

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090220\
 Data File : VD066516.D
 Acq On : 02 Sep 2020 11:49
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Sep 02 14:06:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 14:03:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	177496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	240046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	220150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	117152	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	17173	9.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.00%	
35) Dibromofluoromethane	7.91	113	13630	9.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.88%	
50) Toluene-d8	10.34	98	50952	9.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.80%	
62) 4-Bromofluorobenzene	12.63	95	19567	10.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.26%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	16257	10.736 ug/l	99
3) Chloromethane	2.21	50	9042	9.933 ug/l #	85
4) Vinyl Chloride	2.35	62	11842	10.668 ug/l	99
5) Bromomethane	2.77	94	9235	10.179 ug/l	93
6) Chloroethane	2.91	64	8075	10.812 ug/l	95
7) Trichlorofluoromethane	3.27	101	34636	10.236 ug/l	100
8) Diethyl Ether	3.70	74	6478	10.214 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	14209	10.083 ug/l	98
10) Methyl Iodide	4.30	142	13776	8.816 ug/l	97
11) Tert butyl alcohol	5.20	59	6656	47.862 ug/l #	83
12) 1,1-Dichloroethene	4.07	96	13018	9.830 ug/l #	84
13) Acrolein	3.92	56	3223	51.982 ug/l	86
14) Allyl chloride	4.71	41	14254	9.629 ug/l	97
15) Acrylonitrile	5.42	53	12194	53.615 ug/l	92
16) Acetone	4.16	43	14435	51.132 ug/l #	82
17) Carbon Disulfide	4.40	76	38787	10.135 ug/l	99
18) Methyl Acetate	4.71	43	4594	10.125 ug/l	95
19) Methyl tert-butyl Ether	5.47	73	33564	9.713 ug/l	96
20) Methylene Chloride	4.97	84	18005	10.928 ug/l #	94
21) trans-1,2-Dichloroethene	5.47	96	14645	9.668 ug/l #	85
22) Diisopropyl ether	6.36	45	30310	10.216 ug/l #	96
23) Vinyl Acetate	6.30	43	94823	49.714 ug/l	97
24) 1,1-Dichloroethane	6.27	63	23887	10.251 ug/l	95
25) 2-Butanone	7.20	43	14513	49.669 ug/l	95
26) 2,2-Dichloropropane	7.20	77	30950	10.483 ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	16310	9.929 ug/l	98
28) Bromochloromethane	7.54	49	5908	8.764 ug/l #	95
29) Tetrahydrofuran	7.57	42	7160	47.668 ug/l	89
30) Chloroform	7.71	83	30480	10.130 ug/l	96
31) Cyclohexane	7.98	56	21684	10.771 ug/l #	83
32) 1,1,1-Trichloroethane	7.90	97	33887	10.113 ug/l	96
36) 1,1-Dichloropropene	8.11	75	21069	10.013 ug/l	98
37) Ethyl Acetate	7.29	43	7482	11.845 ug/l #	95
38) Carbon Tetrachloride	8.09	117	32846	10.247 ug/l	94

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 VSTDIC010

Quant Time: Sep 02 14:06:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 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	26034	10.590	ug/l	89
40) Benzene	8.35	78	54048	9.957	ug/l	98
41) Methacrylonitrile	7.53	41	3726	10.361	ug/l #	73
42) 1,2-Dichloroethane	8.42	62	23611	10.282	ug/l	98
43) Isopropyl Acetate	8.44	43	13254	10.017	ug/l	98
44) Trichloroethene	9.11	130	19126	10.208	ug/l	94
45) 1,2-Dichloropropane	9.38	63	10531	9.778	ug/l	88
46) Dibromomethane	9.47	93	7405	9.391	ug/l	88
47) Bromodichloromethane	9.66	83	23064	9.842	ug/l	100
48) Methyl methacrylate	9.45	41	6808	10.096	ug/l	93
49) 1,4-Dioxane	9.45	88	1818	197.158	ug/l #	74
51) 4-Methyl-2-Pentanone	10.22	43	29553	48.573	ug/l	95
52) Toluene	10.40	92	38205	9.895	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	21596	10.086	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	22992	10.193	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	10124	10.161	ug/l	91
56) Ethyl methacrylate	10.66	69	11912	10.159	ug/l	94
57) 1,3-Dichloropropane	10.95	76	16662	10.127	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	24066	52.578	ug/l	94
59) 2-Hexanone	10.98	43	23154	52.693	ug/l	96
60) Dibromochloromethane	11.14	129	16486	10.006	ug/l	99
61) 1,2-Dibromoethane	11.24	107	10251	10.094	ug/l	93
64) Tetrachloroethene	10.87	164	17602	10.255	ug/l	94
65) Chlorobenzene	11.67	112	43535	10.051	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.74	131	18637	10.170	ug/l	97
67) Ethyl Benzene	11.74	91	78306	10.263	ug/l	96
68) m/p-Xylenes	11.85	106	58645	19.866	ug/l	97
69) o-Xylene	12.18	106	27478	9.827	ug/l	100
70) Styrene	12.19	104	49854	10.414	ug/l	95
71) Bromoform	12.36	173	9632	9.583	ug/l #	86
73) Isopropylbenzene	12.48	105	80115	10.234	ug/l	99
74) N-amyl acetate	12.29	43	12040	10.200	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	10013	10.825	ug/l	91
76) 1,2,3-Trichloropropane	12.78	75	15427	20.849	ug/l #	1
77) Bromobenzene	12.76	156	20352	10.245	ug/l	97
78) n-propylbenzene	12.83	91	85186	9.986	ug/l	100
79) 2-Chlorotoluene	12.91	91	49072	9.942	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	69830	10.260	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.53	75	3379	10.210	ug/l	90
82) 4-Chlorotoluene	13.01	91	53036	10.004	ug/l	99
83) tert-Butylbenzene	13.23	119	58135	9.739	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	69499	10.210	ug/l	99
85) sec-Butylbenzene	13.40	105	78455	10.374	ug/l	98
86) p-Isopropyltoluene	13.52	119	77200	10.213	ug/l	97
87) 1,3-Dichlorobenzene	13.52	146	38361	10.412	ug/l	94
88) 1,4-Dichlorobenzene	13.60	146	37753	10.129	ug/l	95
89) n-Butylbenzene	13.84	91	65479	10.342	ug/l	95
90) Hexachloroethane	14.11	117	14586	10.753	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	31773	9.915	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	2307	9.430	ug/l	86

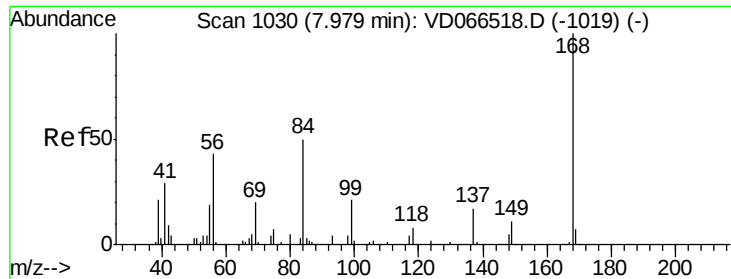
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD090220\
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Sample : VSTDICC010
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Quant Title : SW846 8260
QLast Update : Wed Sep 02 14:03:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	25524	10.091	ug/l	99
94) Hexachlorobutadiene	15.27	225	16066	9.798	ug/l	97
95) Naphthalene	15.41	128	38815	9.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	21378	9.781	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

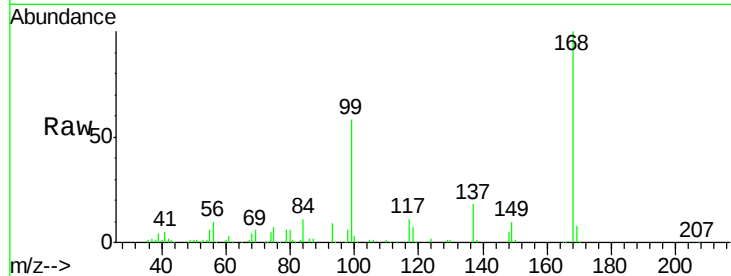
VSTDIC010

Tgt Ion:168 Resp: 177496

Ion Ratio Lower Upper

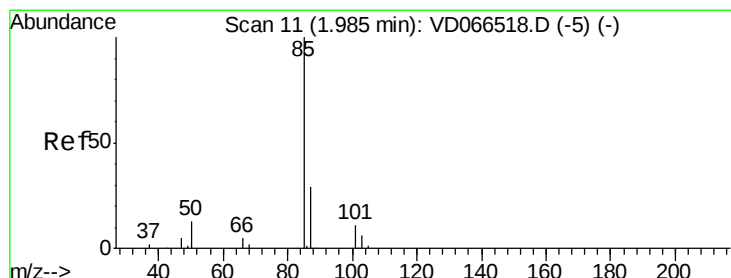
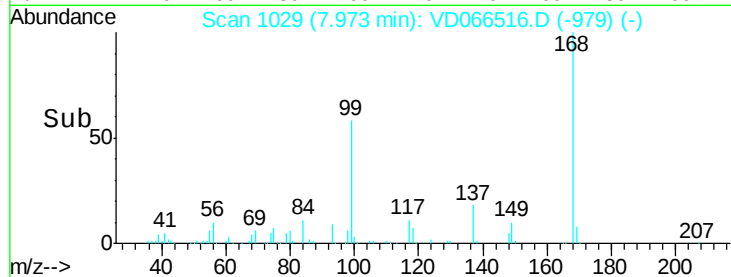
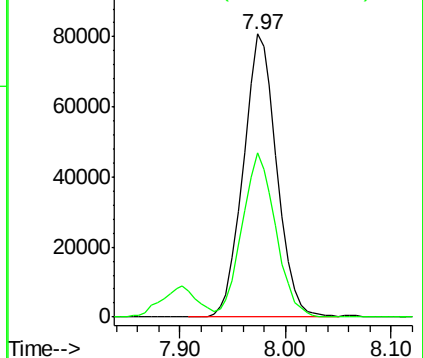
168 100

99 58.0 45.1 67.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 10.736 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066516.D

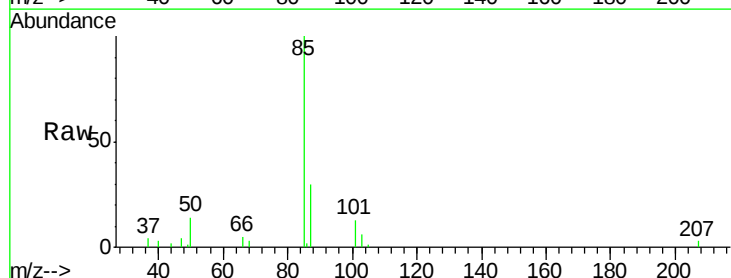
Acq: 02 Sep 2020 11:49

Tgt Ion: 85 Resp: 16257

Ion Ratio Lower Upper

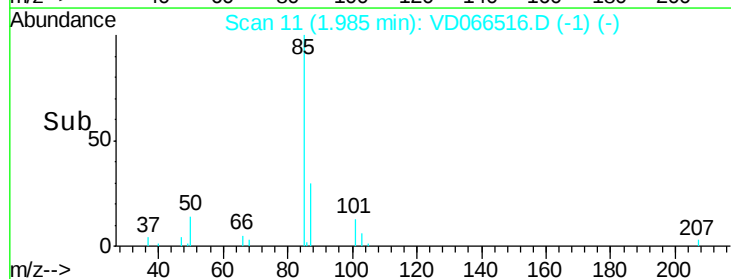
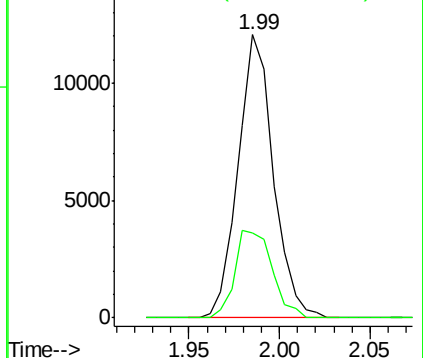
85 100

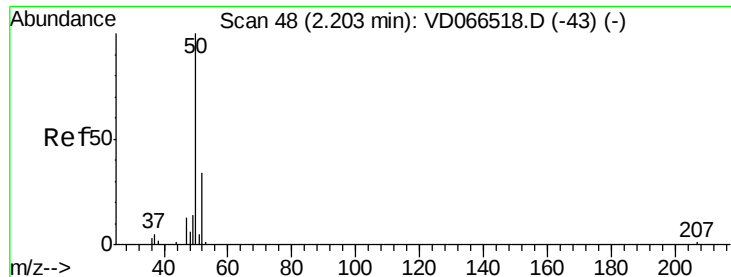
87 30.0 14.6 44.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 9.933 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

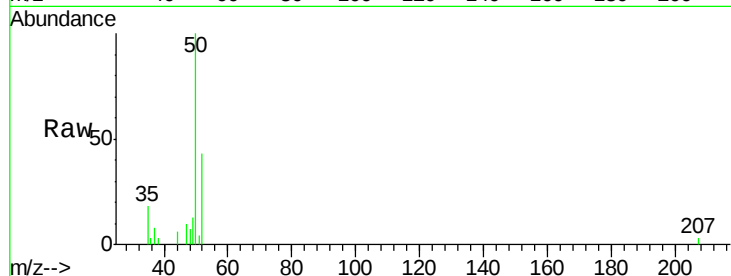
VSTDIC010

Tgt Ion: 50 Resp: 9042

Ion Ratio Lower Upper

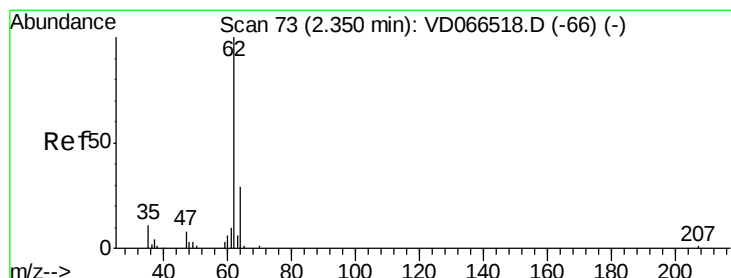
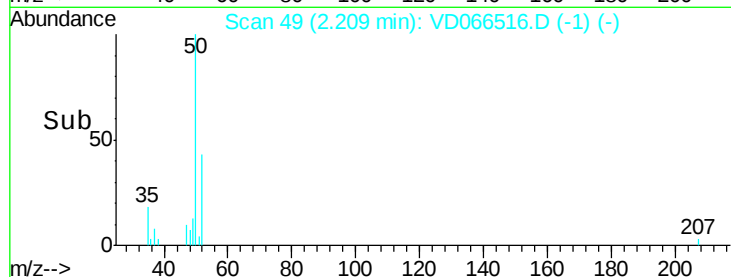
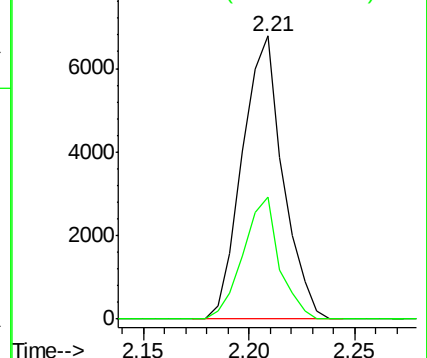
50 100

52 43.3 27.6 41.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 10.668 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066516.D

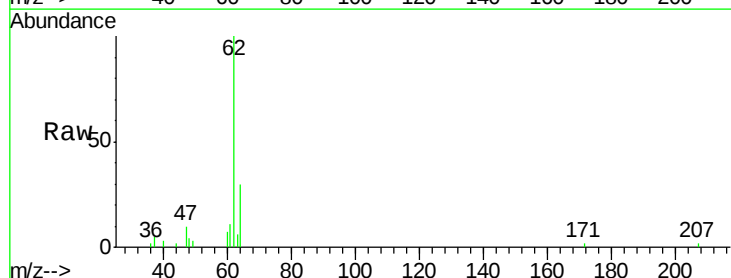
Acq: 02 Sep 2020 11:49

Tgt Ion: 62 Resp: 11842

Ion Ratio Lower Upper

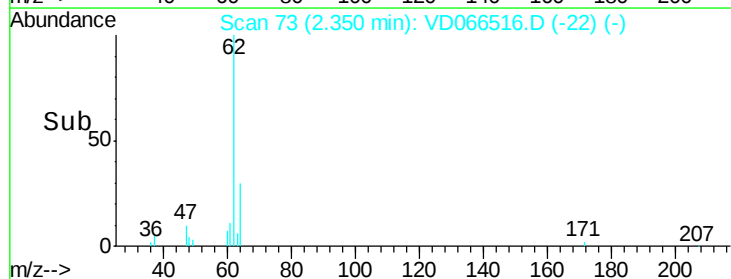
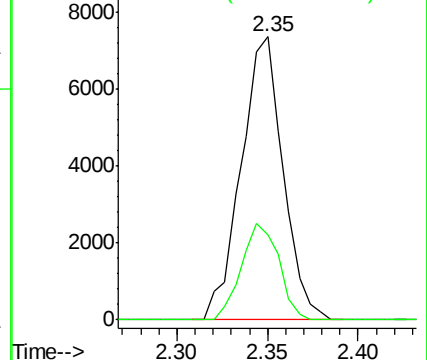
62 100

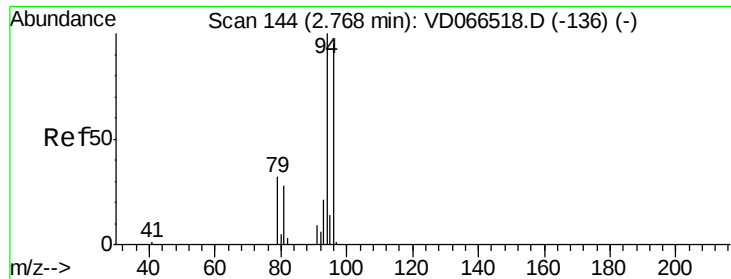
64 29.9 23.4 35.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 10.179 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

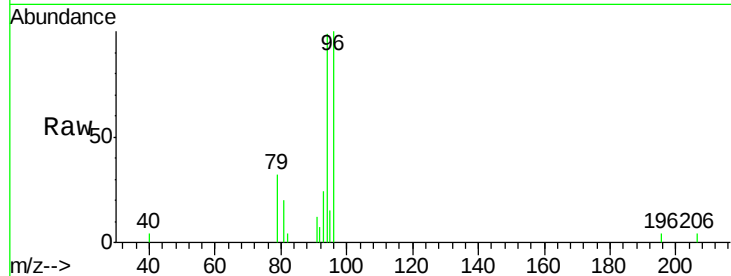
VSTDIC010

Tgt Ion: 94 Resp: 9235

Ion Ratio Lower Upper

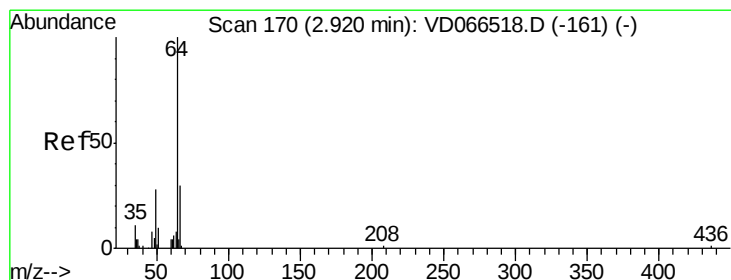
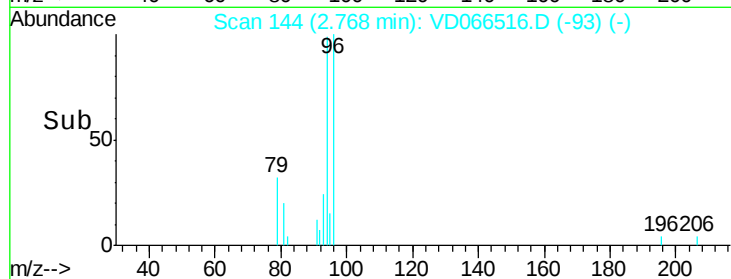
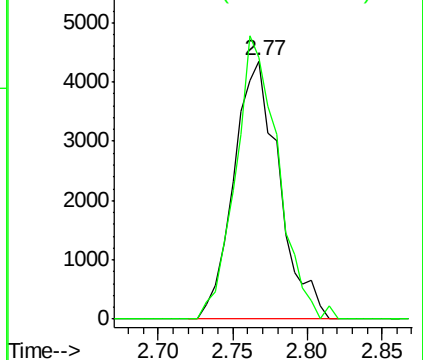
94 100

96 101.2 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 10.812 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066516.D

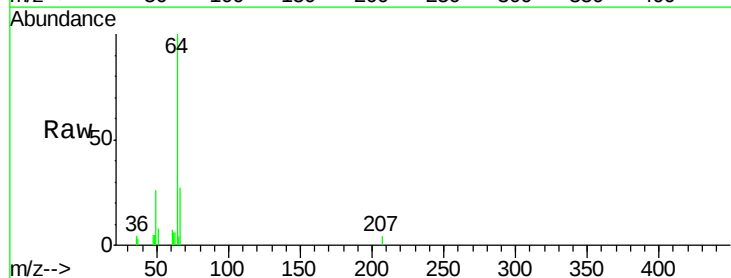
Acq: 02 Sep 2020 11:49

Tgt Ion: 64 Resp: 8075

Ion Ratio Lower Upper

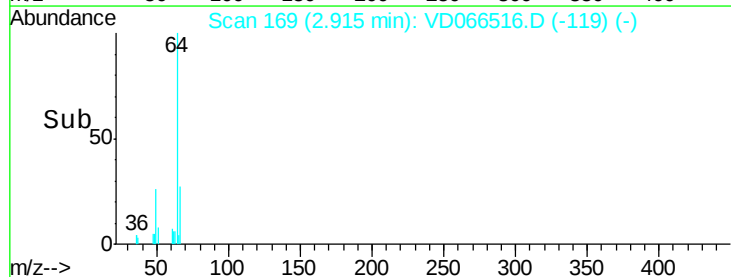
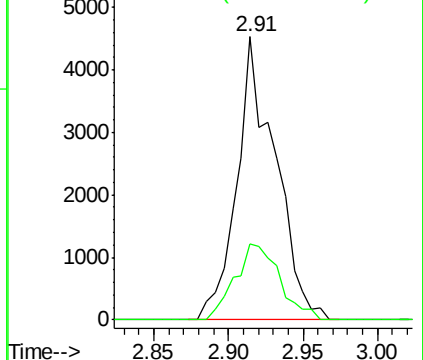
64 100

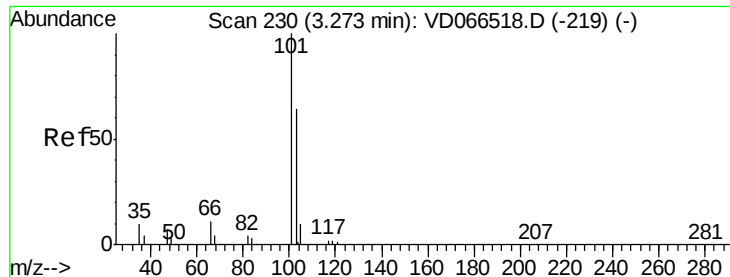
66 26.7 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



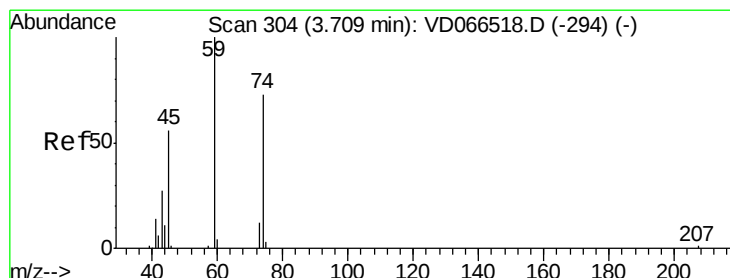
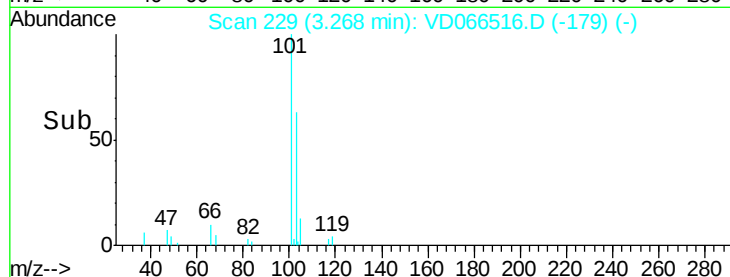
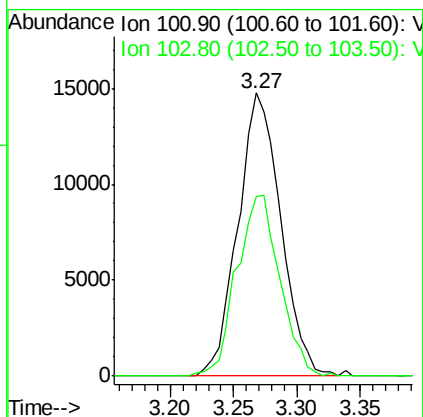
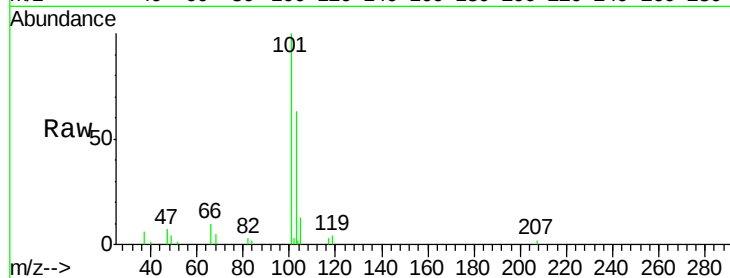


#7

Trichlorofluoromethane
 Concen: 10.236 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

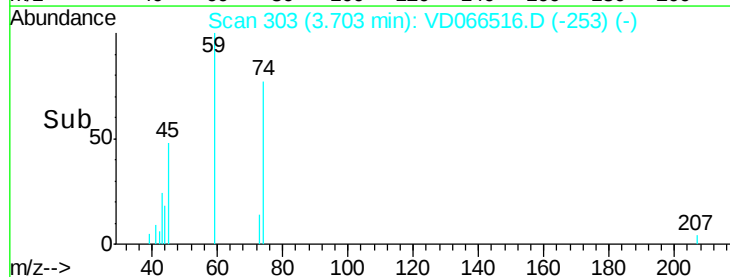
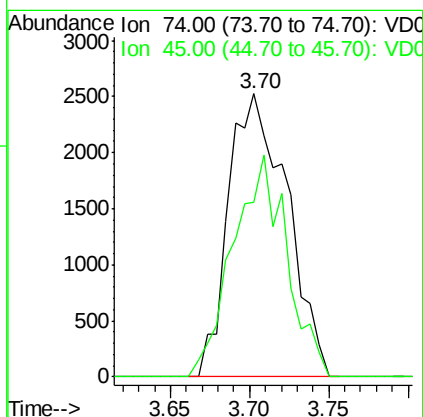
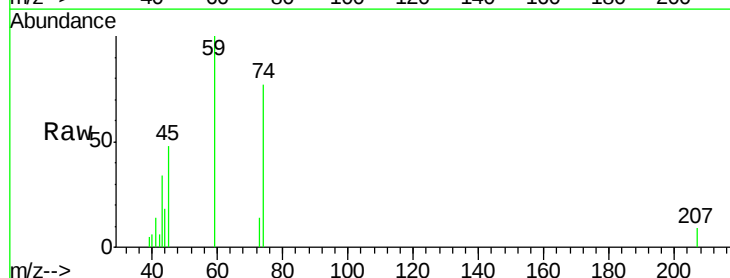
Tgt Ion: 101 Resp: 34636
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.9 76.3

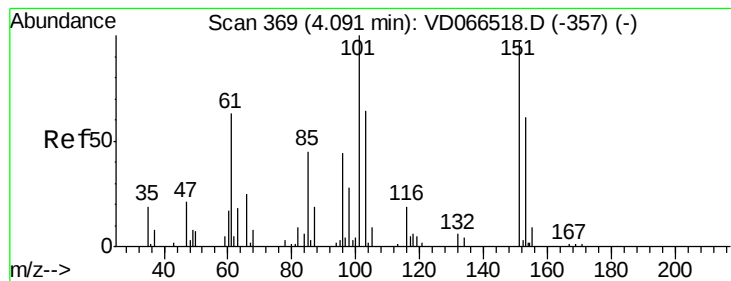


#8

Diethyl Ether
 Concen: 10.214 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion: 74 Resp: 6478
 Ion Ratio Lower Upper
 74 100
 45 71.8 38.6 115.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.083 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

