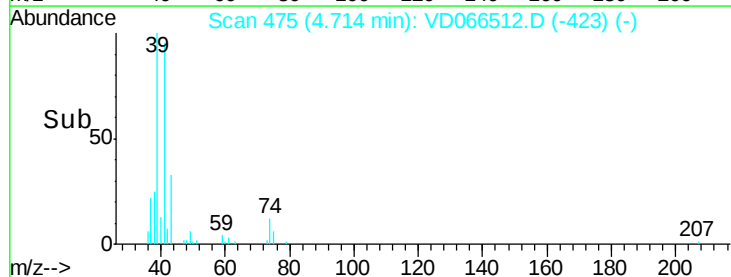
Abundance Ion 41.00 (40.70 to 41.70): VDC

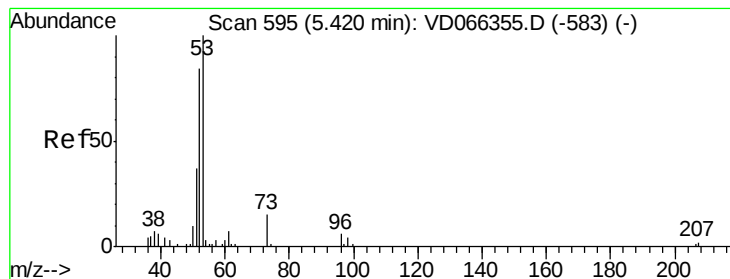
Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC



Time-->





#15

Acrylonitrile

Concen: 251.769 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

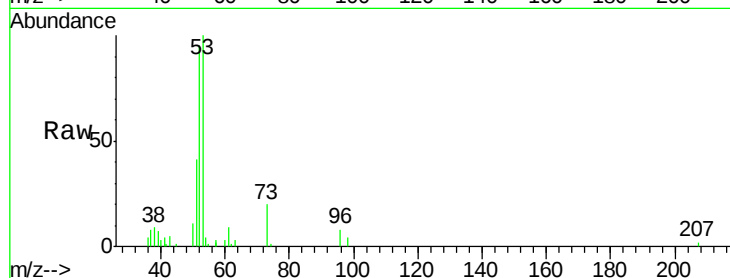
Tot Ion: 53 Resp: 63557

Ion Ratio Lower Upper

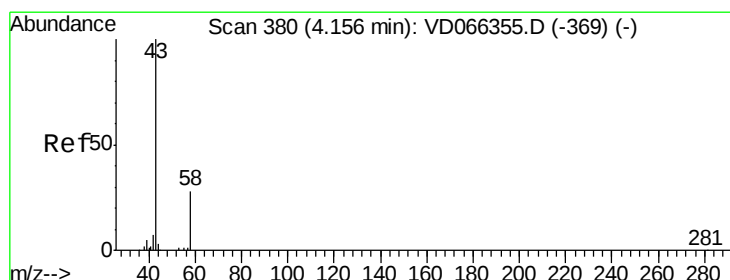
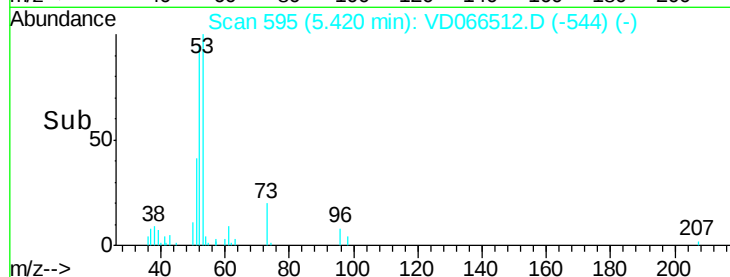
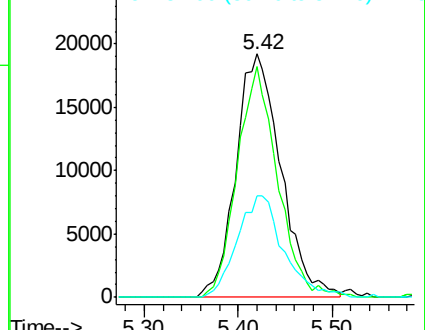
53 100

52 85.3 68.1 102.1

51 43.4 33.8 50.6



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: 205.181 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066512.D

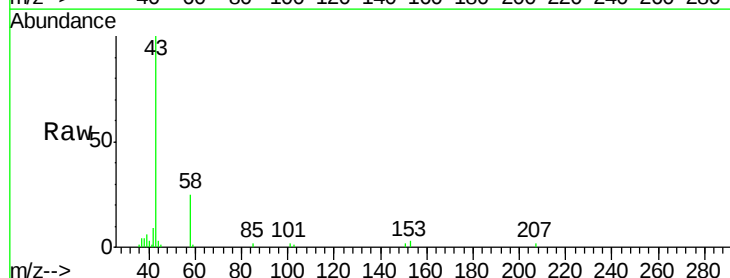
Acq: 01 Sep 2020 22:36

Tgt Ion: 43 Resp: 57883

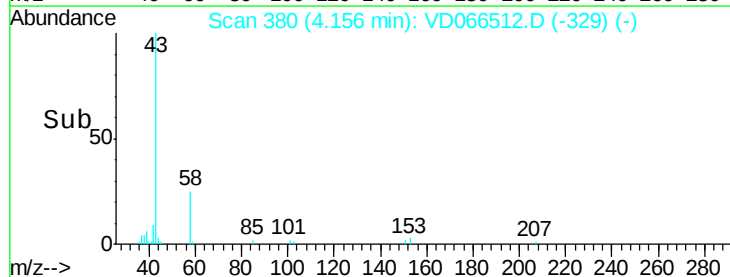
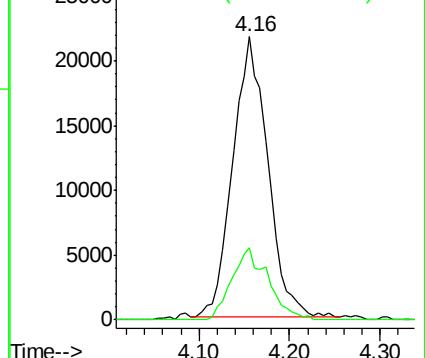
Ion Ratio Lower Upper

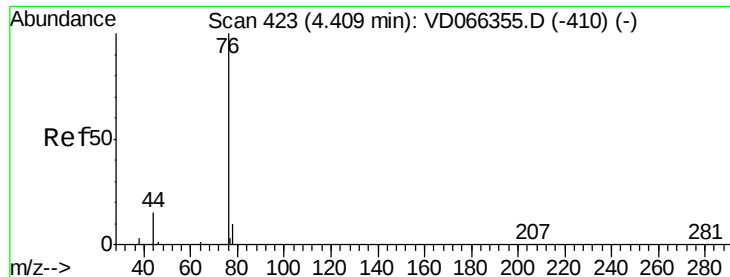
43 100

58 25.6 22.7 34.1



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

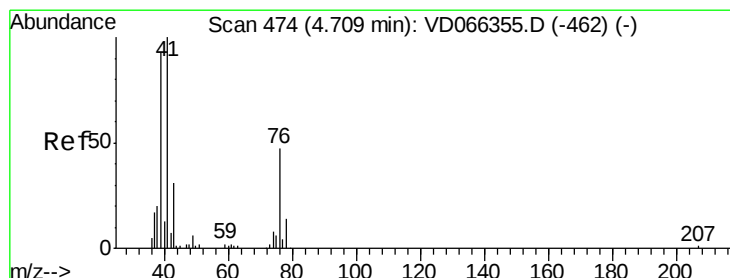
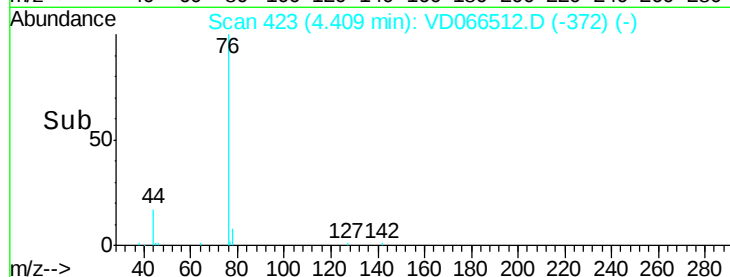
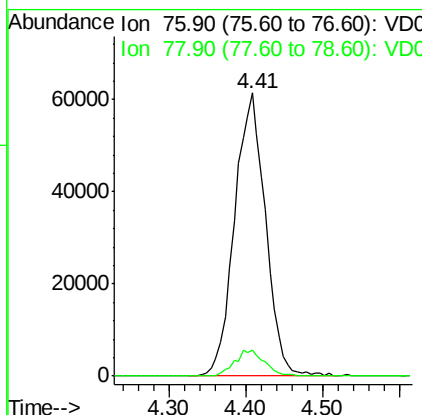
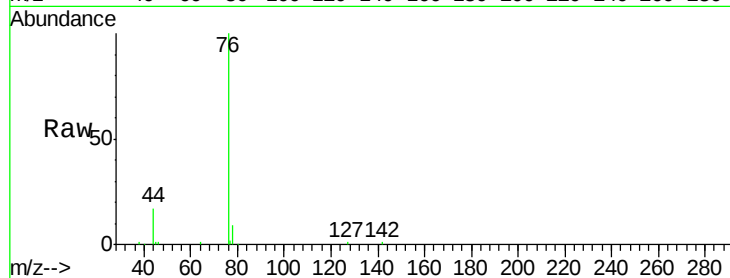




#17
Carbon Disulfide
Concen: 43.874 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

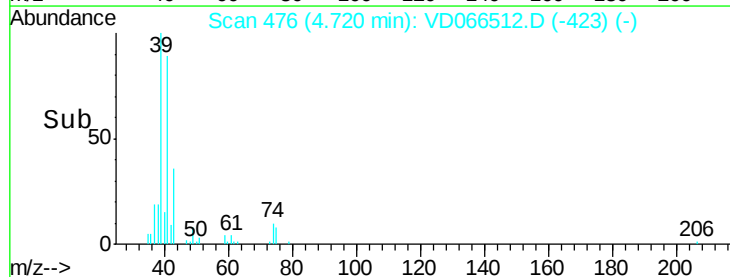
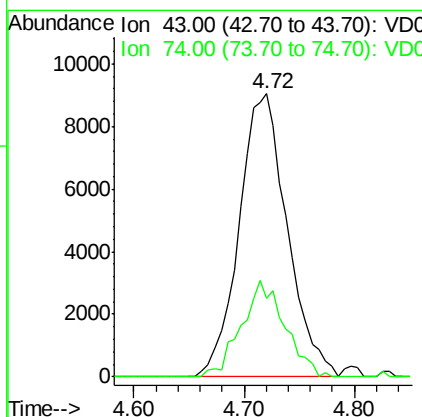
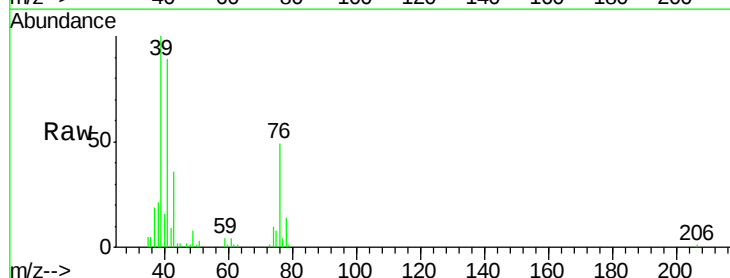
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

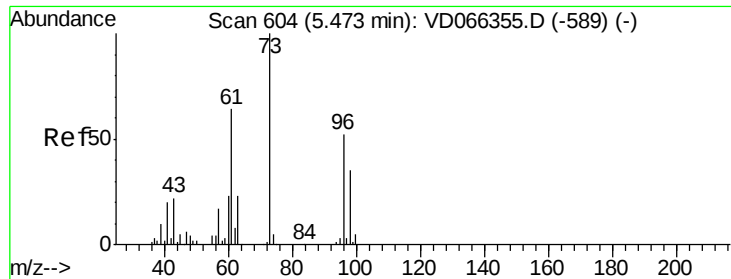
Tot Ion: 76 Resp: 172966
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5



#18
Methyl Acetate
Concen: 52.065 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion: 43 Resp: 27567
Ion Ratio Lower Upper
43 100
74 30.8 21.0 31.6

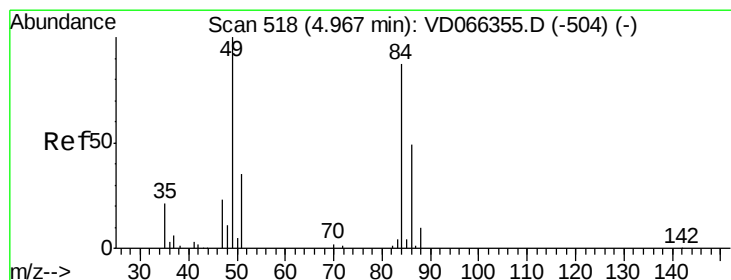
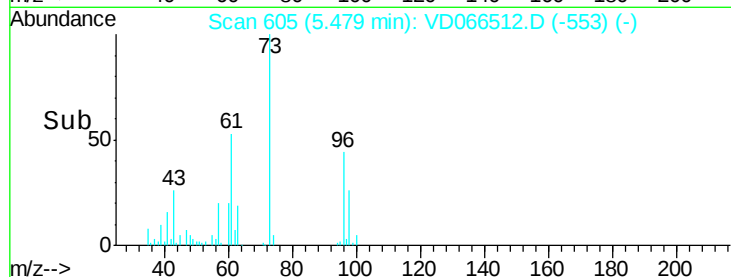
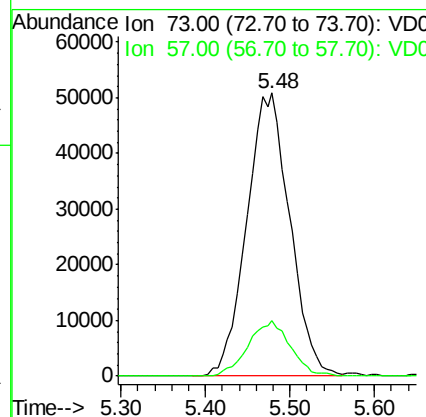
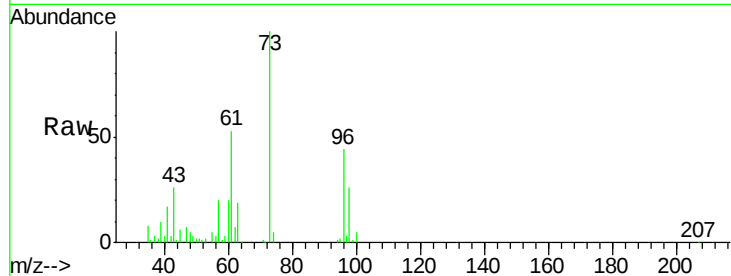




#19
Methvl tert-butvl Ether
Concen: 57.535 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

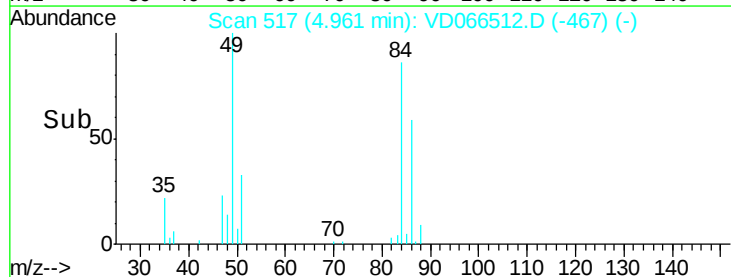
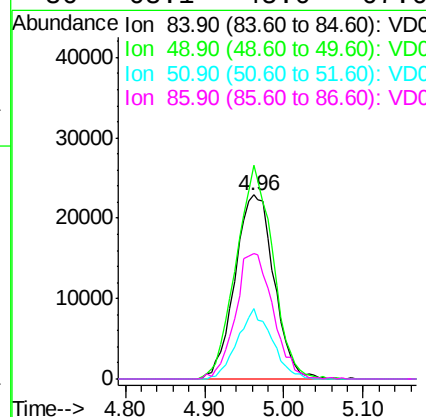
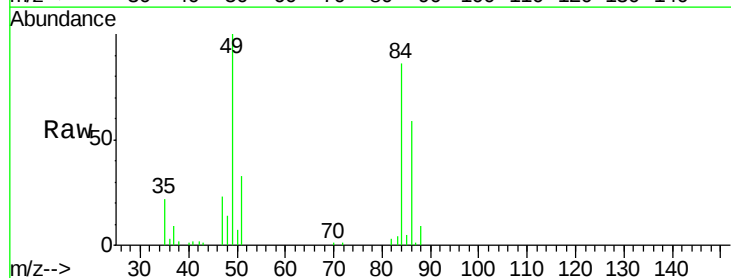
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

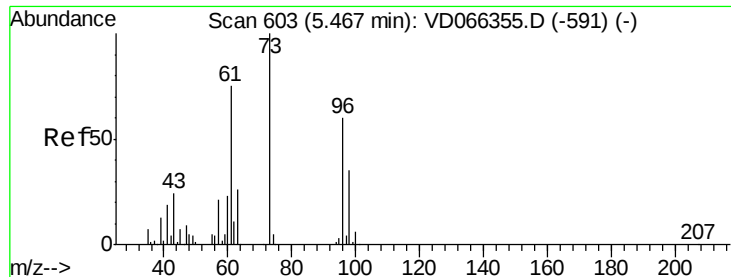
Tot Ion: 73 Resp: 180218
Ion Ratio Lower Upper
73 100
57 19.8 13.8 20.6



#20
Methylene Chloride
Concen: 52.145 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion: 84 Resp: 78199
Ion Ratio Lower Upper
84 100
49 116.2 92.5 138.7
51 38.6 32.5 48.7
86 68.1 45.0 67.6#





#21

trans-1,2-Dichloroethene

Concen: 49.964 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

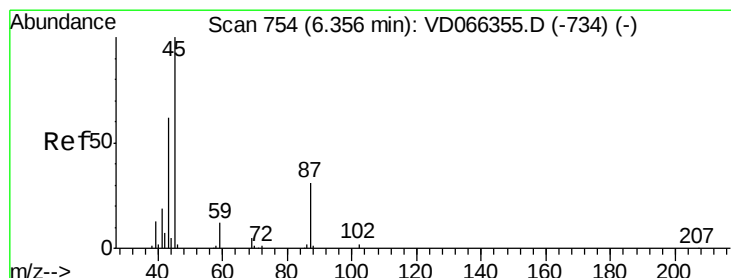
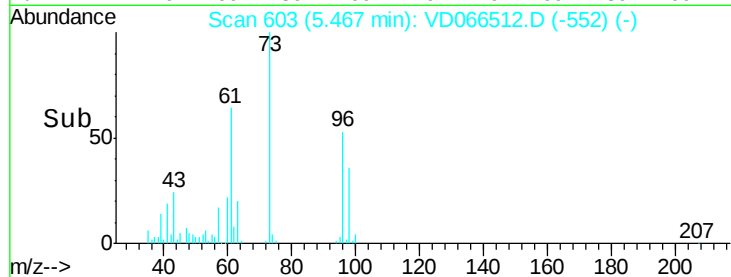
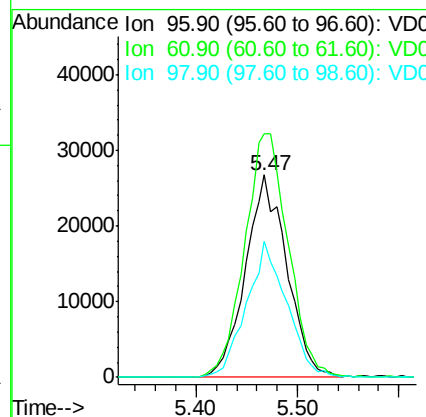
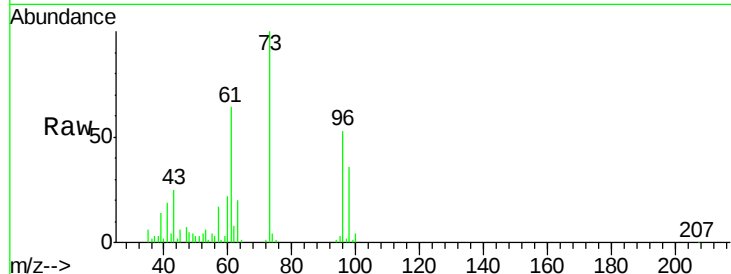
Tot Ion: 96 Resp: 75659

Ion Ratio Lower Upper

96 100

61 120.3 101.1 151.7

98 67.2 47.0 70.6



#22

Diisopropyl ether

Concen: 47.470 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Tgt Ion: 45 Resp: 159581

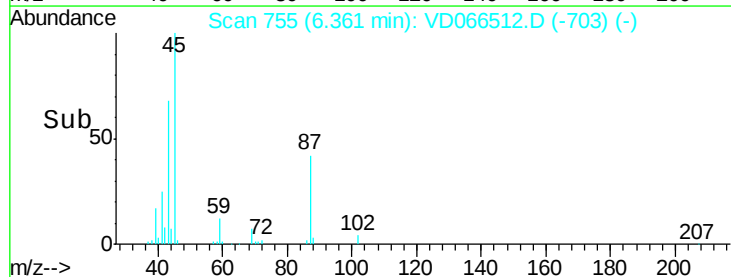
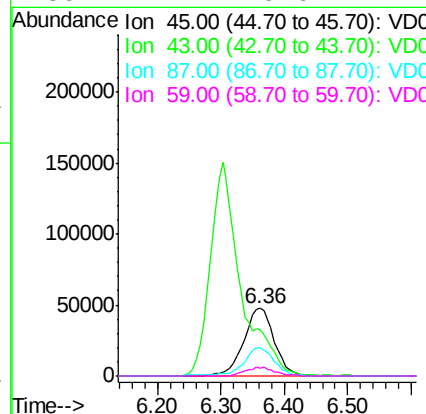
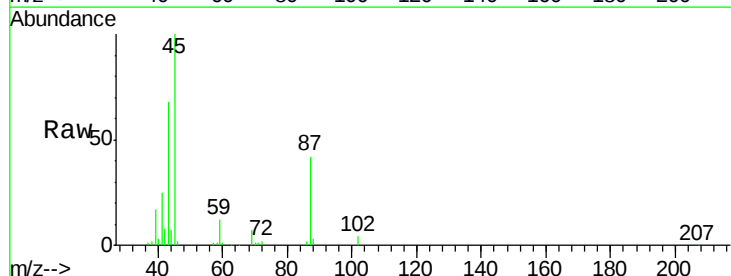
Ion Ratio Lower Upper

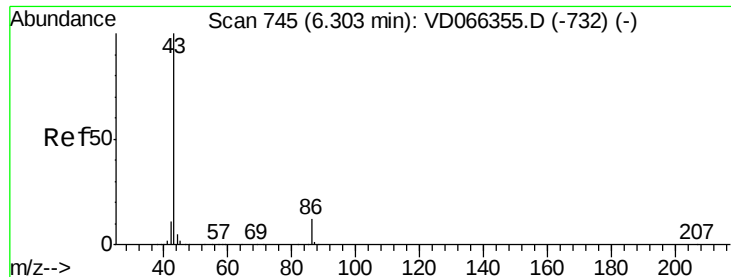
45 100

43 66.9 49.8 74.8

87 42.2 25.0 37.6#

59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 243.357 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

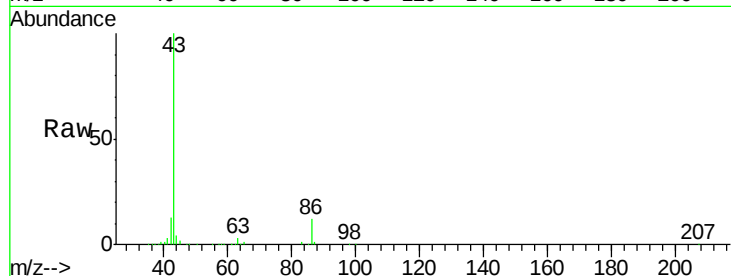
VSTDCCC050EC

Tot Ion: 43 Resp: 506455

Ion Ratio Lower Upper

43 100

86 12.4 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

150000

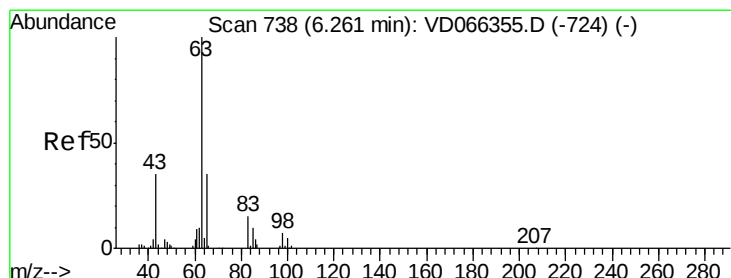
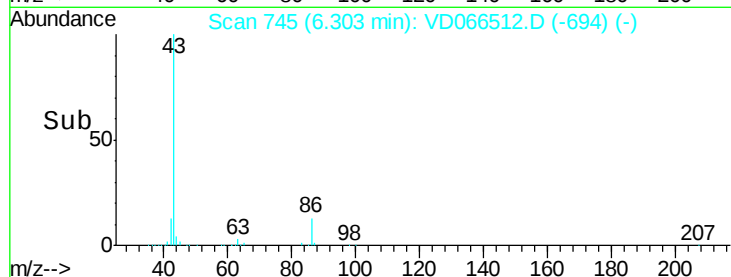
100000

50000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 51.037 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