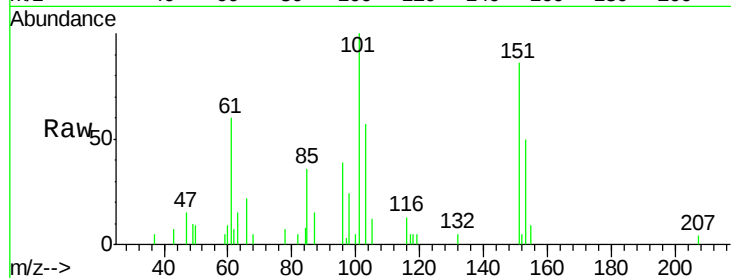
Tgt Ion:101 Resp: 14209

Ion Ratio Lower Upper

101 100

85 47.4 39.4 59.0

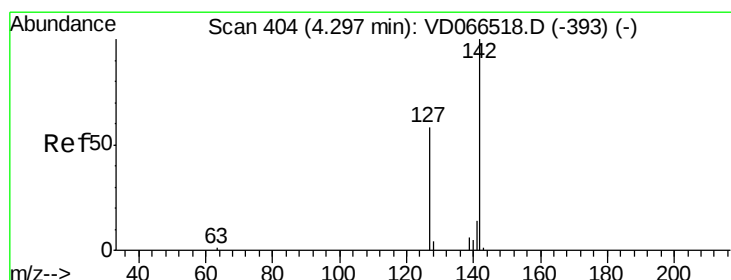
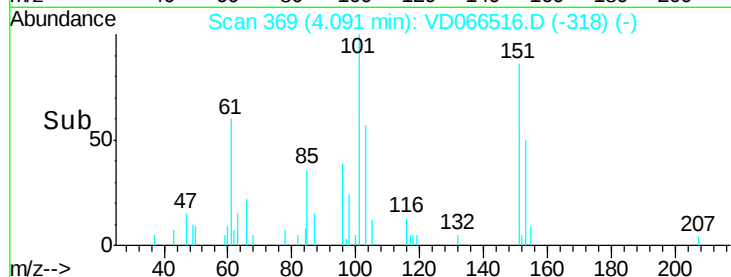
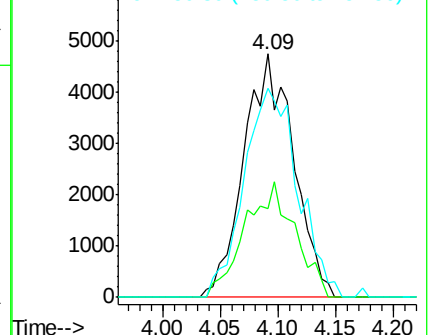
151 93.0 75.5 113.3



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: 8.816 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

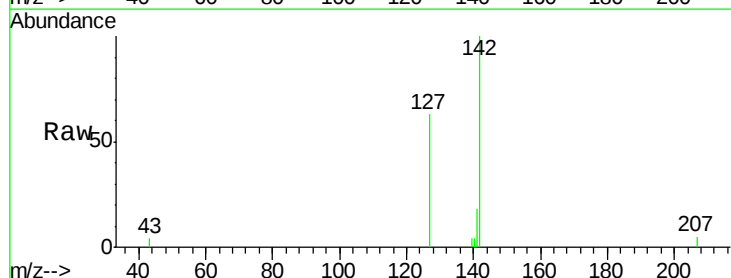
Tgt Ion:142 Resp: 13776

Ion Ratio Lower Upper

142 100

127 60.4 46.3 69.5

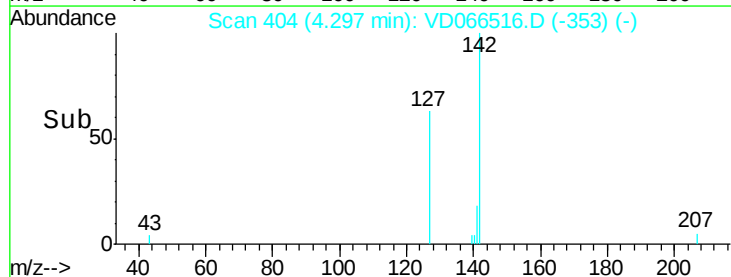
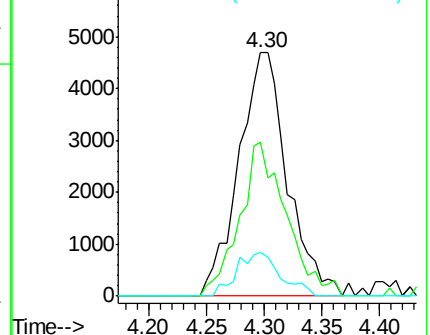
141 16.0 12.4 18.6

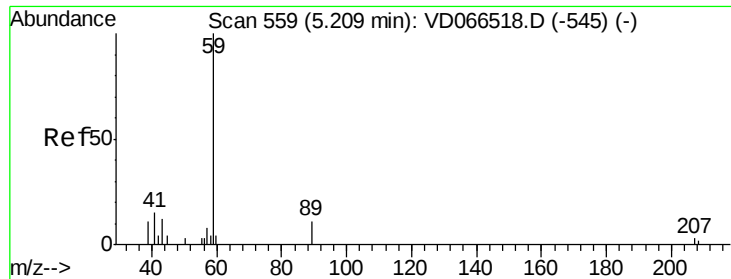


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

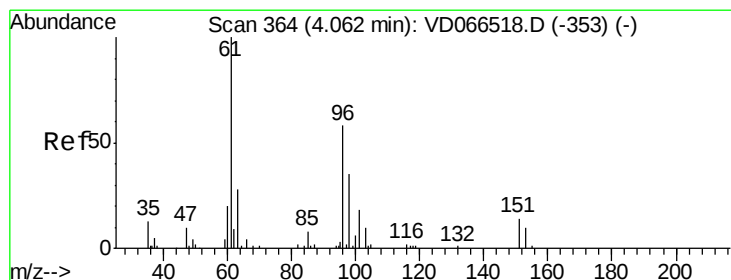
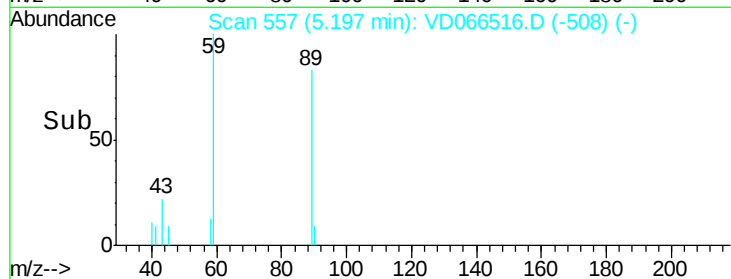
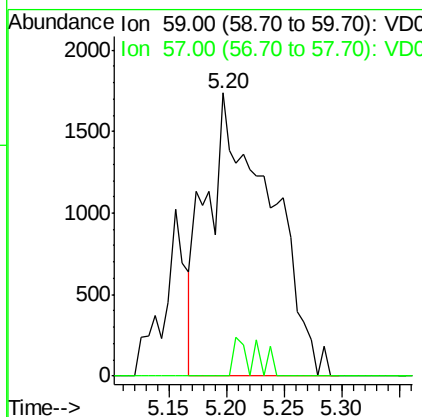
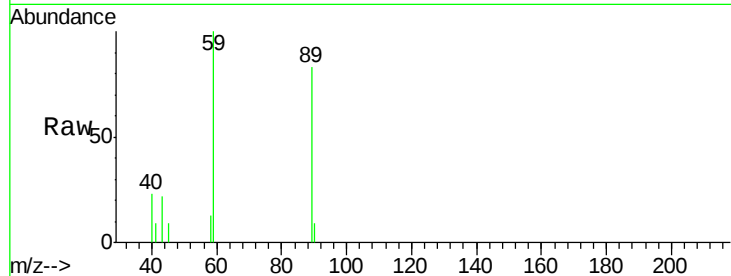




#11
Tert butyl alcohol
Concen: 47.862 ug/l
RT: 5.20 min Scan# 557
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

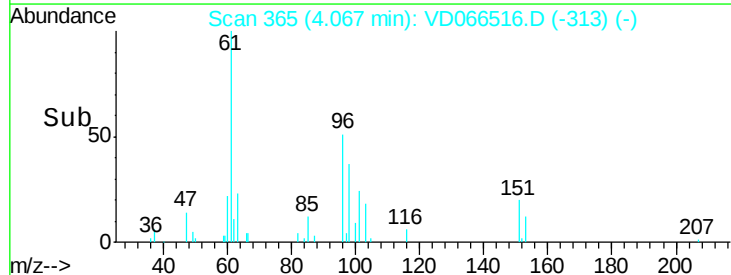
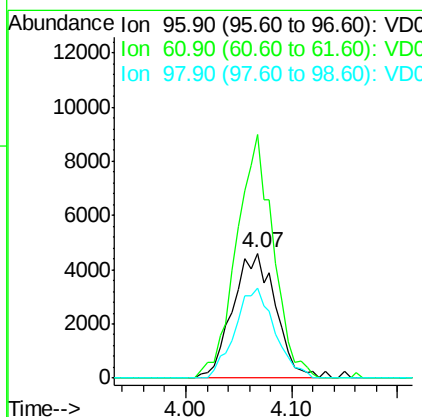
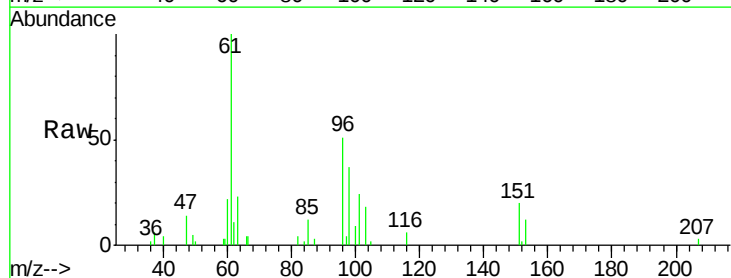
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

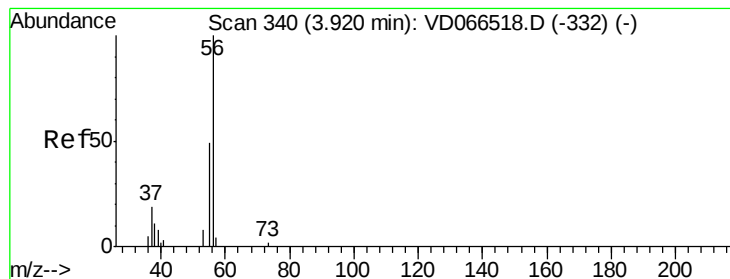
Tgt Ion: 59 Resp: 6656
Ion Ratio Lower Upper
59 100
57 2.3 6.8 10.2#



#12
1,1-Dichloroethene
Concen: 9.830 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 96 Resp: 13018
Ion Ratio Lower Upper
96 100
61 194.9 137.5 206.3
98 71.8 47.8 71.6#





#13

Acrolein

Concen: 51.982 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

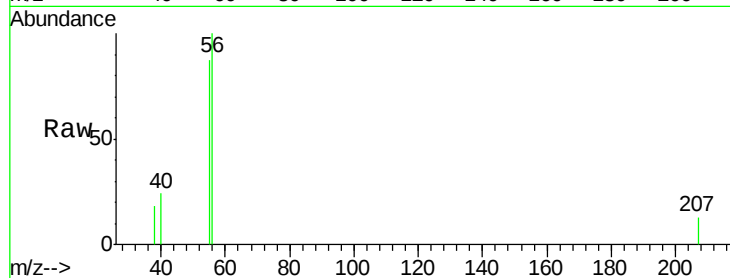
VSTDIC010

Tgt Ion: 56 Resp: 3223

Ion Ratio Lower Upper

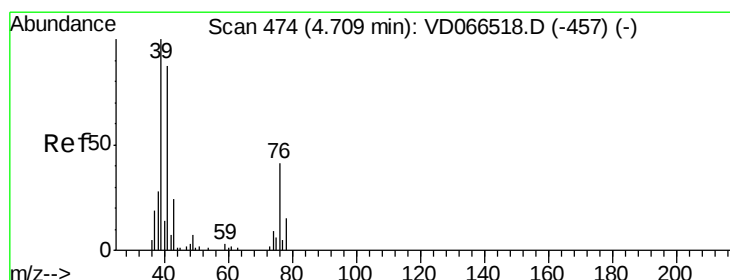
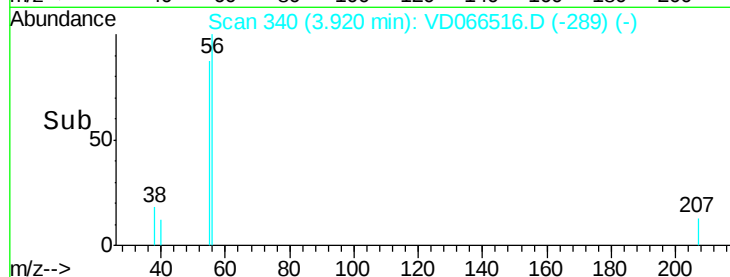
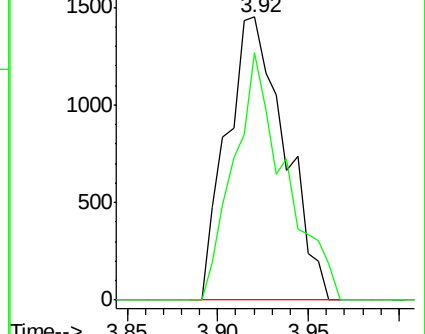
56 100

55 77.3 53.0 79.4



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 9.629 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

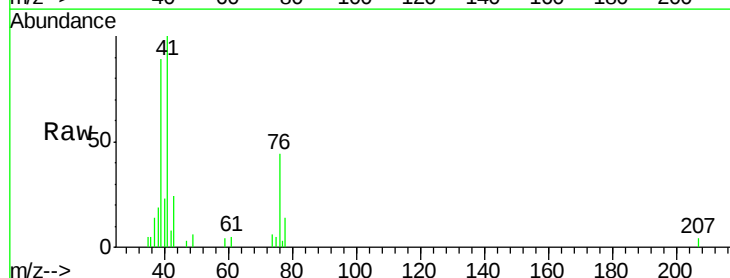
Tgt Ion: 41 Resp: 14254

Ion Ratio Lower Upper

41 100

39 118.8 93.8 140.8

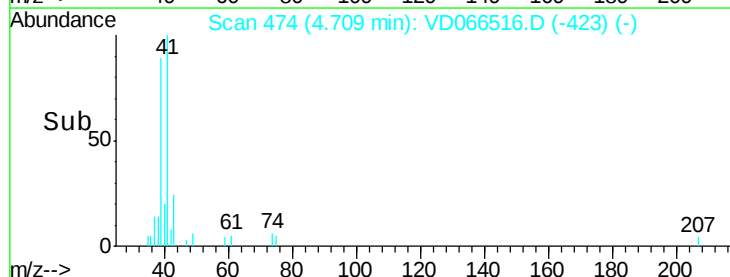
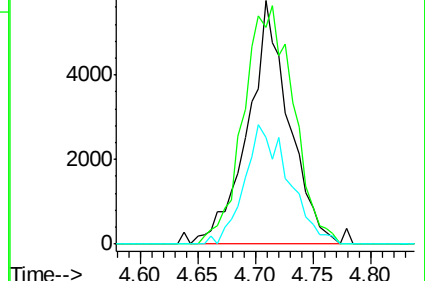
76 53.0 39.4 59.0

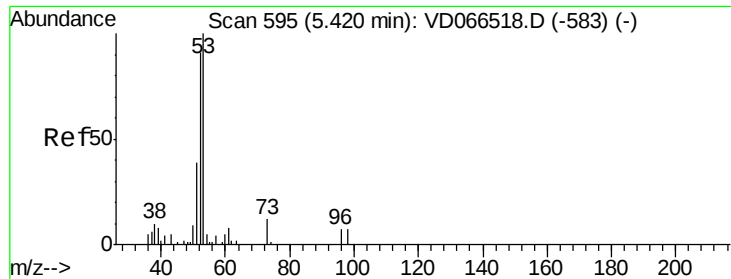


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 53.615 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

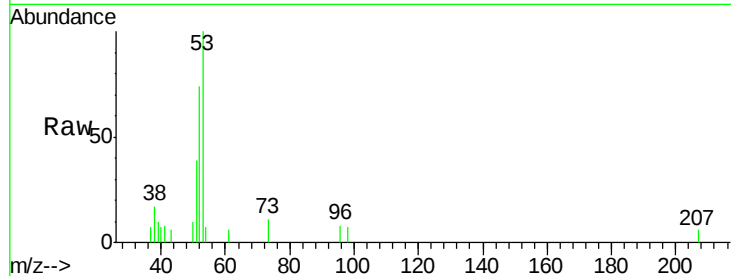
Tgt Ion: 53 Resp: 12194

Ion Ratio Lower Upper

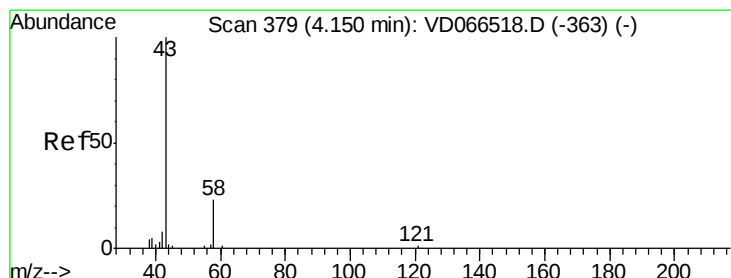
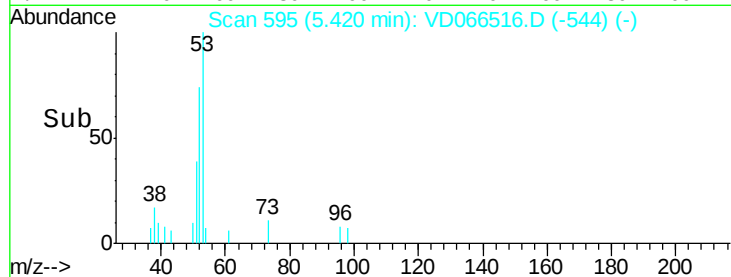
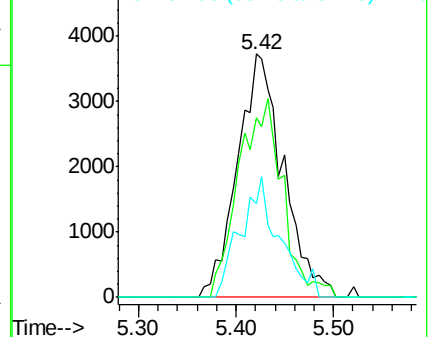
53 100

52 78.9 71.0 106.4

51 41.8 35.8 53.6



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: 51.132 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066516.D

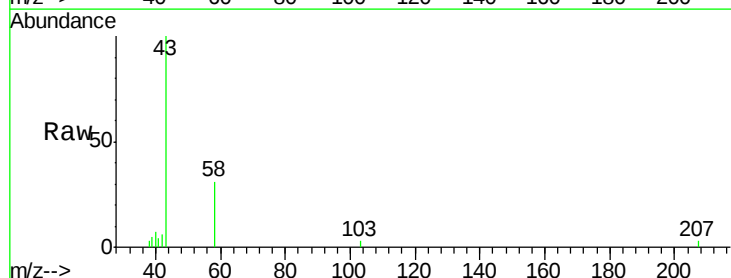
Acq: 02 Sep 2020 11:49

Tgt Ion: 43 Resp: 14435

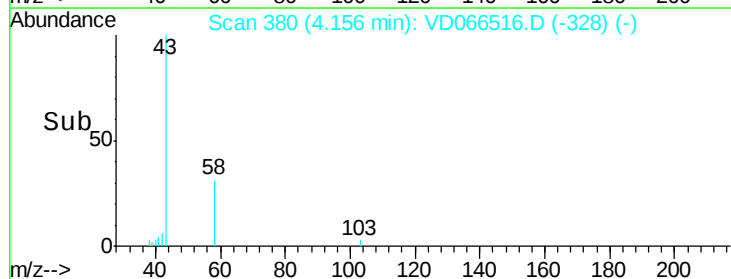
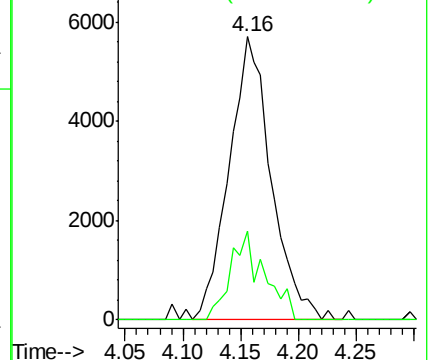
Ion Ratio Lower Upper

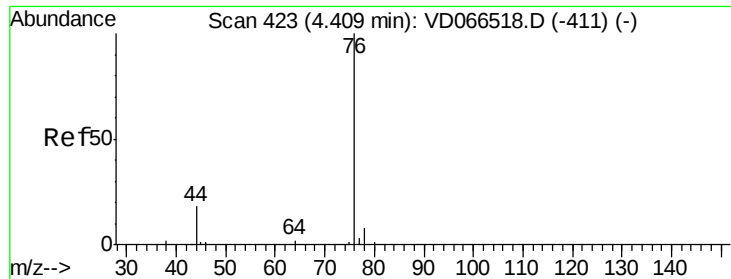
43 100

58 31.2 18.1 27.1#



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

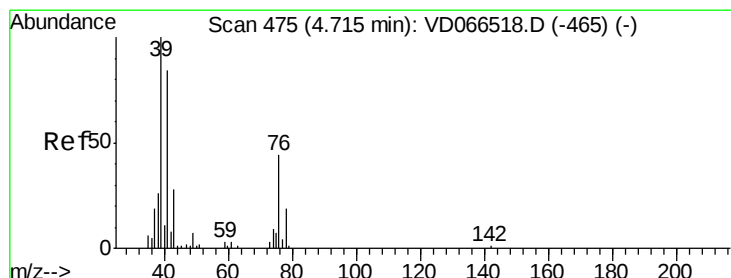
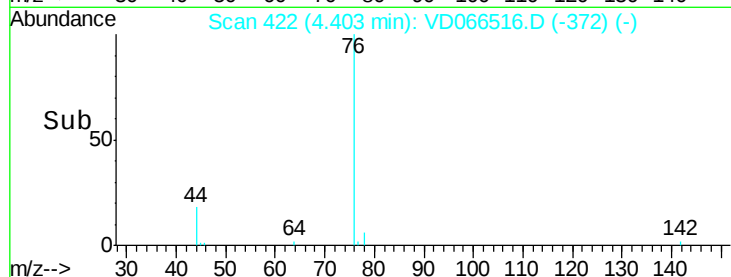
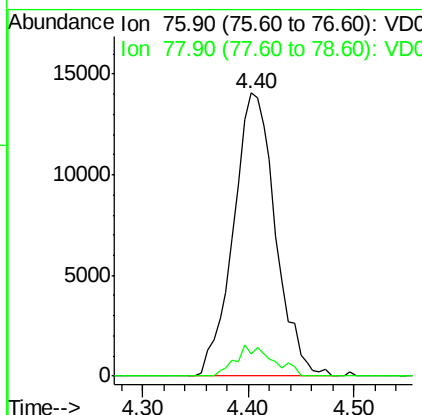
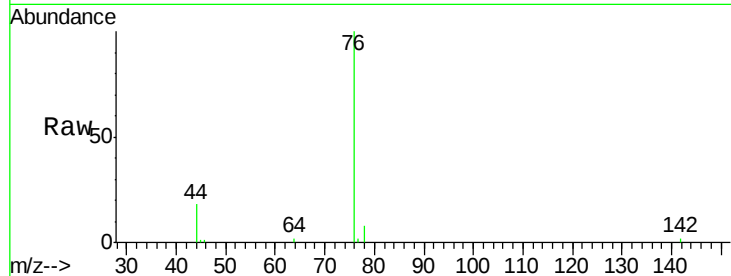




#17
Carbon Disulfide
Concen: 10.135 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

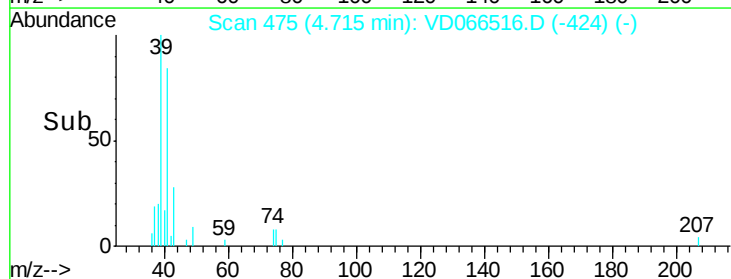
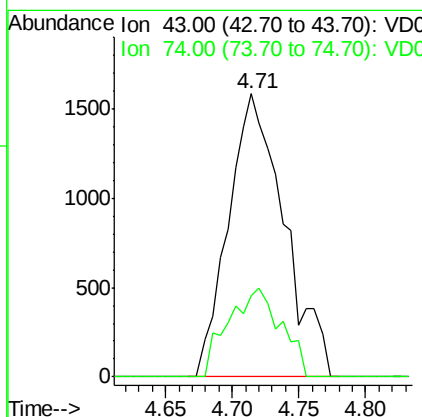
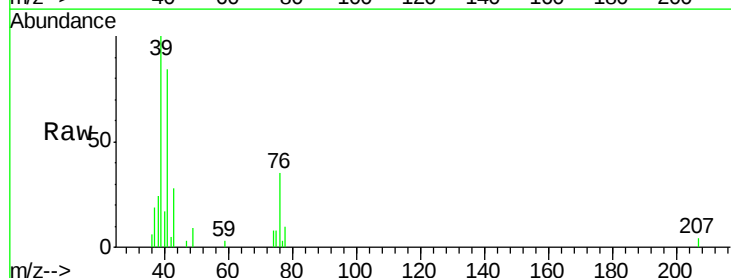
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

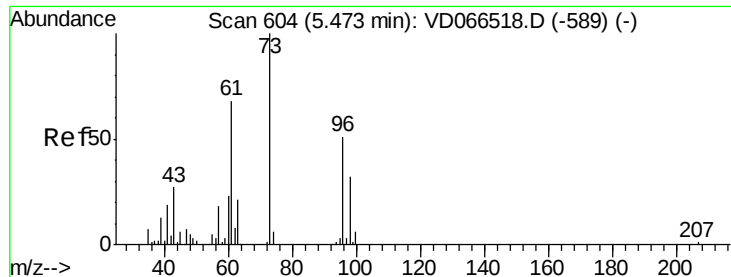
Tgt Ion: 76 Resp: 38787
Ion Ratio Lower Upper
76 100
78 8.0 6.2 9.4



#18
Methyl Acetate
Concen: 10.125 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 43 Resp: 4594
Ion Ratio Lower Upper
43 100
74 29.8 26.3 39.5

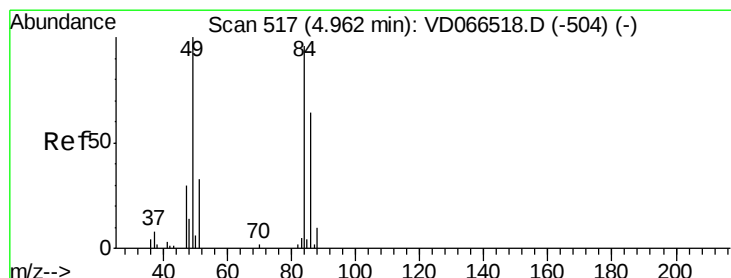
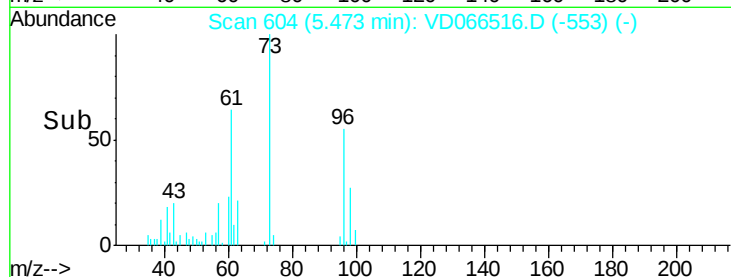
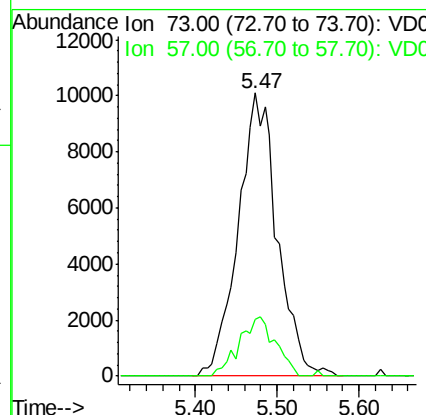
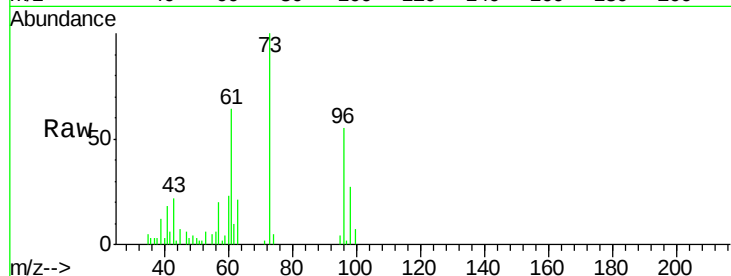




#19
Methyl tert-butyl Ether
Concen: 9.713 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

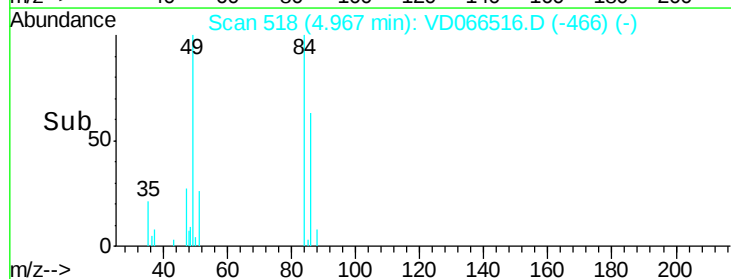
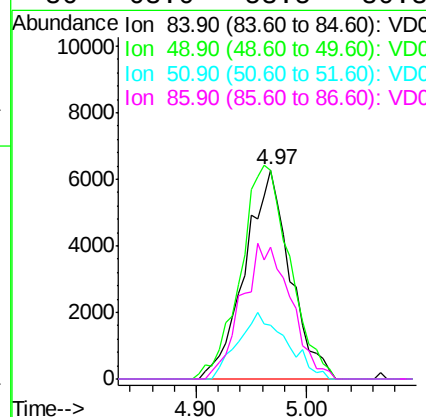
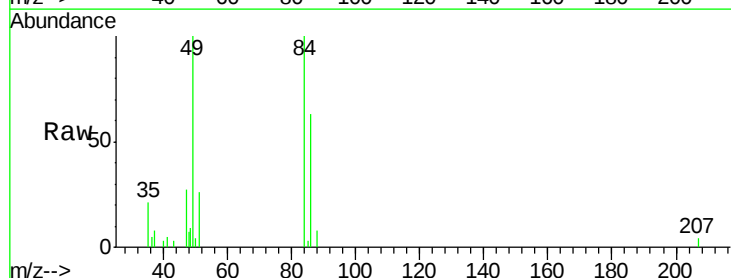
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

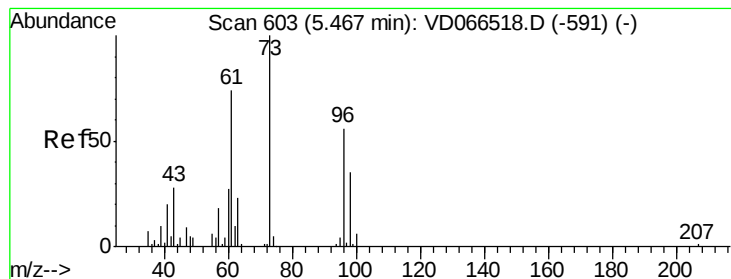
Tgt Ion: 73 Resp: 33564
Ion Ratio Lower Upper
73 100
57 19.9 14.6 22.0



#20
Methylene Chloride
Concen: 10.928 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 84 Resp: 18005
Ion Ratio Lower Upper
84 100
49 99.8 83.5 125.3
51 25.9 27.8 41.8#
86 63.0 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 9.668 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

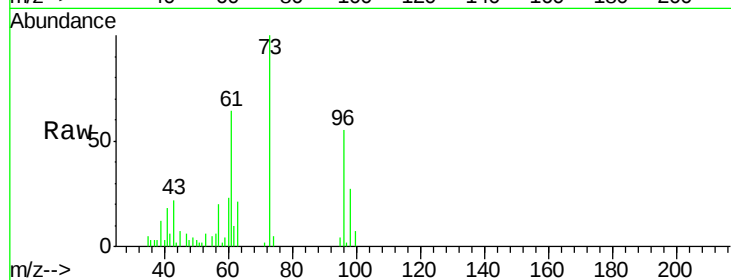
Tgt Ion: 96 Resp: 14645

Ion Ratio Lower Upper

96 100

61 117.0 106.6 160.0

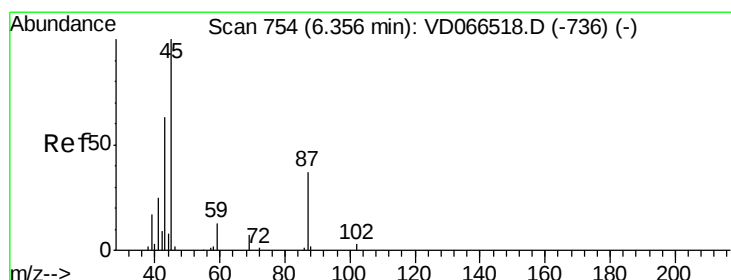
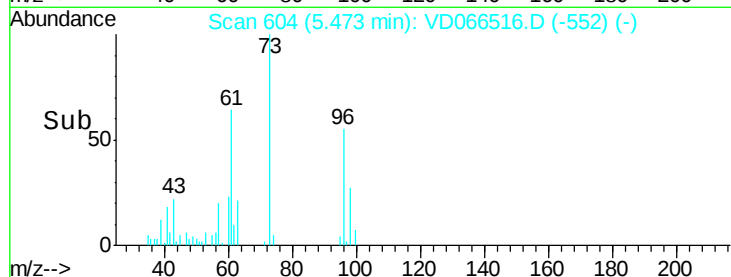
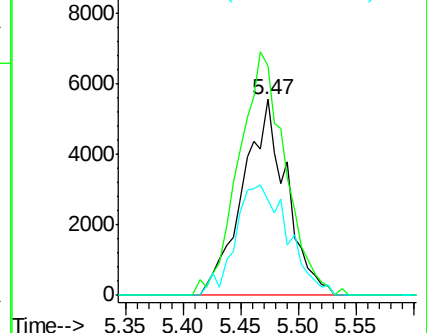
98 48.7 50.6 76.0#



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 10.216 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Tgt Ion: 45 Resp: 30310

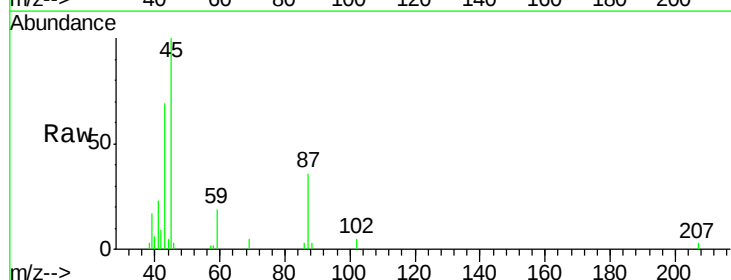
Ion Ratio Lower Upper

45 100

43 65.0 53.4 80.0

87 35.6 30.2 45.4

59 19.1 11.1 16.7#

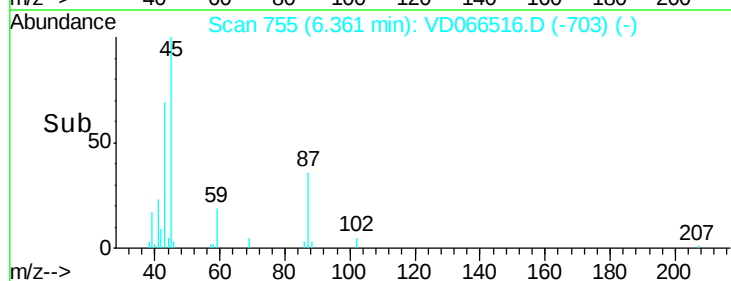
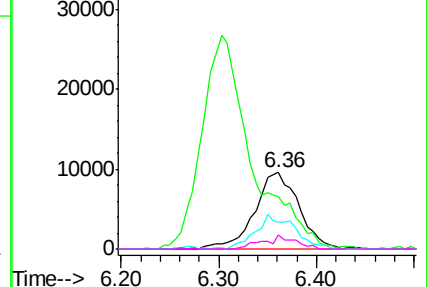


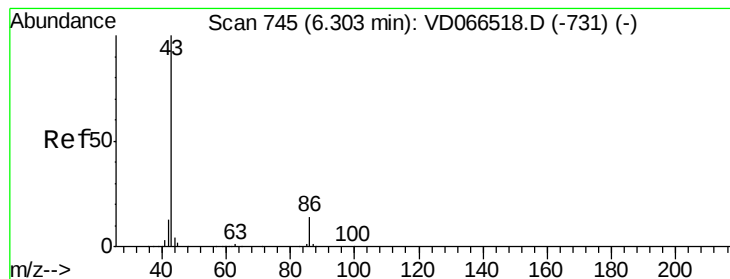
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 49.714 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

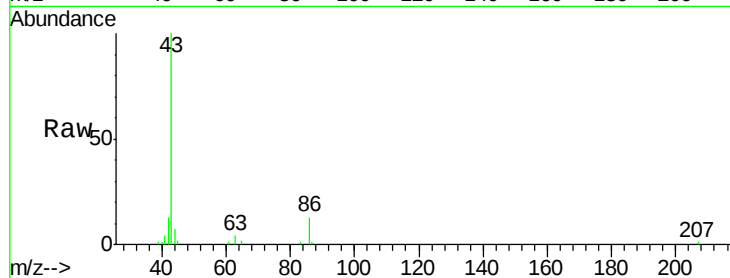
VSTDIC010

Tgt Ion: 43 Resp: 94823

Ion Ratio Lower Upper

43 100

86 13.0 11.3 16.9

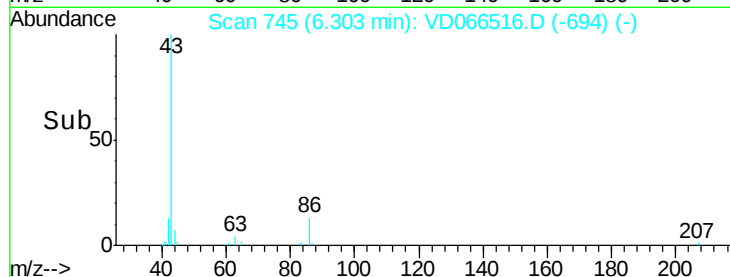


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

Time-->



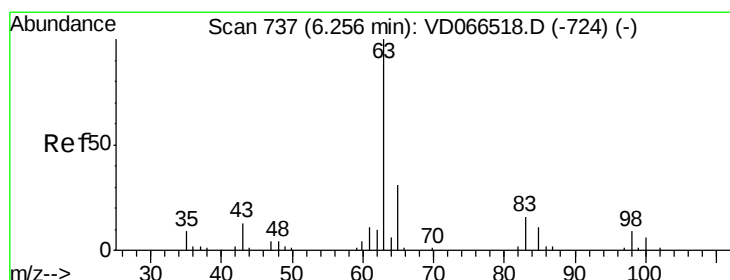
Abundance

Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

Time-->



#24

1,1-Dichloroethane

Concen: 10.251 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

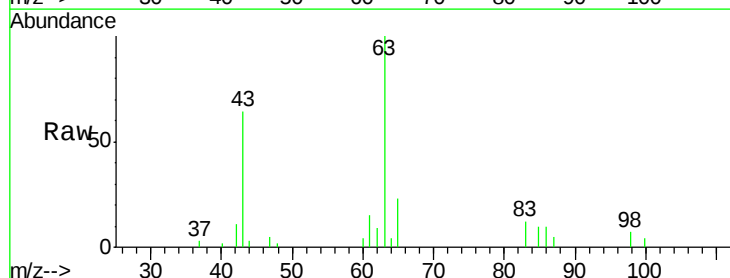
Tgt Ion: 63 Resp: 23887

Ion Ratio Lower Upper

63 100

98 7.0 4.3 13.1

100 4.3 2.9 8.7



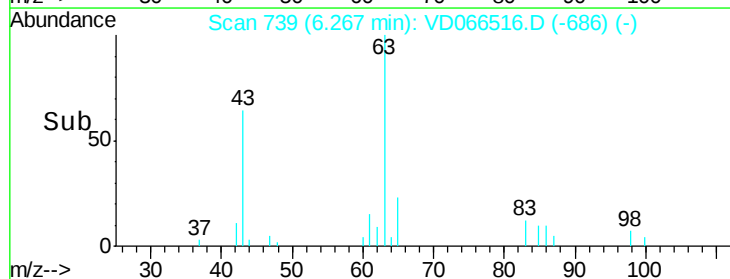
Abundance Ion 62.90 (62.60 to 63.60): VDC

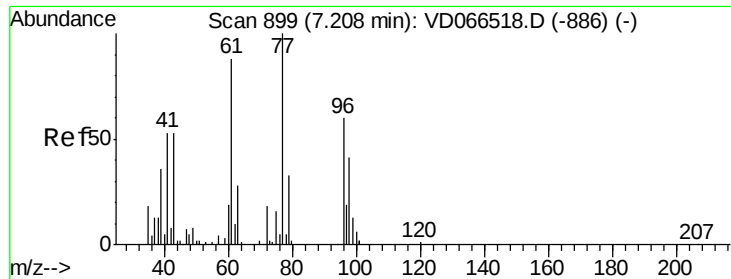
Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

Time-->





#25

2-Butanone

Concen: 49.669 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

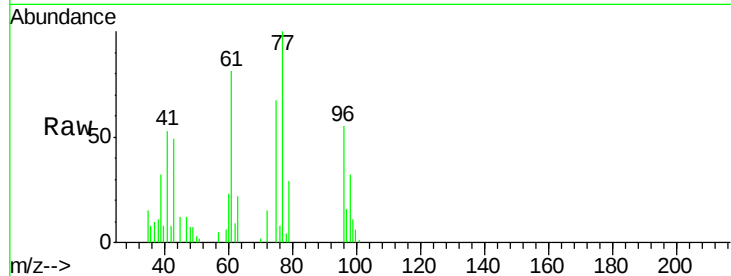
VSTDIC010

Tgt Ion: 43 Resp: 14513

Ion Ratio Lower Upper

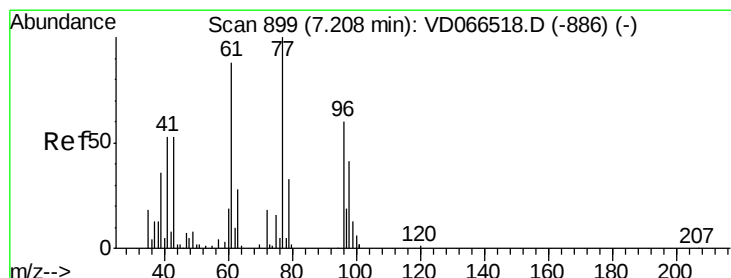
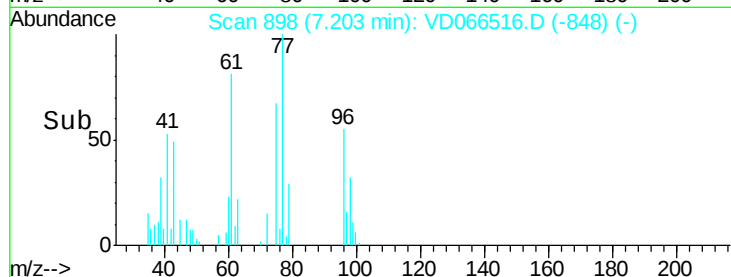
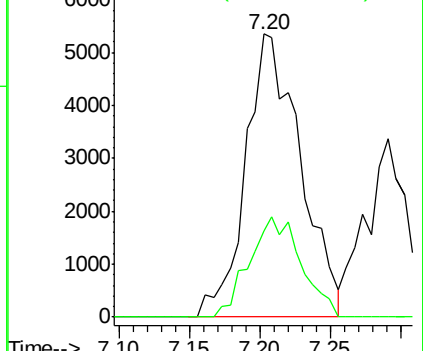
43 100

72 30.4 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 10.483 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066516.D

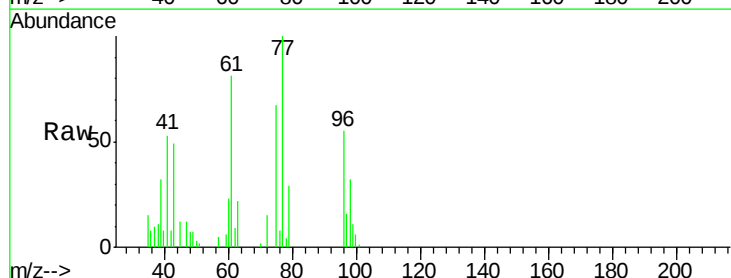
Acq: 02 Sep 2020 11:49

Tgt Ion: 77 Resp: 30950

Ion Ratio Lower Upper

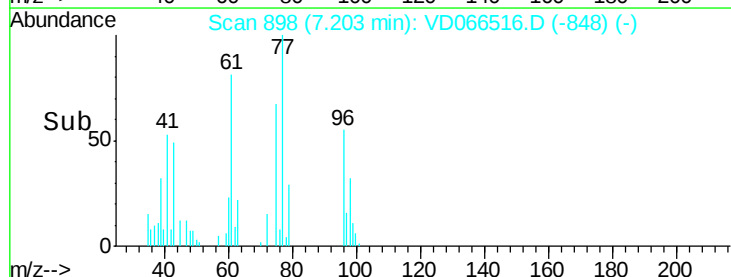
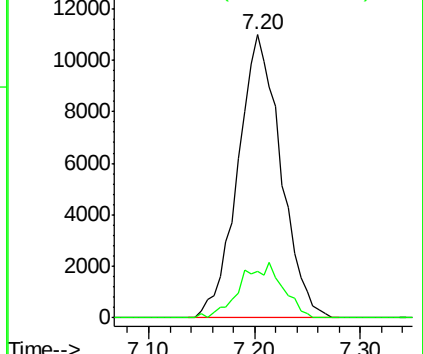
77 100

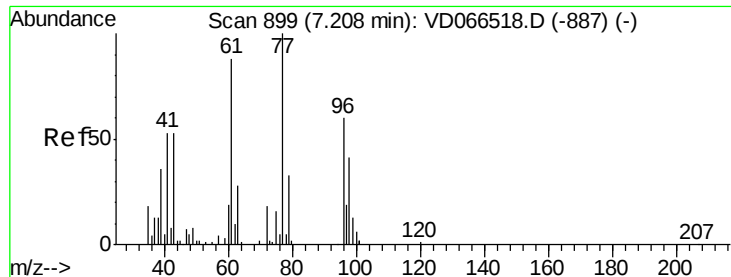
97 19.3 10.2 30.4



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



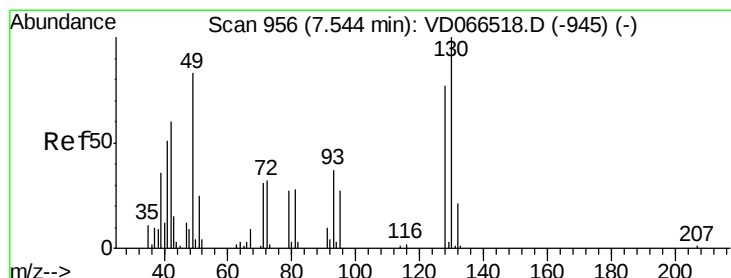
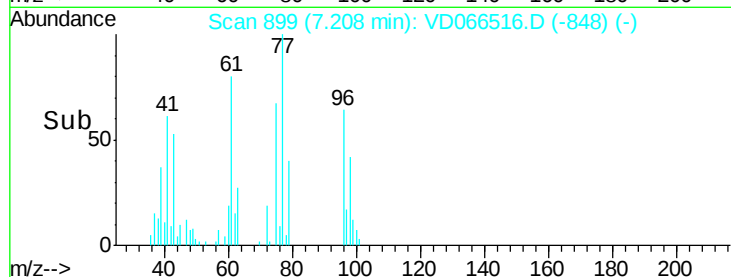
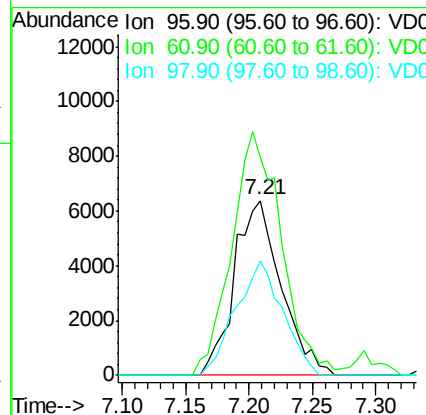
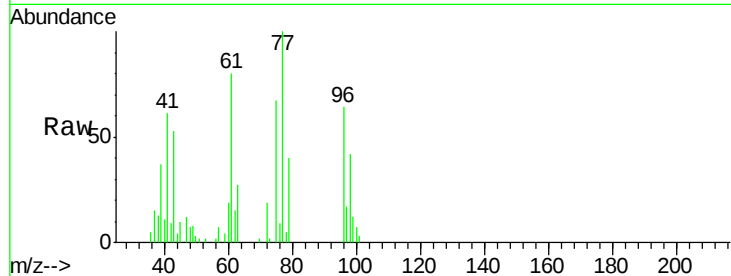


#27

cis-1,2-Dichloroethene
 Concen: 9.929 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

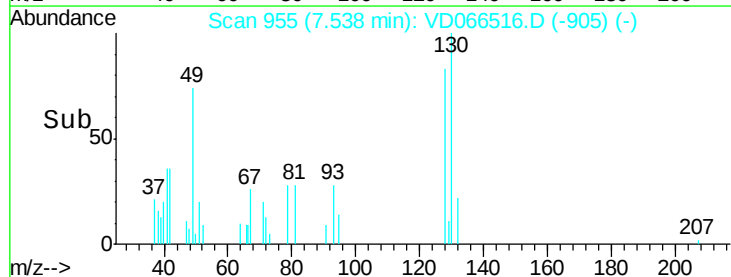
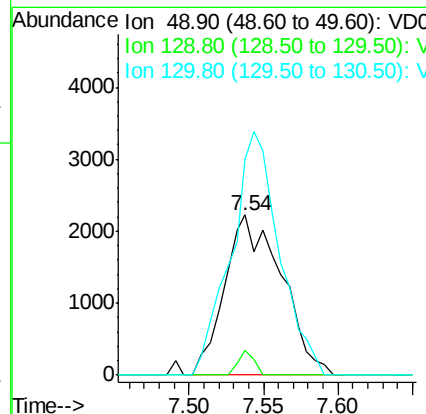
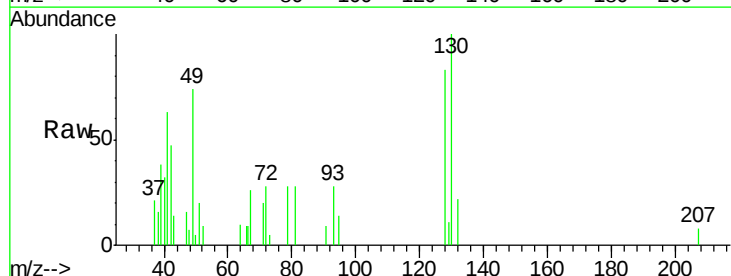
Tgt Ion: 96 Resp: 16310
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 292.8
 98 65.9 0.0 130.2

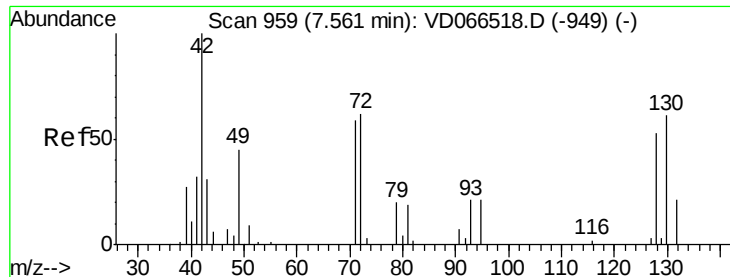


#28

Bromochloromethane
 Concen: 8.764 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion: 49 Resp: 5908
 Ion Ratio Lower Upper
 49 100
 129 4.3 0.0 1.2#
 130 128.7 98.0 147.0

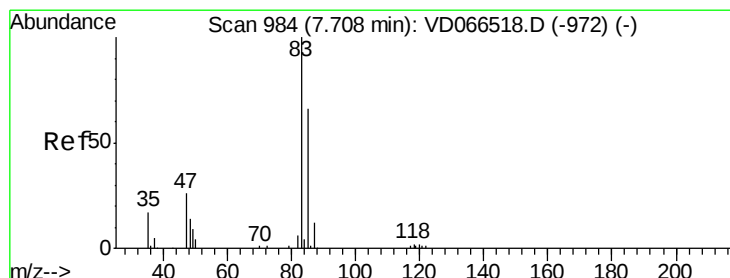
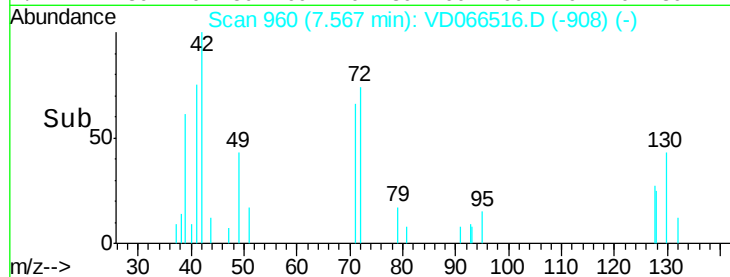
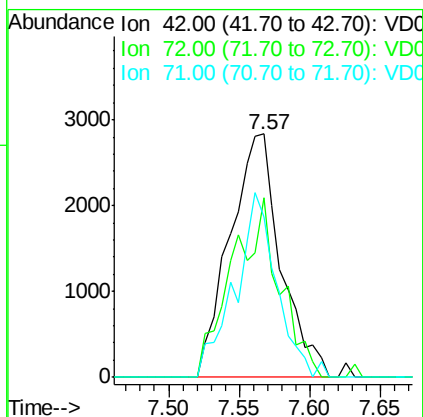
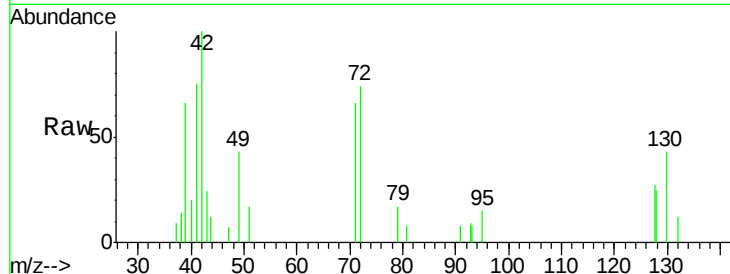




#29
Tetrahydrofuran
Concen: 47.668 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

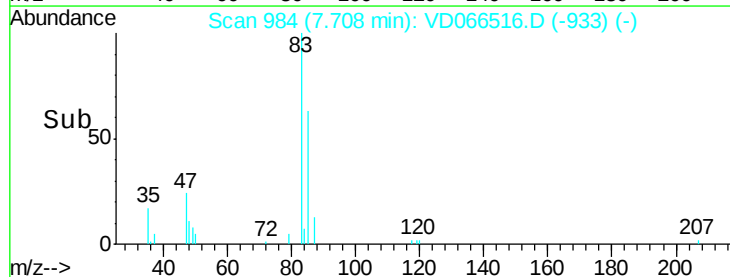
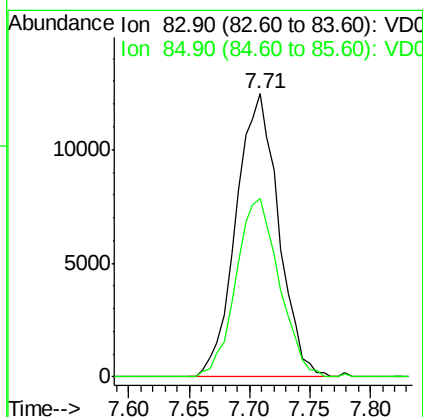
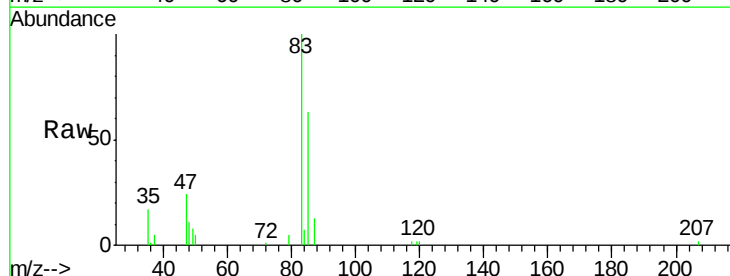
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

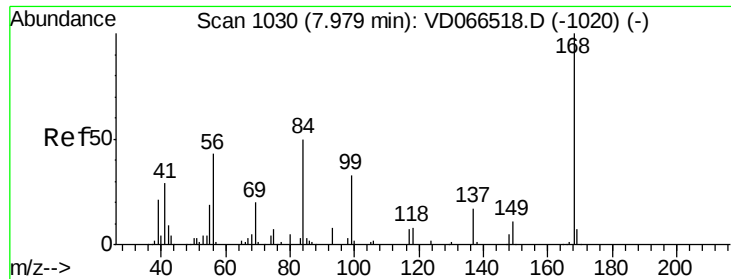
Tgt Ion: 42 Resp: 7160
Ion Ratio Lower Upper
42 100
72 69.1 48.6 72.8
71 61.8 43.2 64.8