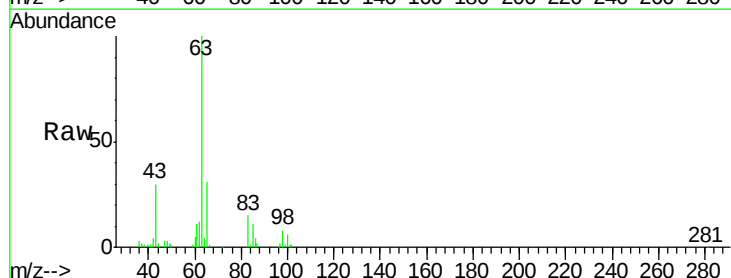
Tgt Ion: 63 Resp: 121246

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.6

100 6.1 2.5 7.6



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

6.26

50000

40000

30000

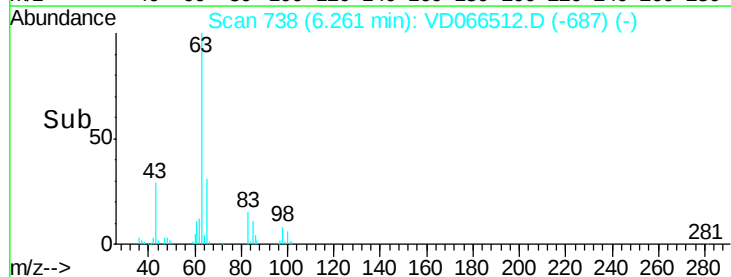
20000

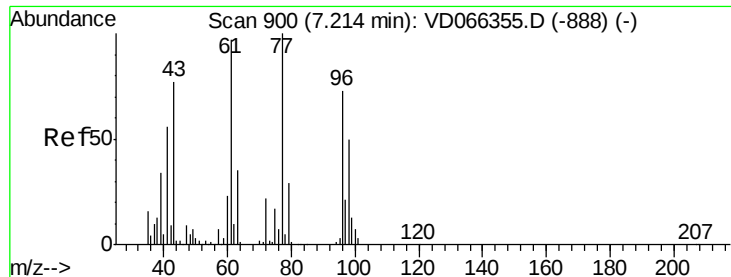
10000

0

Time-->

6.10 6.20 6.30 6.40

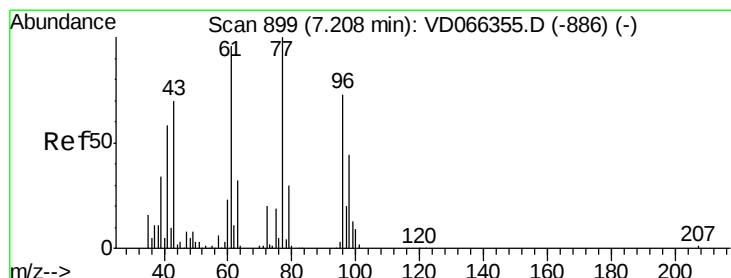
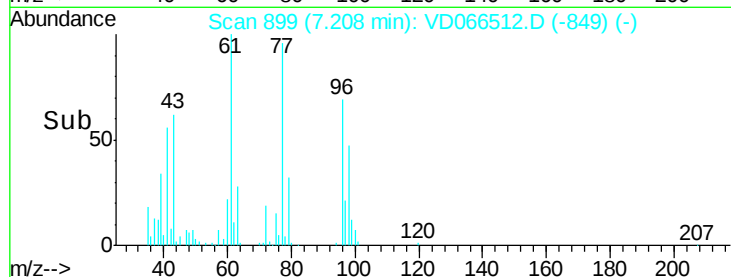
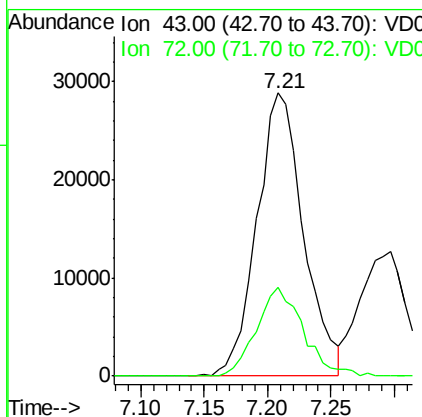
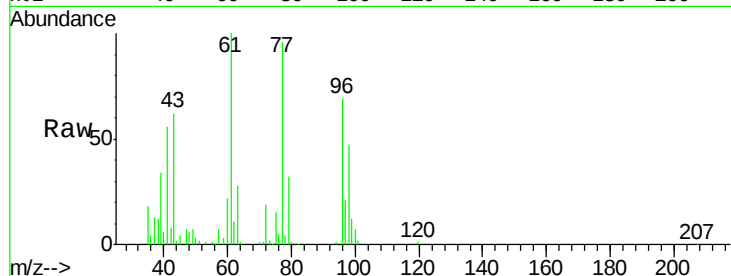




#25
2-Butanone
Concen: 230.368 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

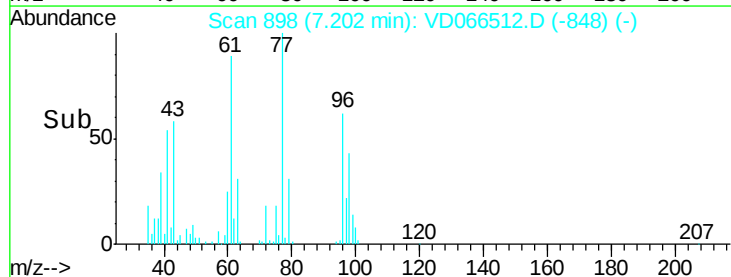
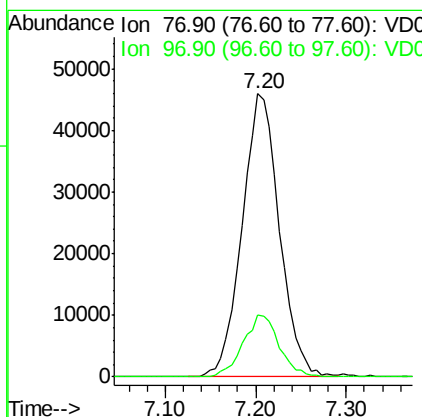
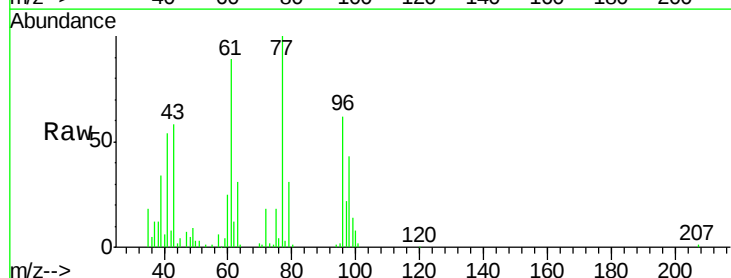
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

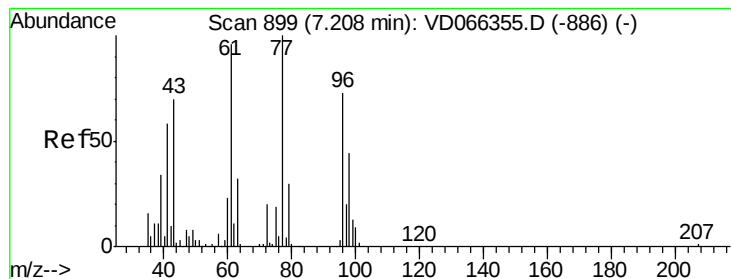
Tot Ion: 43 Resp: 73778
Ion Ratio Lower Upper
43 100
72 31.2 22.5 33.7



#26
2,2-Dichloropropane
Concen: 51.419 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion: 77 Resp: 130925
Ion Ratio Lower Upper
77 100
97 21.1 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 52.756 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

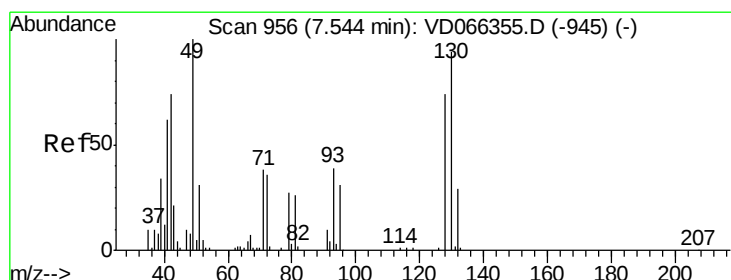
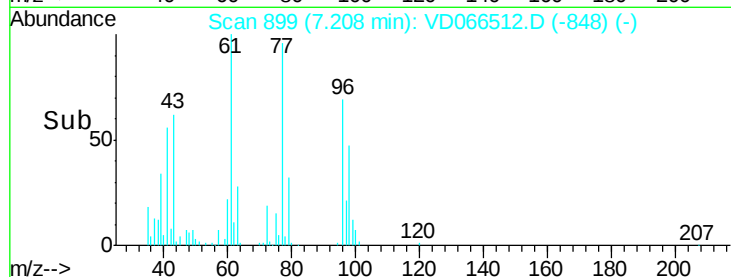
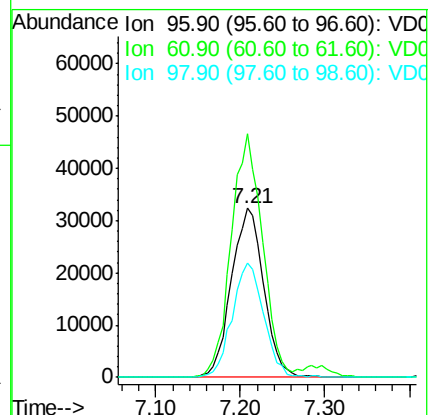
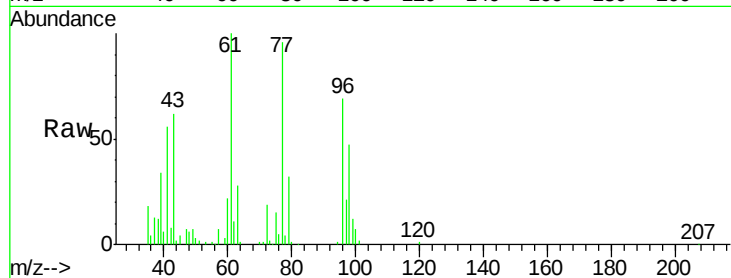
Tot Ion: 96 Resp: 85599

Ion Ratio Lower Upper

96 100

61 139.1 0.0 281.4

98 65.2 0.0 132.2



#28

Bromochloromethane

Concen: 47.408 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

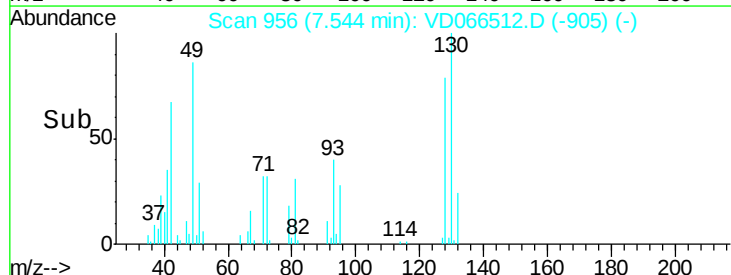
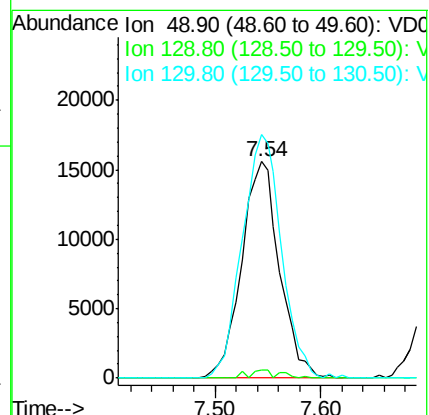
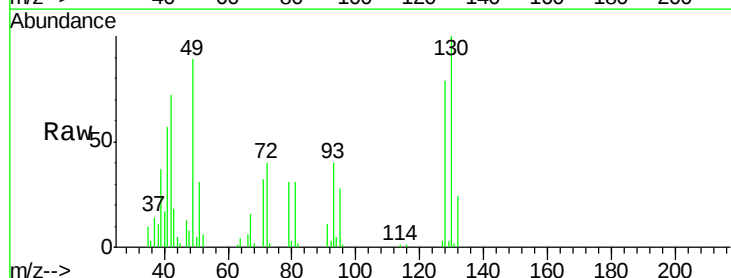
Tgt Ion: 49 Resp: 38795

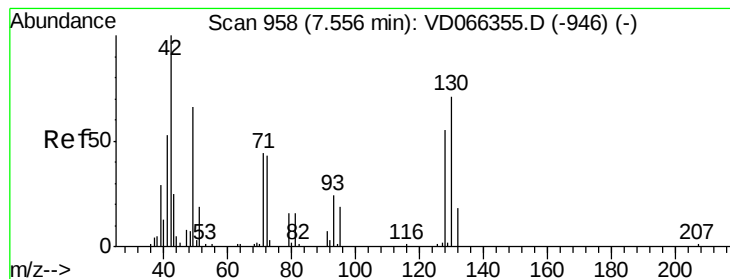
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.0

130 116.3 82.6 124.0





#29

Tetrahydrofuran

Concen: 239.956 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

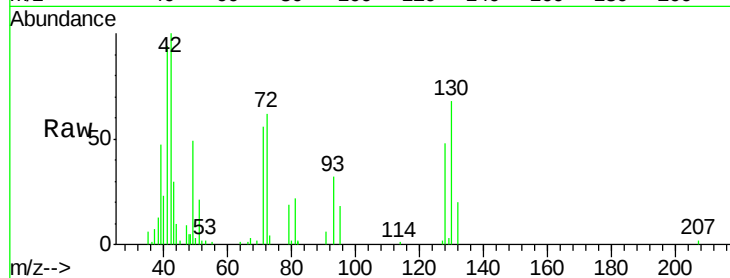
Tot Ion: 42 Resp: 43649

Ion Ratio Lower Upper

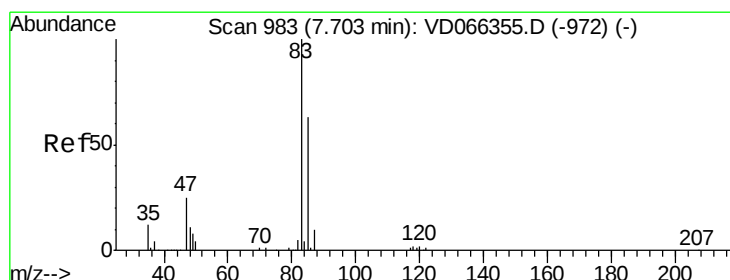
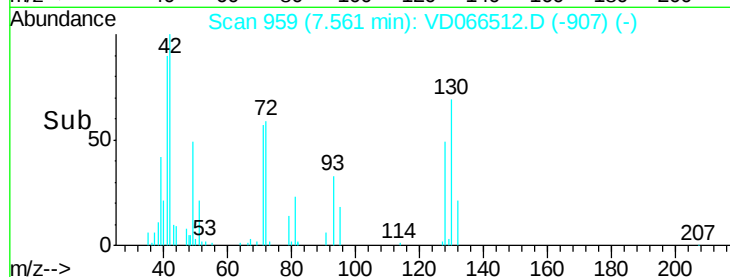
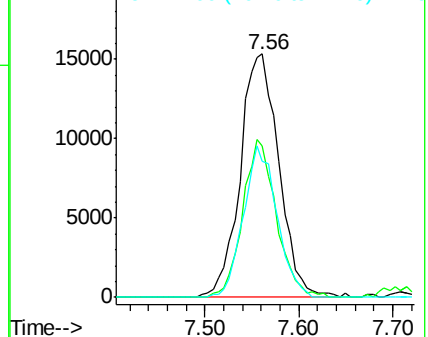
42 100

72 56.4 41.0 61.4

71 54.2 37.2 55.8



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: 56.230 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066512.D

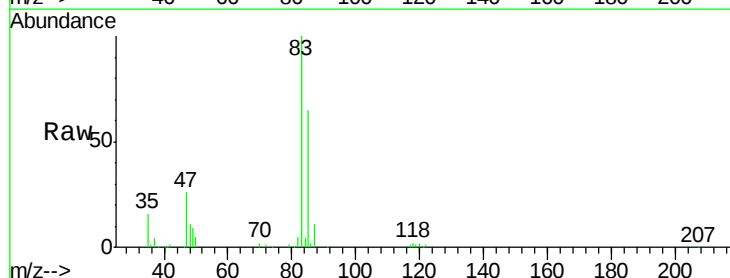
Acq: 01 Sep 2020 22:36

Tgt Ion: 83 Resp: 154555

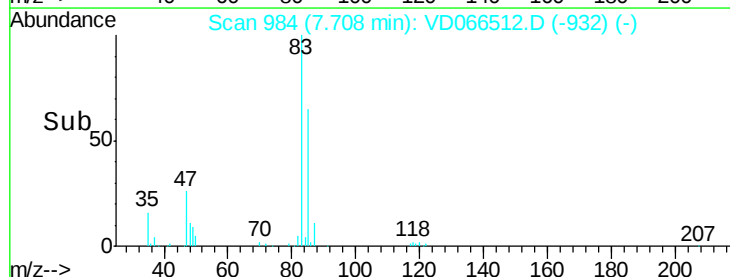
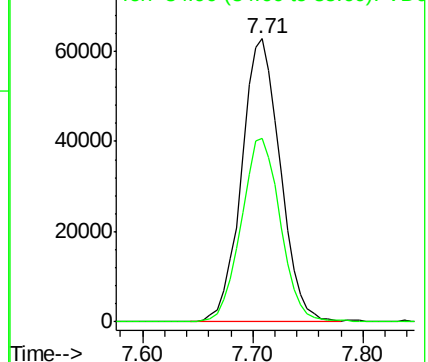
Ion Ratio Lower Upper

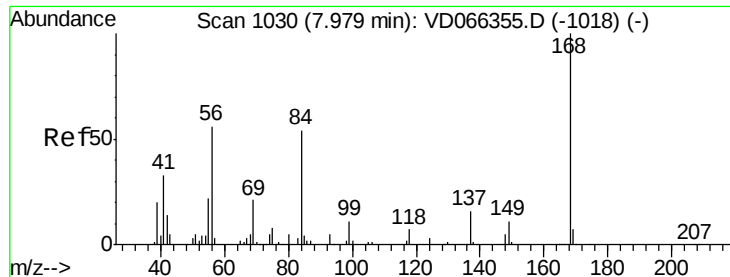
83 100

85 64.9 50.3 75.5



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

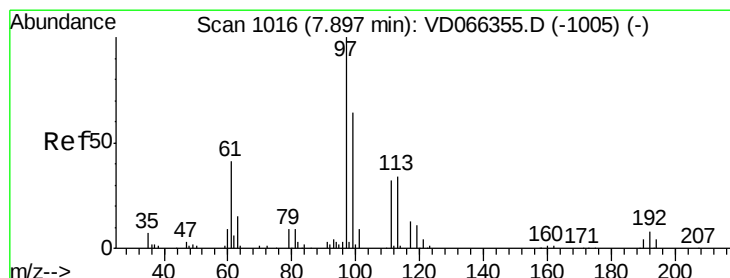
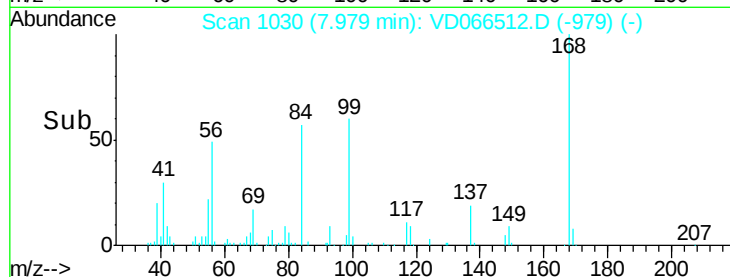
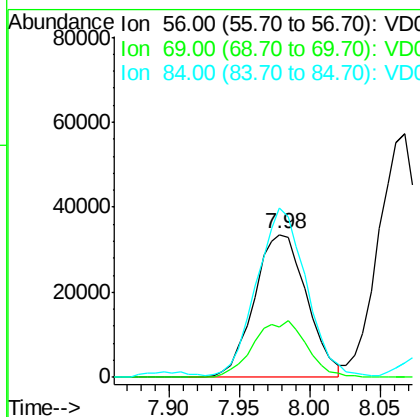
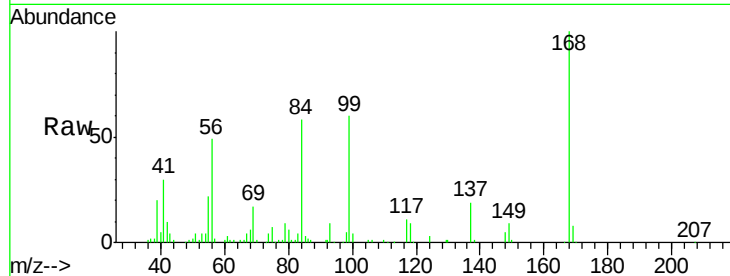




#31
Cyclohexane
Concen: 40.247 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

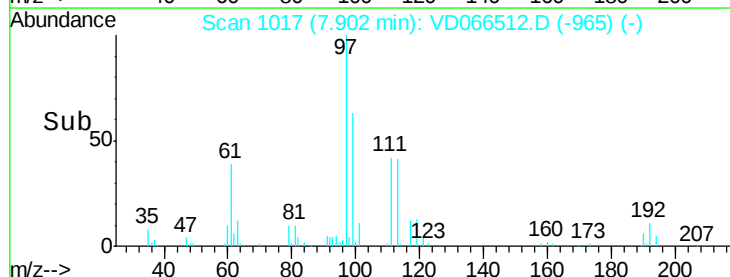
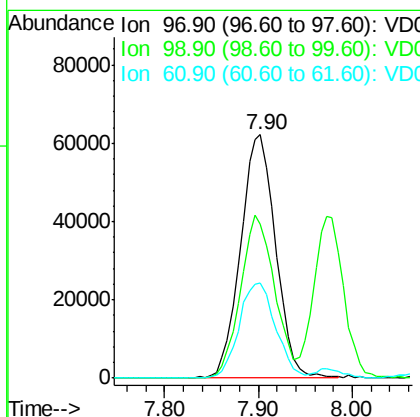
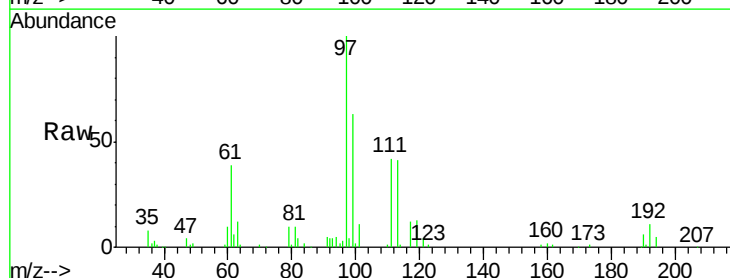
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

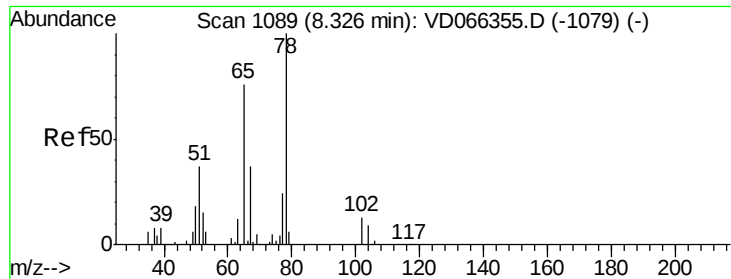
Tot Ion: 56 Resp: 87446
Ion Ratio Lower Upper
56 100
69 35.6 29.6 44.4
84 115.8 76.6 115.0#



#32
1,1,1-Trichloroethane
Concen: 56.943 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion: 97 Resp: 160185
Ion Ratio Lower Upper
97 100
99 65.2 51.5 77.3
61 40.7 33.3 49.9

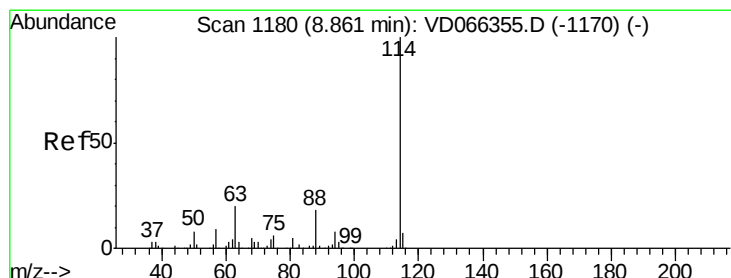
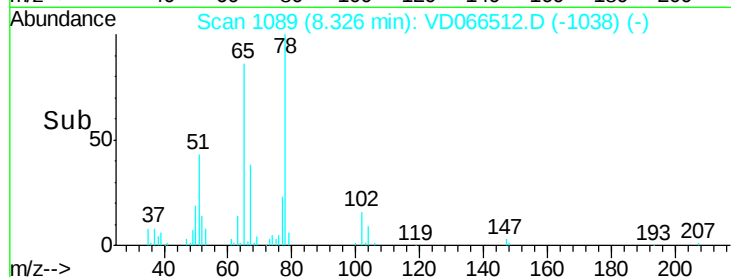
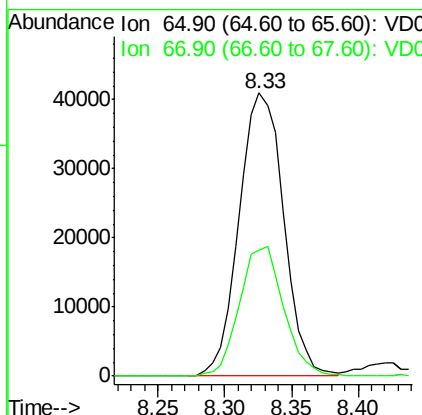
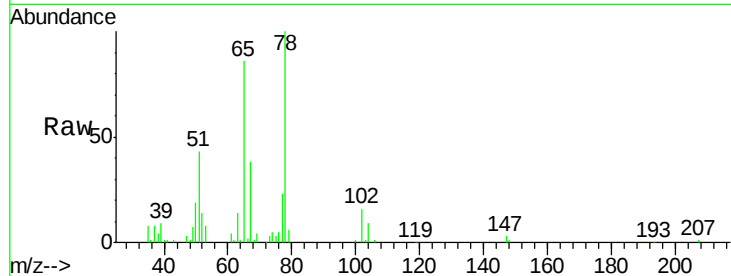




#33
 1,2-Dichloroethane-d4
 Concen: 60.639 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

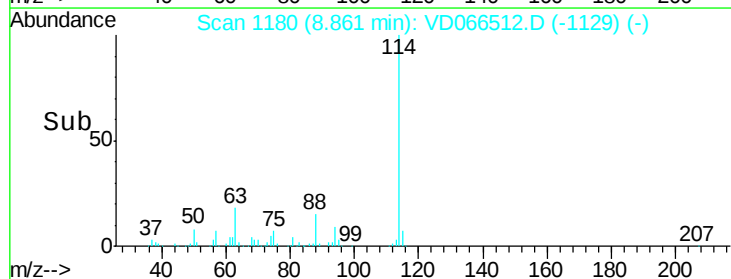
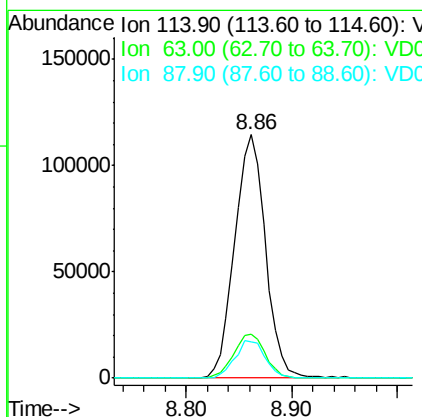
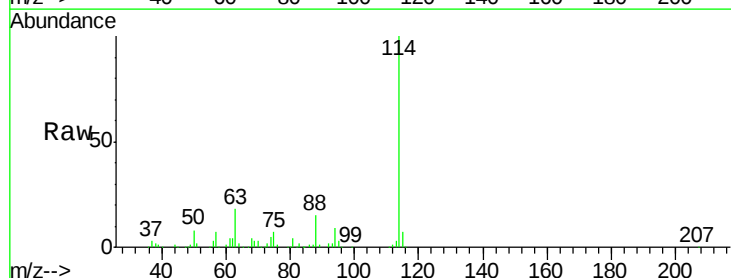
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

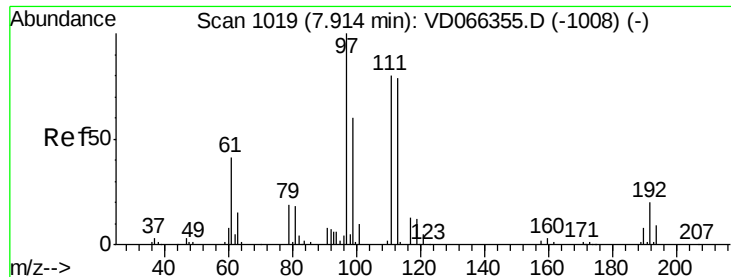
Tot Ion: 65 Resp: 94887
 Ion Ratio Lower Upper
 65 100
 67 45.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

Tgt Ion: 114 Resp: 231513
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 40.8
 88 15.1 0.0 35.4

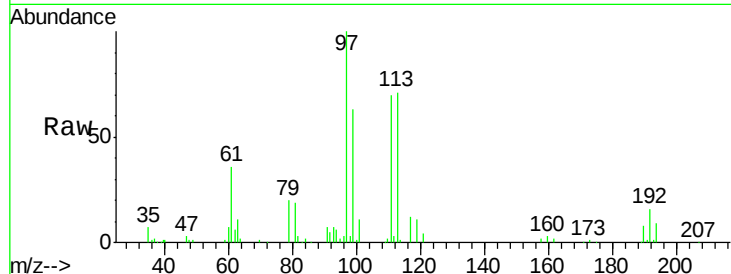




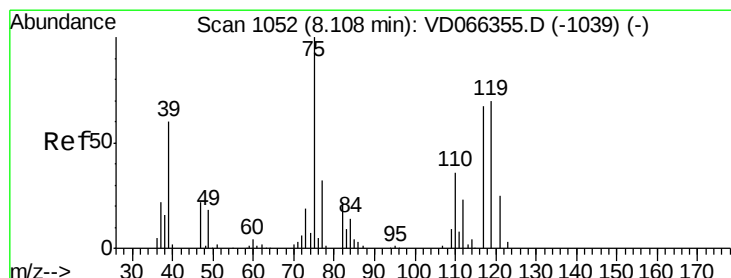
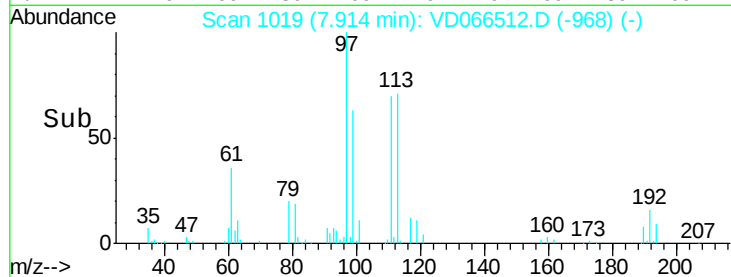
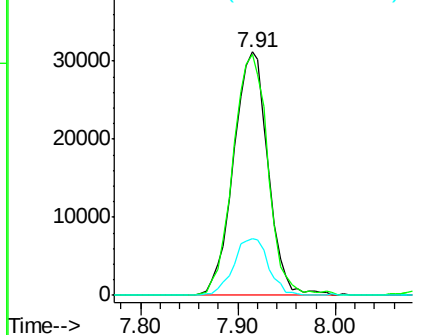
#35
 Dibromofluoromethane
 Concen: 53.147 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 76940
 Ion Ratio Lower Upper
 113 100
 111 100.1 80.3 120.5
 192 23.5 19.0 28.6

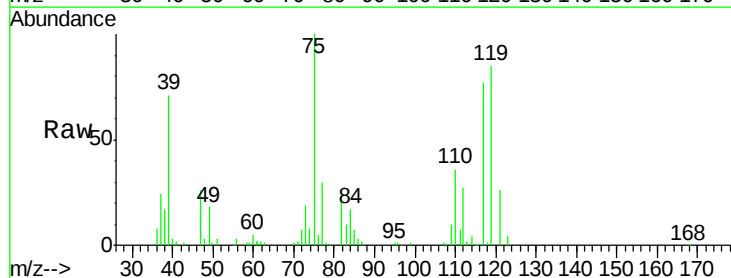


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

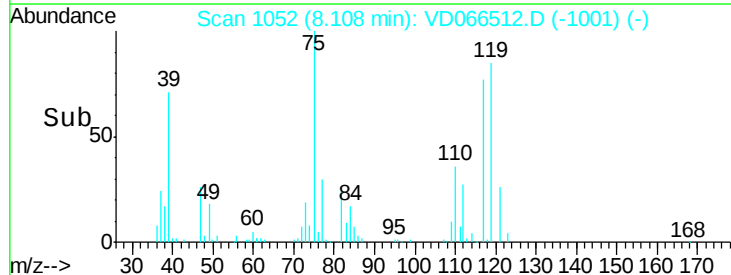
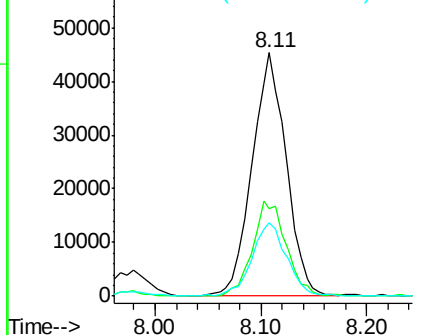


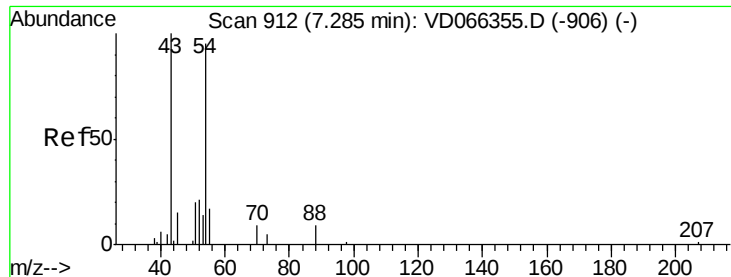
#36
 1,1-Dichloropropene
 Concen: 48.313 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

Tgt Ion: 75 Resp: 102056
 Ion Ratio Lower Upper
 75 100
 110 38.2 18.7 56.1
 77 30.5 25.2 37.8



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

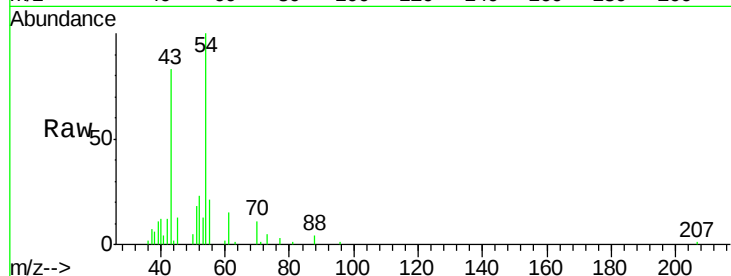




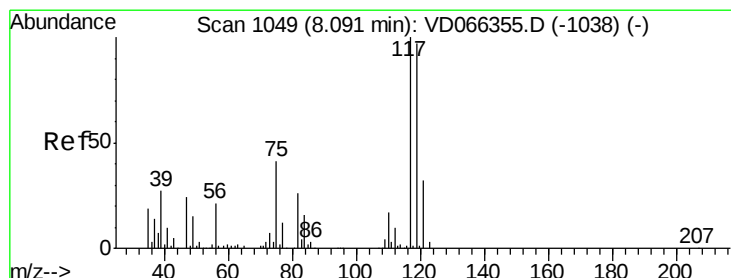
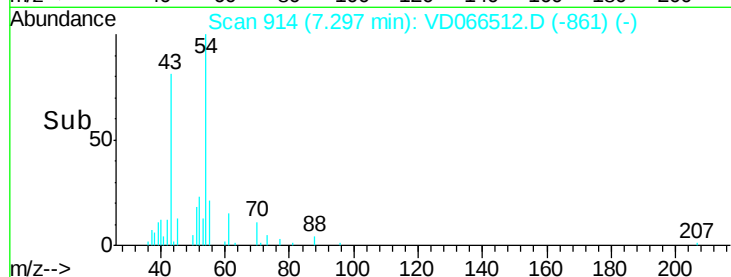
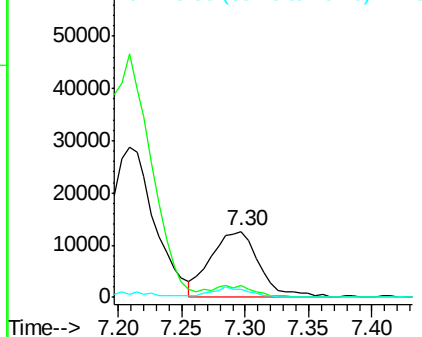
#37
Ethyl Acetate
Concen: 45.897 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 32975
Ion Ratio Lower Upper
43 100
61 16.6 13.3 19.9
70 12.2 3.5 5.3#

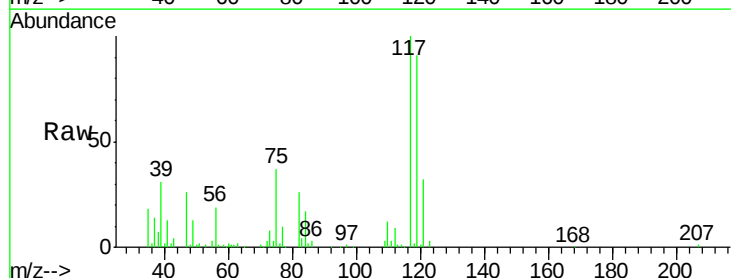


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

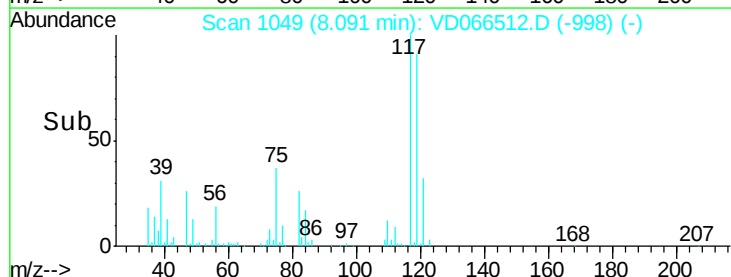
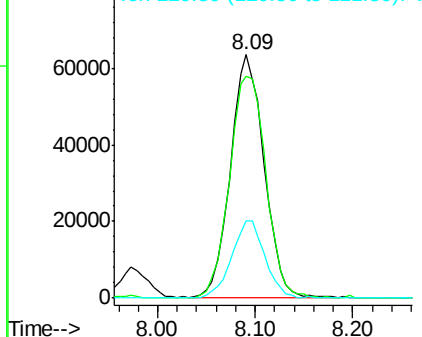


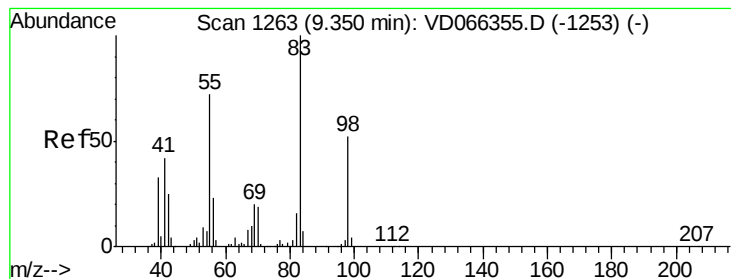
#38
Carbon Tetrachloride
Concen: 55.415 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion: 117 Resp: 152509
Ion Ratio Lower Upper
117 100
119 91.3 77.2 115.8
121 31.9 25.8 38.8



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





#39

Methvlcvclohexane

Concen: 46.528 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

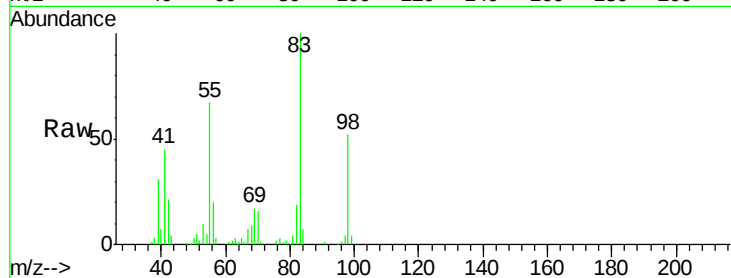
Tot Ion: 83 Resp: 115779

Ion Ratio Lower Upper

83 100

55 67.0 58.0 87.0

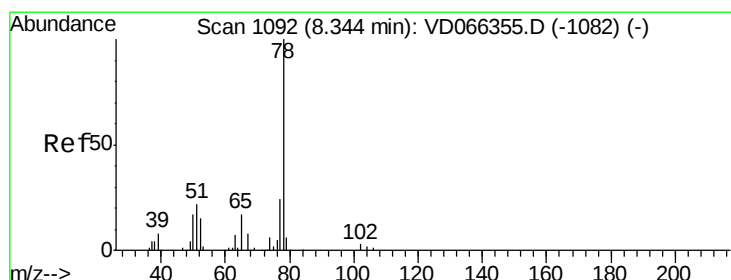
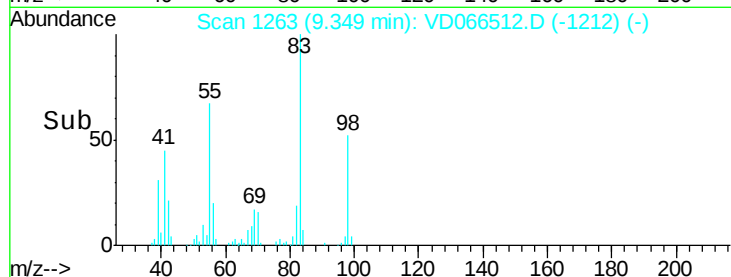
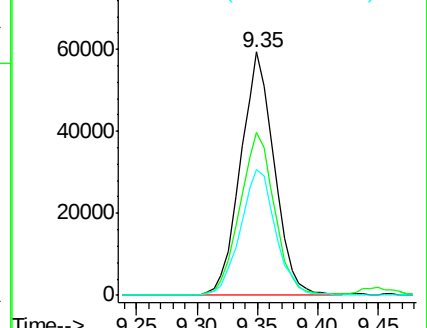
98 51.6 41.9 62.9



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: 50.748 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VD066512.D

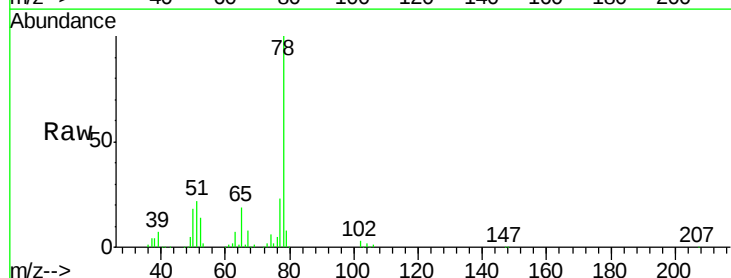
Acq: 01 Sep 2020 22:36

Tgt Ion: 78 Resp: 282009

Ion Ratio Lower Upper

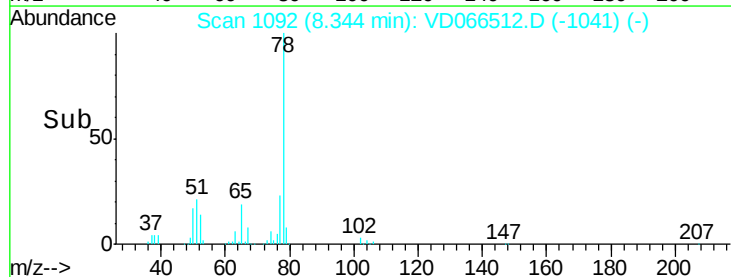
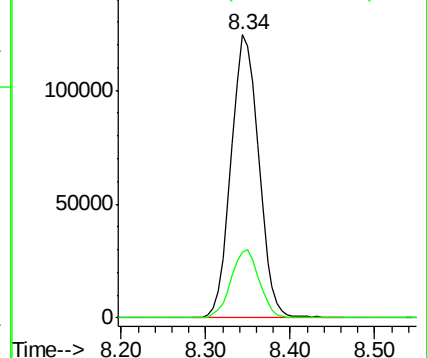
78 100

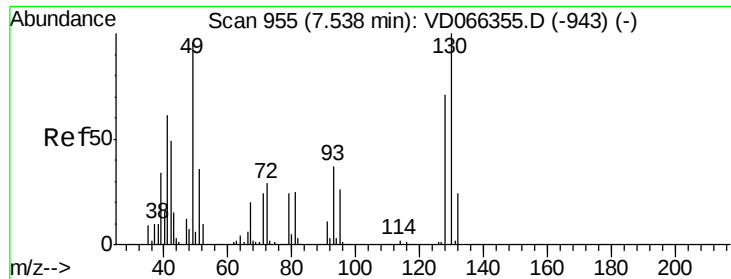
77 23.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC

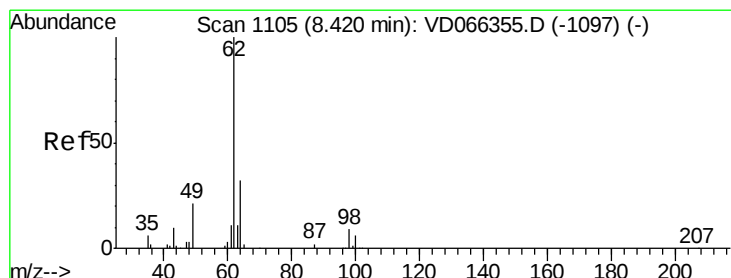
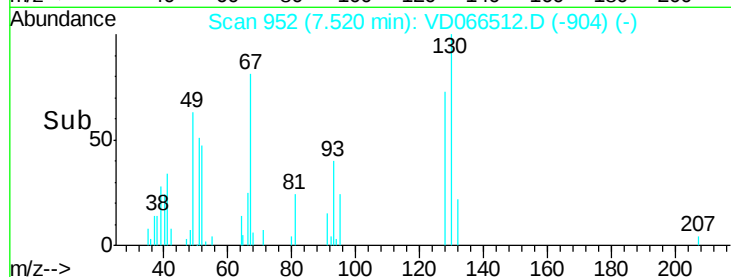
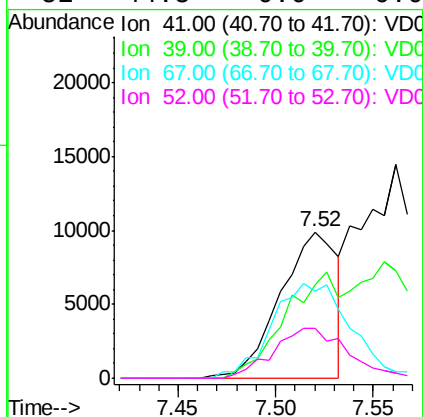
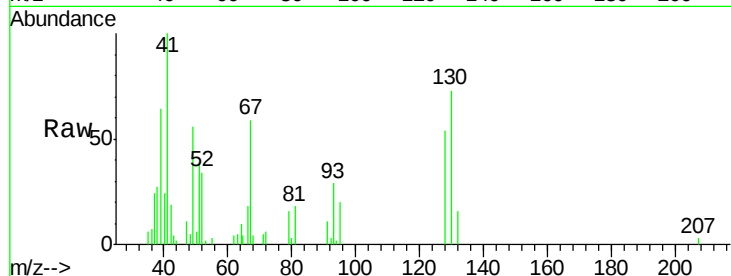




#41
Methacrylonitrile
Concen: 45.285 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

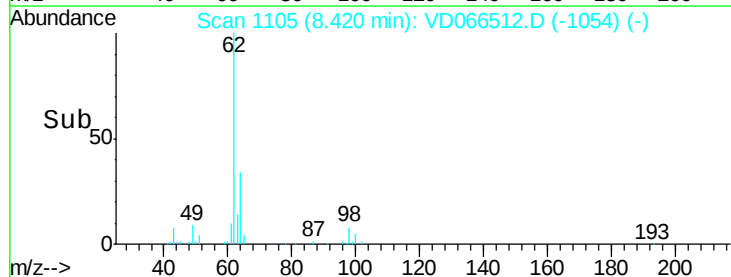
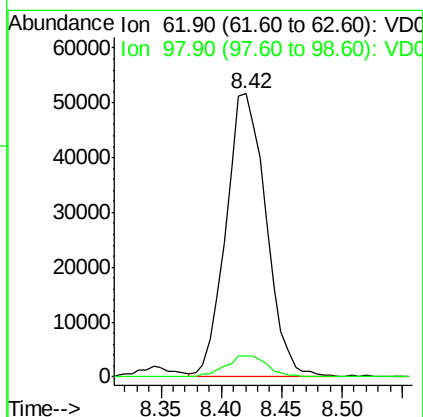
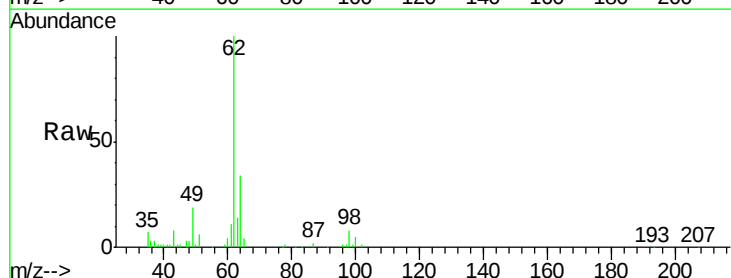
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 20064
Ion Ratio Lower Upper
41 100
39 67.7 51.8 77.8
67 89.8 0.0 0.0#
52 44.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 61.176 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion: 62 Resp: 119735
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.2





#43

Isopropyl Acetate

Concen: 50.135 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

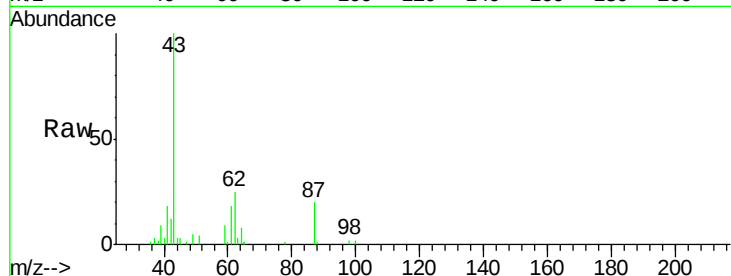
Tot Ion: 43 Resp: 72298

Ion Ratio Lower Upper

43 100

61 33.4 26.5 39.7

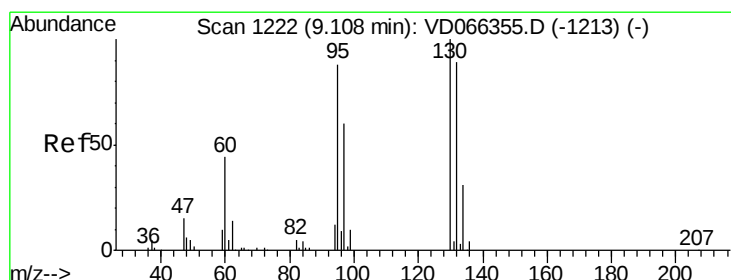
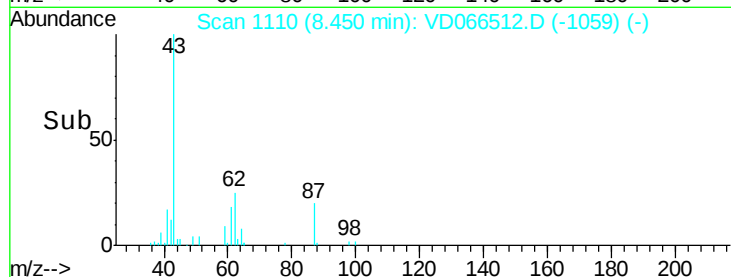
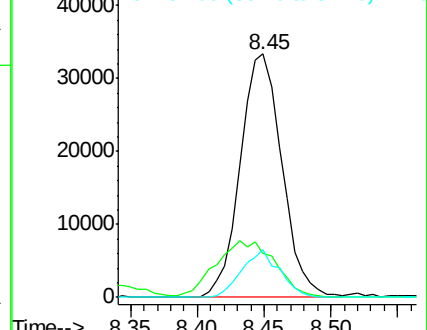
87 17.7 11.9 17.9



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: 52.531 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066512.D

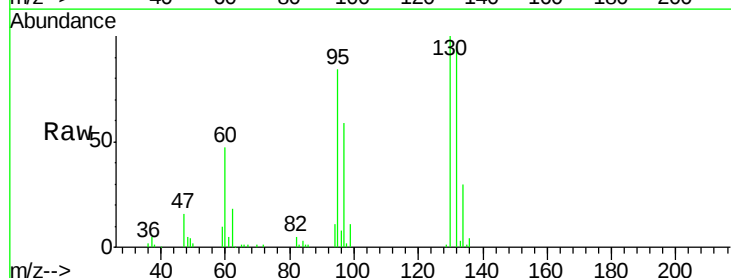
Acq: 01 Sep 2020 22:36

Tgt Ion: 130 Resp: 94855

Ion Ratio Lower Upper

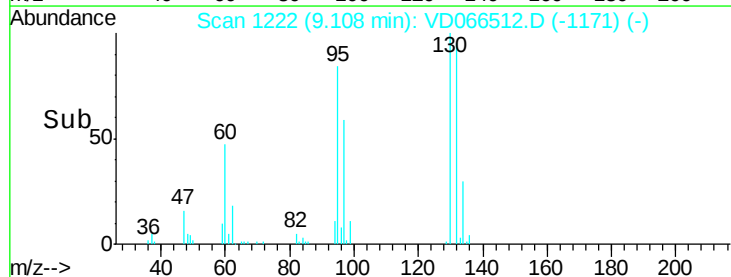
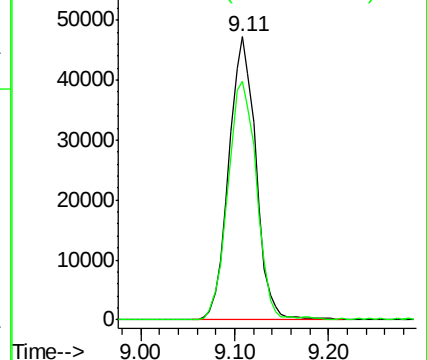
130 100

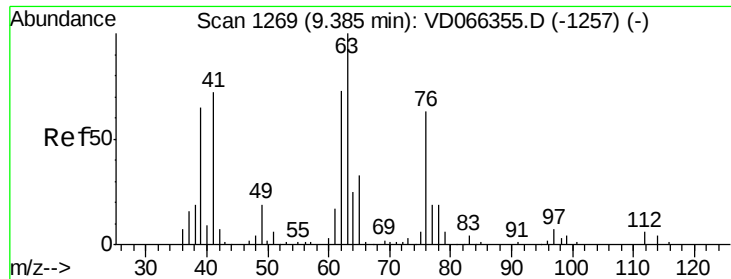
95 84.4 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