#30
Chloroform
Concen: 10.130 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 83 Resp: 30480
Ion Ratio Lower Upper
83 100
85 62.8 52.6 79.0

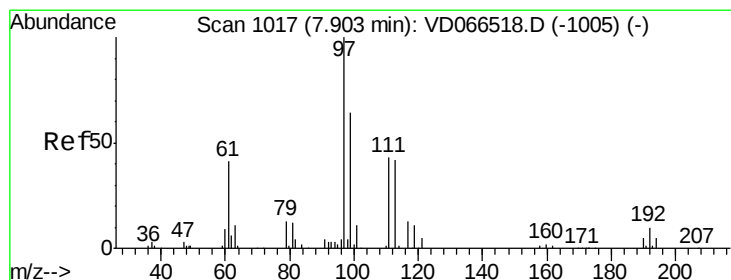
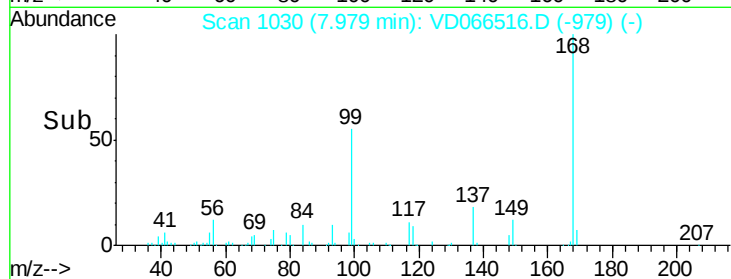
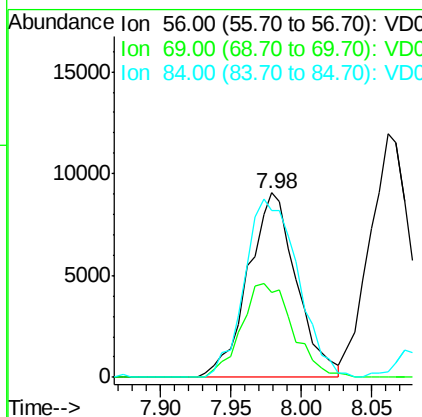
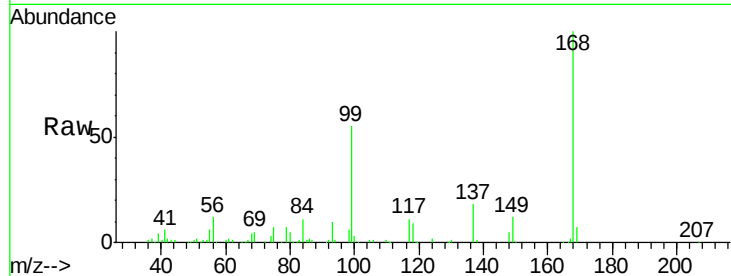




#31
Cyclohexane
Concen: 10.771 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

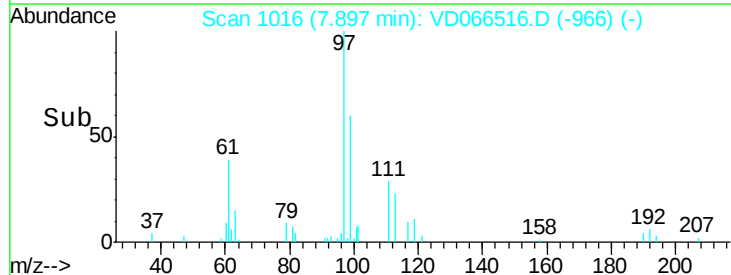
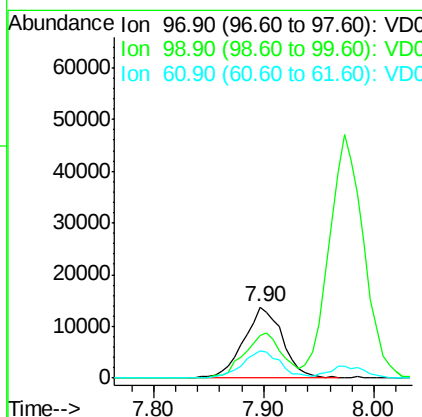
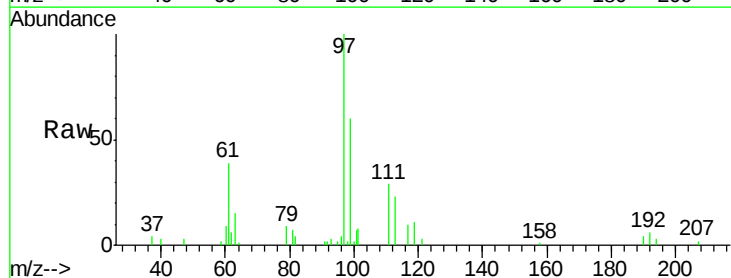
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

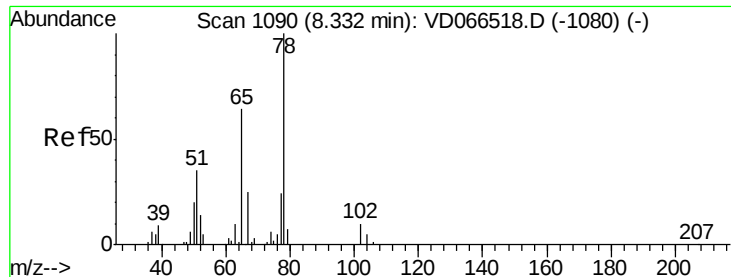
Tgt Ion: 56 Resp: 21684
Ion Ratio Lower Upper
56 100
69 45.8 36.8 55.2
84 90.6 93.4 140.0#



#32
1,1,1-Trichloroethane
Concen: 10.113 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 97 Resp: 33887
Ion Ratio Lower Upper
97 100
99 62.1 51.7 77.5
61 37.5 32.6 48.8

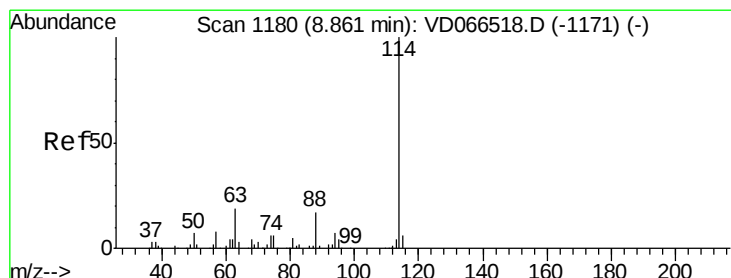
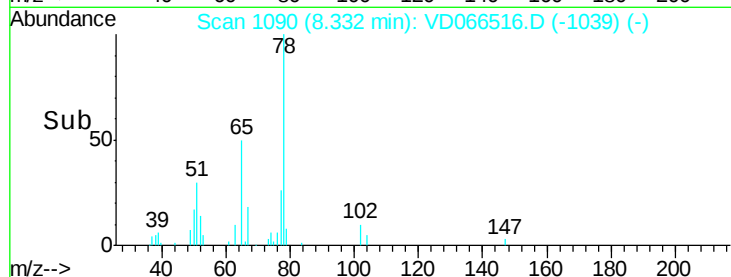
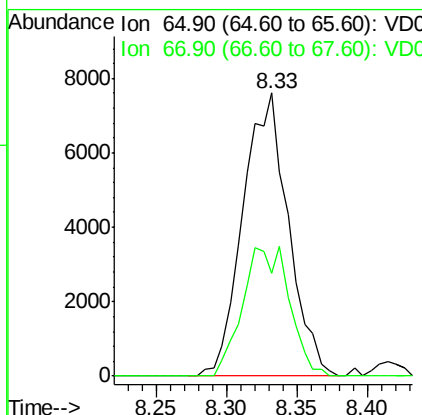
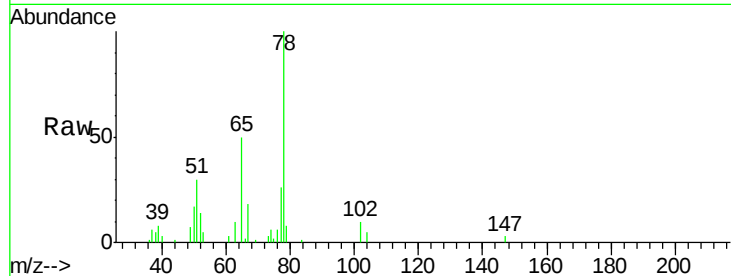




#33
 1,2-Dichloroethane-d4
 Concen: 8.996 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

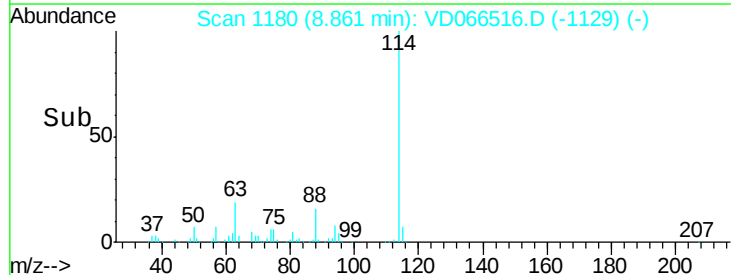
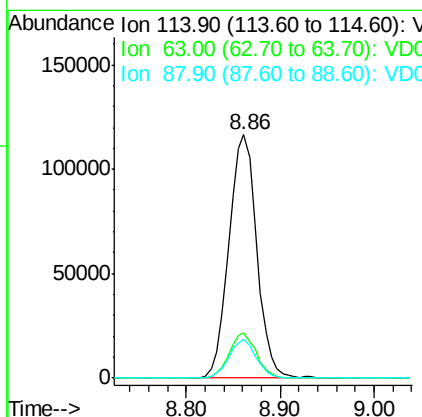
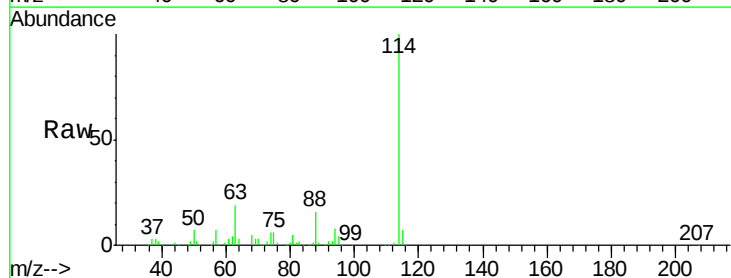
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

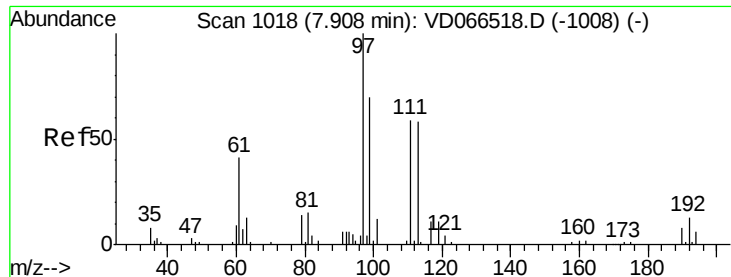
Tgt Ion: 65 Resp: 17173
 Ion Ratio Lower Upper
 65 100
 67 46.8 0.0 88.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion: 114 Resp: 240046
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.6
 88 15.7 0.0 33.6

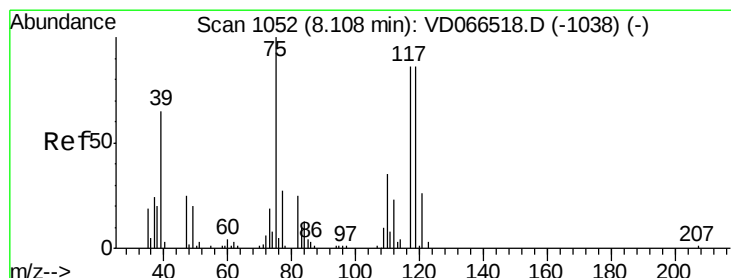
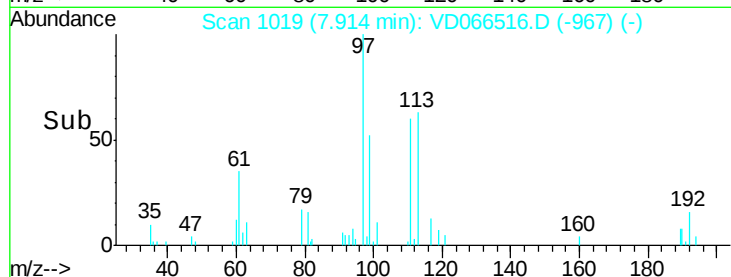
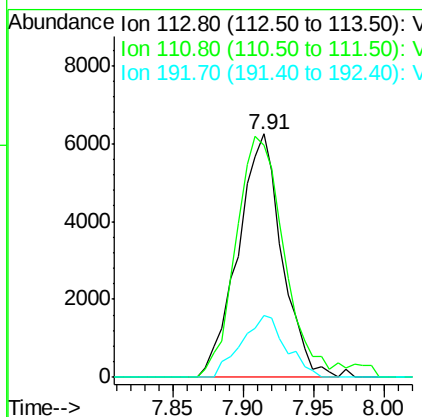
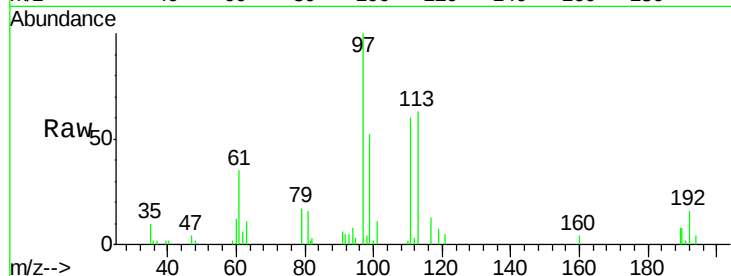




#35
 Dibromofluoromethane
 Concen: 9.441 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

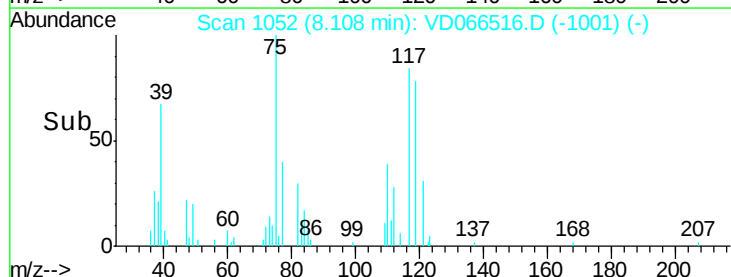
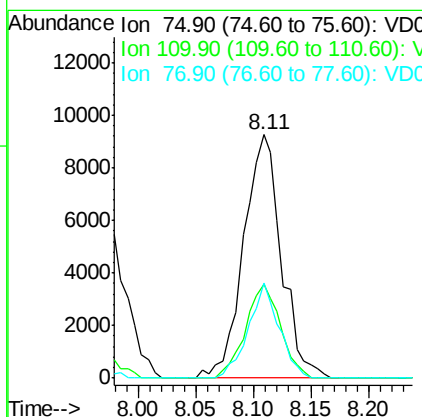
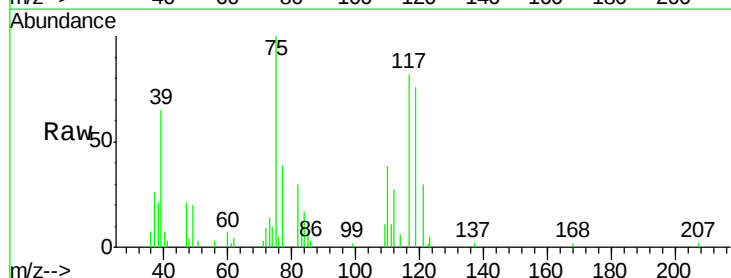
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

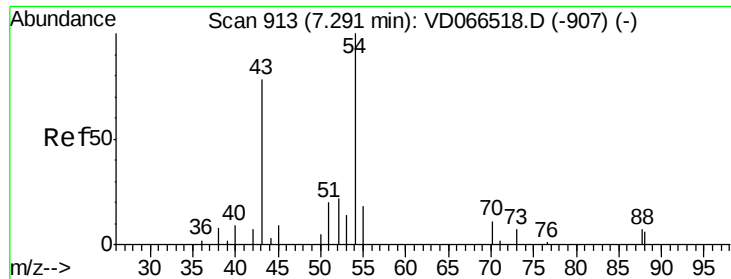
Tgt Ion: 113 Resp: 13630
 Ion Ratio Lower Upper
 113 100
 111 109.1 82.5 123.7
 192 25.7 20.7 31.1



#36
 1,1-Dichloropropene
 Concen: 10.013 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion: 75 Resp: 21069
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.4 55.2
 77 31.8 24.6 36.8

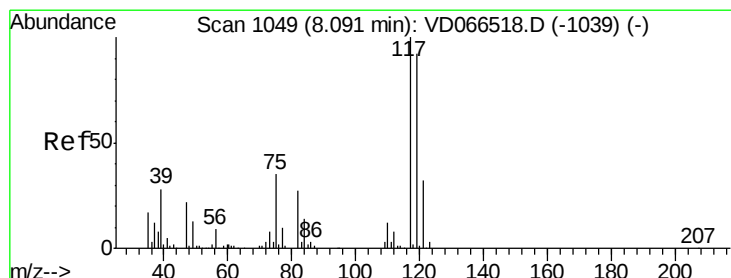
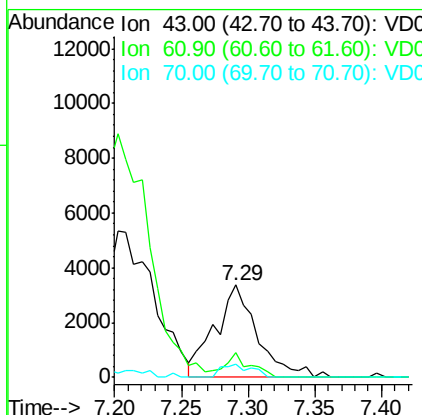
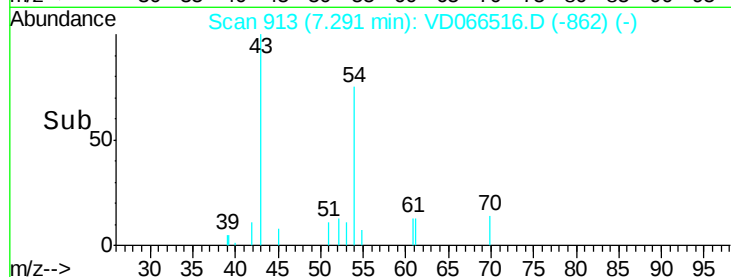
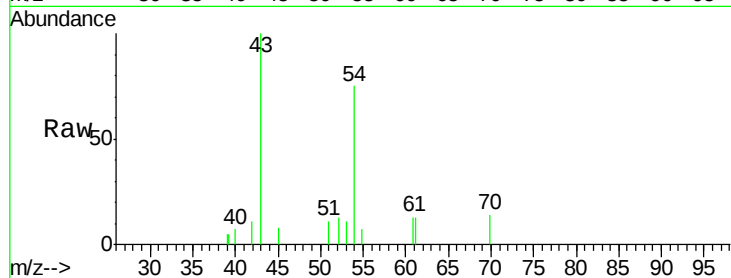




#37
Ethyl Acetate
Concen: 11.845 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

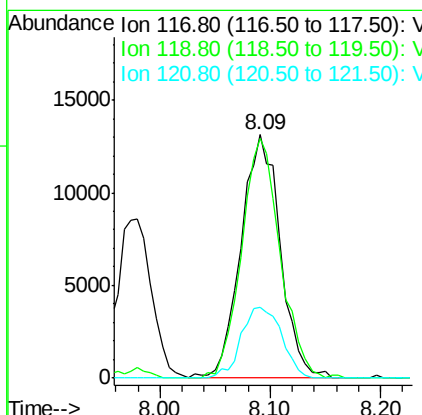
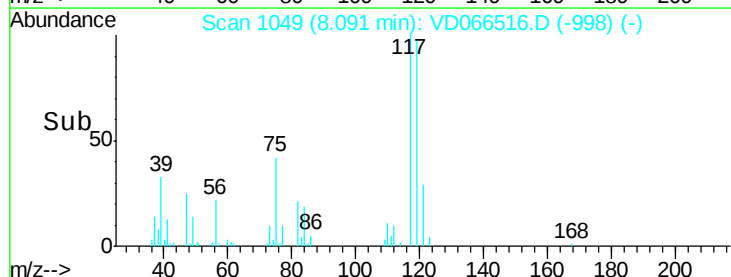
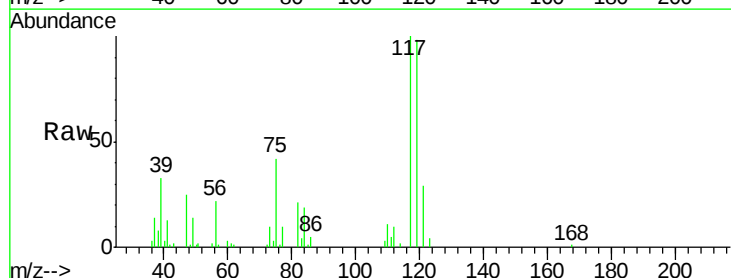
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

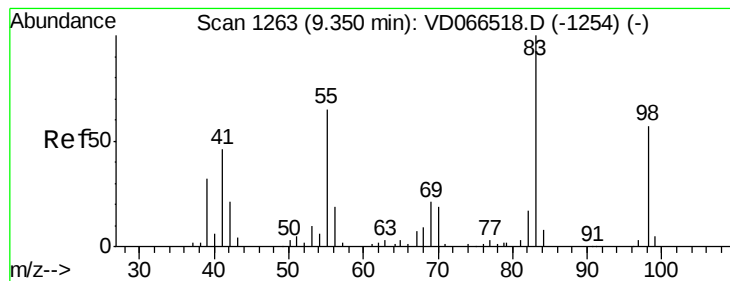
Tgt Ion: 43 Resp: 7482
Ion Ratio Lower Upper
43 100
61 14.6 10.7 16.1
70 10.0 10.2 15.2#



#38
Carbon Tetrachloride
Concen: 10.247 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 117 Resp: 32846
Ion Ratio Lower Upper
117 100
119 98.4 73.9 110.9
121 29.1 25.6 38.4





#39

Methylcyclohexane

Concen: 10.590 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

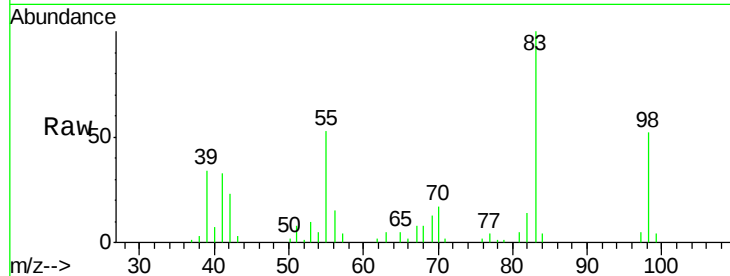
Tgt Ion: 83 Resp: 26034

Ion Ratio Lower Upper

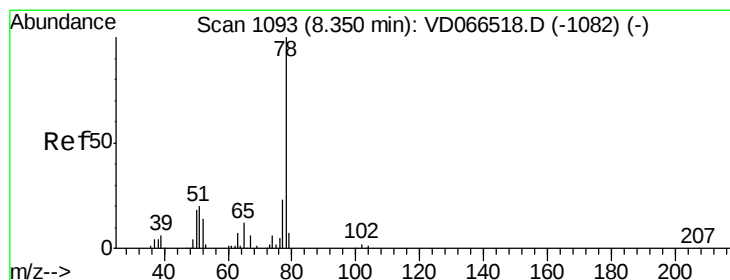
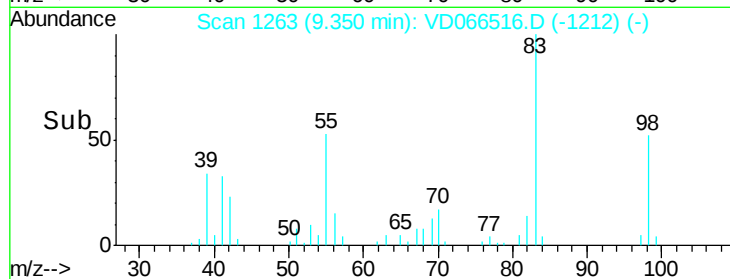
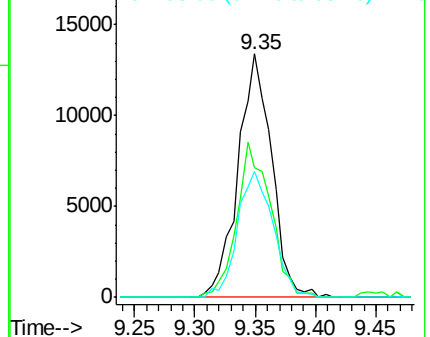
83 100

55 53.2 52.2 78.2

98 51.8 45.6 68.4



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: 9.957 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VD066516.D

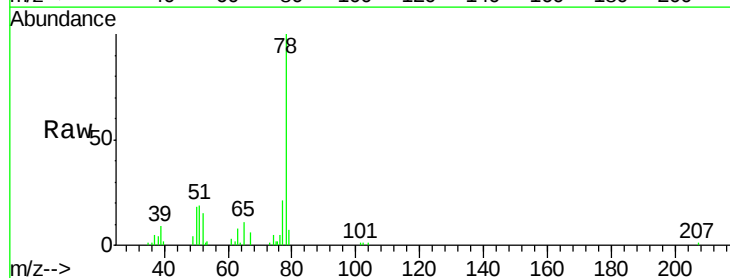
Acq: 02 Sep 2020 11:49

Tgt Ion: 78 Resp: 54048

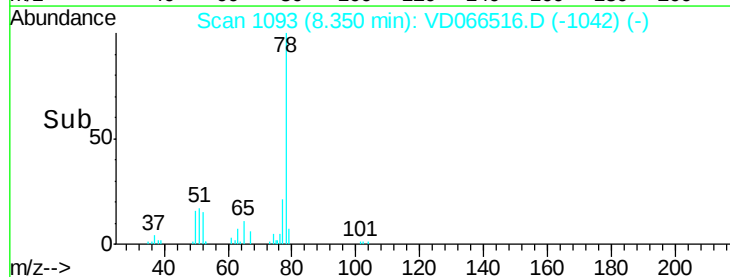
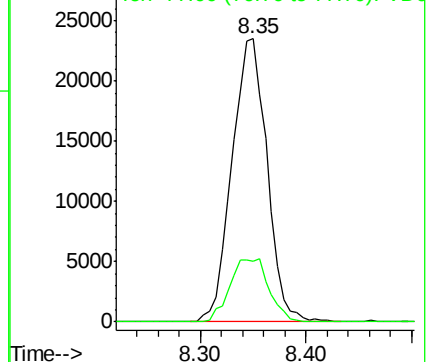
Ion Ratio Lower Upper

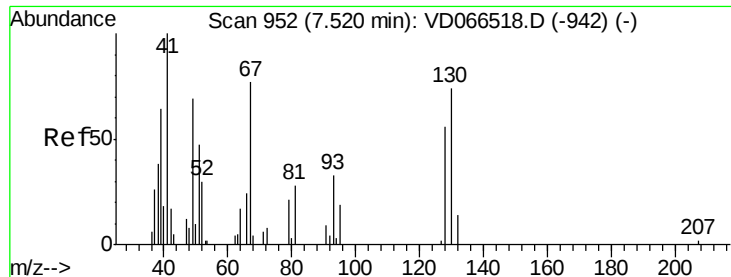
78 100

77 21.4 18.1 27.1



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

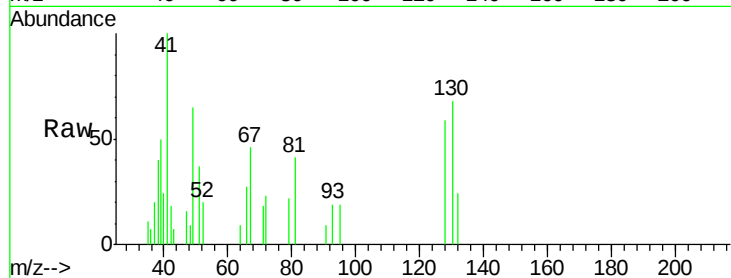




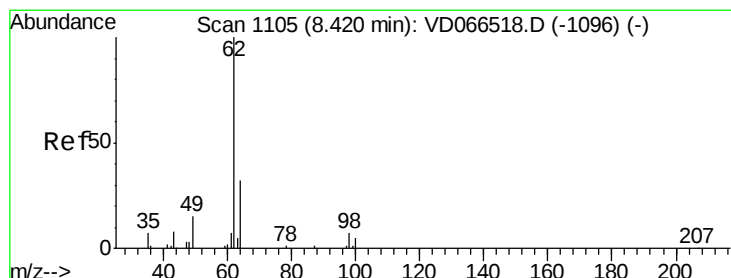
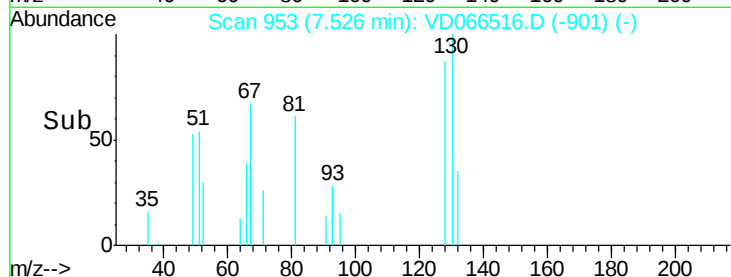
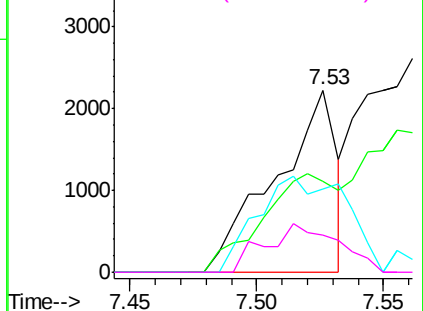
#41
Methacrylonitrile
Concen: 10.361 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 3726
Ion Ratio Lower Upper
41 100
39 66.5 0.0 0.0#
67 76.8 85.0 127.4#
52 31.7 38.8 58.2#