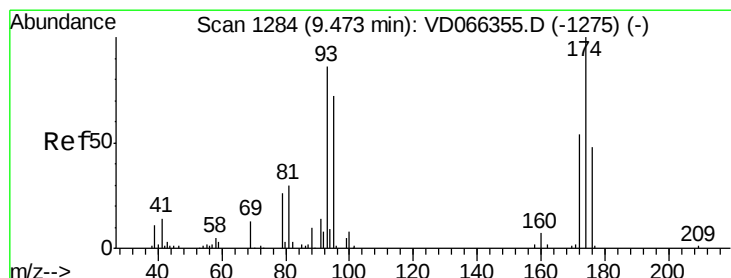
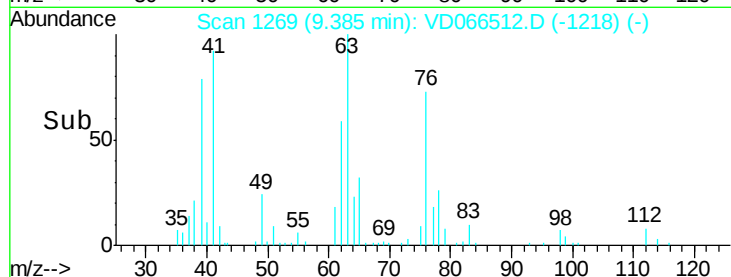
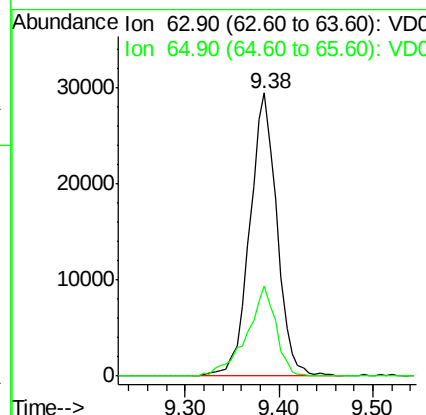
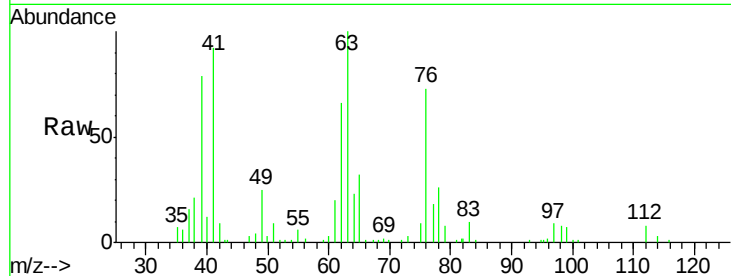




#45
 1,2-Dichloropropane
 Concen: 46.634 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

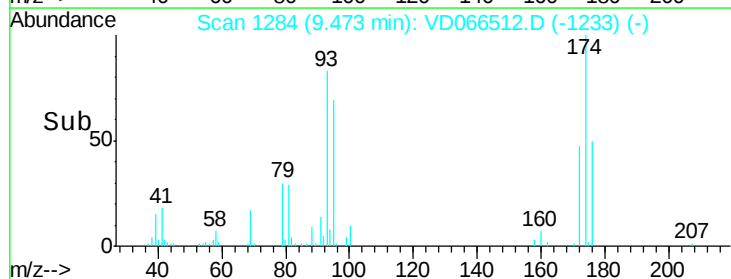
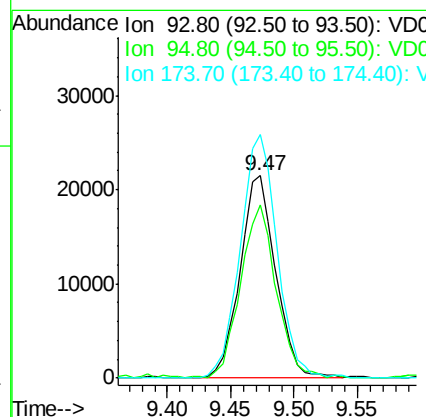
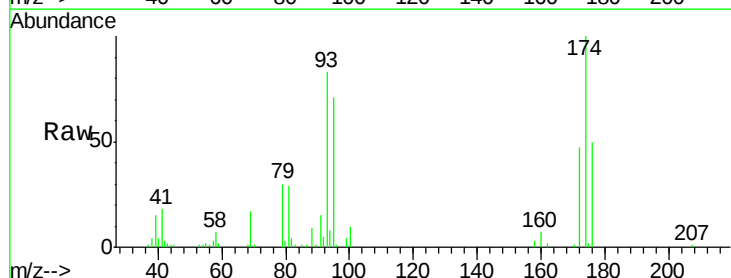
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

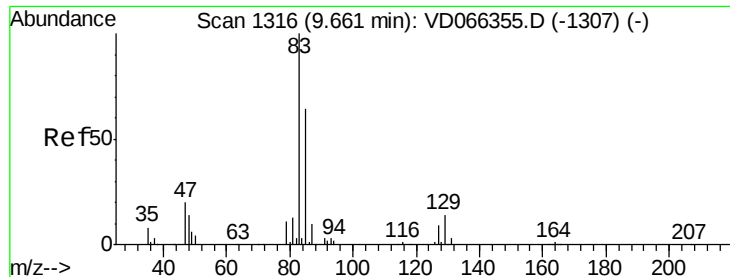
Tot Ion: 63 Resp: 58750
 Ion Ratio Lower Upper
 63 100
 65 31.7 26.4 39.6



#46
 Dibromomethane
 Concen: 53.484 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

Tgt Ion: 93 Resp: 41952
 Ion Ratio Lower Upper
 93 100
 95 85.9 66.0 99.0
 174 124.4 94.6 141.8

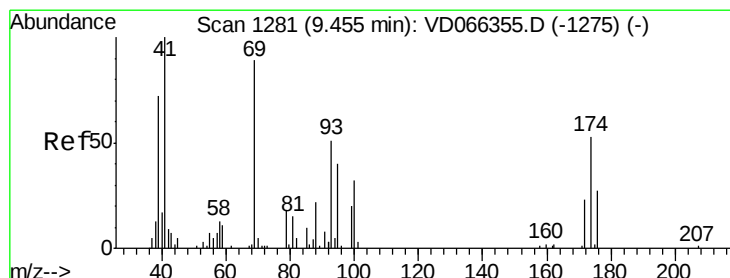
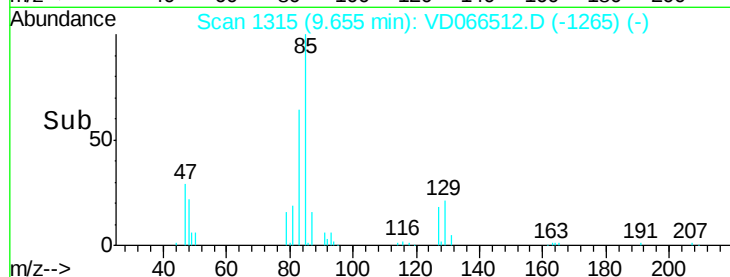
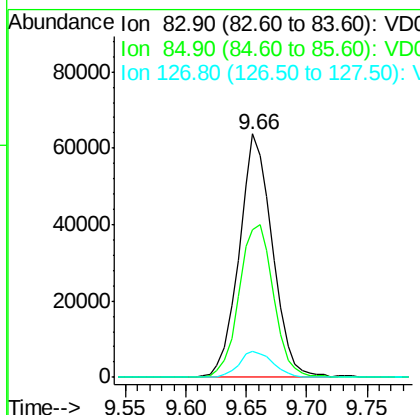
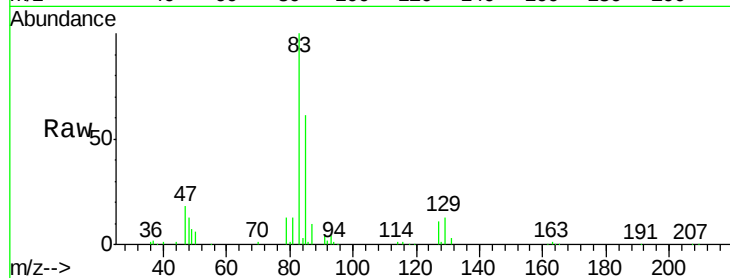




#47
Bromodichloromethane
Concen: 56.701 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

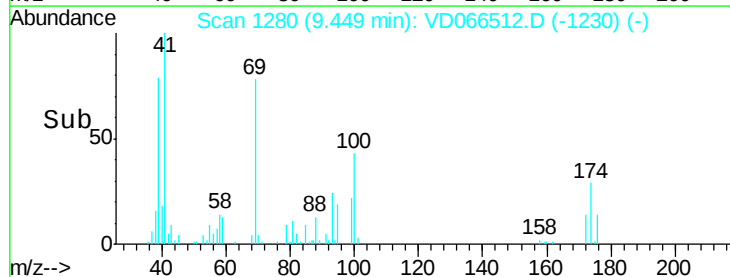
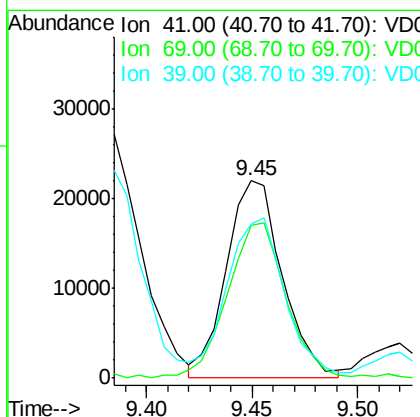
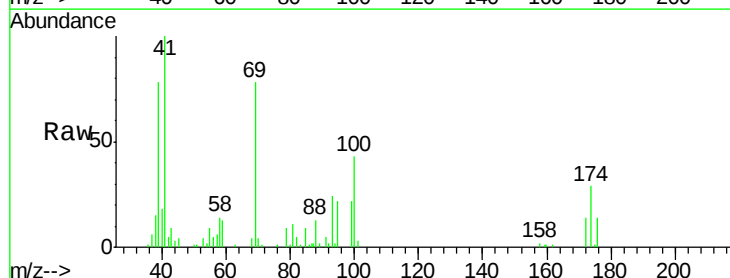
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

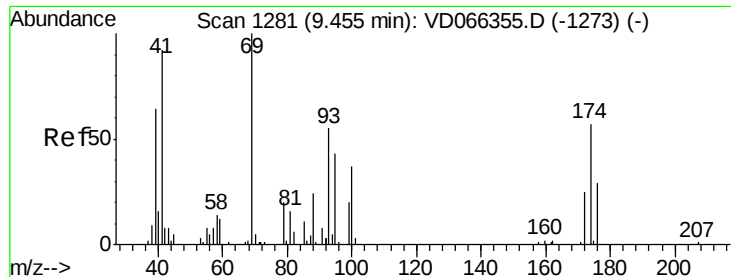
Tot Ion: 83 Resp: 122311
Ion Ratio Lower Upper
83 100
85 60.9 51.4 77.0
127 10.9 7.4 11.0



#48
Methyl methacrylate
Concen: 54.465 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion: 41 Resp: 40501
Ion Ratio Lower Upper
41 100
69 82.2 75.5 113.3
39 85.0 57.0 85.4

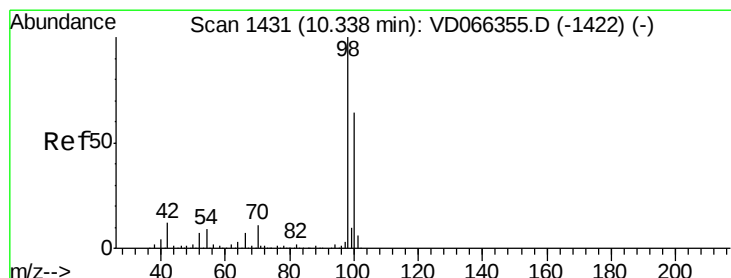
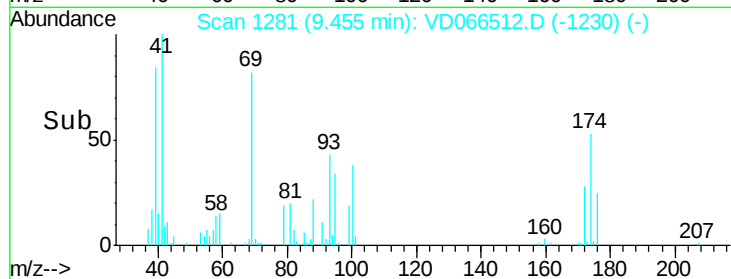
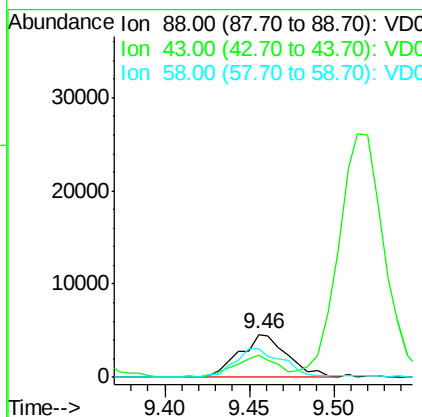
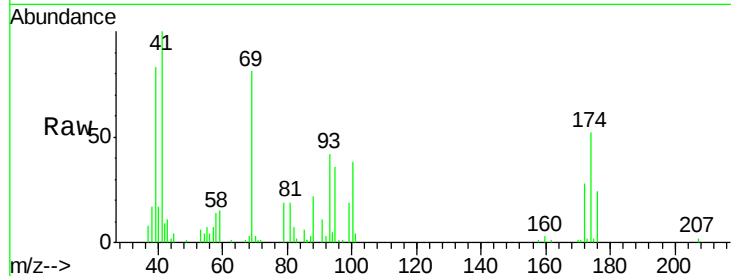




#49
1,4-Dioxane
Concen: 1010.648 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

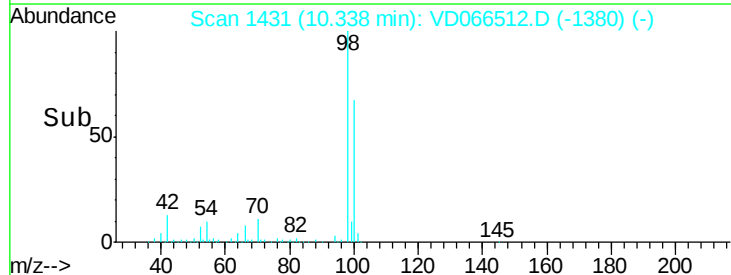
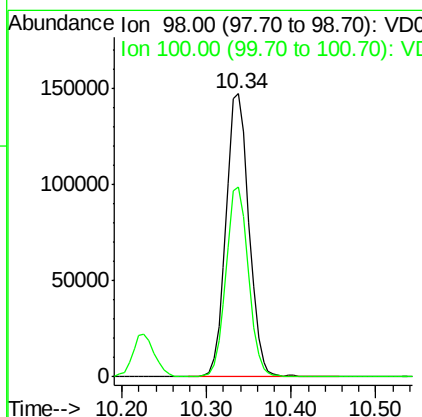
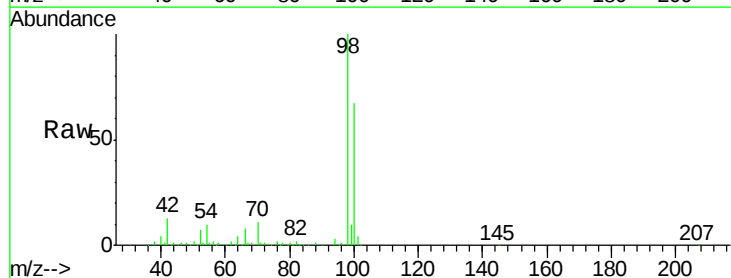
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

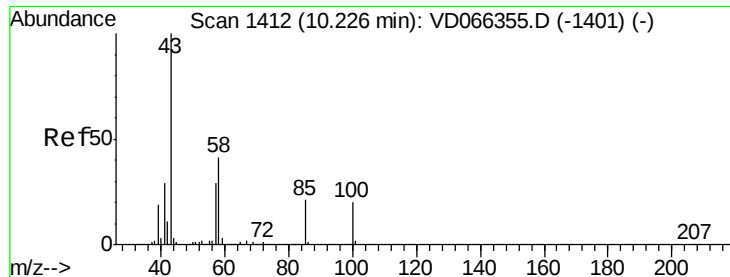
Tot Ion: 88 Resp: 9205
Ion Ratio Lower Upper
88 100
43 44.5 29.4 44.0#
58 67.0 45.4 68.2



#50
Toluene-d8
Concen: 51.987 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion: 98 Resp: 275364
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 259.373 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

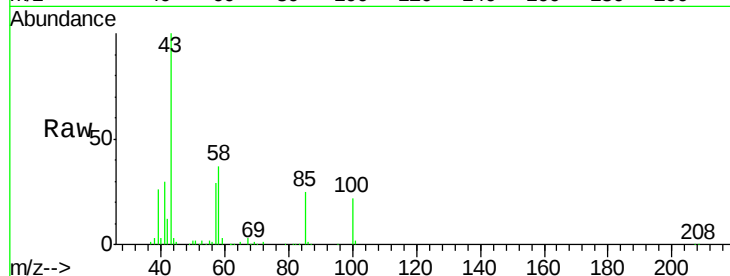
VSTDCCC050EC

Tot Ion: 43 Resp: 180941

Ion Ratio Lower Upper

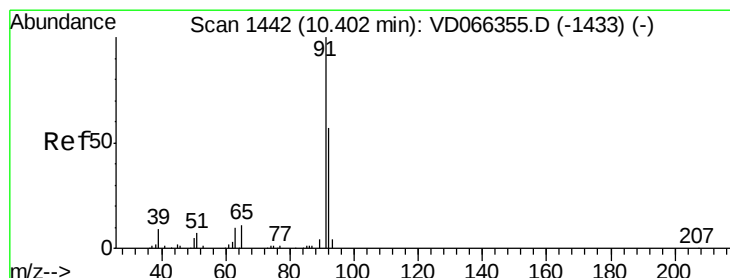
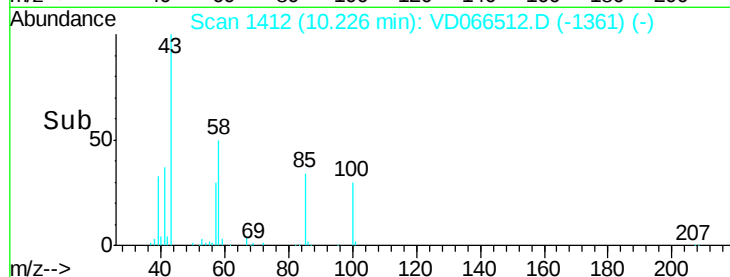
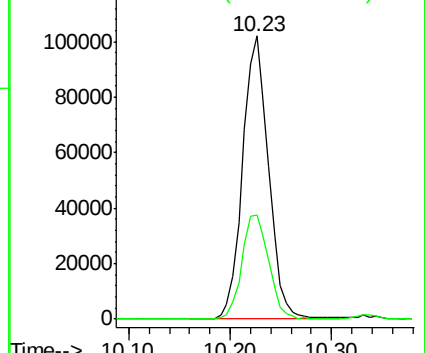
43 100

58 38.3 31.4 47.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 53.107 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066512.D

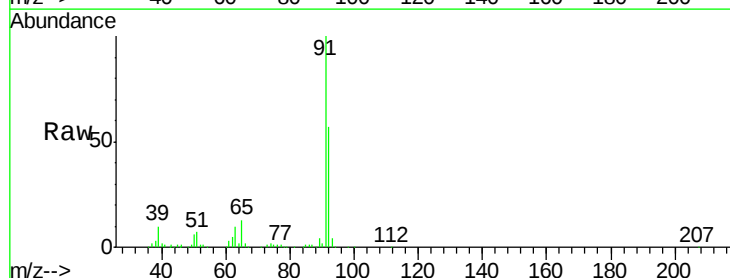
Acq: 01 Sep 2020 22:36

Tgt Ion: 92 Resp: 199945

Ion Ratio Lower Upper

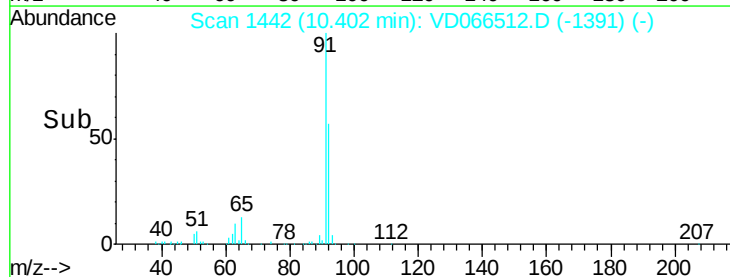
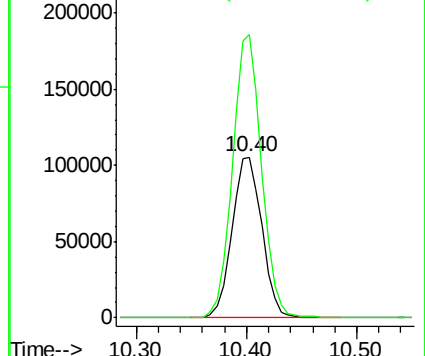
92 100

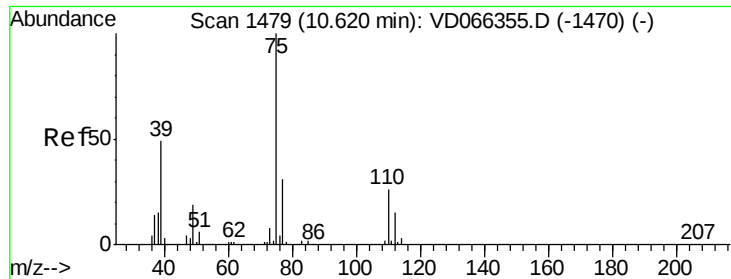
91 171.1 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 53.615 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

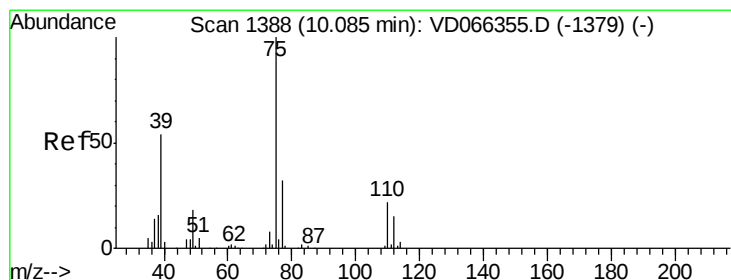
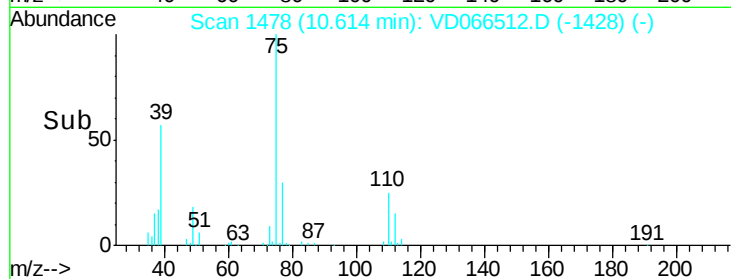
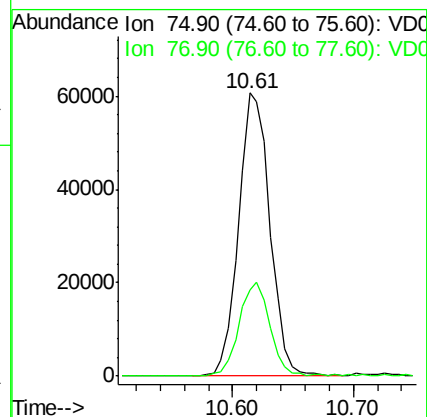
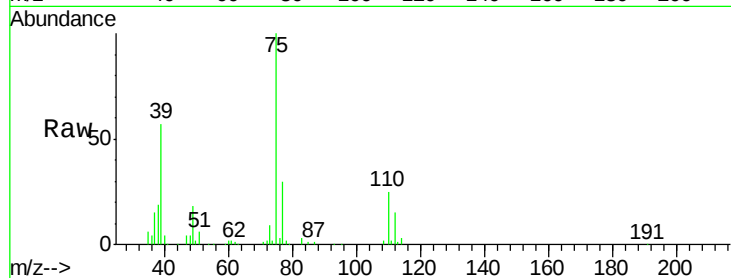
VSTDCCC050EC

Tot Ion: 75 Resp: 109741

Ion Ratio Lower Upper

75 100

77 30.3 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 51.094 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

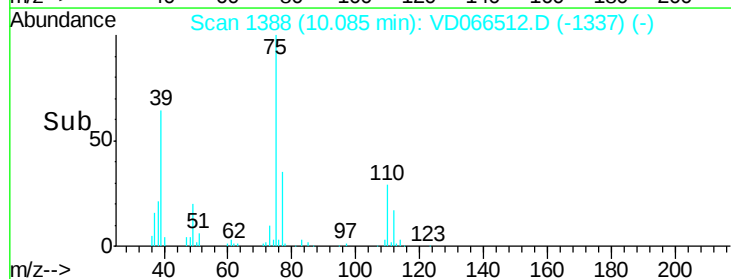
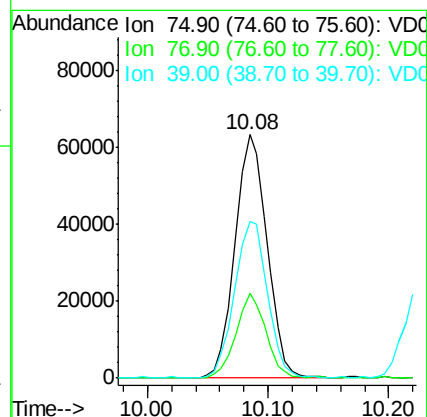
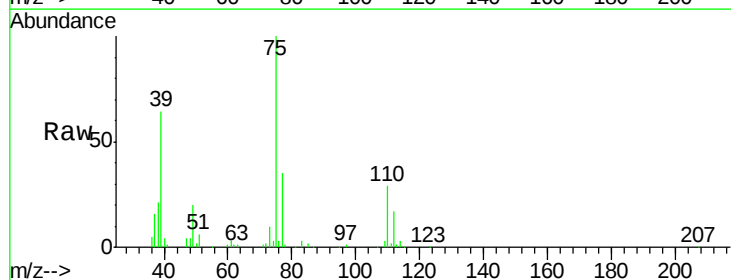
Tgt Ion: 75 Resp: 117389

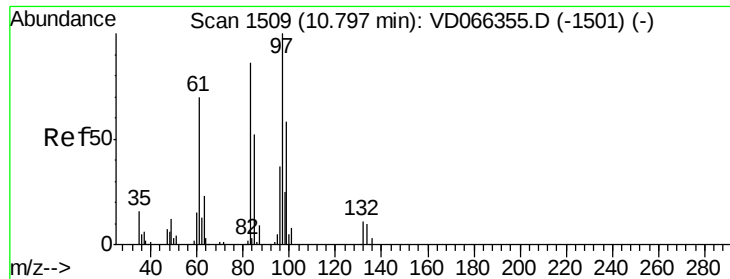
Ion Ratio Lower Upper

75 100

77 34.9 25.6 38.4

39 64.0 43.4 65.0

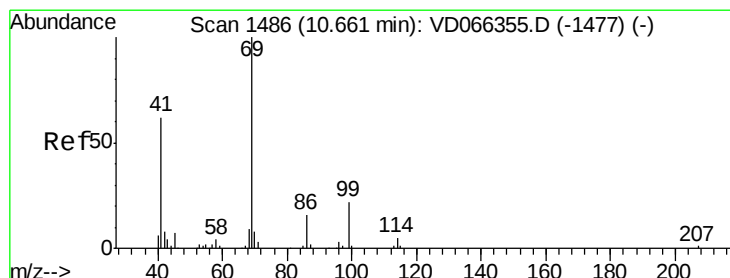
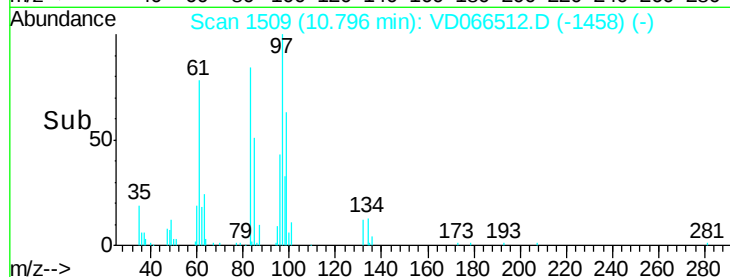
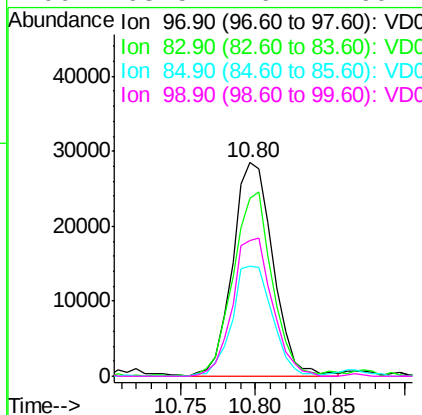
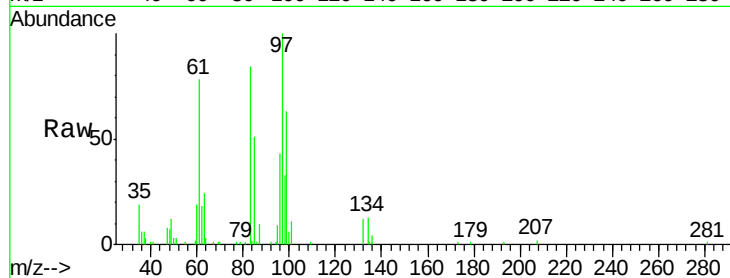