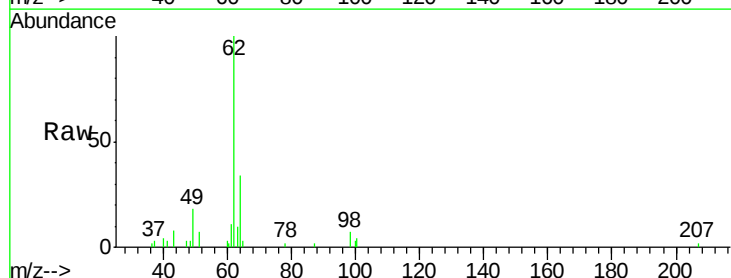


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

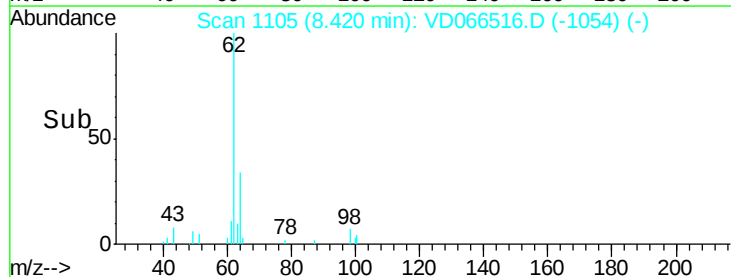
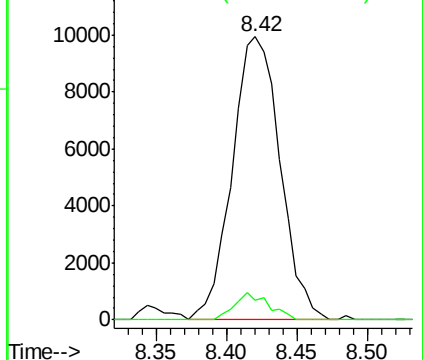


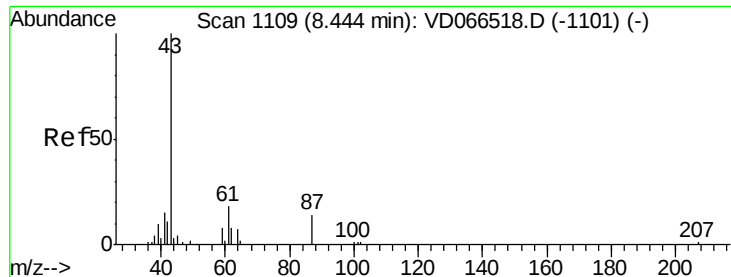
#42
1,2-Dichloroethane
Concen: 10.282 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 62 Resp: 23611
Ion Ratio Lower Upper
62 100
98 6.8 0.0 15.2



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC

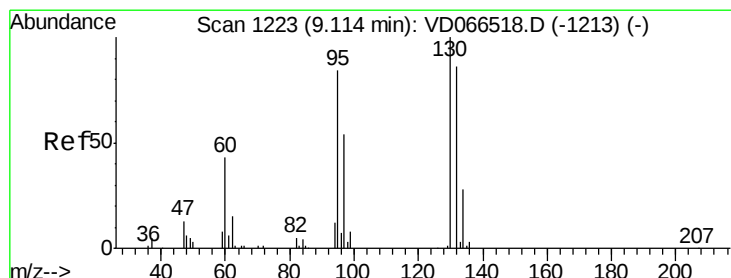
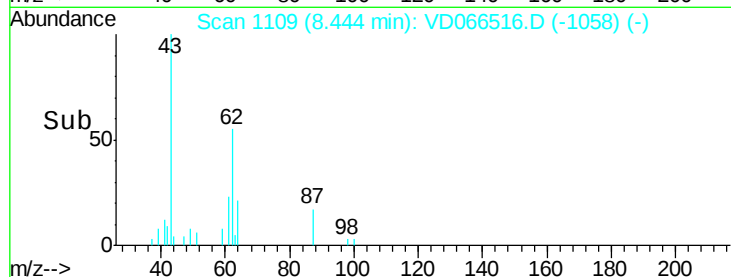
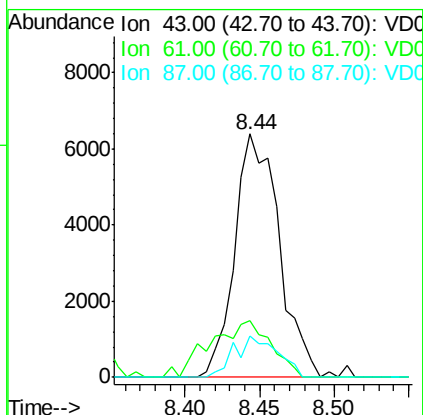
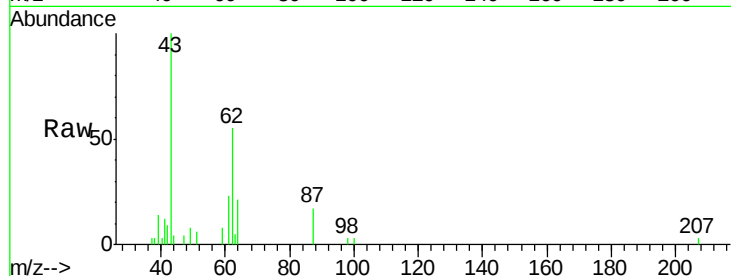




#43
Isopropyl Acetate
Concen: 10.017 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

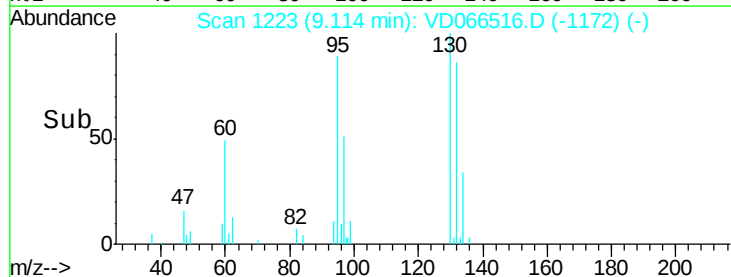
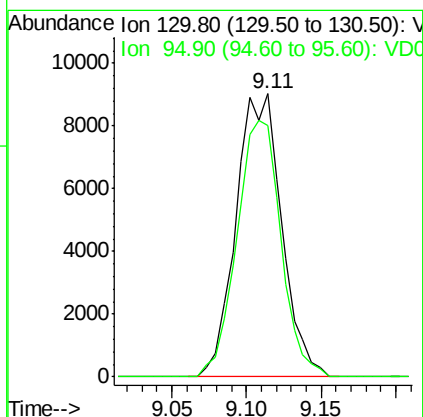
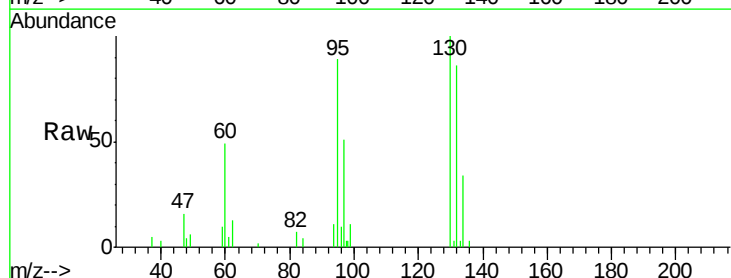
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

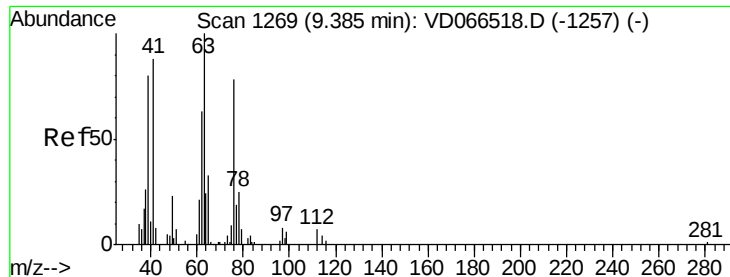
Tgt Ion: 43 Resp: 13254
Ion Ratio Lower Upper
43 100
61 32.0 26.9 40.3
87 16.4 12.9 19.3



#44
Trichloroethene
Concen: 10.208 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 130 Resp: 19126
Ion Ratio Lower Upper
130 100
95 89.0 0.0 167.2

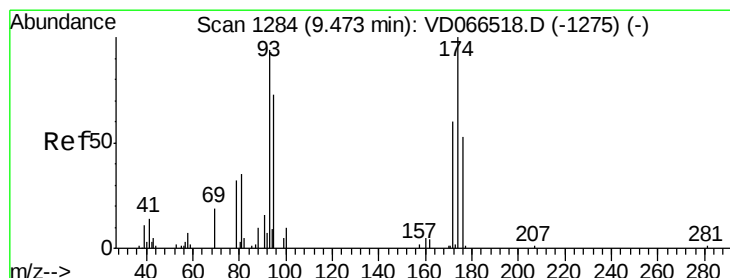
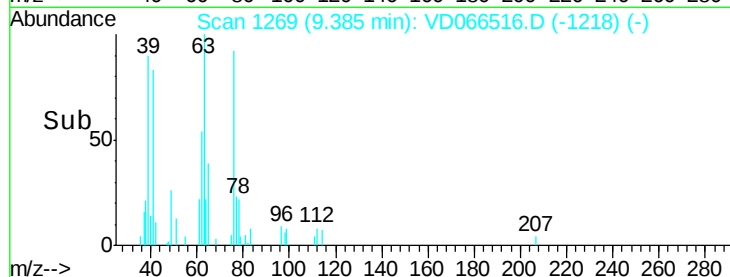
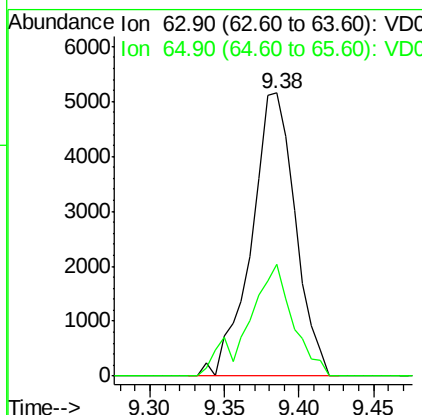
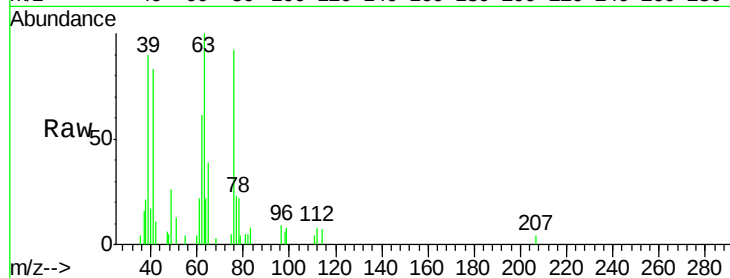




#45
 1,2-Dichloropropane
 Concen: 9.778 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

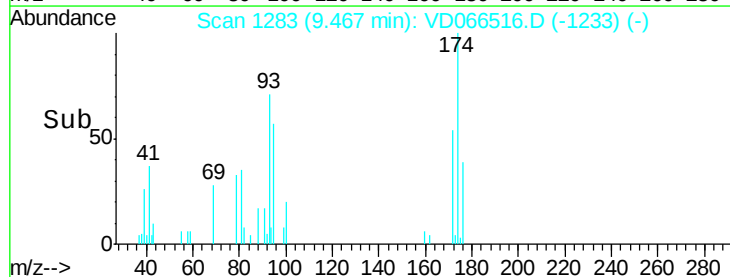
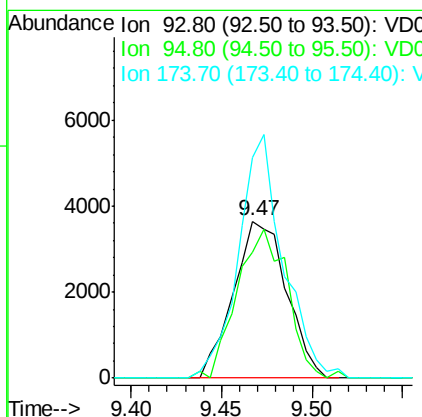
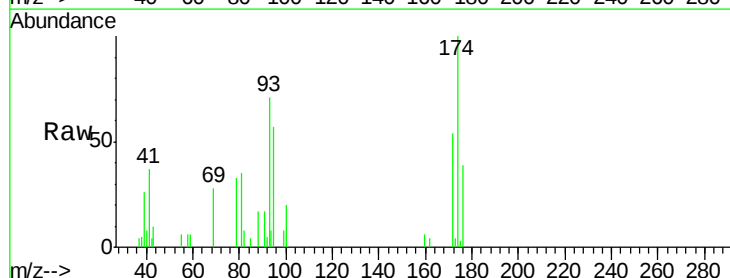
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

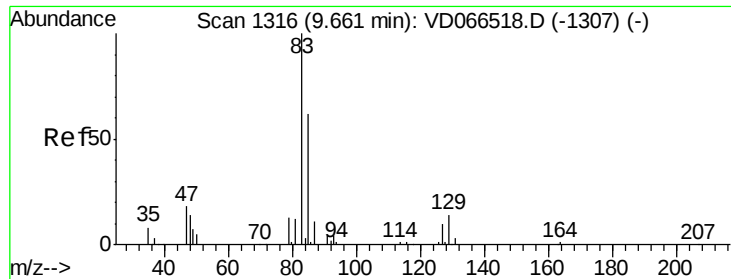
Tgt Ion: 63 Resp: 10531
 Ion Ratio Lower Upper
 63 100
 65 39.3 26.2 39.4



#46
 Dibromomethane
 Concen: 9.391 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion: 93 Resp: 7405
 Ion Ratio Lower Upper
 93 100
 95 90.1 63.9 95.9
 174 131.1 94.4 141.6

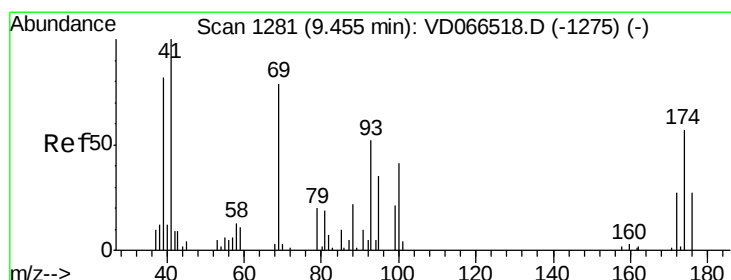
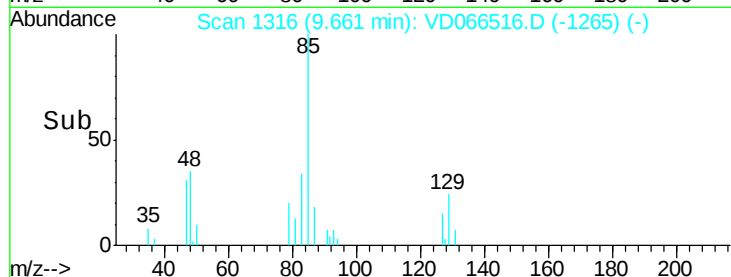
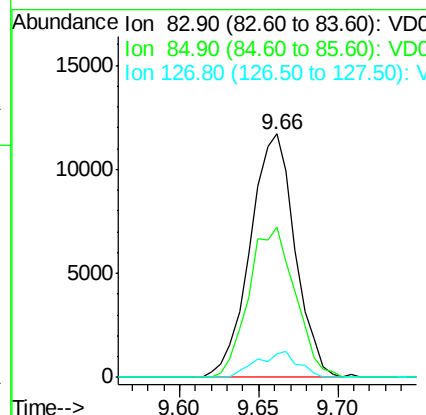
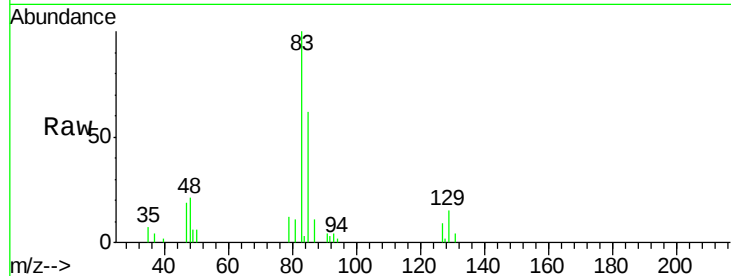




#47
 Bromodichloromethane
 Concen: 9.842 ug/l
 RT: 9.66 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

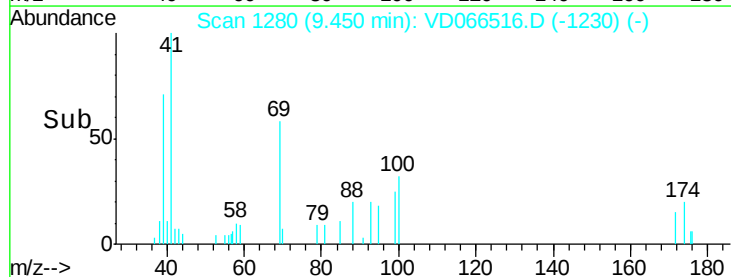
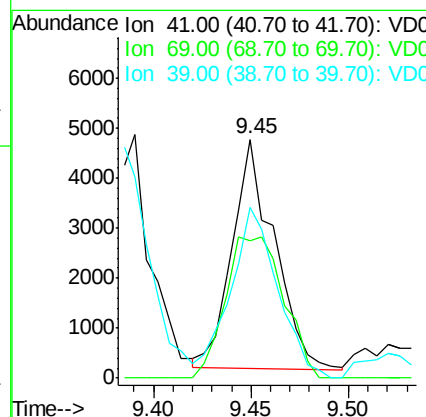
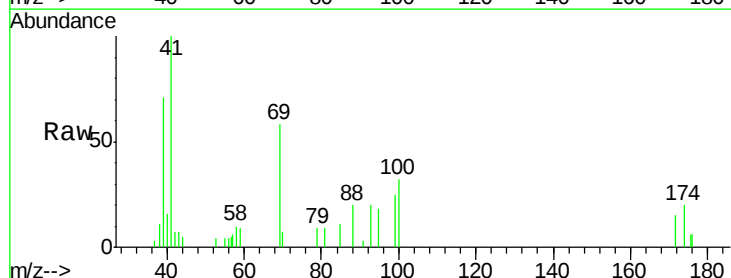
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

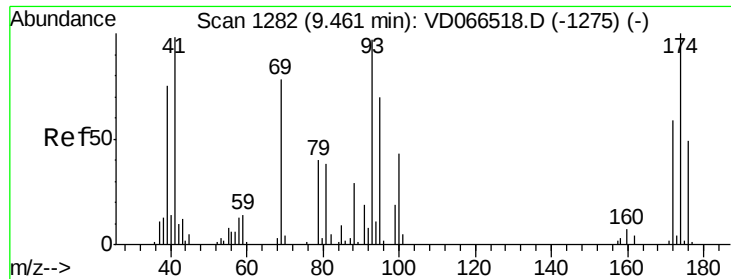
Tgt Ion: 83 Resp: 23064
 Ion Ratio Lower Upper
 83 100
 85 61.7 49.6 74.4
 127 9.4 7.8 11.6



#48
 Methyl methacrylate
 Concen: 10.096 ug/l
 RT: 9.45 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion: 41 Resp: 6808
 Ion Ratio Lower Upper
 41 100
 69 86.0 71.1 106.7
 39 84.4 75.4 113.2

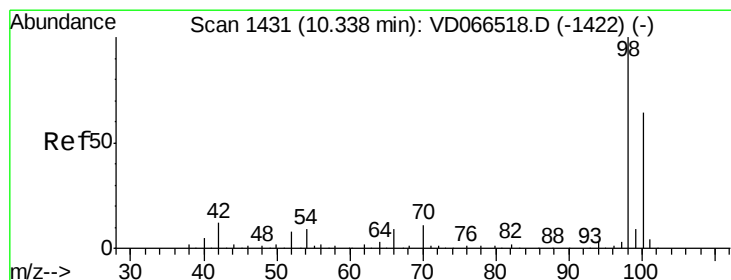
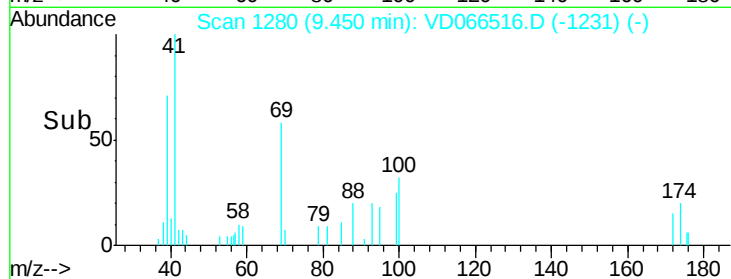
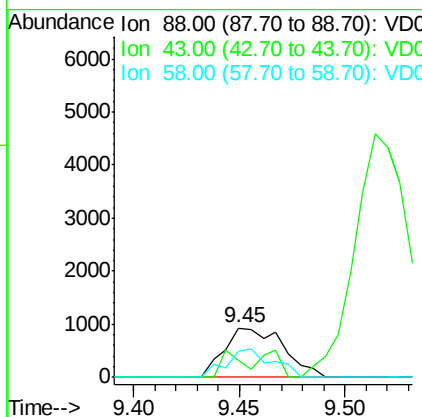
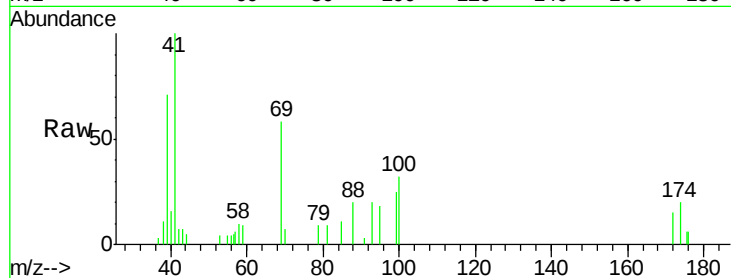




#49
 1,4-Dioxane
 Concen: 197.158 ug/l
 RT: 9.45 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

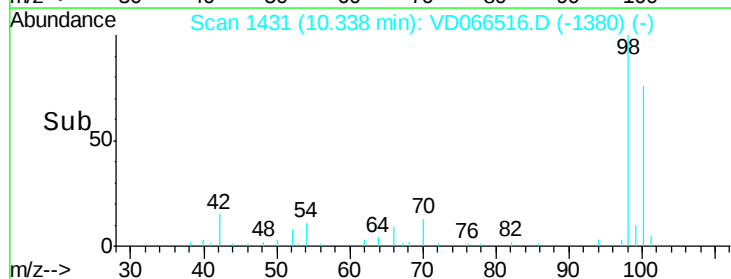
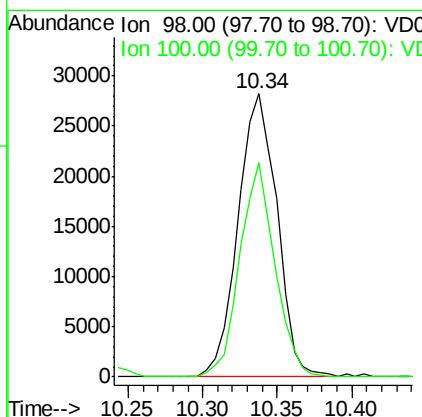
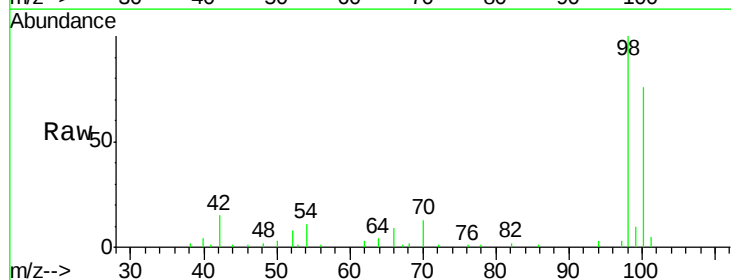
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

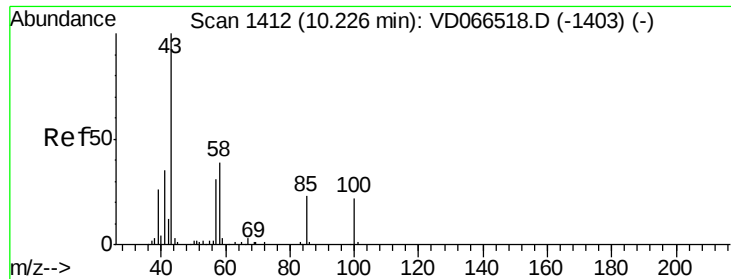
Tgt Ion: 88 Resp: 1818
 Ion Ratio Lower Upper
 88 100
 43 19.4 33.8 50.6#
 58 43.7 46.2 69.4#



#50
 Toluene-d8
 Concen: 9.399 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion: 98 Resp: 50952
 Ion Ratio Lower Upper
 98 100
 100 68.4 52.8 79.2

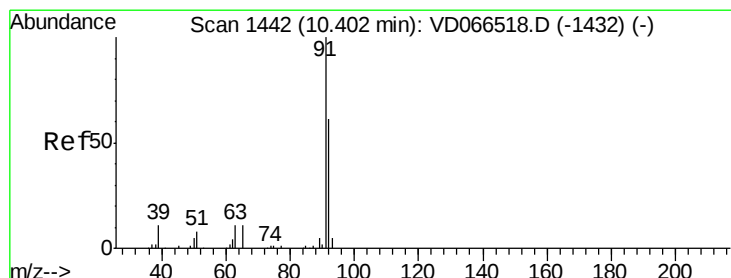
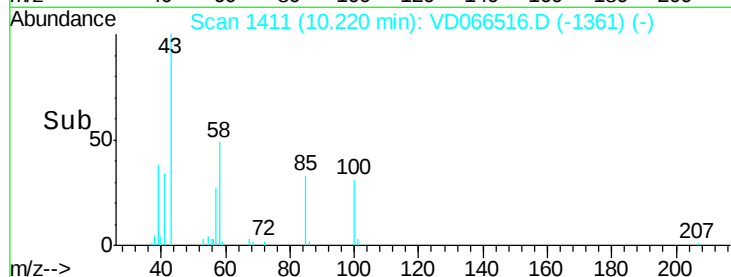
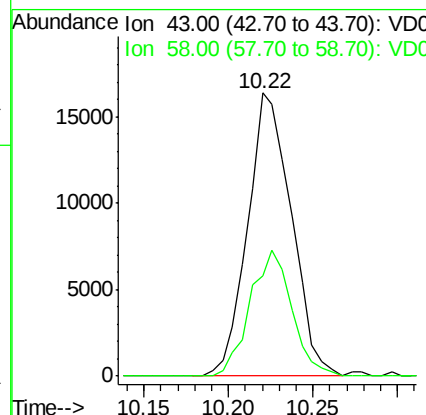
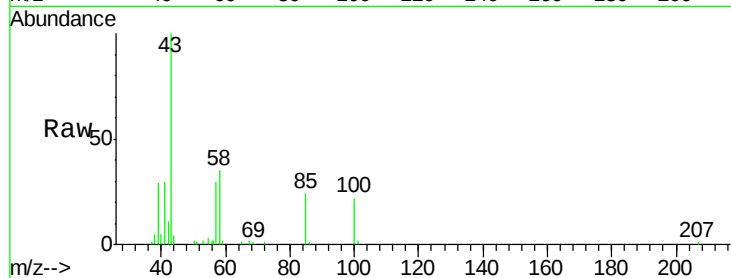




#51
 4-Methyl-2-Pentanone
 Concen: 48.573 ug/l
 RT: 10.22 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

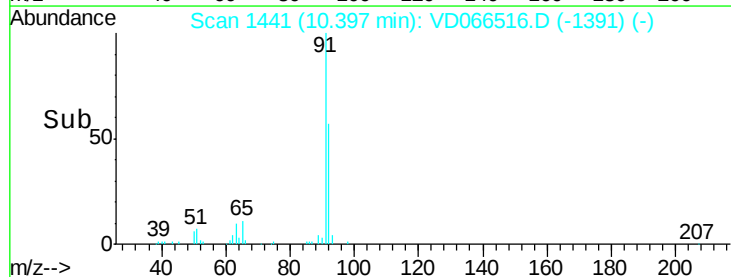
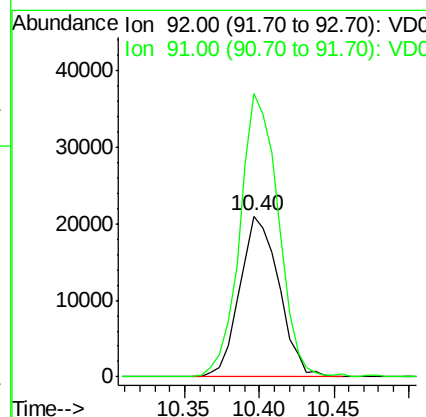
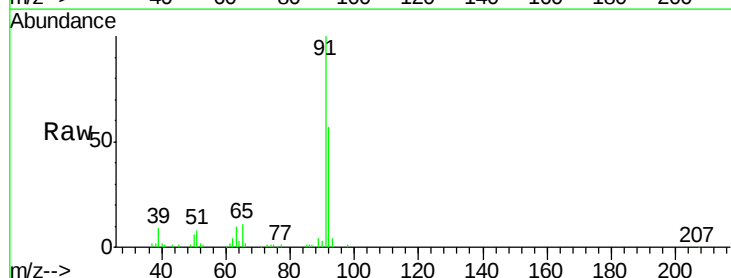
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

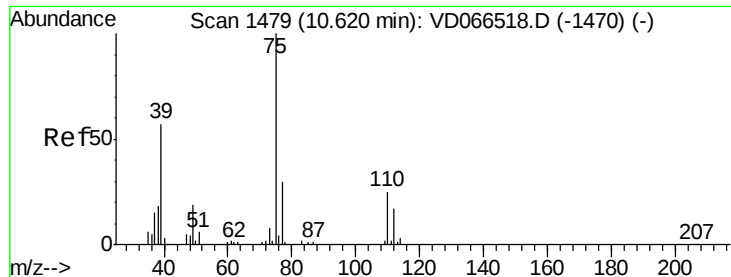
Tgt Ion: 43 Resp: 29553
 Ion Ratio Lower Upper
 43 100
 58 42.3 31.5 47.3



#52
 Toluene
 Concen: 9.895 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion: 92 Resp: 38205
 Ion Ratio Lower Upper
 92 100
 91 172.6 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 10.086 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

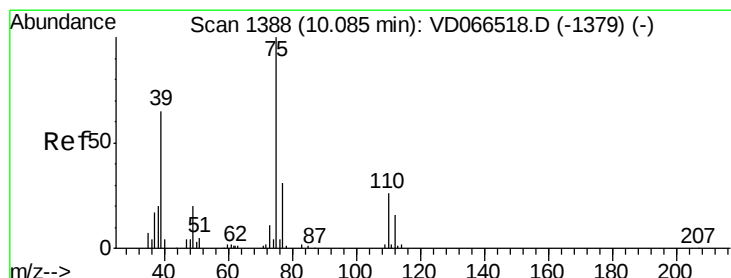
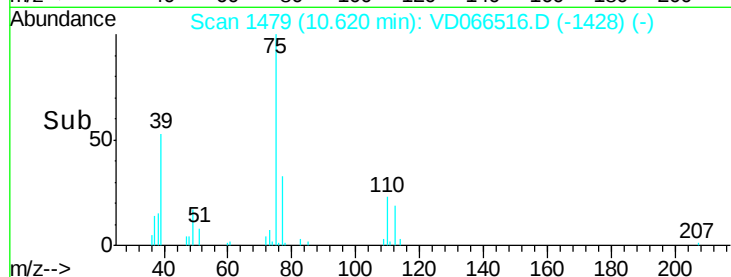
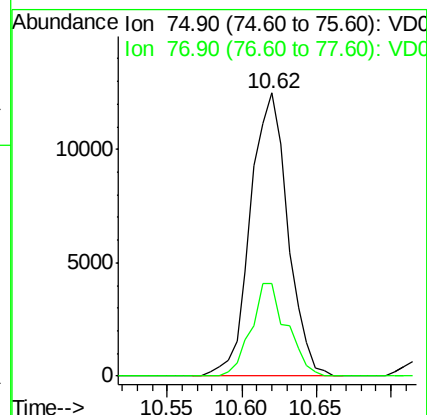
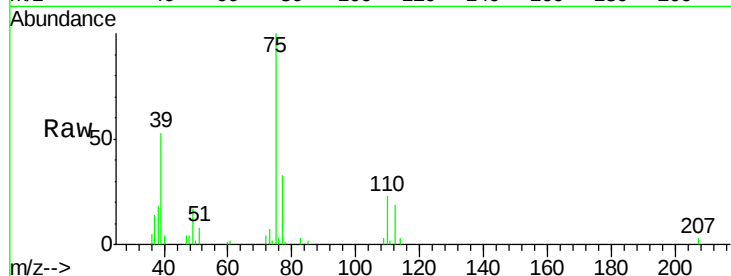
VSTDIC010

Tgt Ion: 75 Resp: 21596

Ion Ratio Lower Upper

75 100

77 32.7 23.7 35.5



#54

cis-1,3-Dichloropropene

Concen: 10.193 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

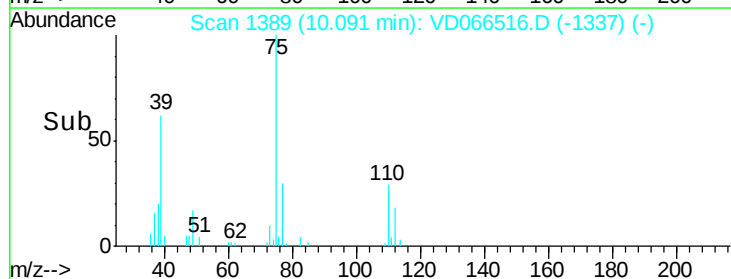
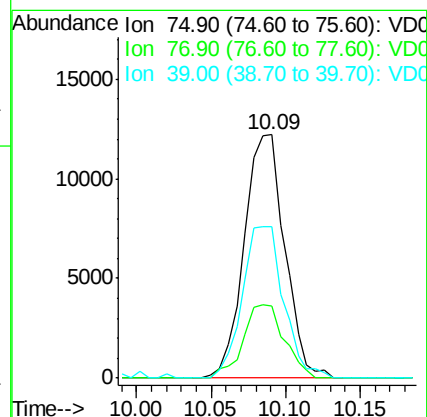
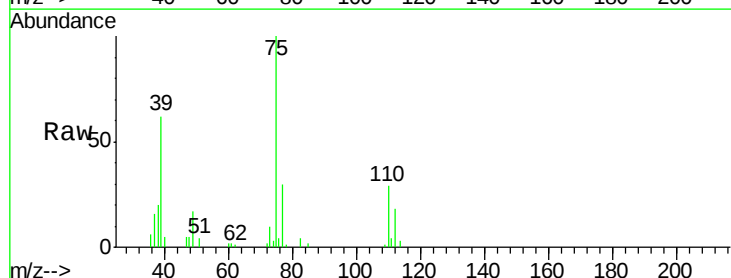
Tgt Ion: 75 Resp: 22992

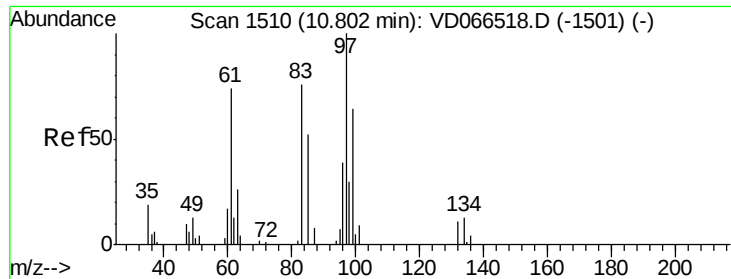
Ion Ratio Lower Upper

75 100

77 29.8 24.5 36.7

39 62.0 52.4 78.6

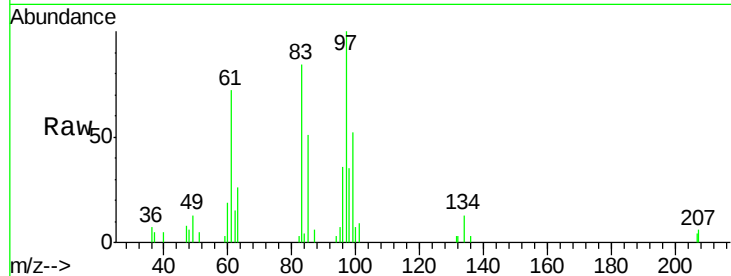




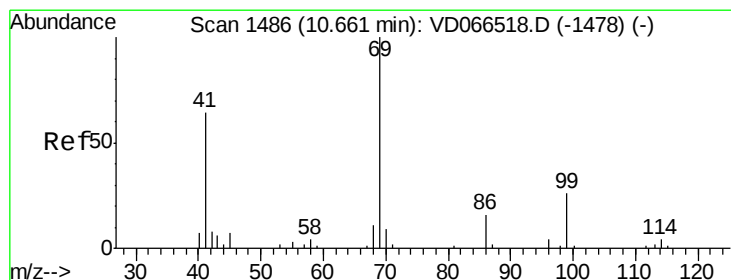
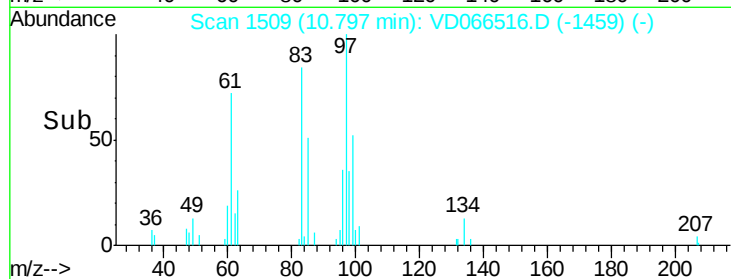
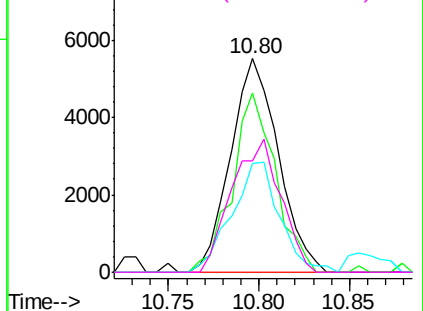
#55
 1,1,2-Trichloroethane
 Concen: 10.161 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:	97	Resp:	10124
Ion	Ratio	Lower	Upper
97	100		
83	83.9	61.2	91.8
85	51.1	42.0	63.0
99	52.2	51.2	76.8

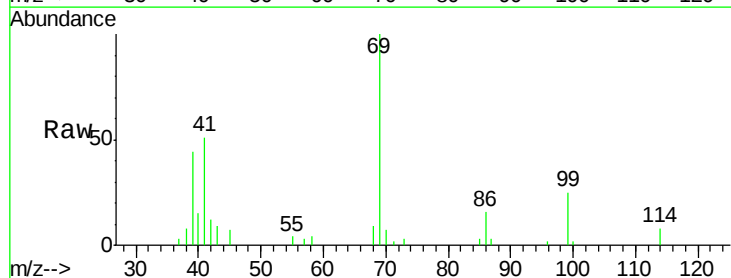


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

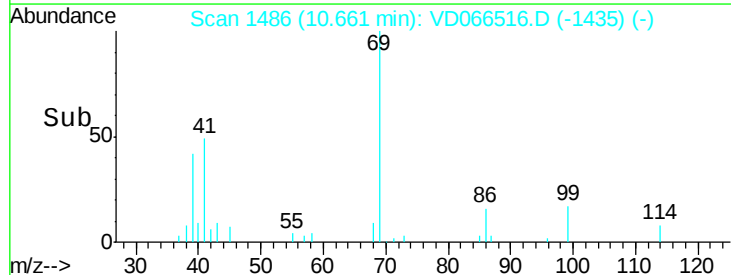
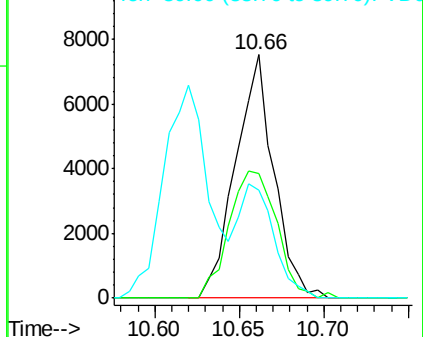


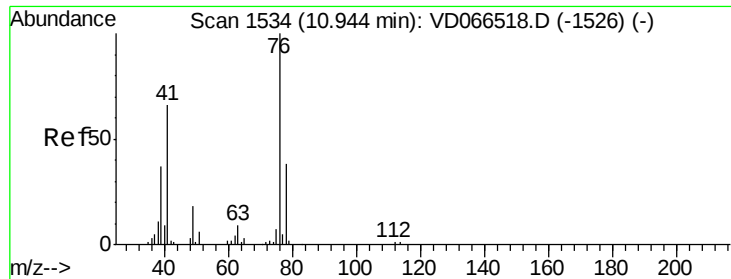
#56
 Ethyl methacrylate
 Concen: 10.159 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion:	69	Resp:	11912
Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.5	78.7
39	43.5	42.1	63.1



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

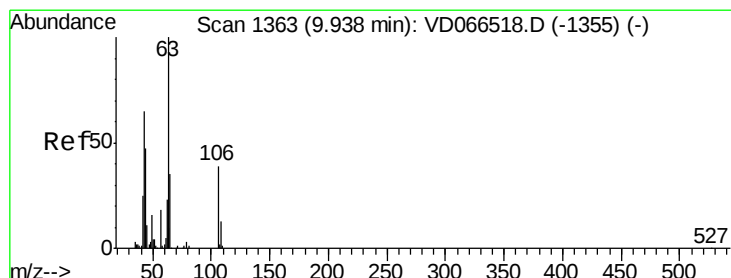
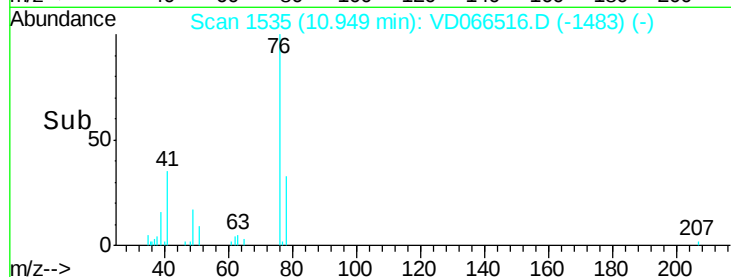
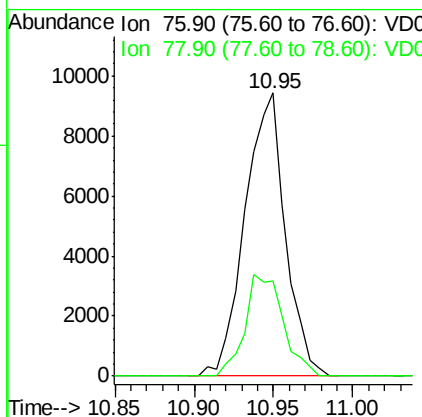
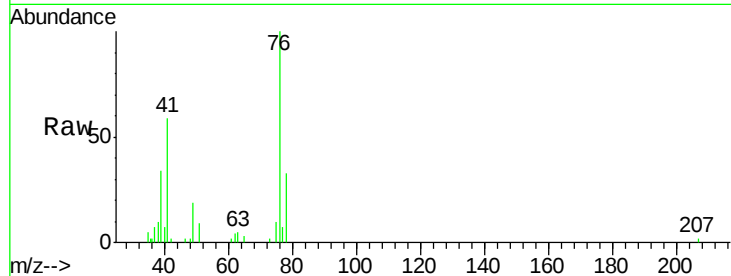




#57
 1,3-Dichloropropane
 Concen: 10.127 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

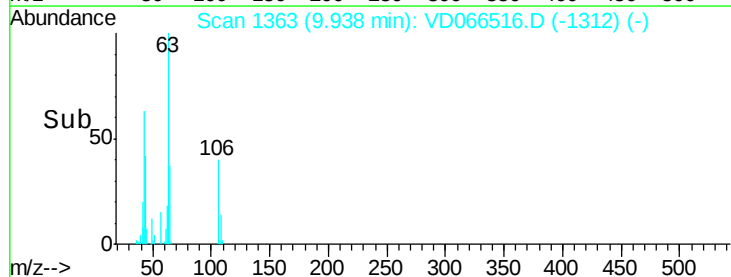
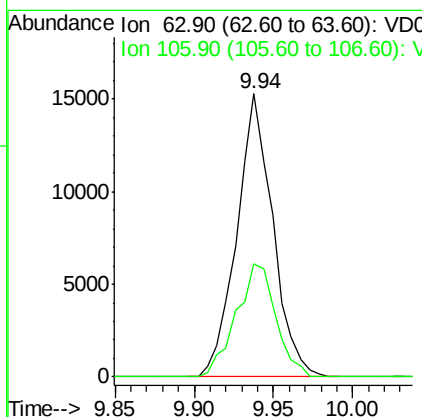
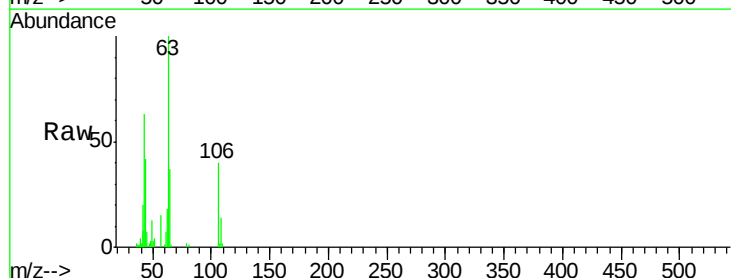
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

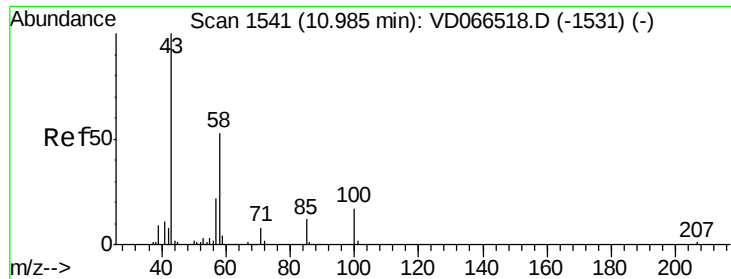
Tgt Ion: 76 Resp: 16662
 Ion Ratio Lower Upper
 76 100
 78 33.9 28.2 42.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 52.578 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion: 63 Resp: 24066
 Ion Ratio Lower Upper
 63 100
 106 43.8 32.1 48.1

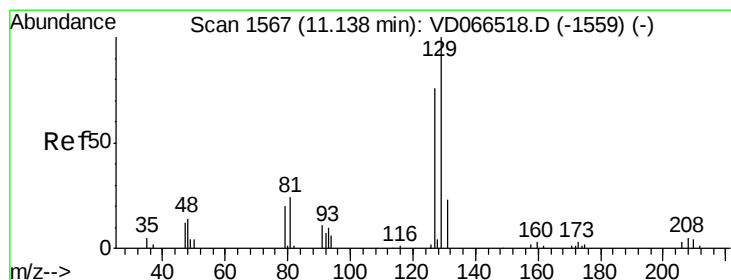
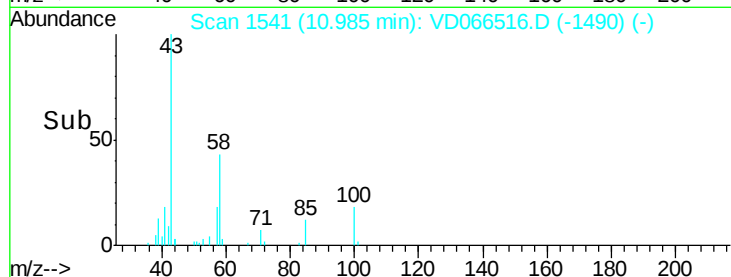
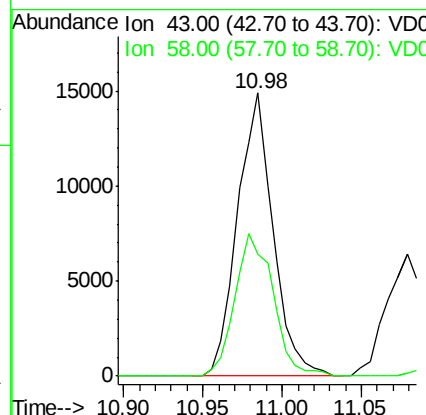
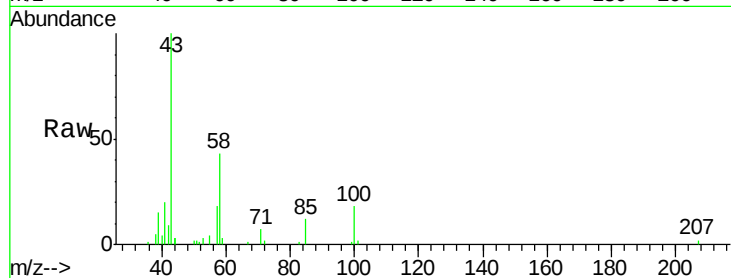




#59
2-Hexanone
Concen: 52.693 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

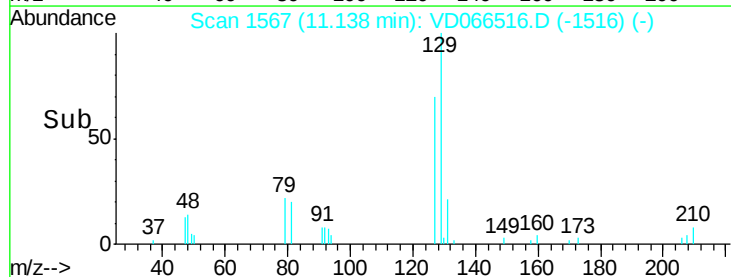
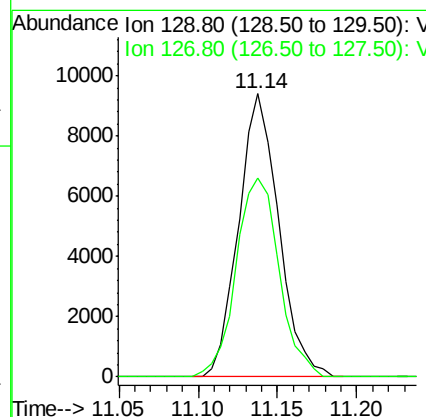
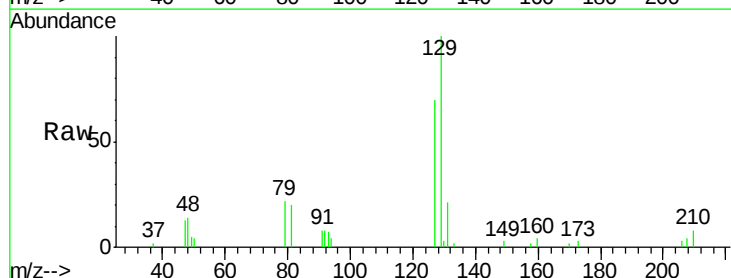
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

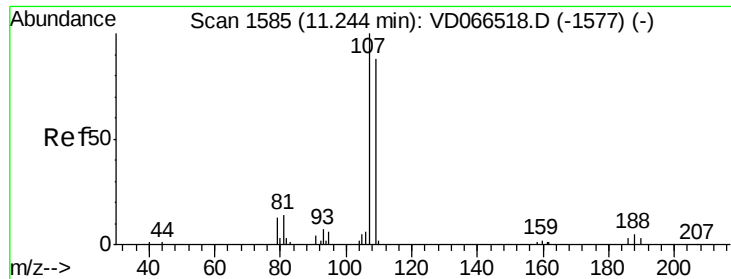
Tgt Ion: 43 Resp: 23154
Ion Ratio Lower Upper
43 100
58 54.0 25.7 77.0



#60
Dibromochloromethane
Concen: 10.006 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 129 Resp: 16486
Ion Ratio Lower Upper
129 100
127 75.5 38.2 114.6

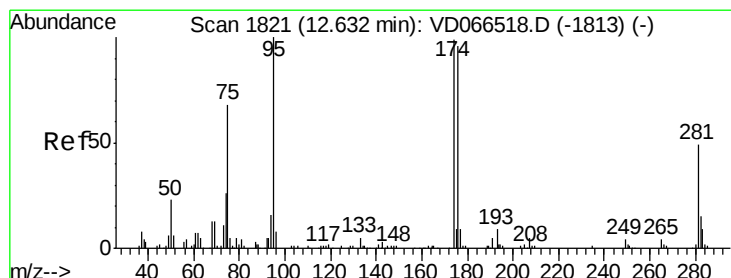
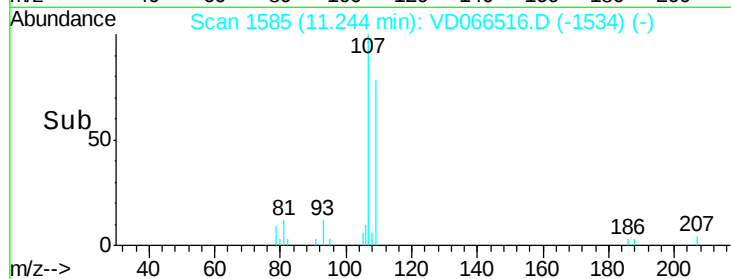
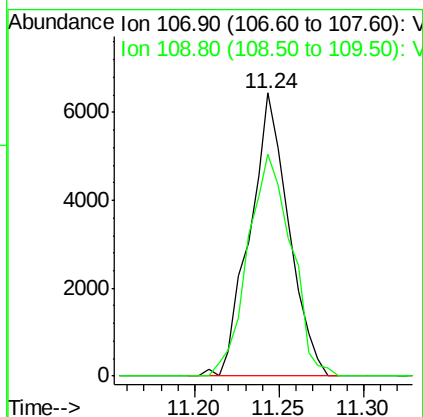
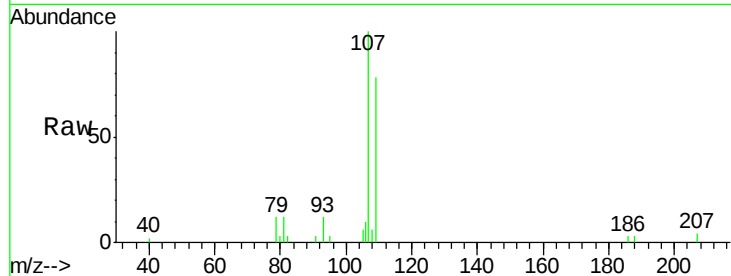




#61
 1,2-Dibromoethane
 Concen: 10.094 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

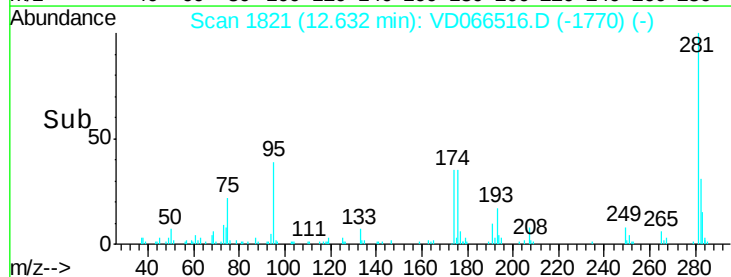
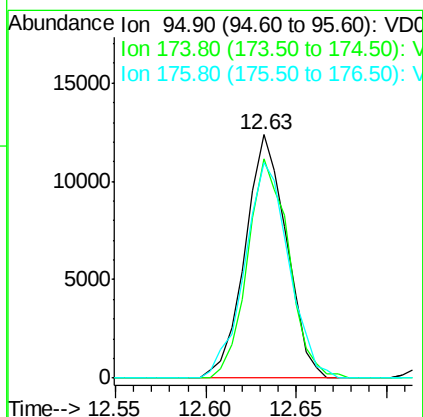
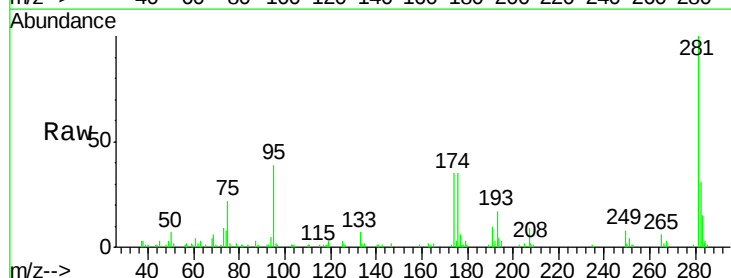
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