#55
 1,1,2-Trichloroethane
 Concen: 50.639 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

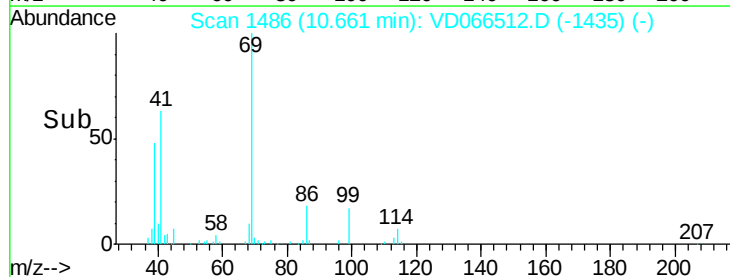
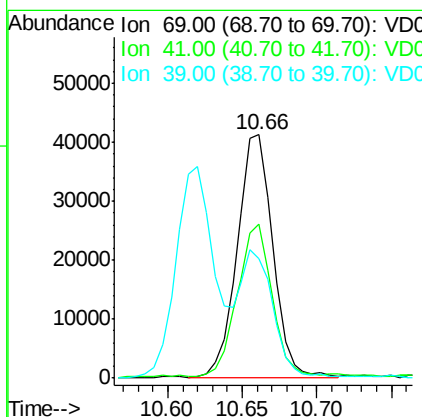
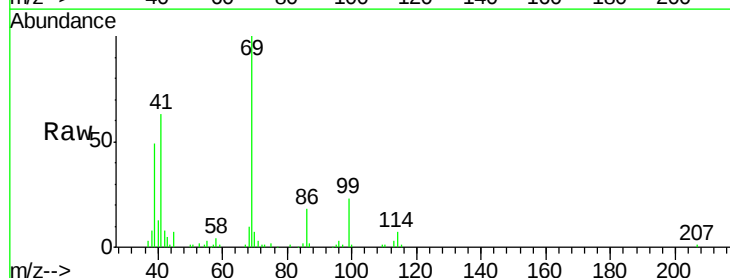
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

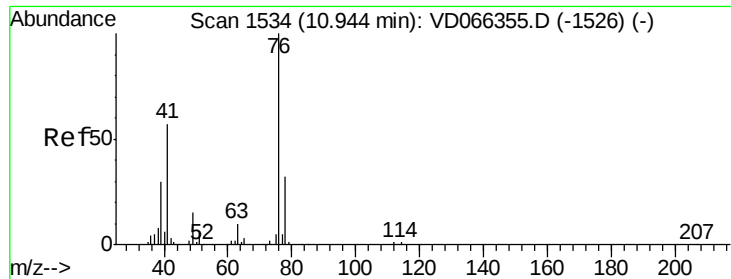
Tot Ion: 97 Resp: 53773
 Ion Ratio Lower Upper
 97 100
 83 83.5 68.4 102.6
 85 51.4 41.3 61.9
 99 63.5 46.1 69.1



#56
 Ethyl methacrylate
 Concen: 56.027 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

Tgt Ion: 69 Resp: 68872
 Ion Ratio Lower Upper
 69 100
 41 60.4 50.8 76.2
 39 46.1 32.9 49.3

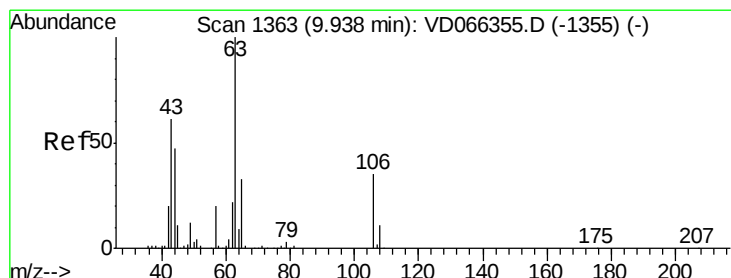
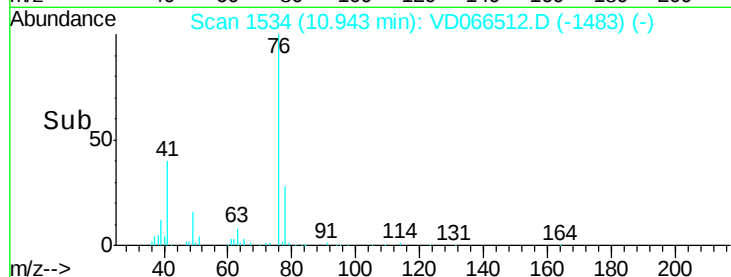
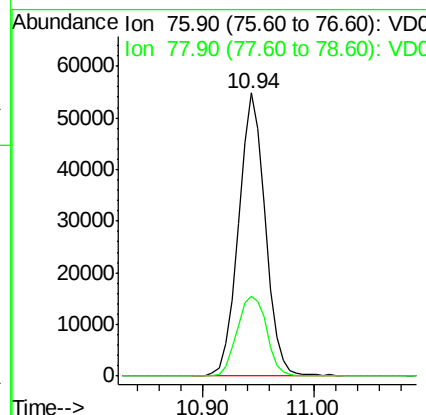
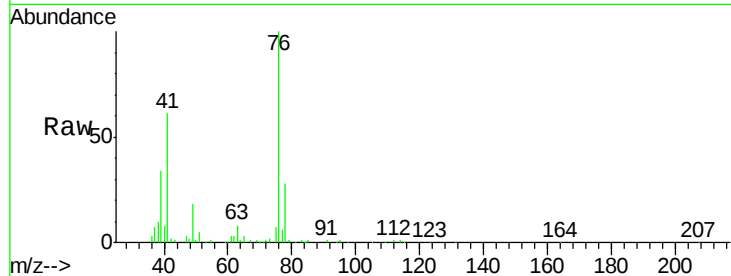




#57
 1,3-Dichloropropane
 Concen: 53.206 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

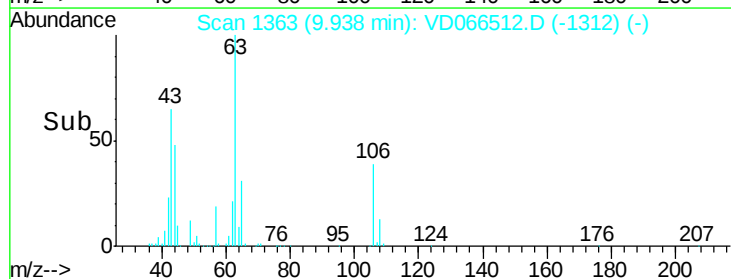
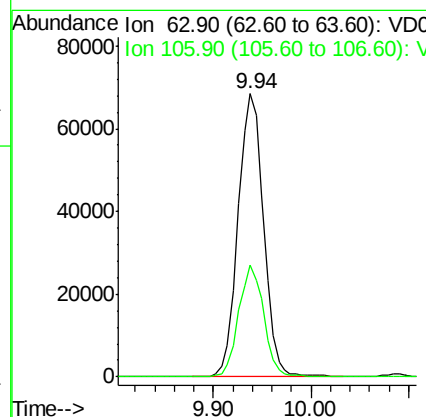
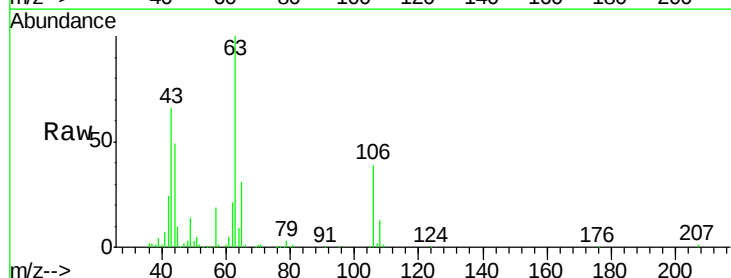
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

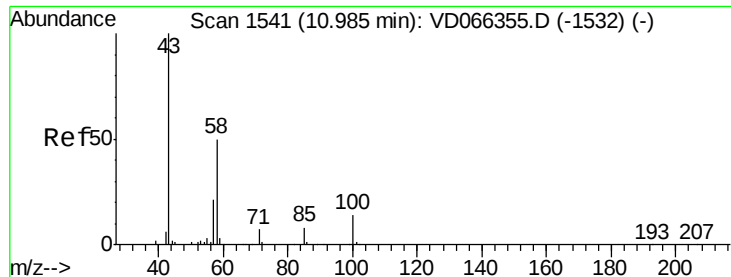
Tot Ion: 76 Resp: 93454
 Ion Ratio Lower Upper
 76 100
 78 31.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.521 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

Tgt Ion: 63 Resp: 123818
 Ion Ratio Lower Upper
 63 100
 106 38.8 27.1 40.7

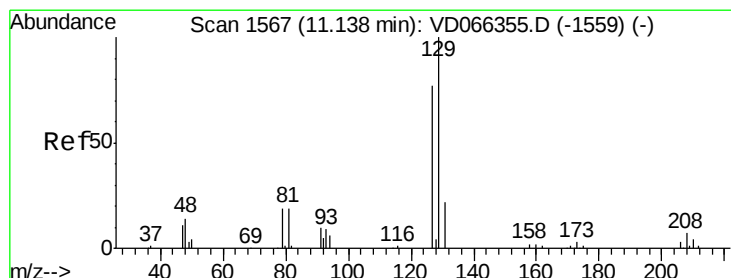
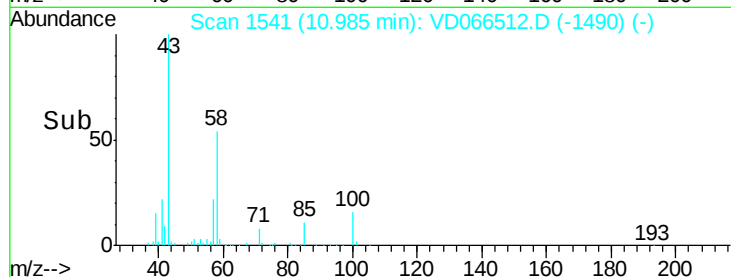
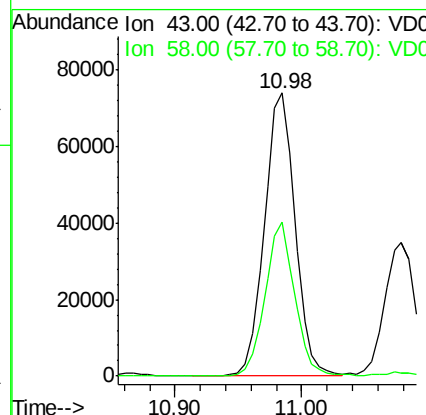
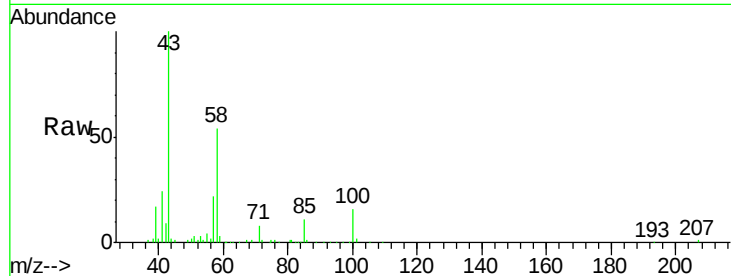




#59
2-Hexanone
Concen: 253.151 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

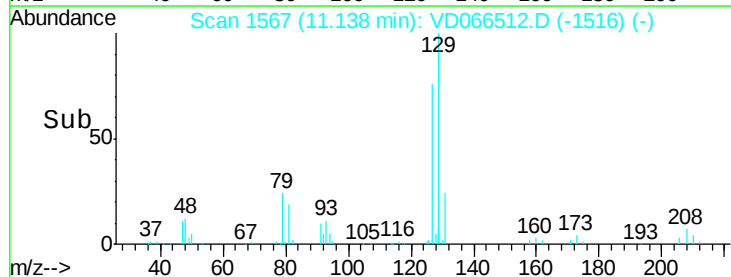
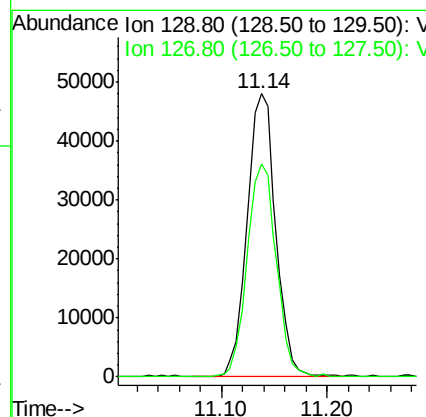
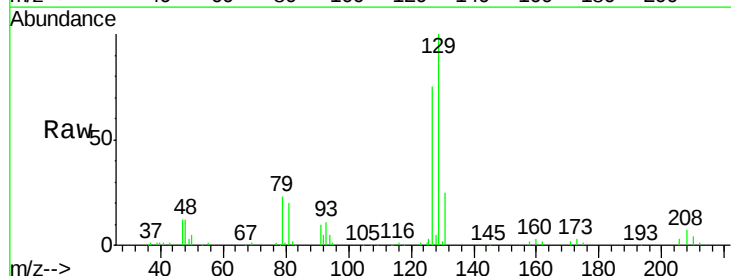
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

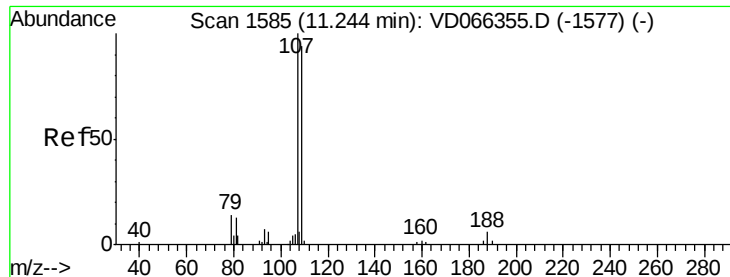
Tot Ion: 43 Resp: 124568
Ion Ratio Lower Upper
43 100
58 52.9 26.3 78.8



#60
Dibromochloromethane
Concen: 56.564 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion: 129 Resp: 90538
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

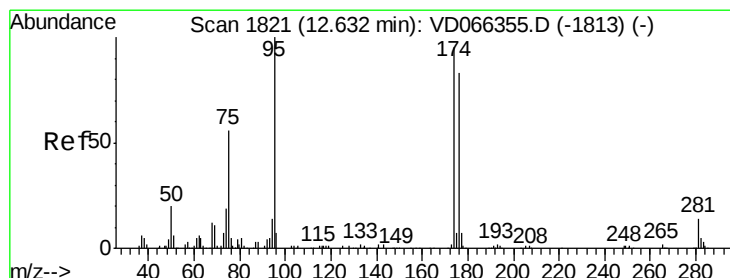
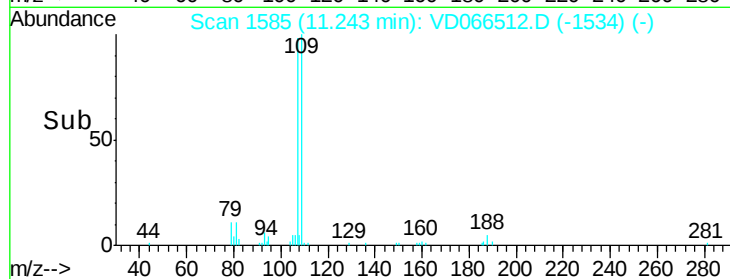
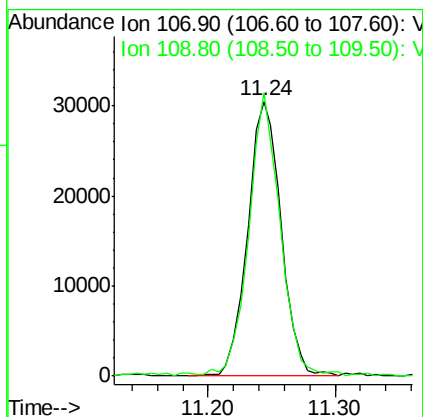
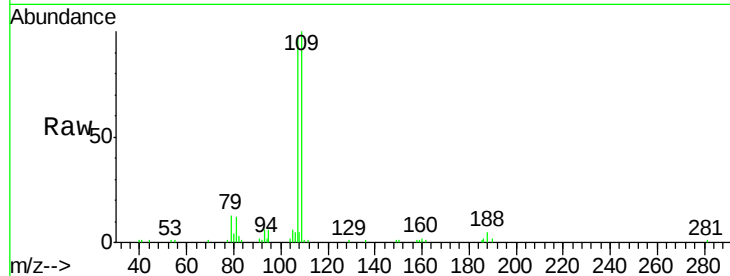




#61
 1,2-Dibromoethane
 Concen: 53.646 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

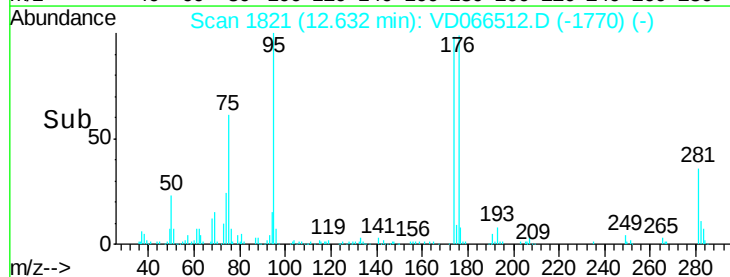
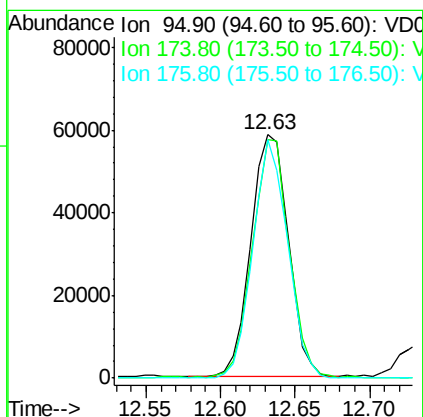
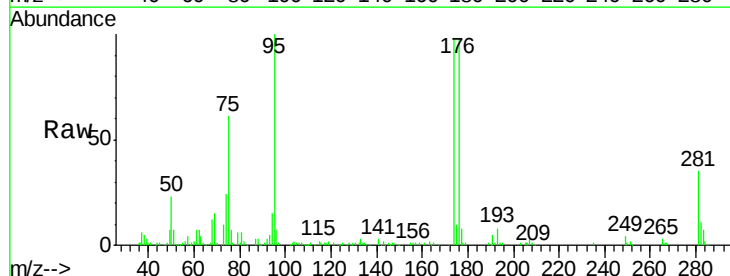
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

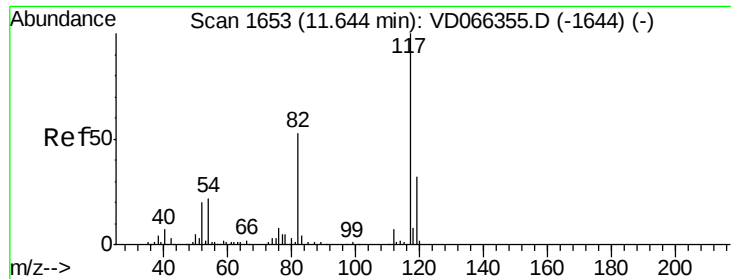
Tot Ion:107 Resp: 56060
 Ion Ratio Lower Upper
 107 100
 109 96.7 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 54.041 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

Tgt Ion: 95 Resp: 101573
 Ion Ratio Lower Upper
 95 100
 174 97.0 0.0 183.4
 176 91.3 0.0 173.8

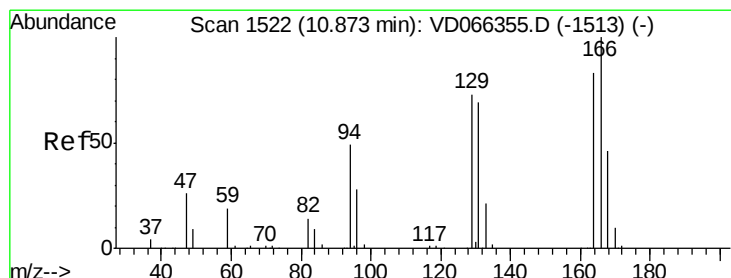
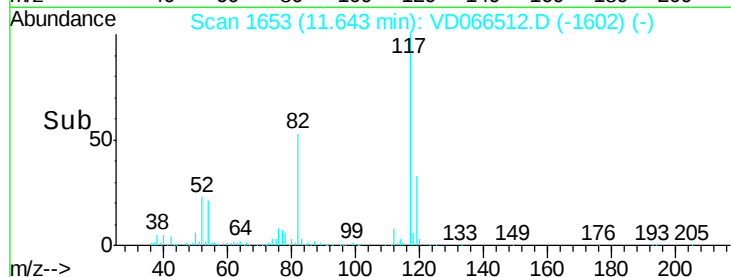
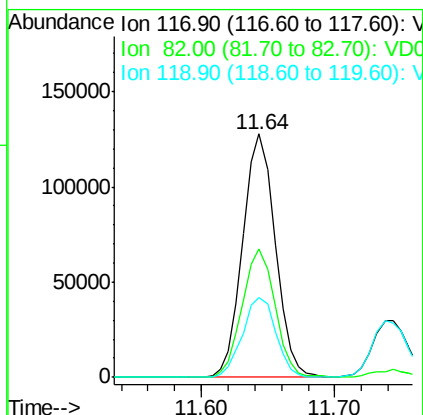
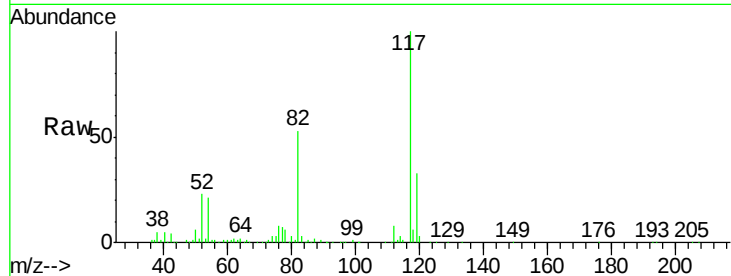




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

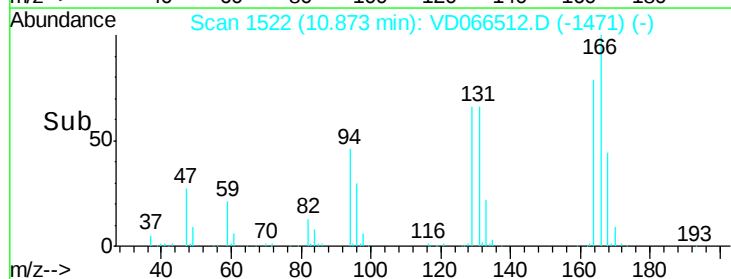
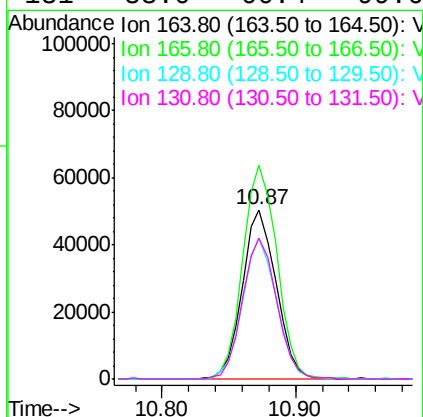
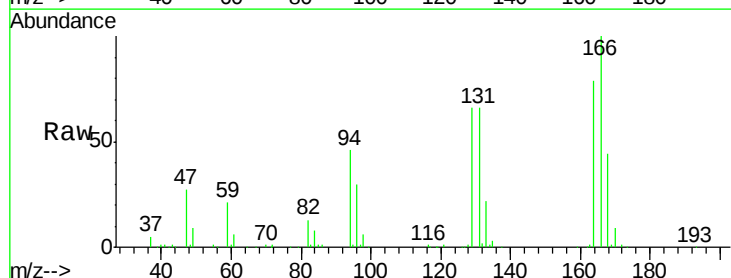
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

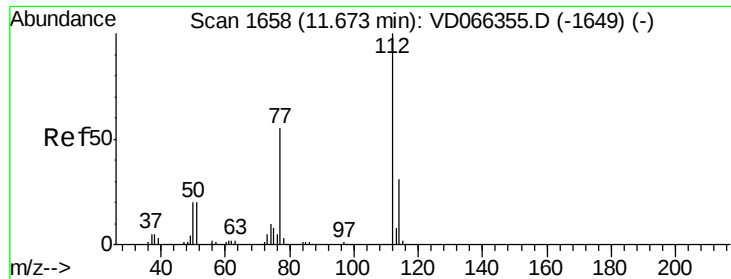
Tot Ion:117 Resp: 216588
Ion Ratio Lower Upper
117 100
82 52.6 42.8 64.2
119 32.8 25.8 38.8



#64
Tetrachloroethene
Concen: 53.746 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion:164 Resp: 88306
Ion Ratio Lower Upper
164 100
166 126.1 96.2 144.4
129 83.4 70.3 105.5
131 83.0 66.4 99.6

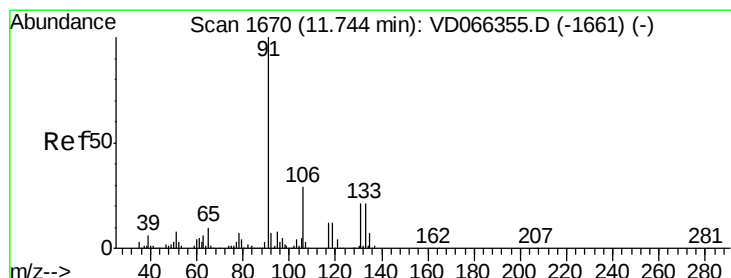
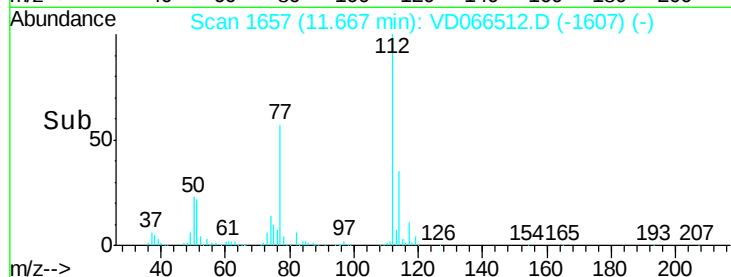
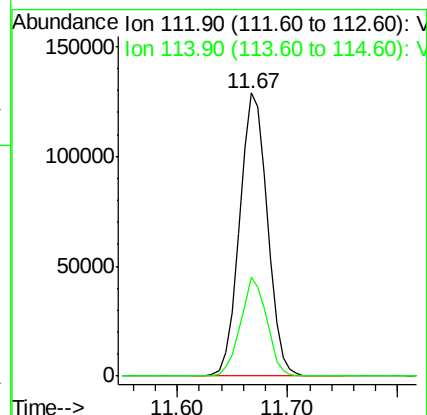
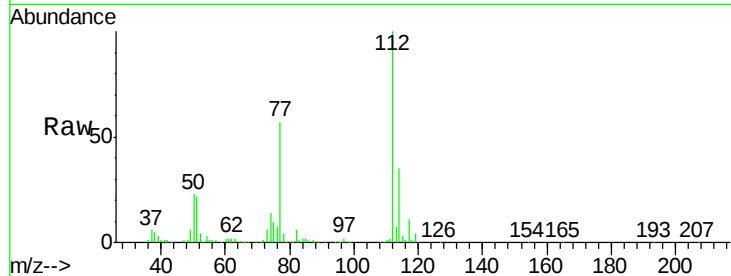




#65
Chlorobenzene
Concen: 52.958 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

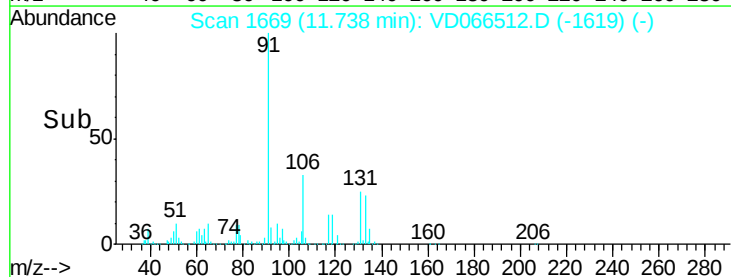
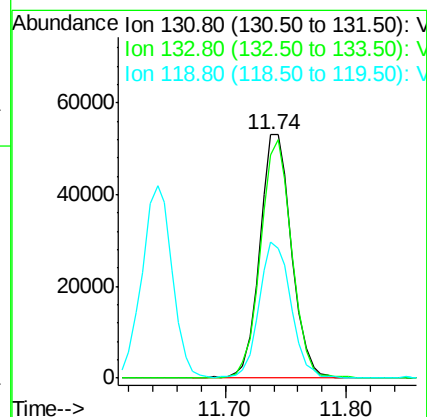
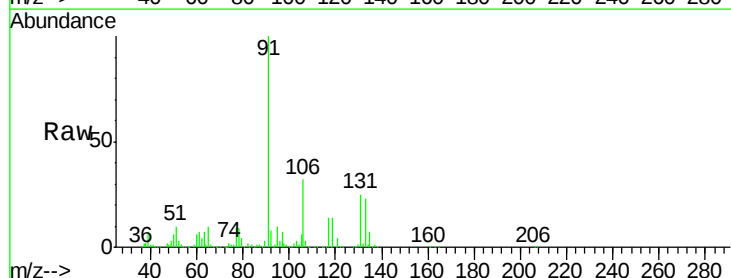
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

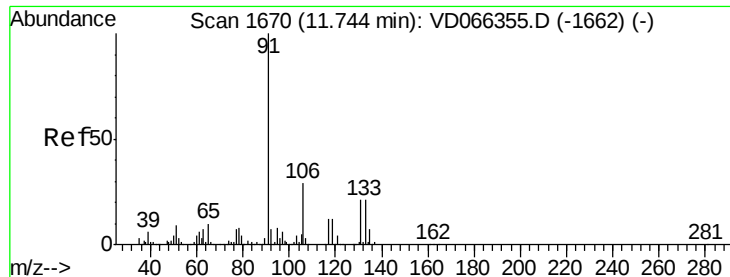
Tot Ion:112 Resp: 228198
Ion Ratio Lower Upper
112 100
114 34.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.999 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion:131 Resp: 96851
Ion Ratio Lower Upper
131 100
133 96.6 48.6 145.9
119 56.4 29.0 87.1

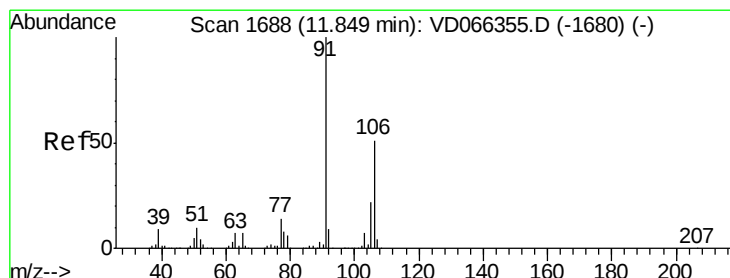
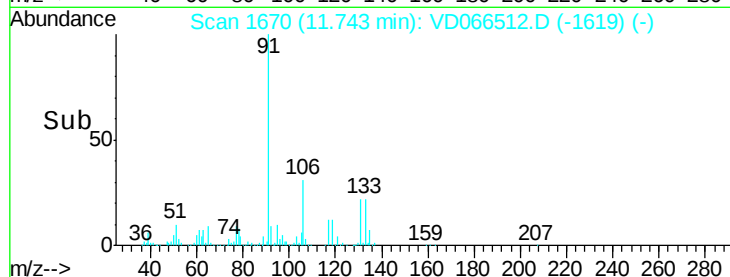
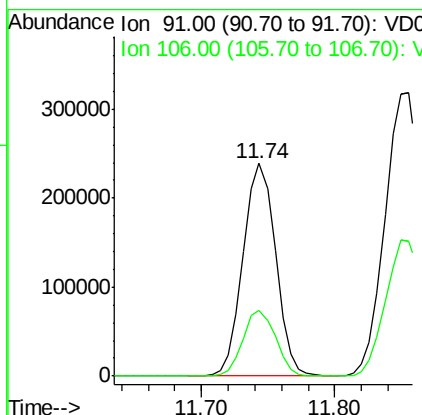
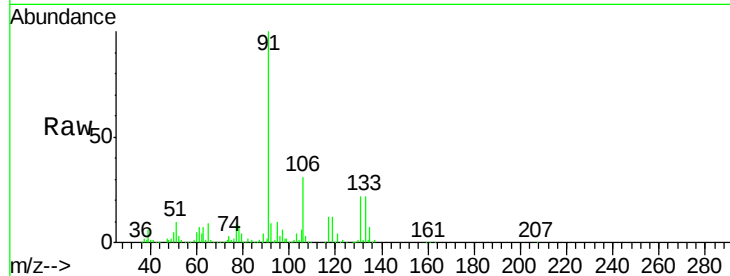




#67
Ethyl Benzene
Concen: 53.105 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

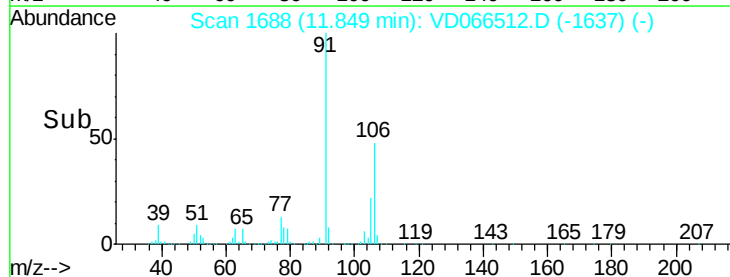
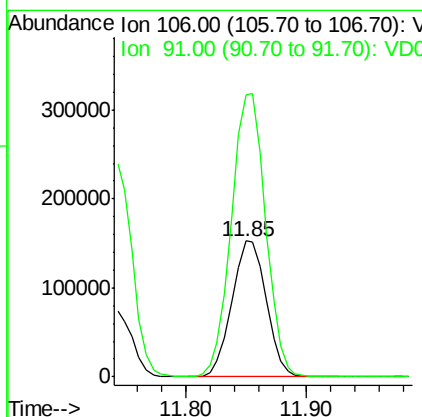
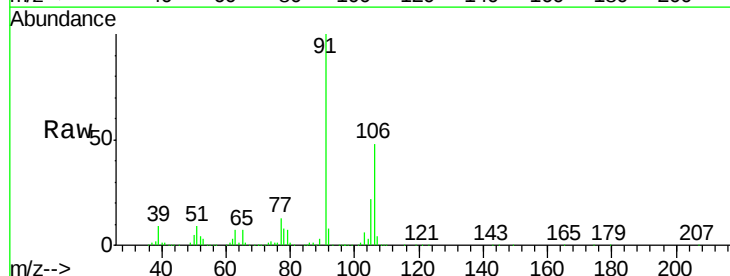
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

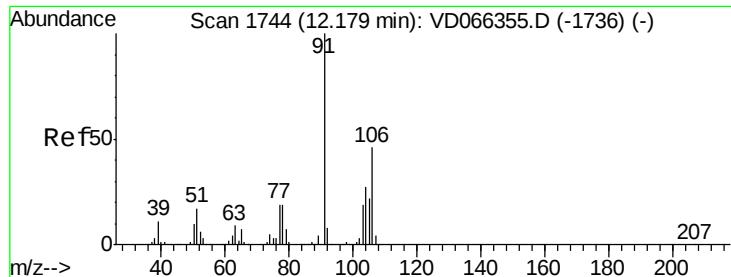
Tot Ion: 91 Resp: 402800
Ion Ratio Lower Upper
91 100
106 30.9 23.4 35.2



#68
m/p-Xylenes
Concen: 105.022 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion: 106 Resp: 303623
Ion Ratio Lower Upper
106 100
91 206.8 160.7 241.1

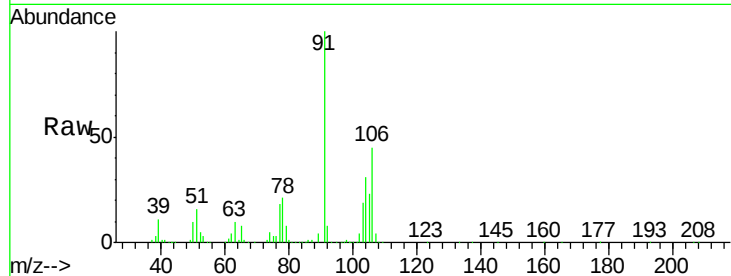




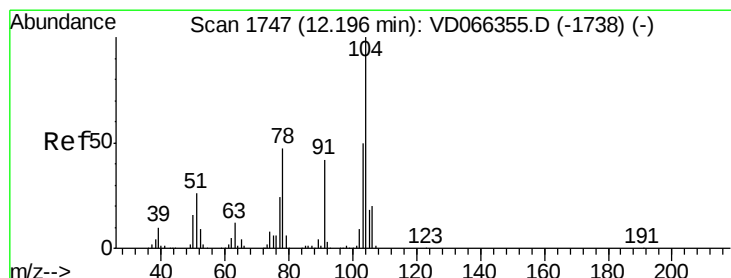
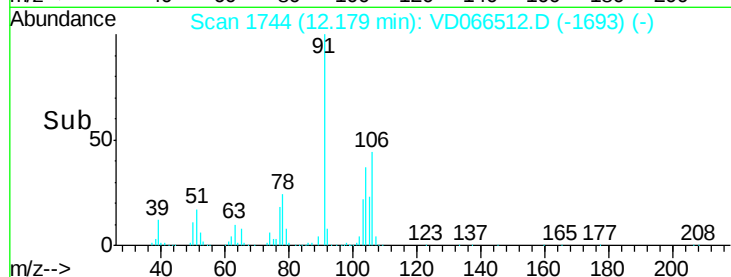
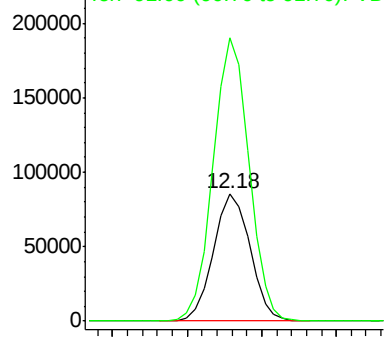
#69
o-Xylene
Concen: 54.110 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 145530
Ion Ratio Lower Upper
106 100
91 218.8 109.1 327.3

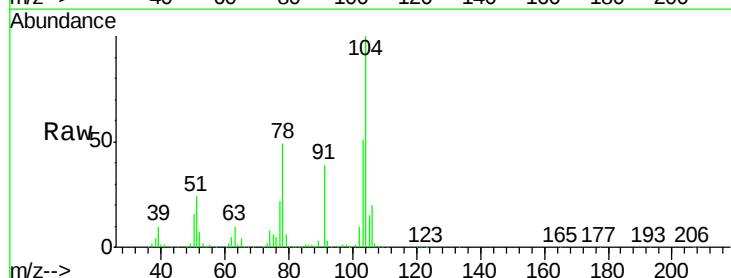


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

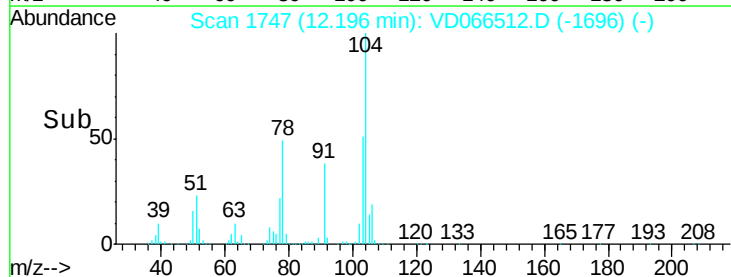
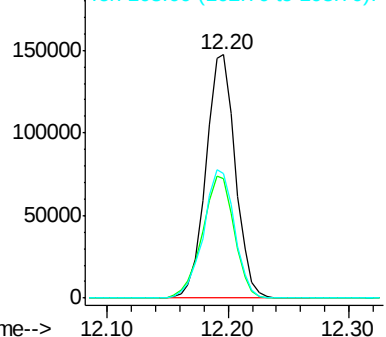


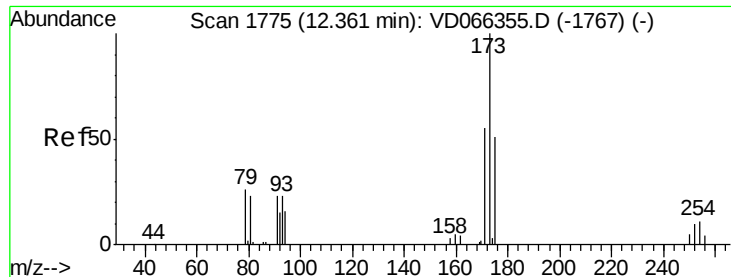
#70
Styrene
Concen: 54.244 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion:104 Resp: 250504
Ion Ratio Lower Upper
104 100
78 54.2 41.7 62.5
103 55.9 43.5 65.3



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: 56.465 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

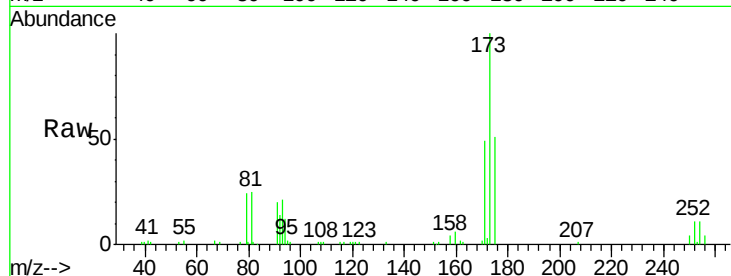
Tot Ion:173 Resp: 56413

Ion Ratio Lower Upper

173 100

175 48.0 24.8 74.3

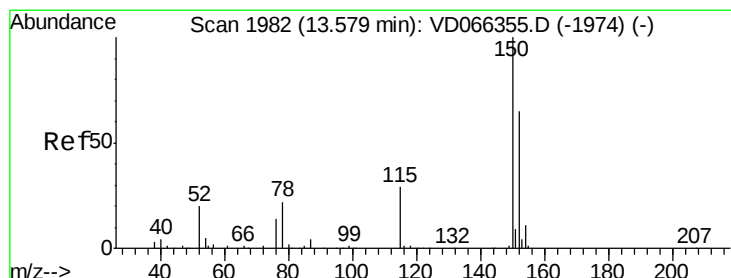
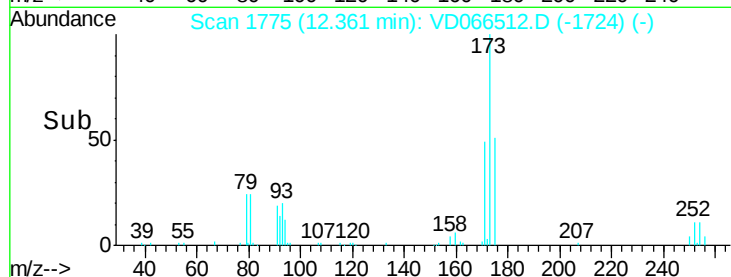
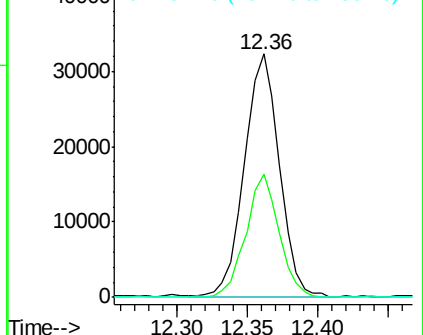
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

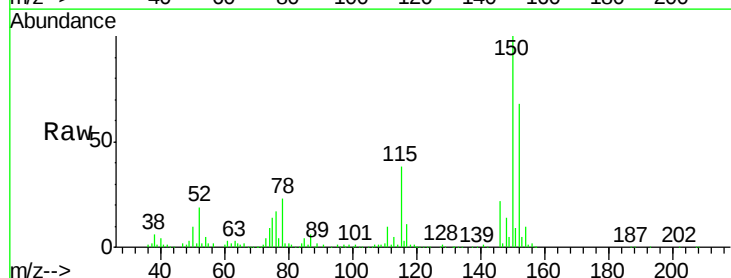
Tgt Ion:152 Resp: 117662

Ion Ratio Lower Upper

152 100

115 59.1 28.3 85.0

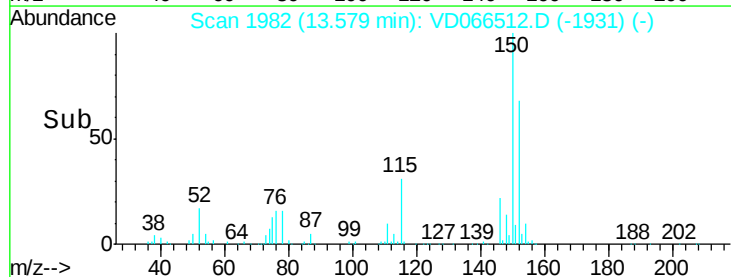
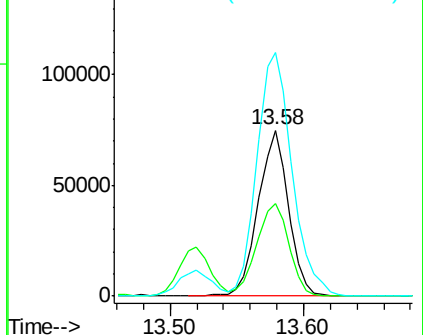
150 169.5 0.0 343.2

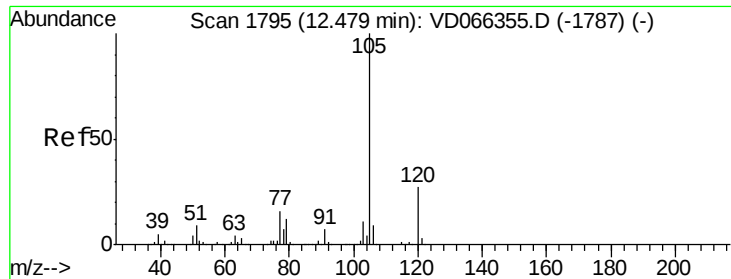


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

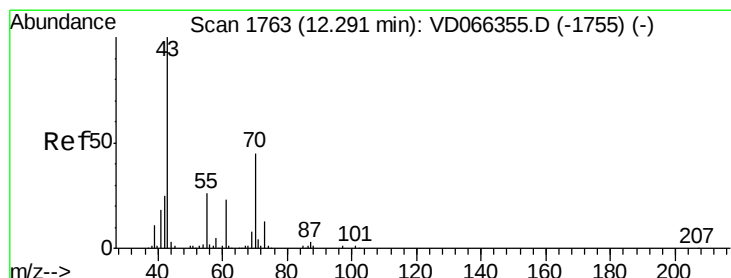
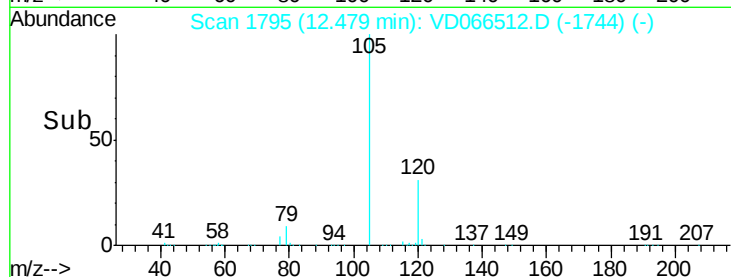
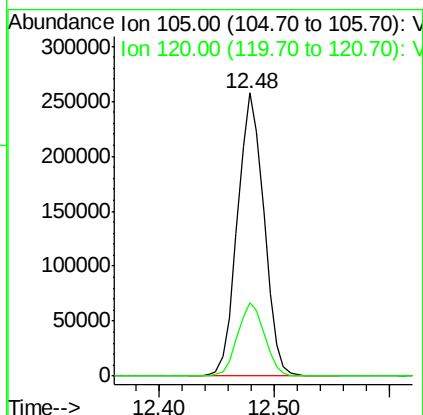
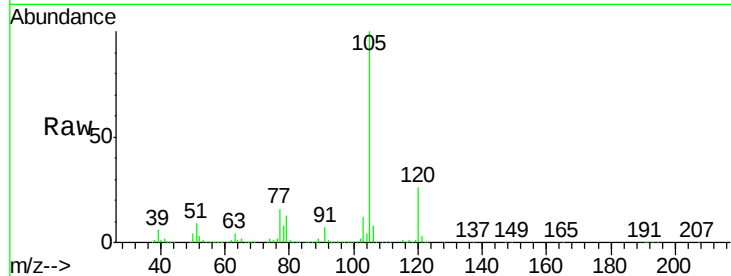




#73
Isopropylbenzene
Concen: 52.036 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

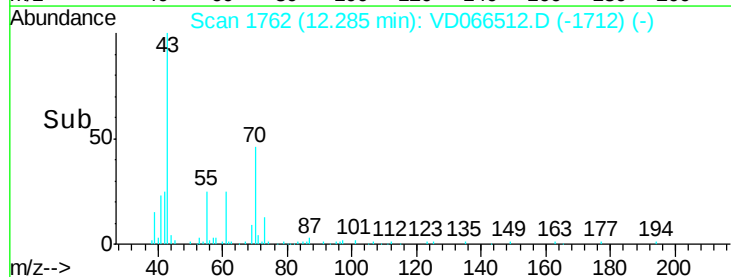
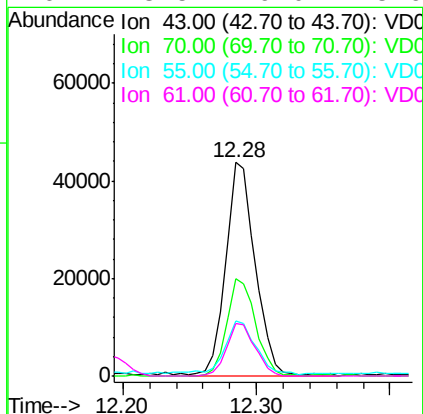
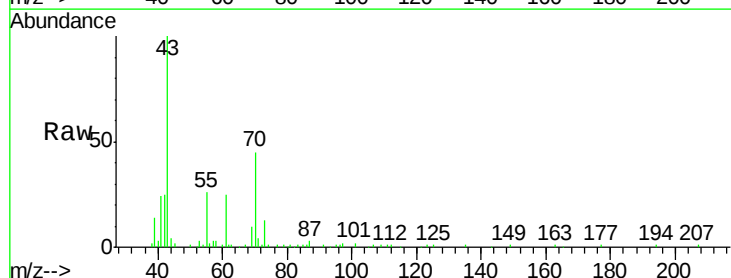
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

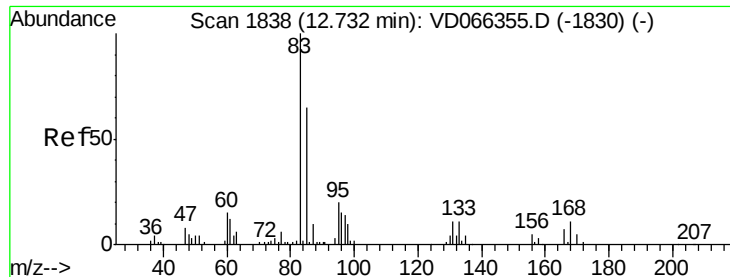
Tot Ion:105 Resp: 410150
Ion Ratio Lower Upper
105 100
120 26.3 13.6 40.8



#74
N-ethyl acetate
Concen: 47.951 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion: 43 Resp: 68263
Ion Ratio Lower Upper
43 100
70 44.1 34.8 52.2
55 26.5 20.3 30.5
61 23.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.696 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

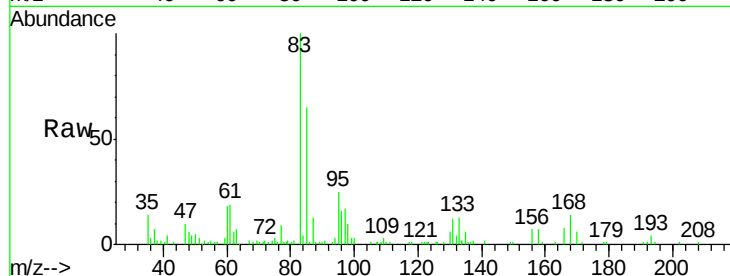
Tot Ion: 83 Resp: 52579

Ion Ratio Lower Upper

83 100

131 17.5 7.0 20.9

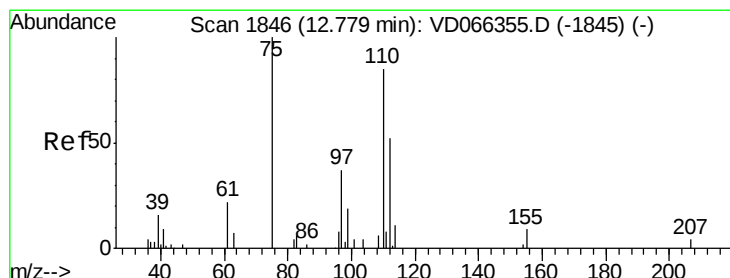
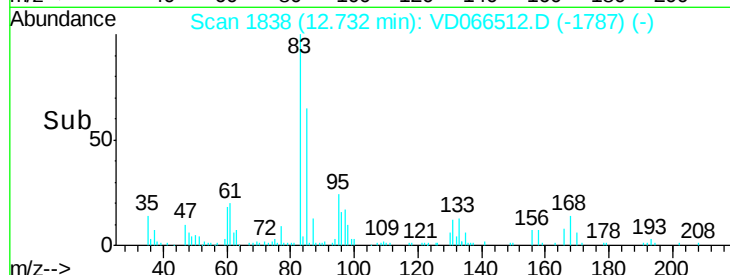
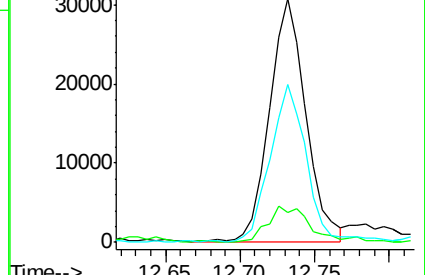
85 65.0 32.4 97.0