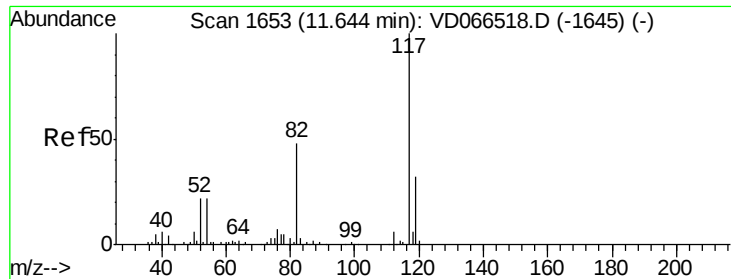
Tgt Ion: 107 Resp: 10251
 Ion Ratio Lower Upper
 107 100
 109 88.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 10.125 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion: 95 Resp: 19567
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 203.2
 176 95.1 0.0 198.6

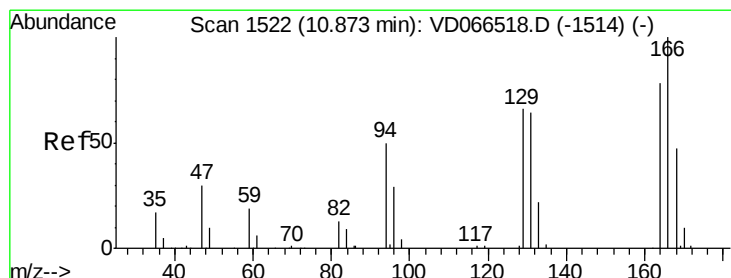
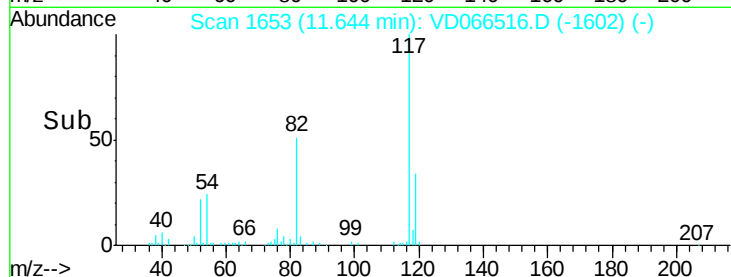
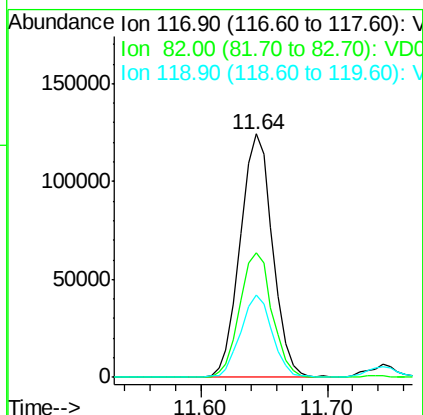
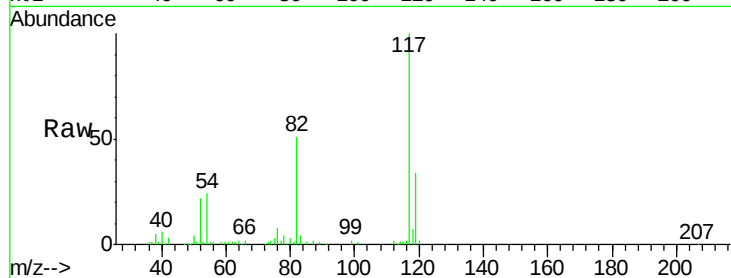




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

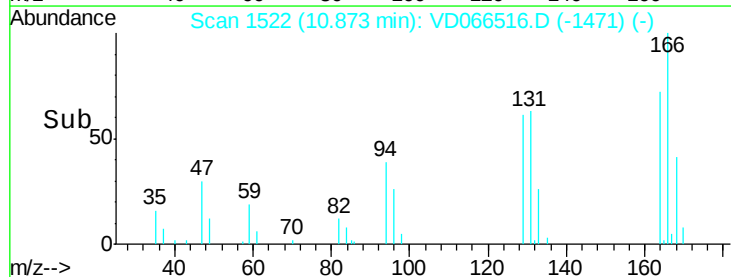
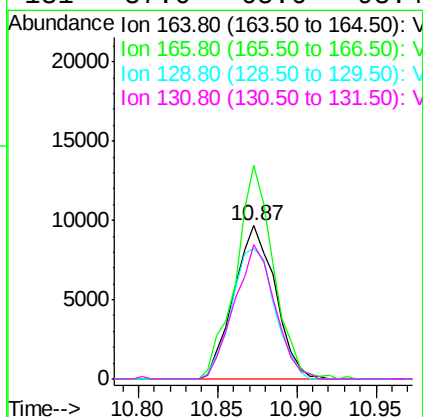
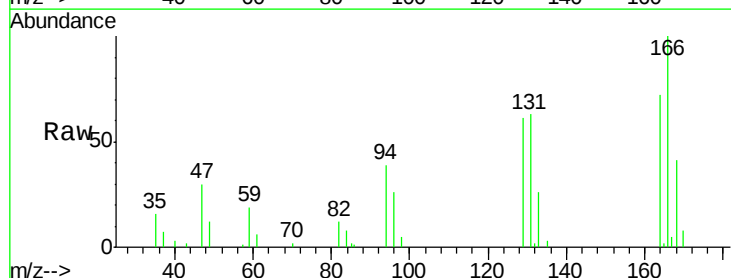
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

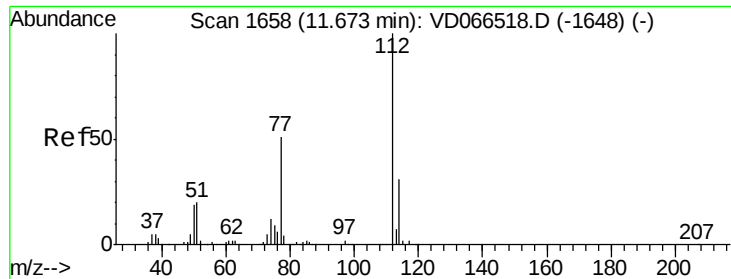
Tgt Ion:117 Resp: 220150
Ion Ratio Lower Upper
117 100
82 51.4 38.5 57.7
119 33.6 25.9 38.9



#64
Tetrachloroethene
Concen: 10.255 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion:164 Resp: 17602
Ion Ratio Lower Upper
164 100
166 139.1 103.0 154.6
129 84.9 68.3 102.5
131 87.6 65.6 98.4





#65

Chlorobenzene

Concen: 10.051 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

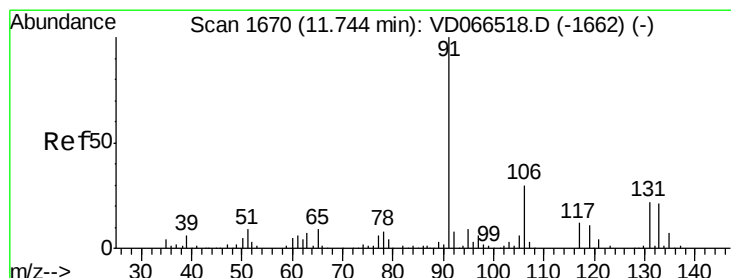
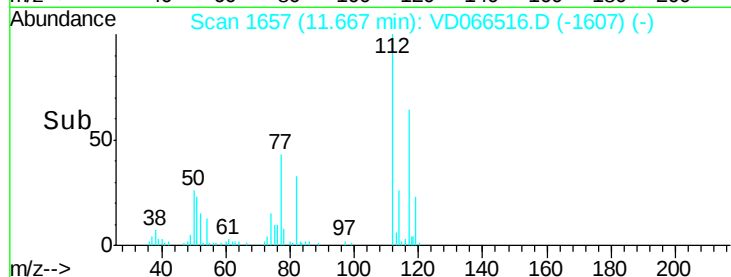
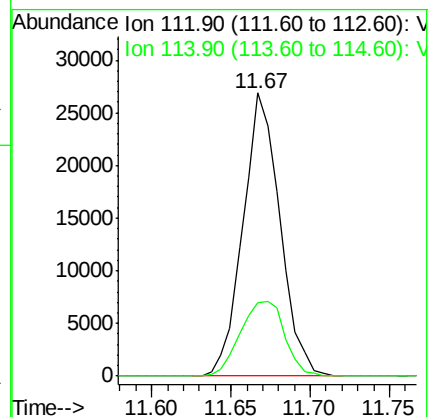
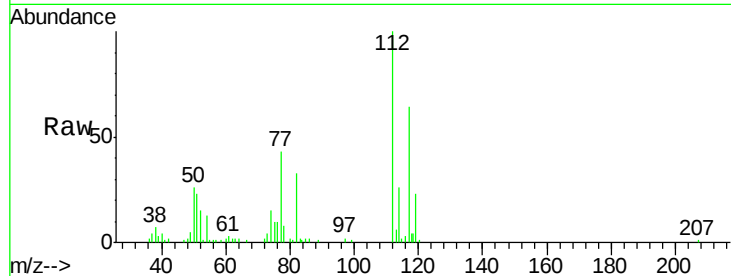
VSTDIC010

Tgt Ion:112 Resp: 43535

Ion Ratio Lower Upper

112 100

114 26.1 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 10.170 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

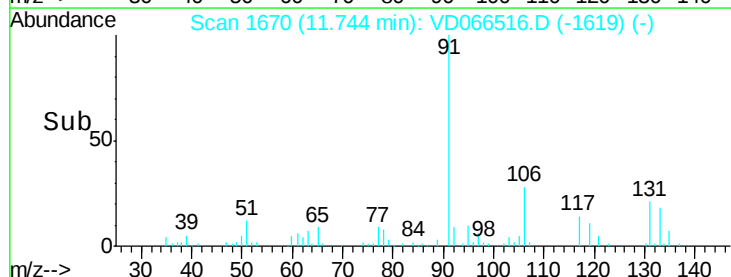
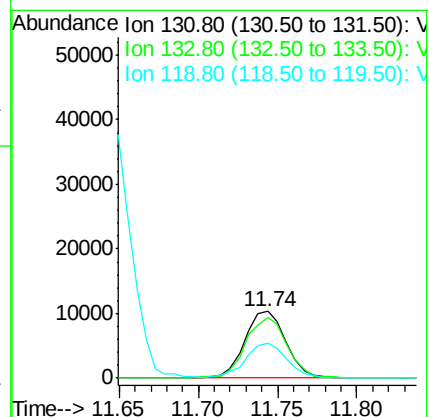
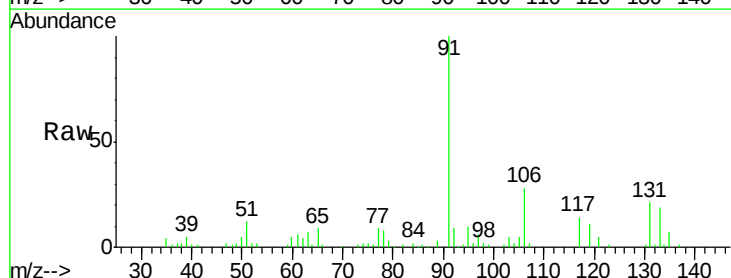
Tgt Ion:131 Resp: 18637

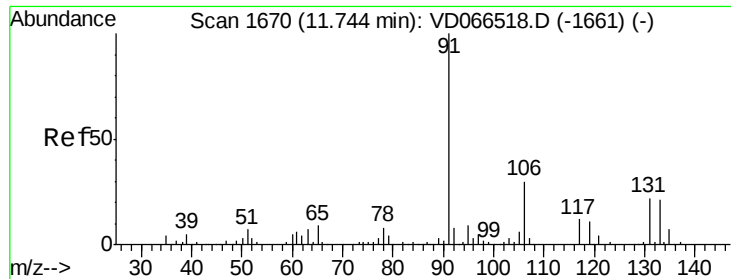
Ion Ratio Lower Upper

131 100

133 91.6 47.5 142.5

119 53.2 27.2 81.6

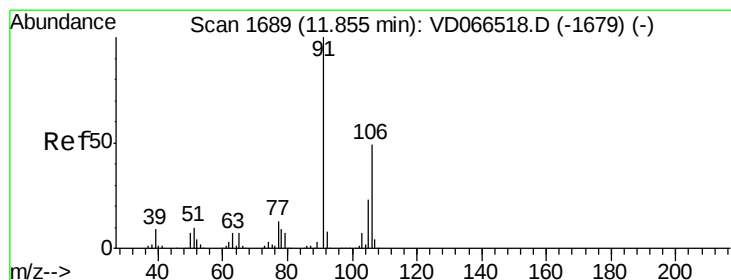
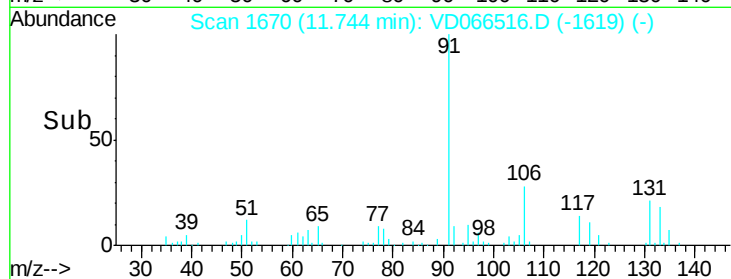
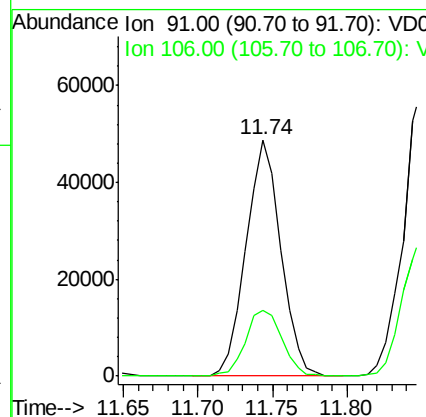
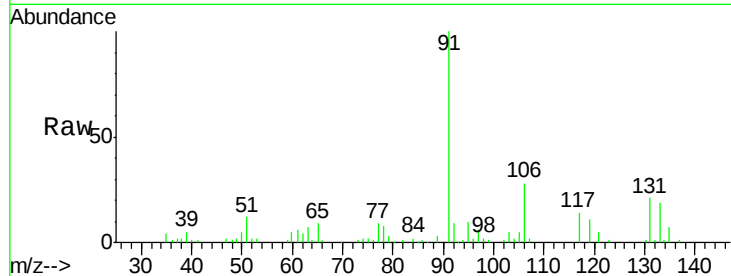




#67
Ethyl Benzene
Concen: 10.263 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

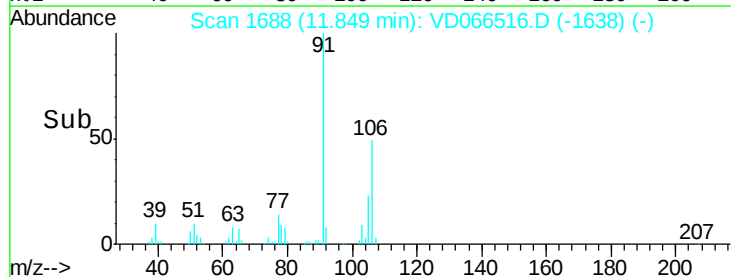
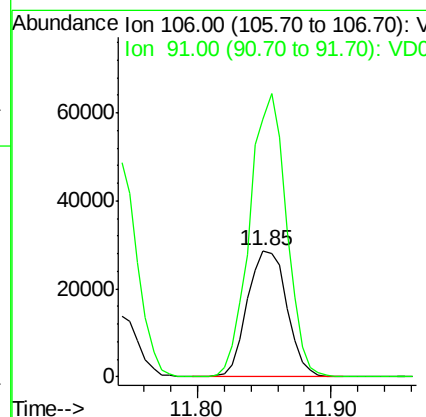
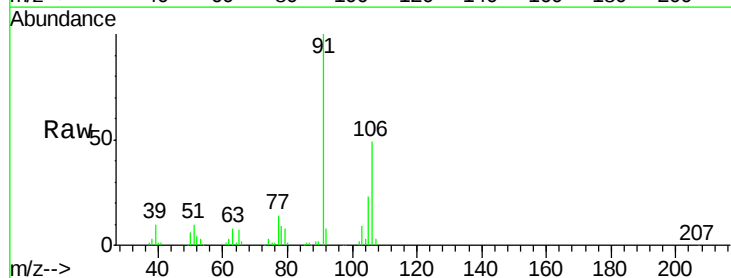
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

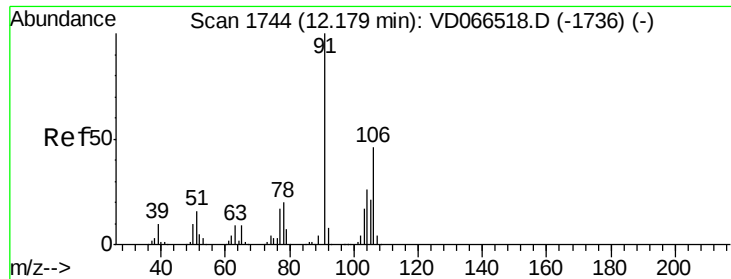
Tgt Ion: 91 Resp: 78306
Ion Ratio Lower Upper
91 100
106 28.1 24.0 36.0



#68
m/p-Xylenes
Concen: 19.866 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 106 Resp: 58645
Ion Ratio Lower Upper
106 100
91 208.3 163.3 244.9

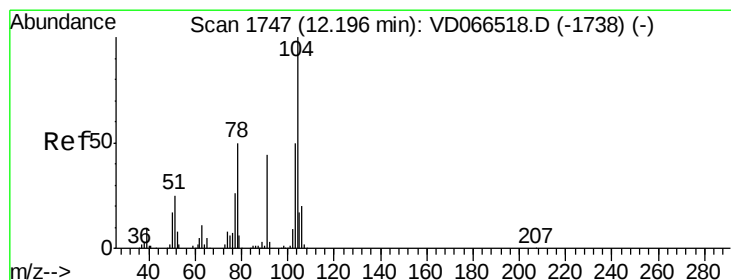
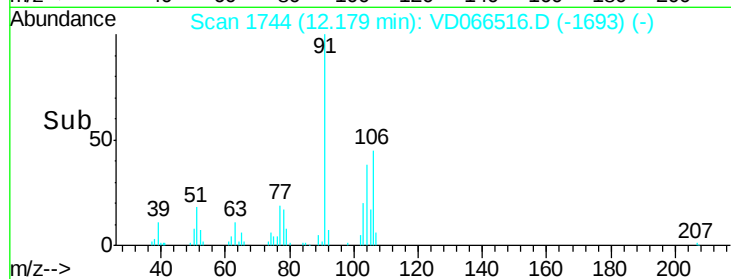
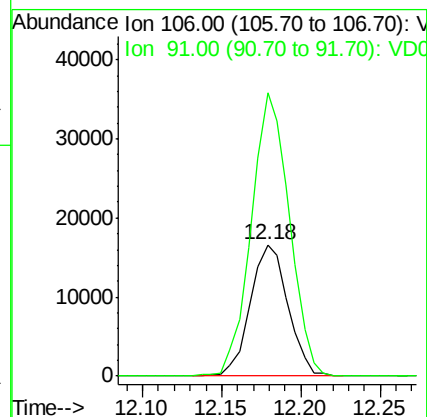
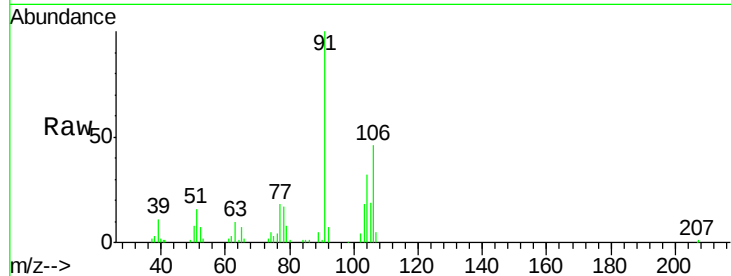




#69
o-Xylene
Concen: 9.827 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

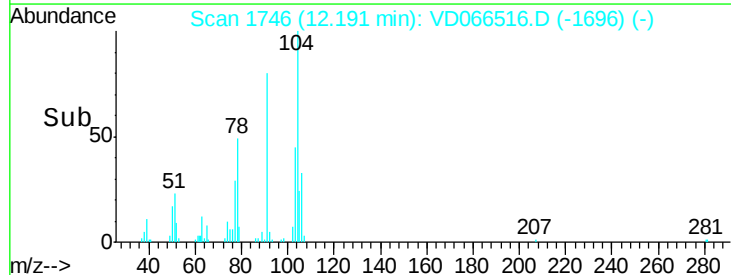
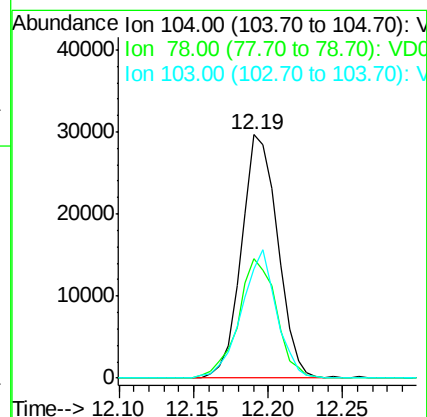
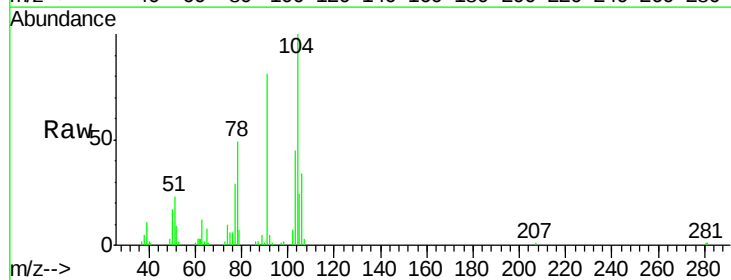
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

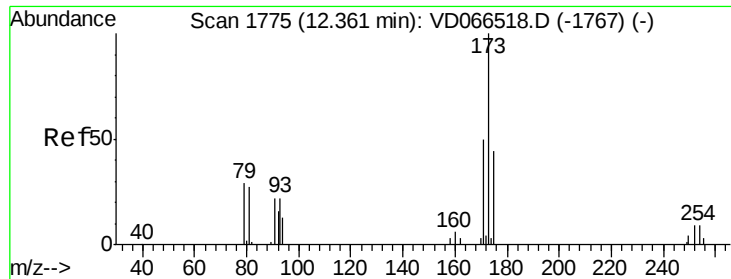
Tgt Ion:106 Resp: 27478
Ion Ratio Lower Upper
106 100
91 217.9 108.7 326.3



#70
Styrene
Concen: 10.414 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion:104 Resp: 49854
Ion Ratio Lower Upper
104 100
78 51.9 44.3 66.5
103 51.2 44.1 66.1

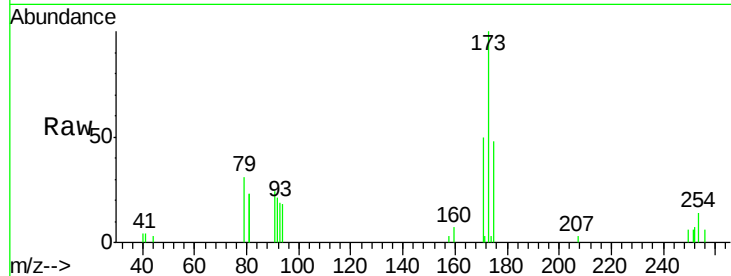




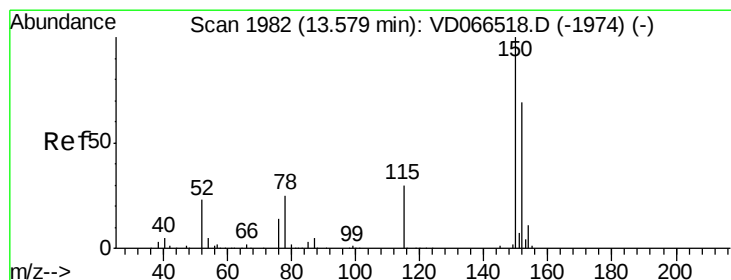
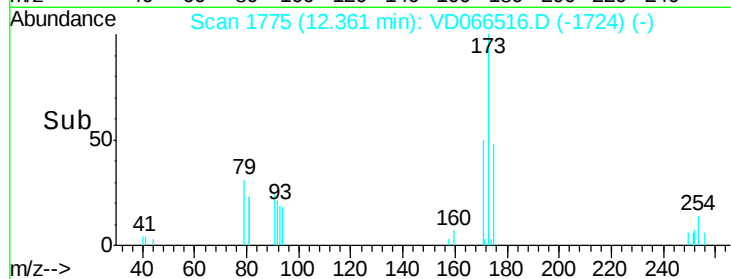
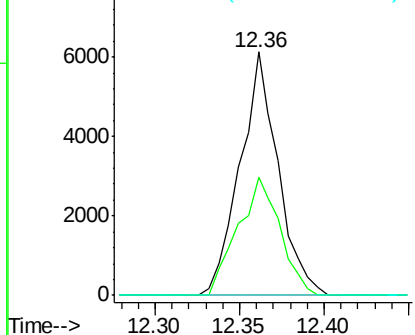
#71
Bromoform
Concen: 9.583 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 9632
Ion Ratio Lower Upper
173 100
175 53.8 22.3 66.8
254 0.0 0.0 0.0

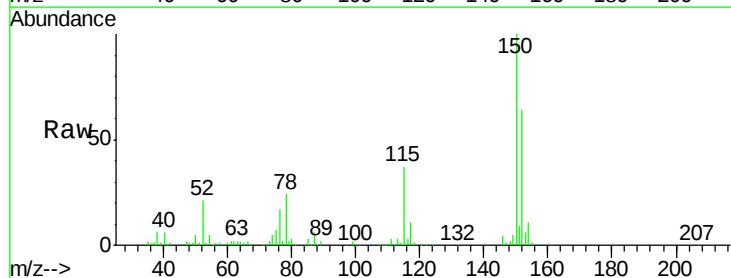


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

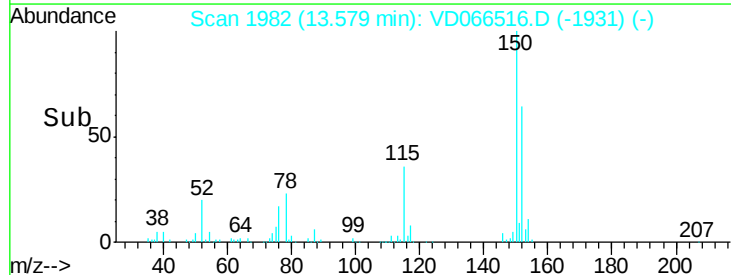
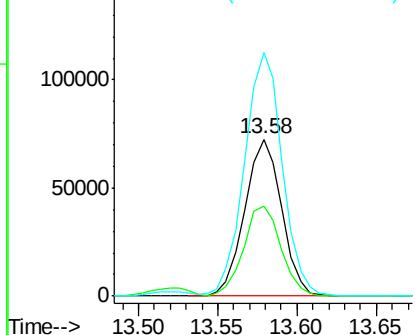


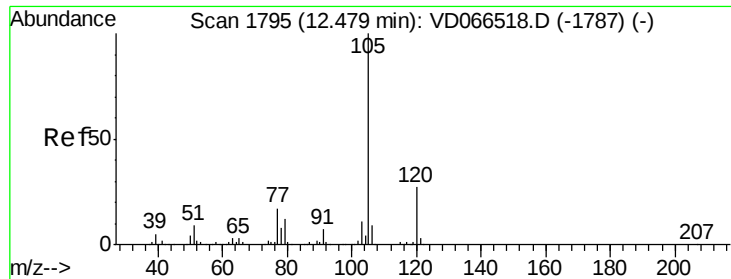
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion:152 Resp: 117152
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 159.7 0.0 339.6



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: 10.234 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampled :