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: 55.722 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066512.D

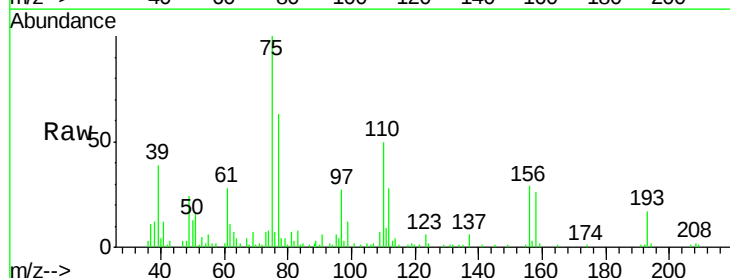
Acq: 01 Sep 2020 22:36

Tgt Ion: 75 Resp: 46124

Ion Ratio Lower Upper

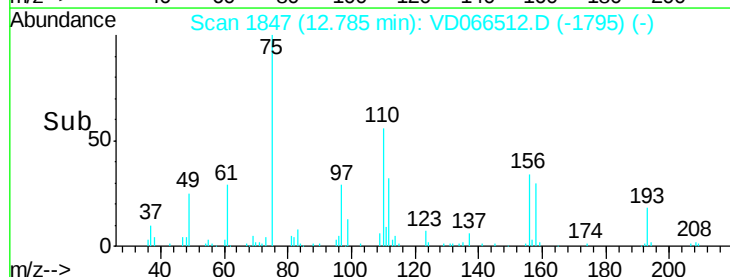
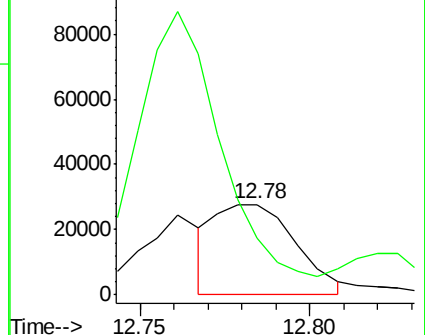
75 100

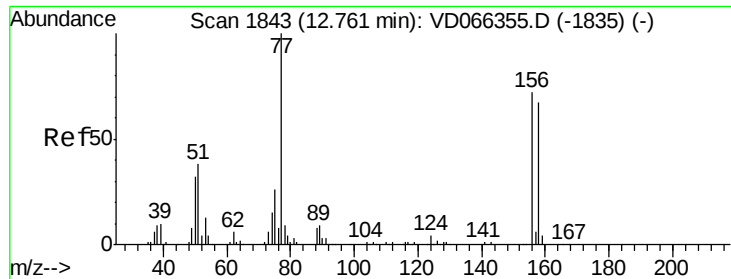
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.812 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

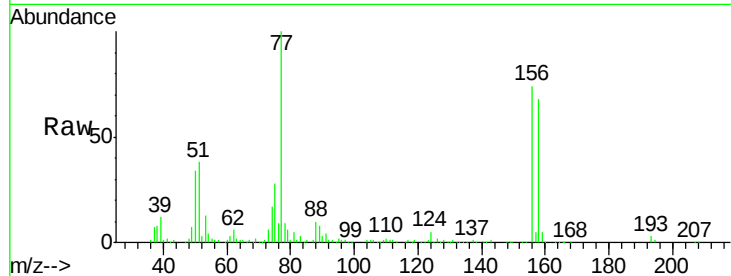
Tot Ion:156 Resp: 105655

Ion Ratio Lower Upper

156 100

77 148.0 76.1 228.3

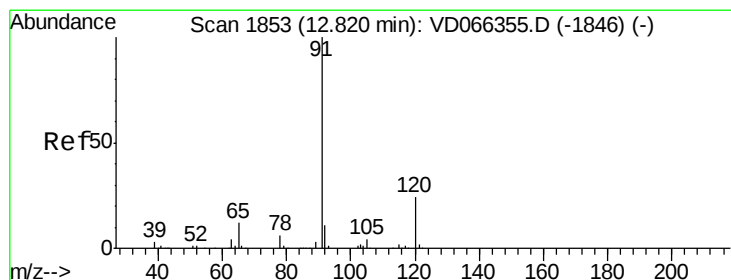
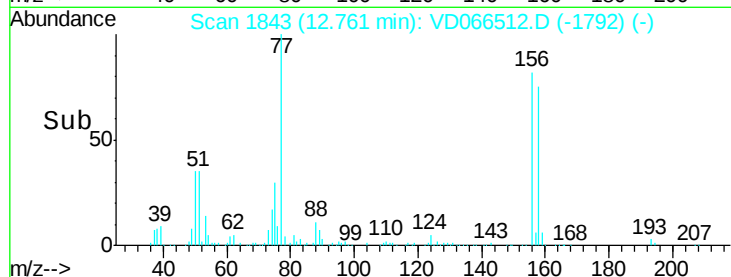
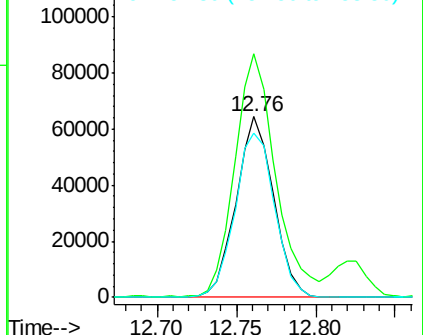
158 96.1 47.6 142.9



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: 48.380 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066512.D

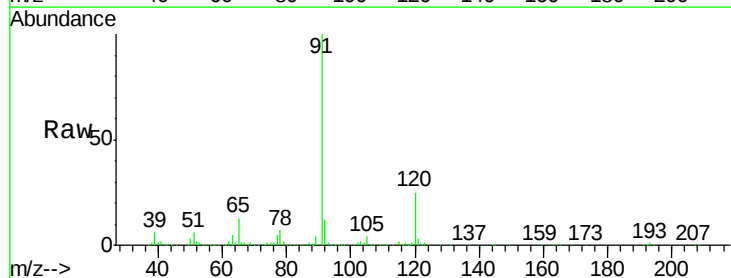
Acq: 01 Sep 2020 22:36

Tgt Ion: 91 Resp: 437238

Ion Ratio Lower Upper

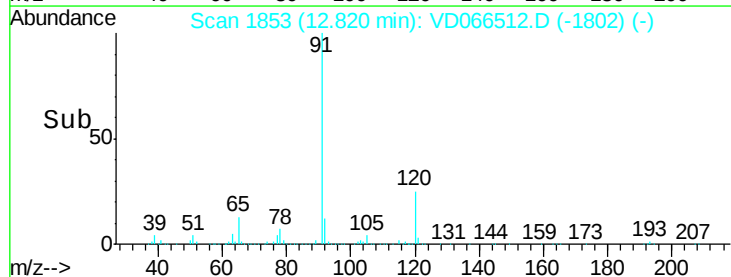
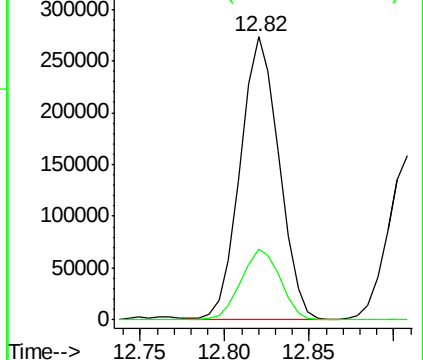
91 100

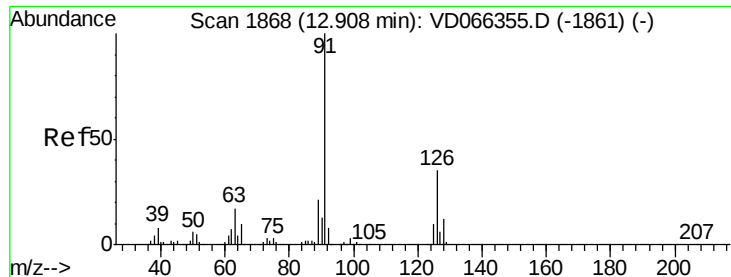
120 25.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.055 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

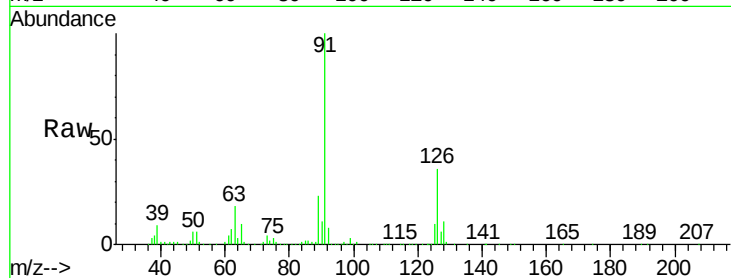
VSTDCCC050EC

Tot Ion: 91 Resp: 258371

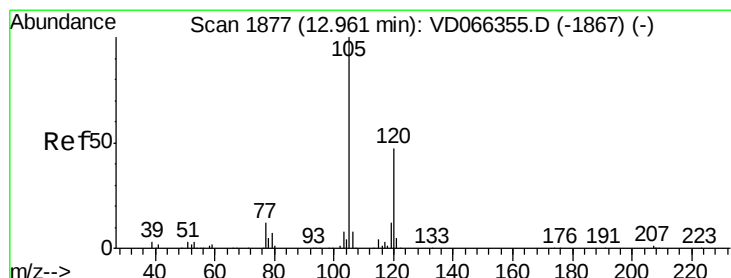
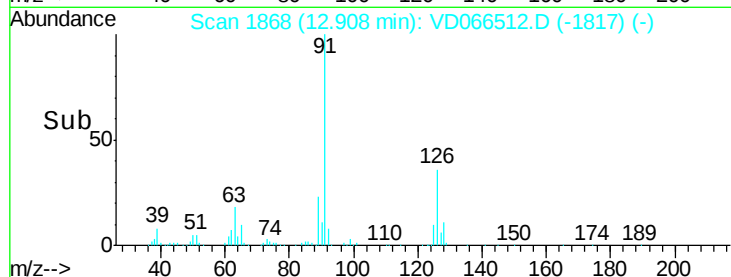
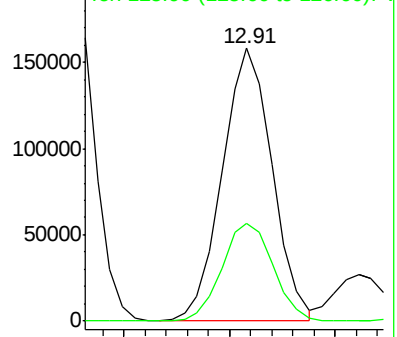
Ion Ratio Lower Upper

91 100

126 37.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD066512.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.877 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066512.D

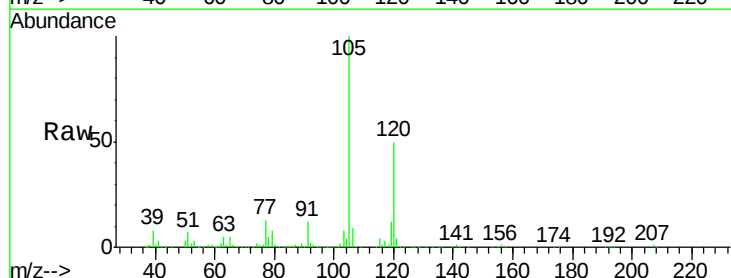
Acq: 01 Sep 2020 22:36

Tgt Ion: 105 Resp: 353049

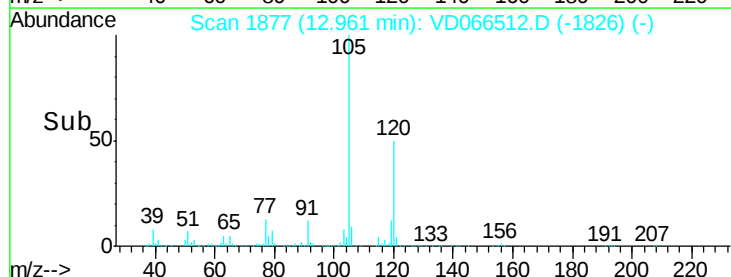
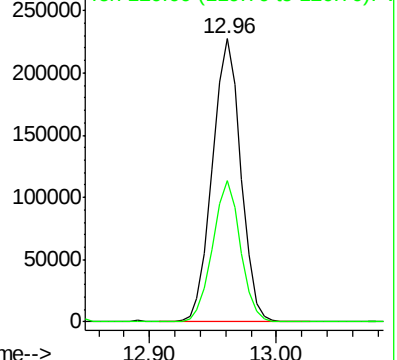
Ion Ratio Lower Upper

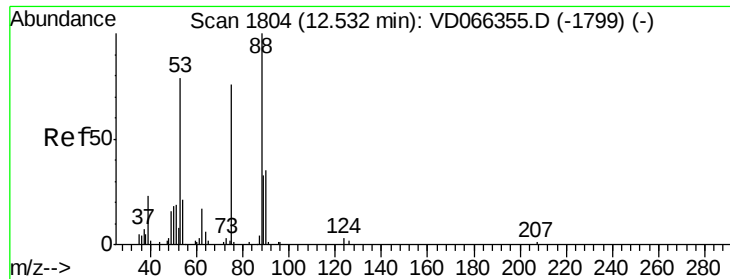
105 100

120 49.0 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066512.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.923 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066512.D

Acq: 01 Sep 2020 22:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

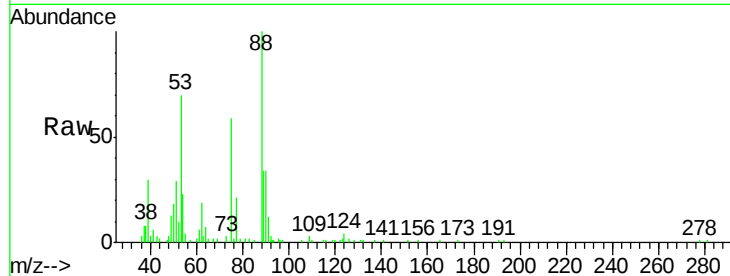
Tot Ion: 75 Resp: 18298

Ion Ratio Lower Upper

75 100

53 126.1 87.4 131.2

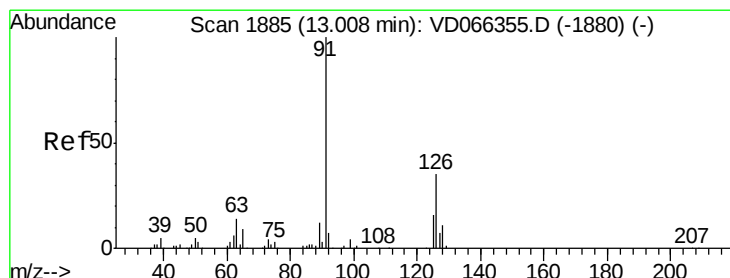
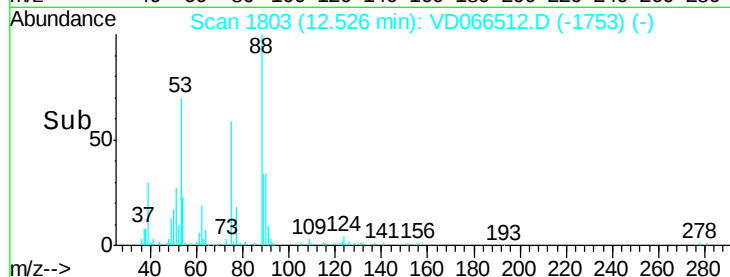
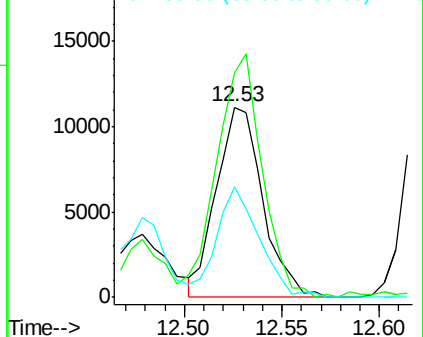
89 54.1 39.4 59.0



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: 50.095 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066512.D

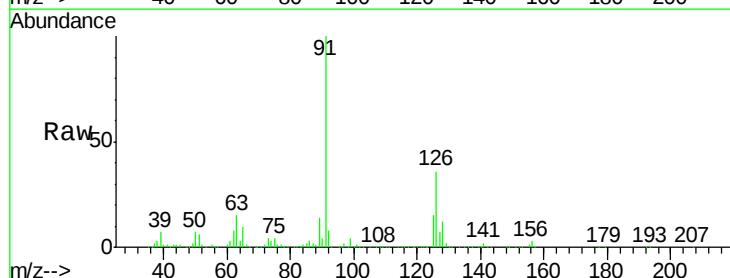
Acq: 01 Sep 2020 22:36

Tgt Ion: 91 Resp: 273956

Ion Ratio Lower Upper

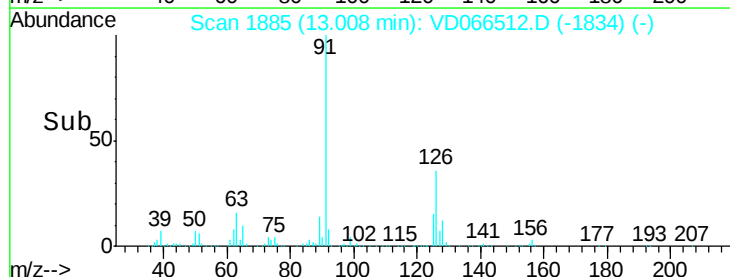
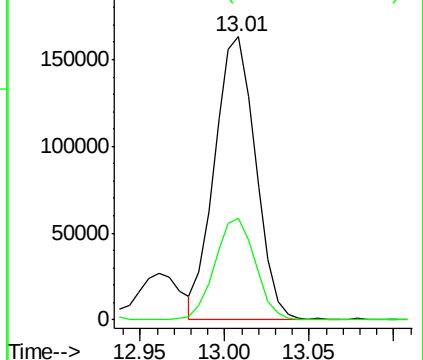
91 100

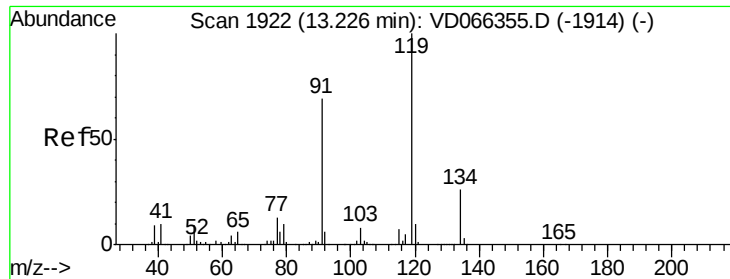
126 35.8 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

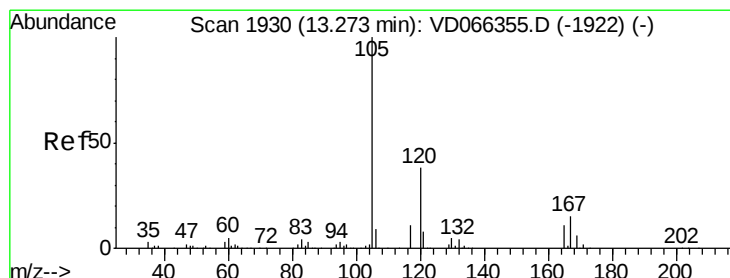
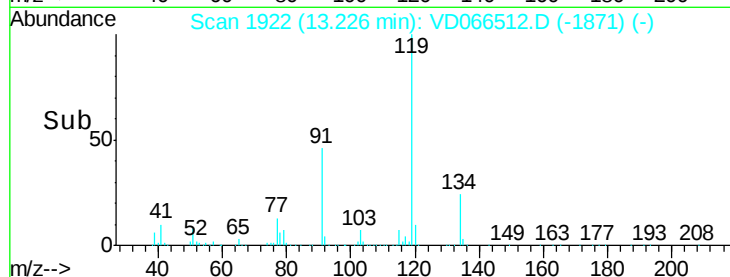
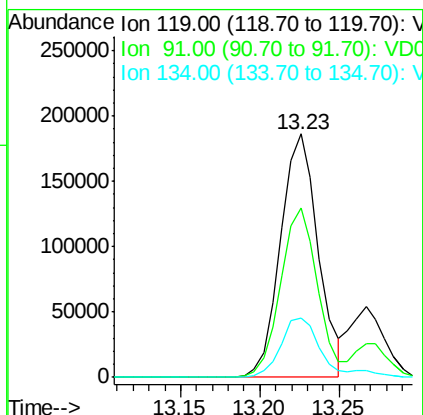
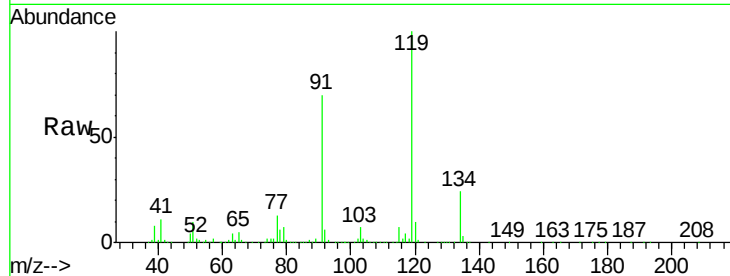




#83
tert-Butylbenzene
Concen: 51.837 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

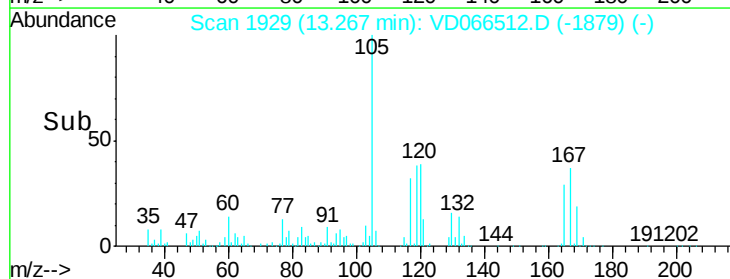
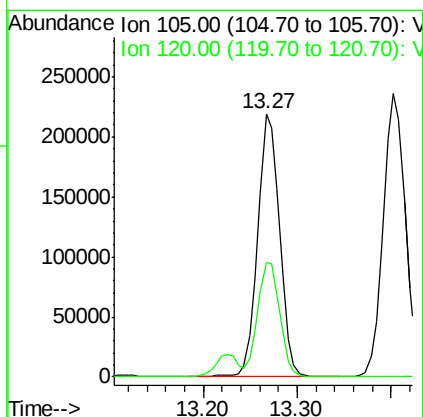
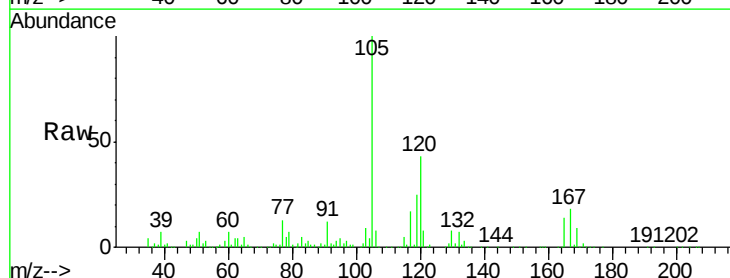
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

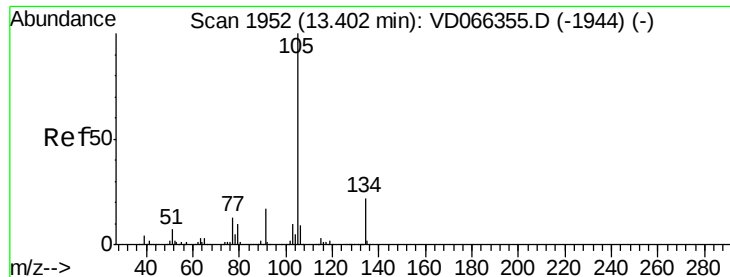
Tot Ion:119 Resp: 306419
Ion Ratio Lower Upper
119 100
91 68.6 33.5 100.5
134 24.7 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 52.950 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion:105 Resp: 353937
Ion Ratio Lower Upper
105 100
120 43.7 22.6 67.7

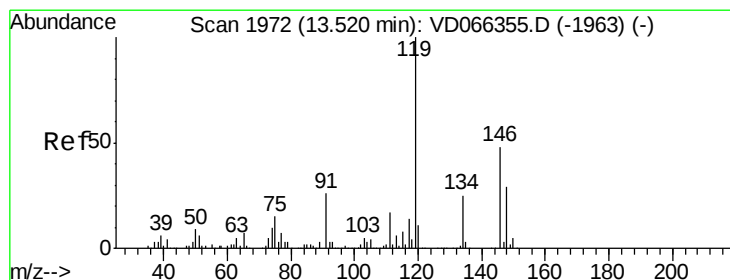
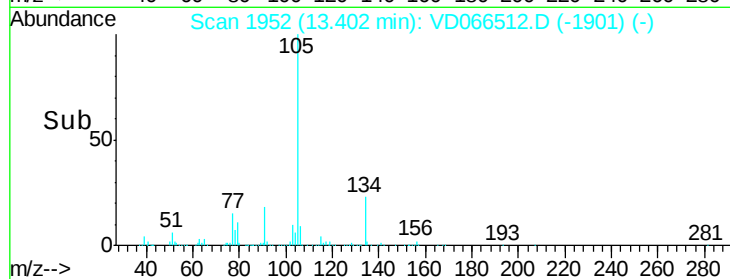
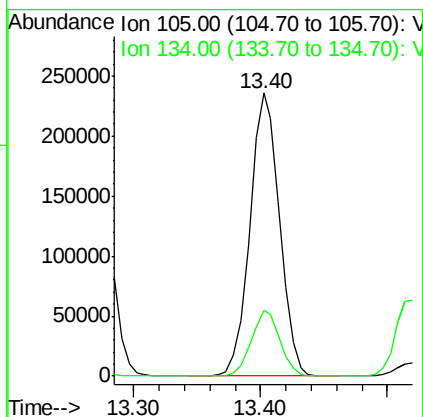
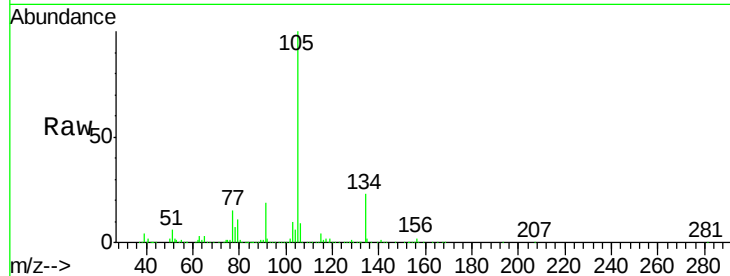




#85
 sec-Butylbenzene
 Concen: 49.486 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

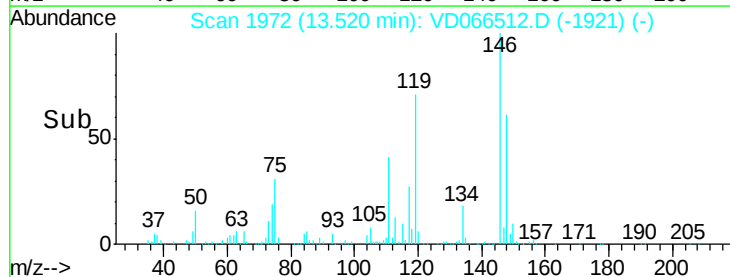
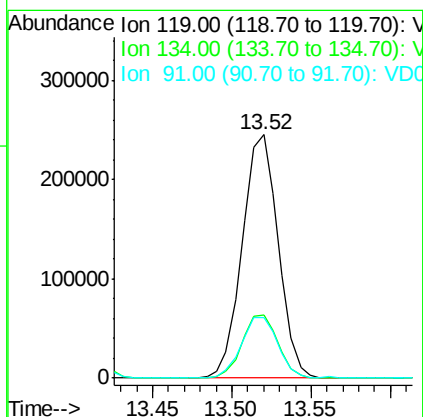
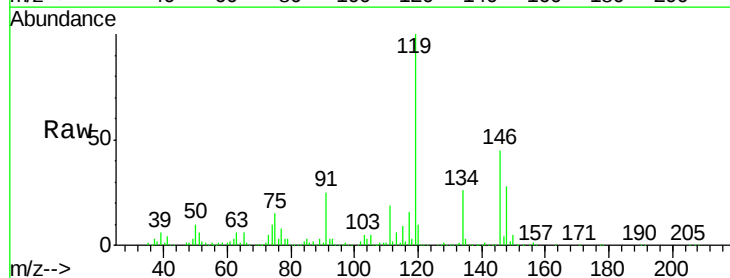
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

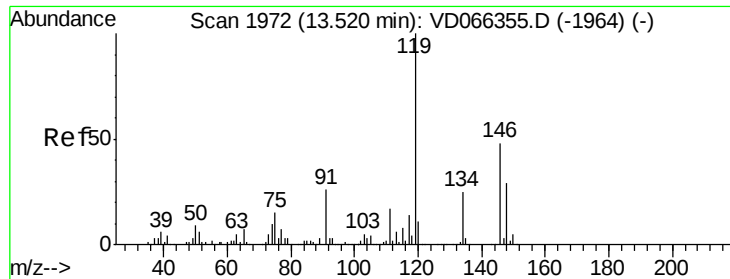
Tot Ion:105 Resp: 383257
 Ion Ratio Lower Upper
 105 100
 134 22.4 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 51.660 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

Tgt Ion:119 Resp: 385789
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 25.3 12.7 38.0

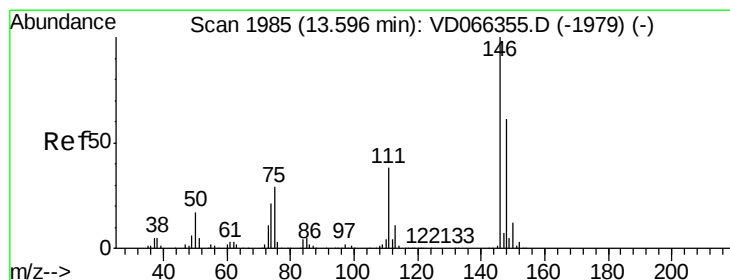
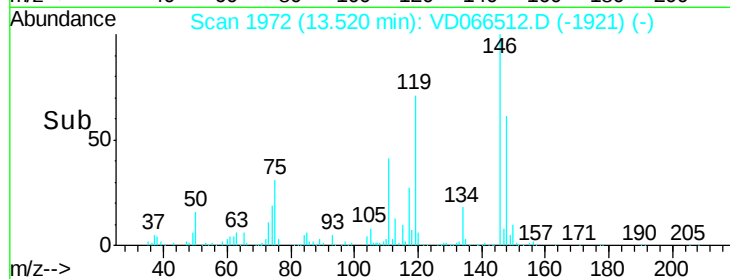
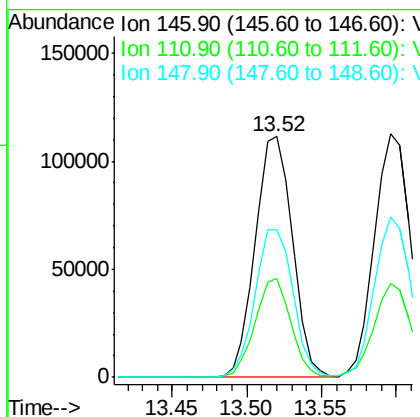
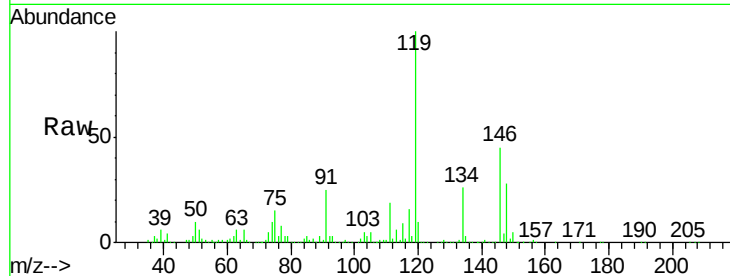




#87
 1,3-Dichlorobenzene
 Concen: 51.572 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

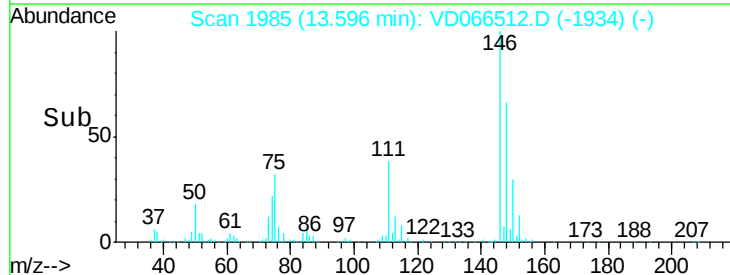
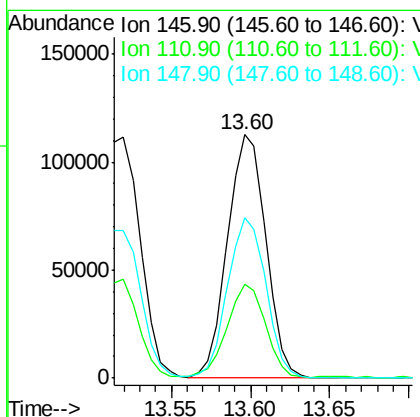
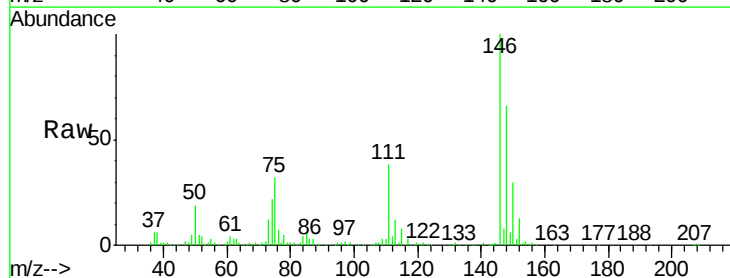
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

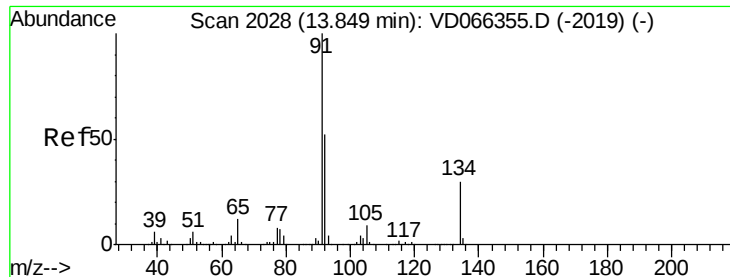
Tot Ion:146 Resp: 192590
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.9 56.9
 148 62.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.472 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

Tgt Ion:146 Resp: 189252
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.5
 148 65.9 32.1 96.3

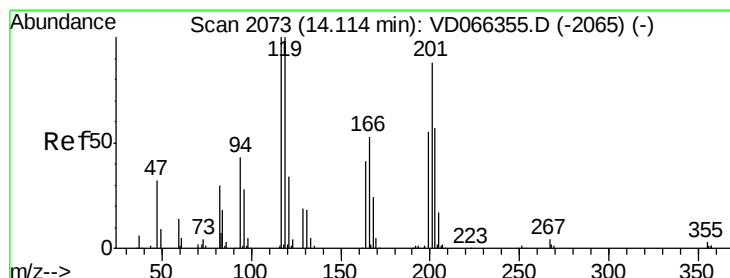
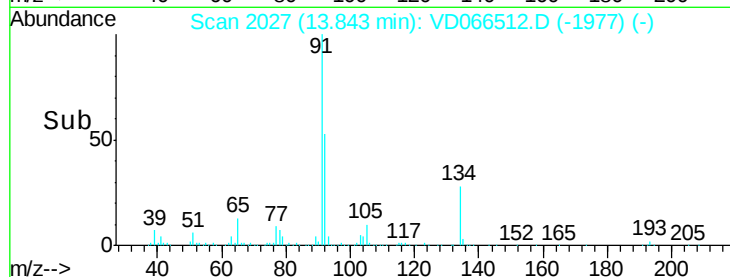
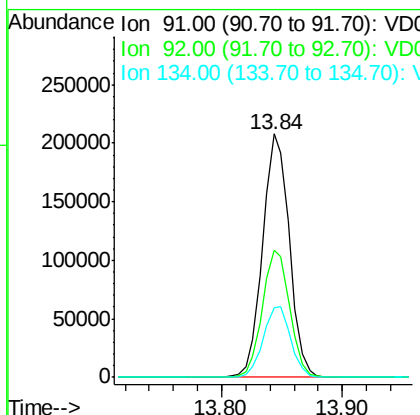
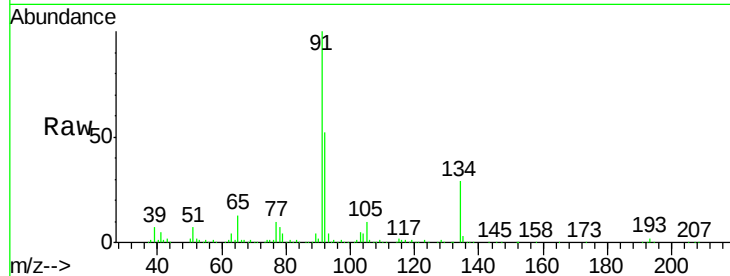




#89
n-Butylbenzene
Concen: 48.438 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

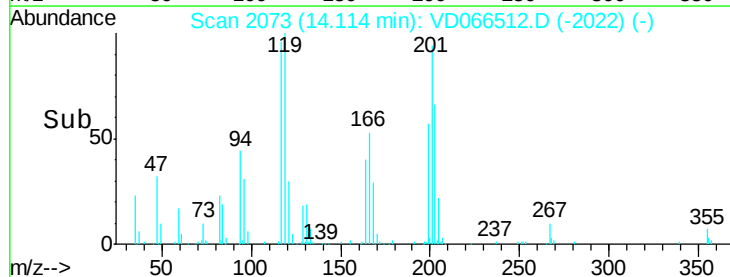
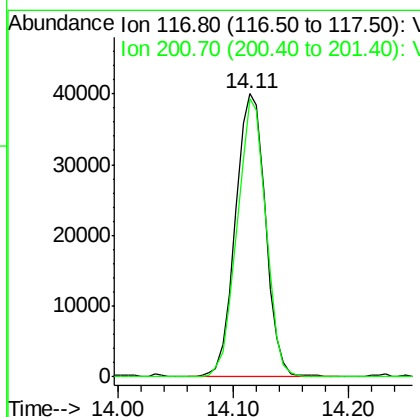
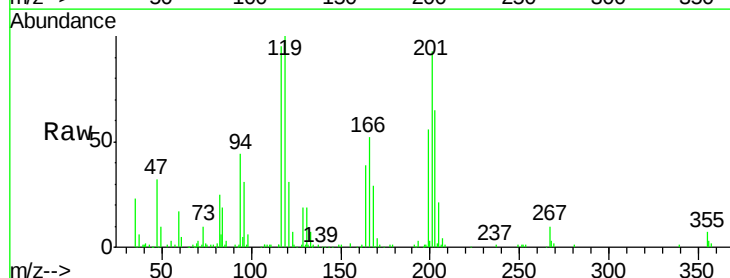
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

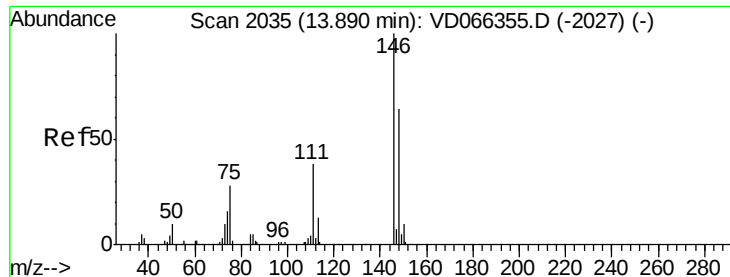
Tot Ion: 91 Resp: 319208
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.0
134 30.0 14.4 43.4



#90
Hexachloroethane
Concen: 48.830 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion: 117 Resp: 72035
Ion Ratio Lower Upper
117 100
201 93.7 45.4 136.2

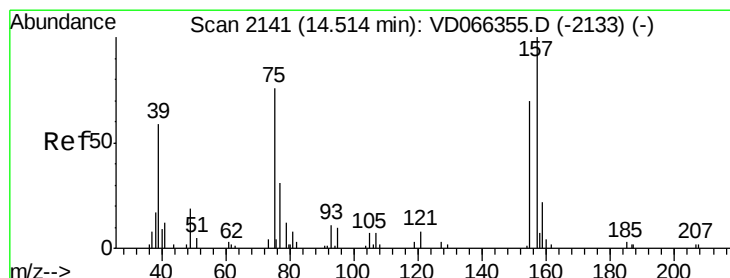
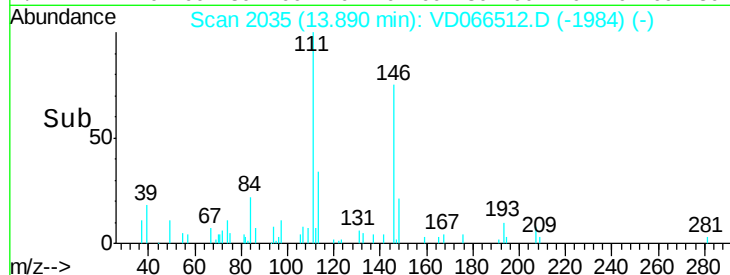
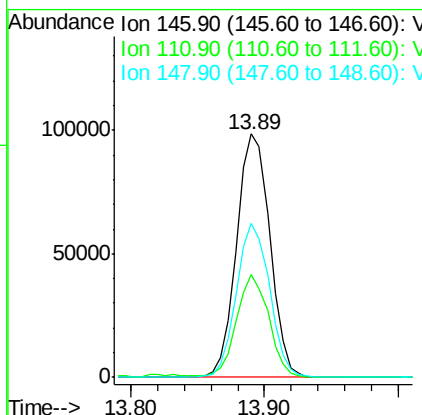
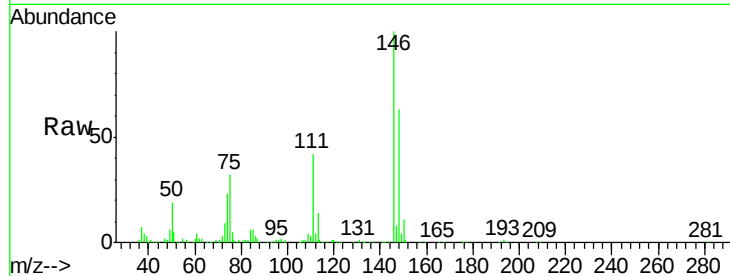




#91
 1,2-Dichlorobenzene
 Concen: 52.897 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

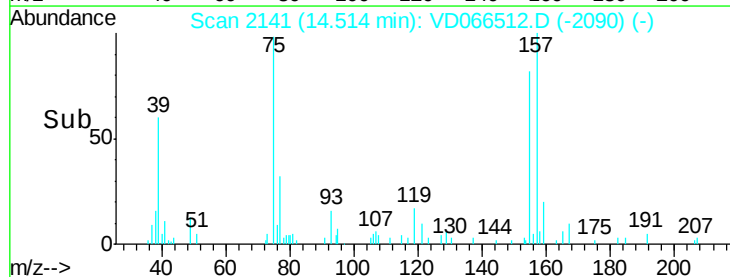
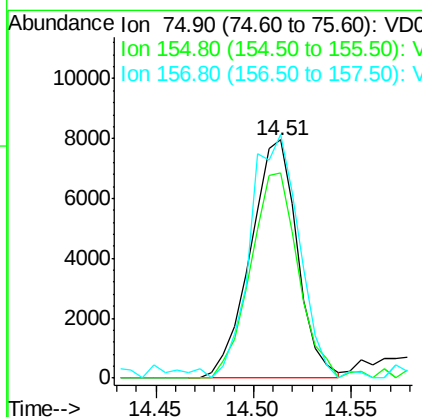
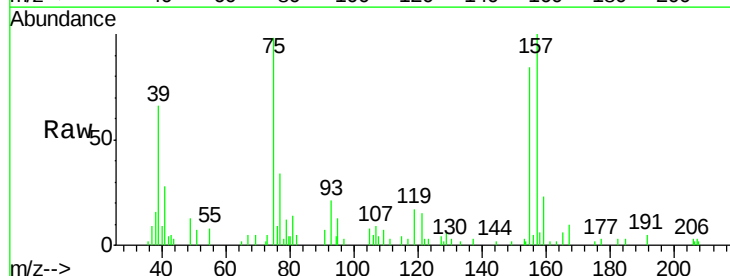
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

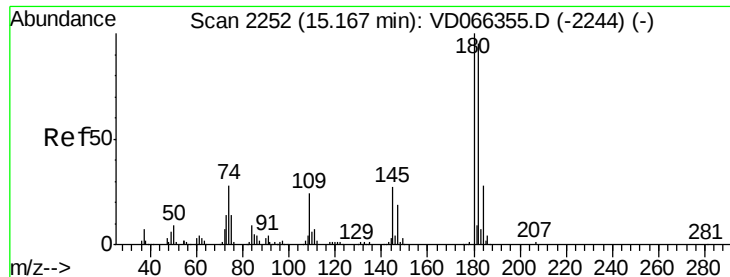
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.9	59.7
148	63.1	32.6	97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.895 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.7	46.9	140.6
157	106.9	61.0	183.0

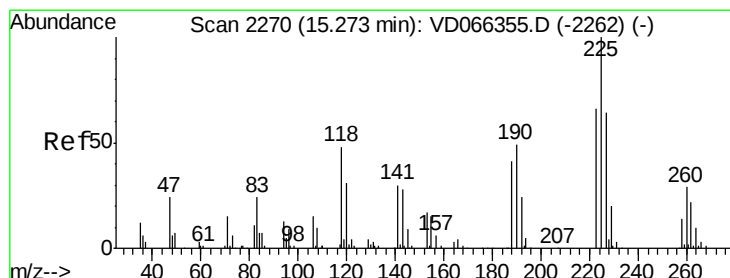
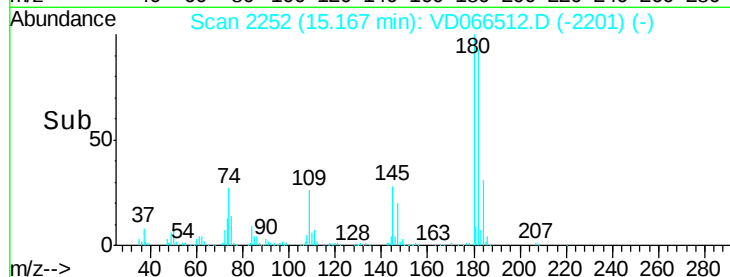
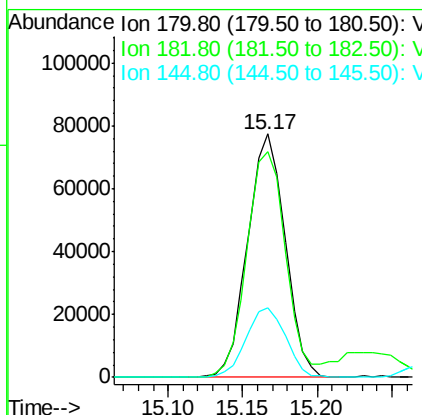
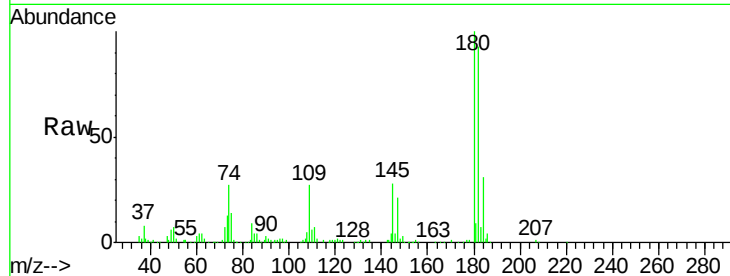




#93
 1,2,4-Trichlorobenzene
 Concen: 53.578 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

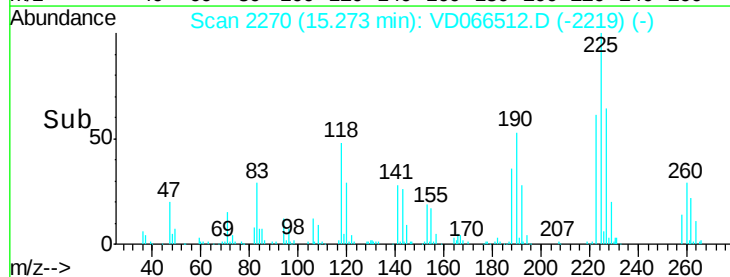
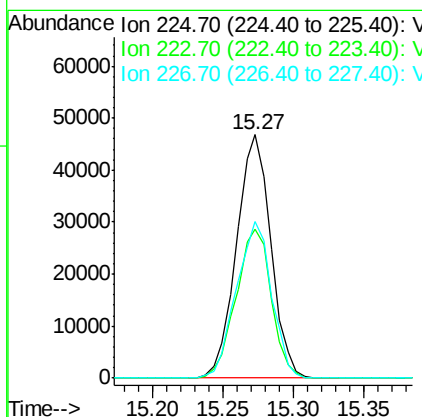
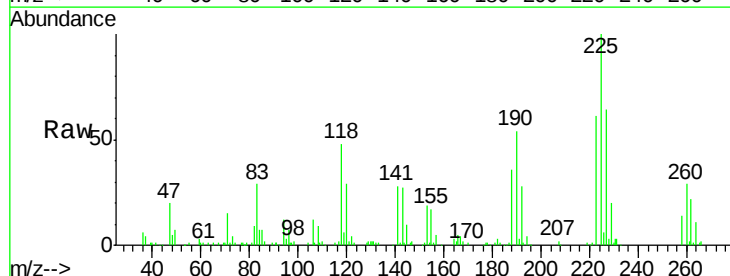
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

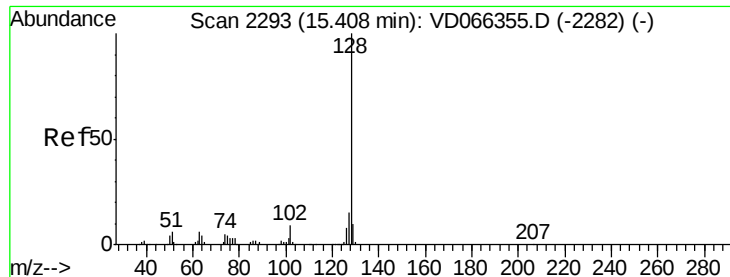
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.0
145	30.1	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 50.990 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066512.D
 Acq: 01 Sep 2020 22:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.5	97.4
227	65.8	33.0	98.9

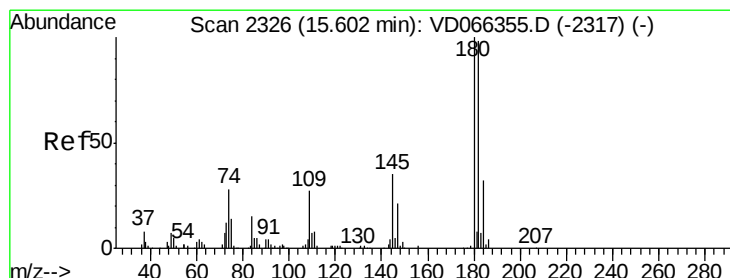
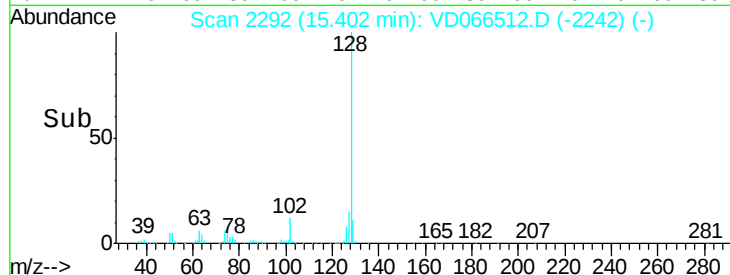
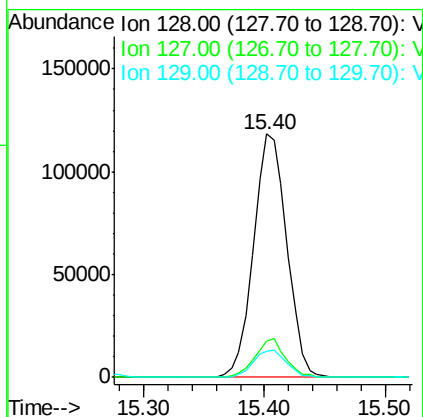
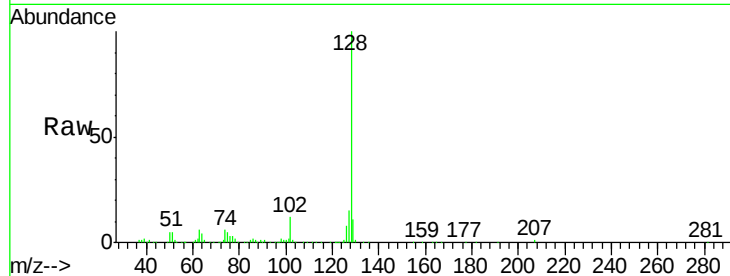




#95
Naphthalene
Concen: 57.009 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 224725
Ion Ratio Lower Upper
128 100
127 14.3 10.7 16.1
129 11.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 54.047 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066512.D
Acq: 01 Sep 2020 22:36

Tgt Ion:180 Resp: 116199
Ion Ratio Lower Upper
180 100
182 109.7 46.7 140.0
145 32.6 16.0 48.0