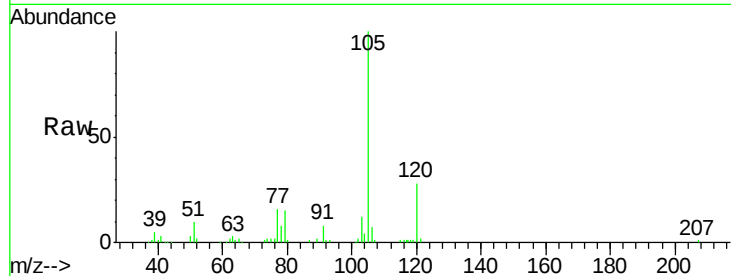
VSTDIC010

Tgt Ion:105 Resp: 80115

Ion Ratio Lower Upper

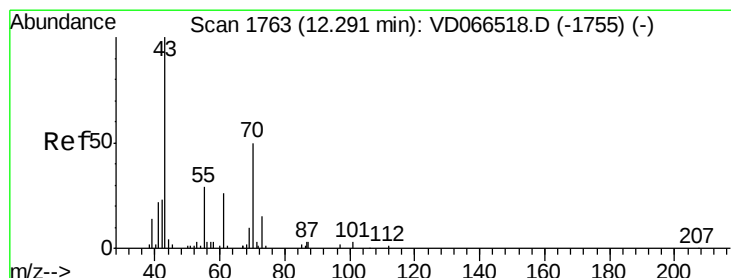
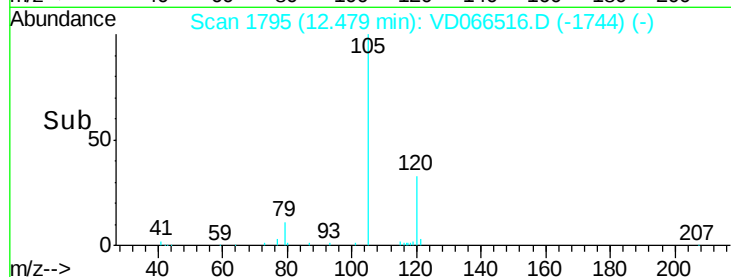
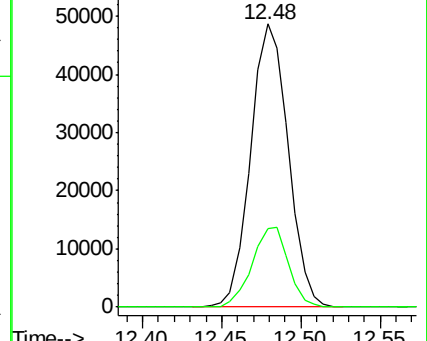
105 100

120 27.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 10.200 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Tgt Ion: 43 Resp: 12040

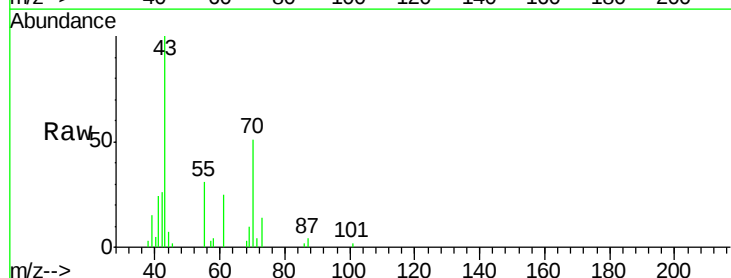
Ion Ratio Lower Upper

43 100

70 46.6 36.2 54.2

55 24.9 20.6 30.8

61 25.0 19.5 29.3

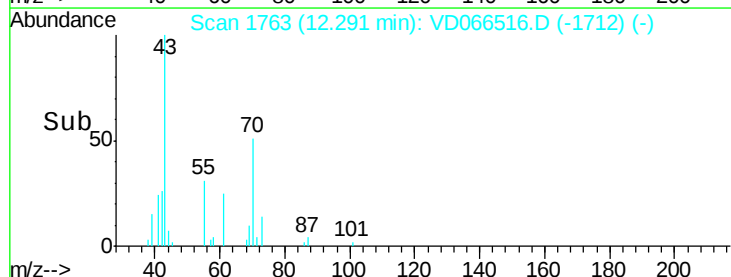
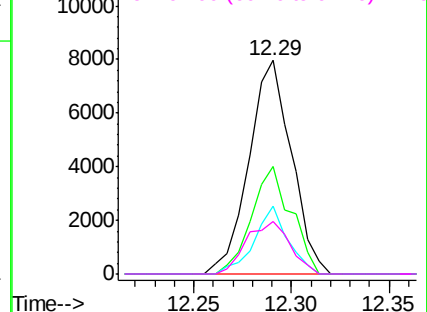


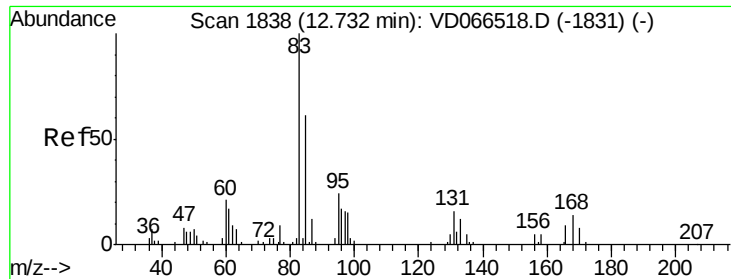
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 10.825 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

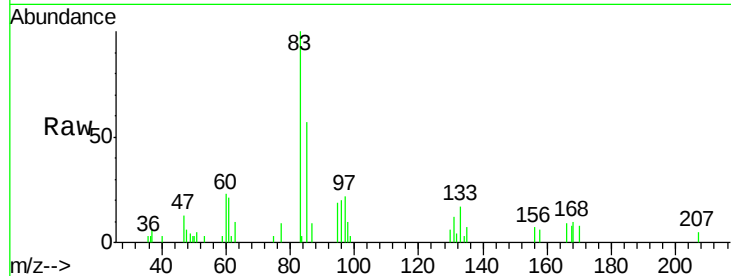
Tgt Ion: 83 Resp: 10013

Ion Ratio Lower Upper

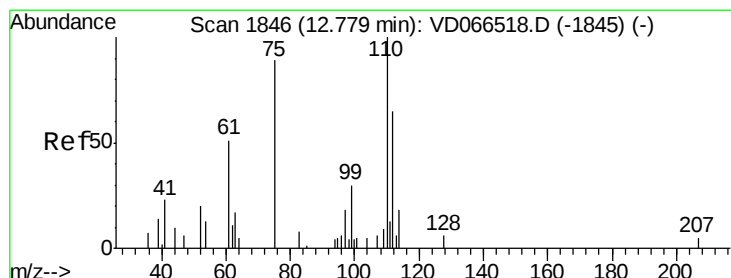
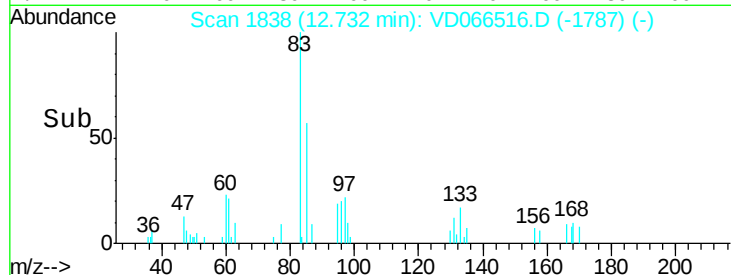
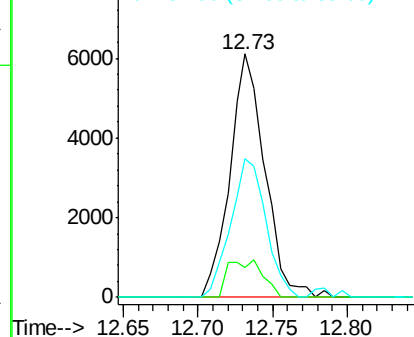
83 100

131 15.2 8.3 24.9

85 57.1 32.6 97.7



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: 20.849 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066516.D

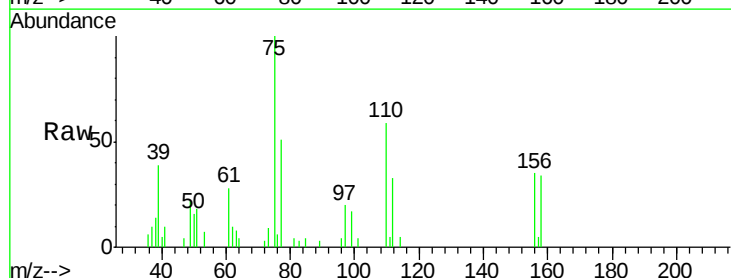
Acq: 02 Sep 2020 11:49

Tgt Ion: 75 Resp: 15427

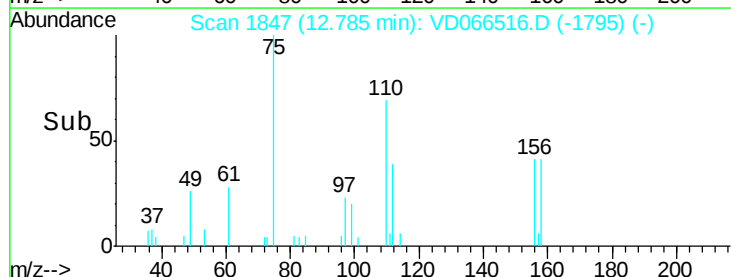
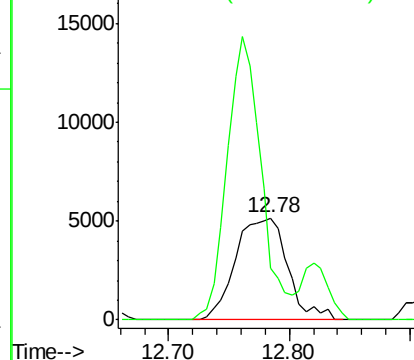
Ion Ratio Lower Upper

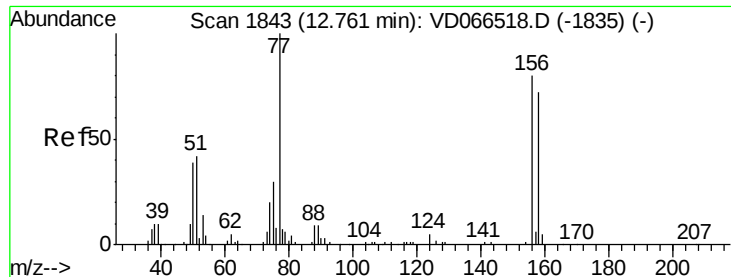
75 100

77 0.0 196.9 590.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 10.245 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

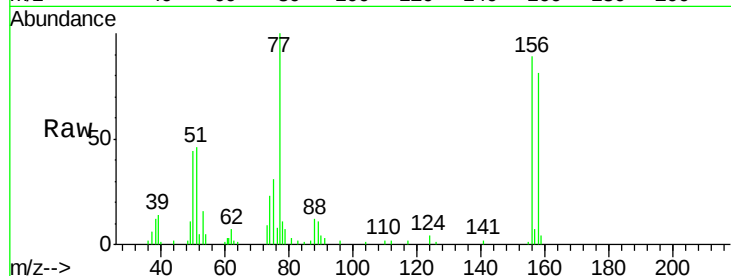
Tgt Ion:156 Resp: 20352

Ion Ratio Lower Upper

156 100

77 138.3 71.0 213.2

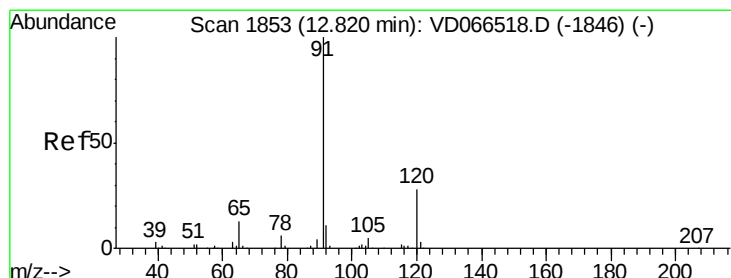
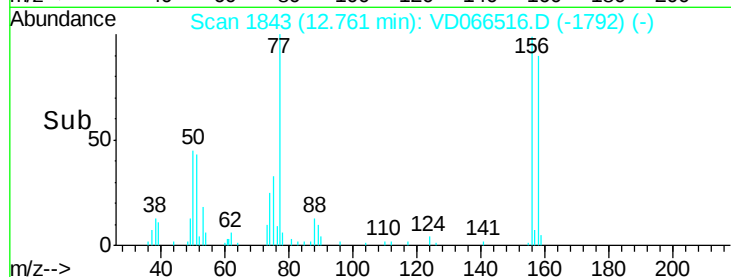
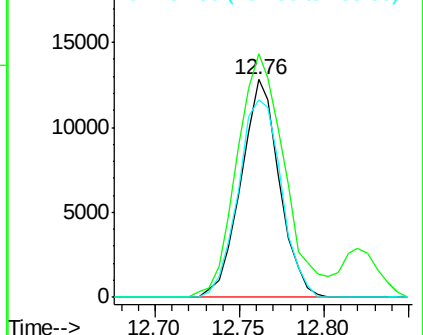
158 101.5 49.5 148.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 9.986 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066516.D

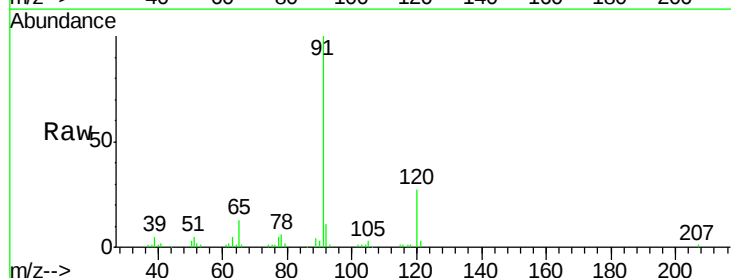
Acq: 02 Sep 2020 11:49

Tgt Ion: 91 Resp: 85186

Ion Ratio Lower Upper

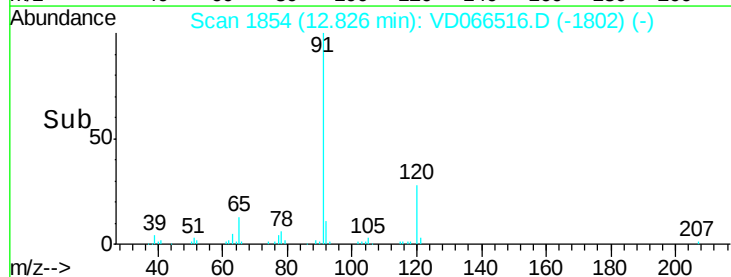
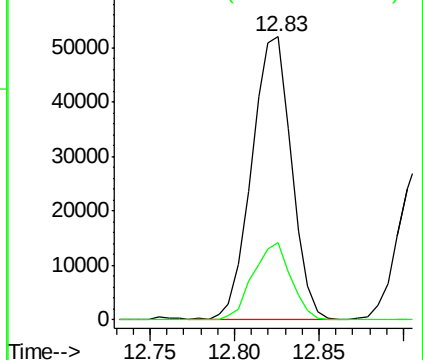
91 100

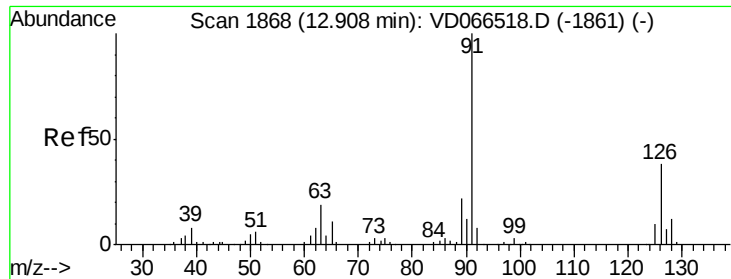
120 26.2 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.942 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

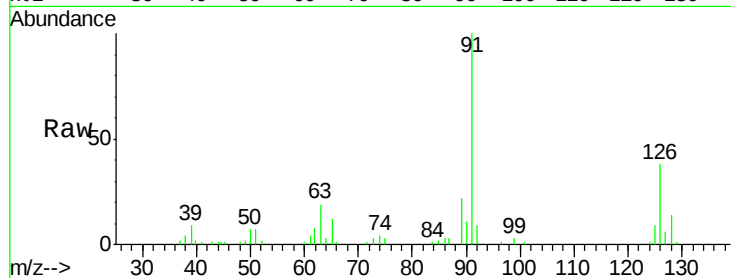
VSTDIC010

Tgt Ion: 91 Resp: 49072

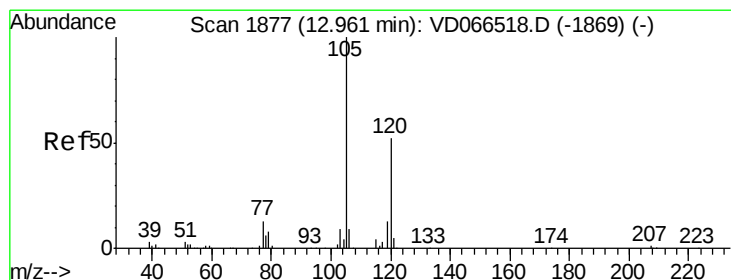
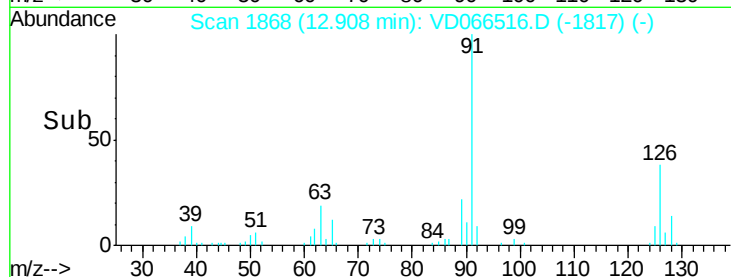
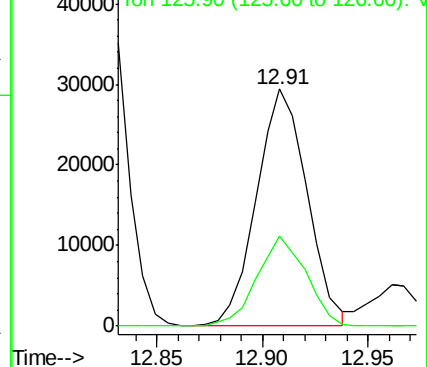
Ion Ratio Lower Upper

91 100

126 36.5 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VD066516.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.260 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066516.D

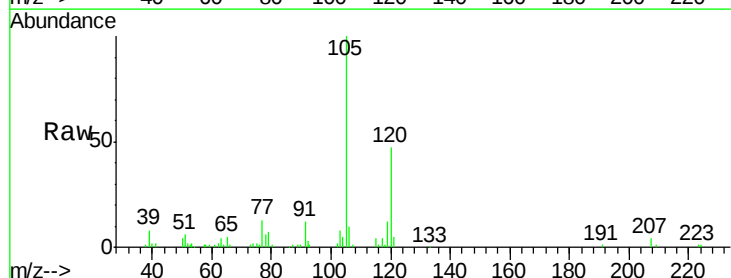
Acq: 02 Sep 2020 11:49

Tgt Ion: 105 Resp: 69830

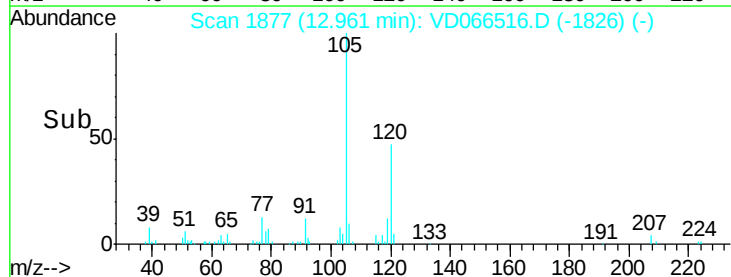
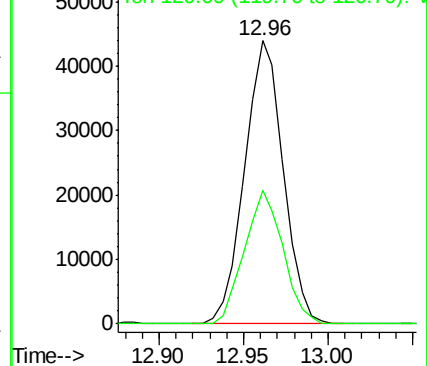
Ion Ratio Lower Upper

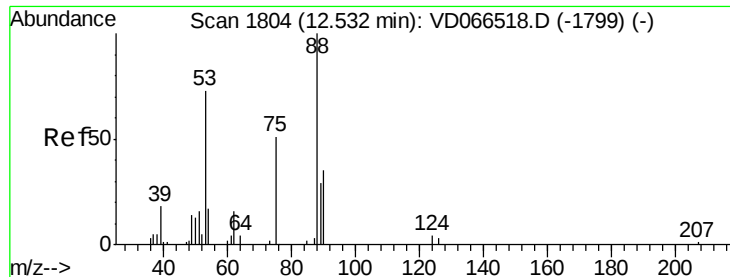
105 100

120 47.0 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VD066516.D (-1869) (-)

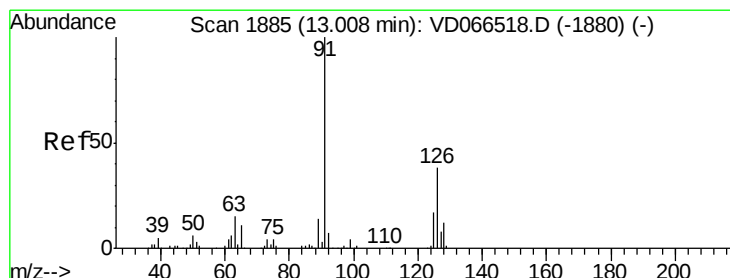
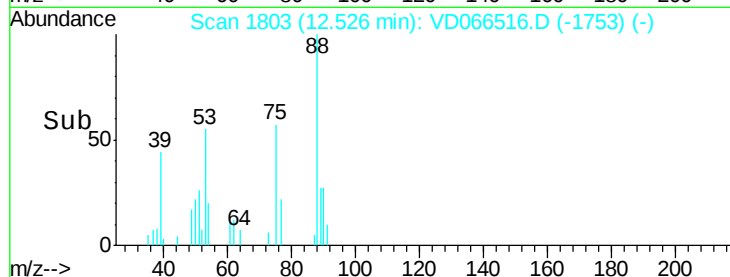
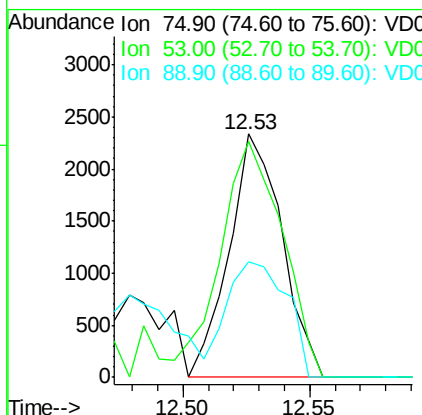
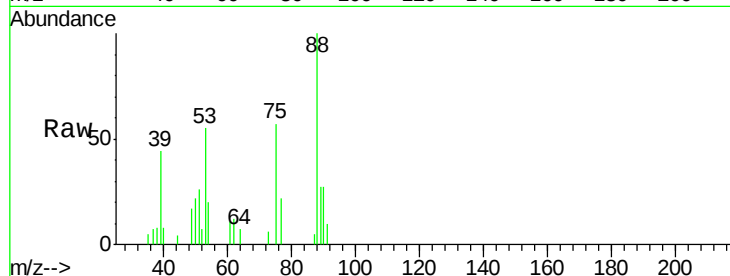




#81
trans-1,4-Dichloro-2-butene
Concen: 10.210 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

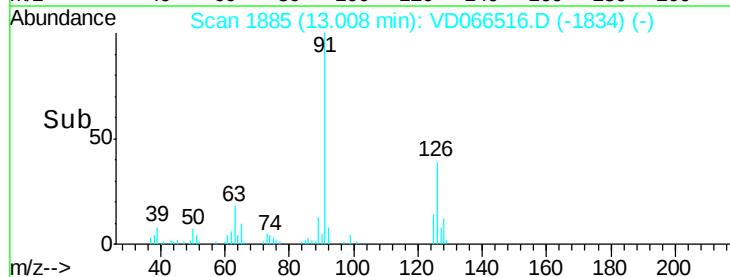
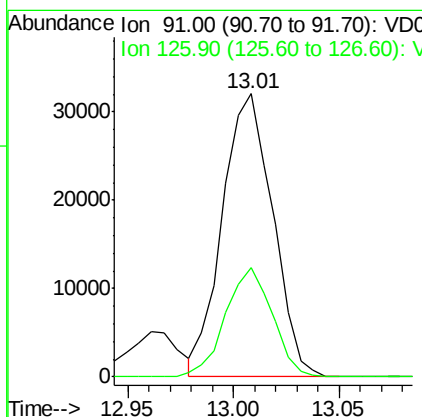
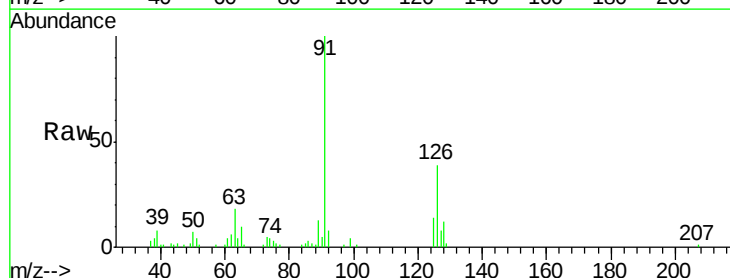
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

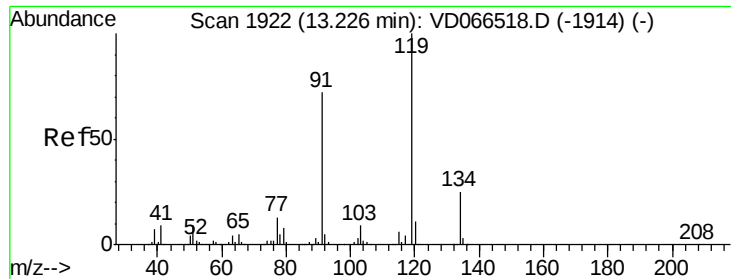
Tgt Ion: 75 Resp: 3379
Ion Ratio Lower Upper
75 100
53 113.9 101.8 152.8
89 53.9 46.0 69.0



#82
4-Chlorotoluene
Concen: 10.004 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 91 Resp: 53036
Ion Ratio Lower Upper
91 100
126 36.0 18.2 54.6

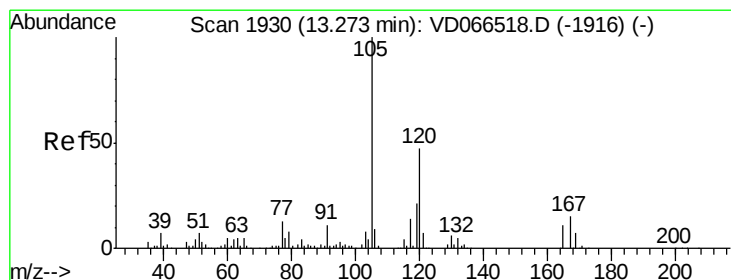
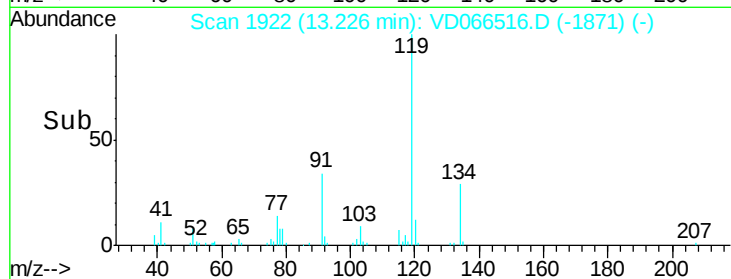
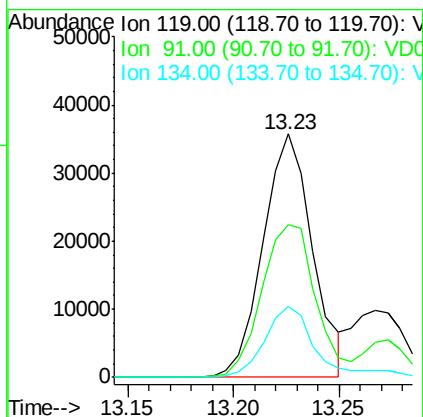
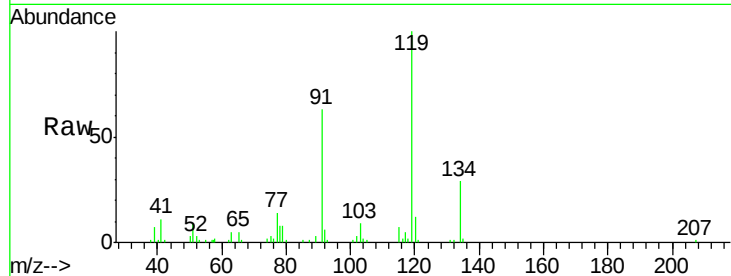




#83
 tert-Butylbenzene
 Concen: 9.739 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

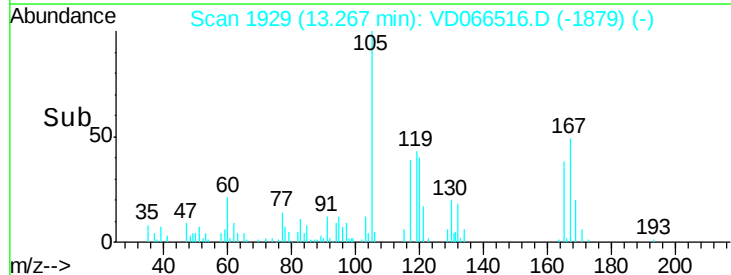
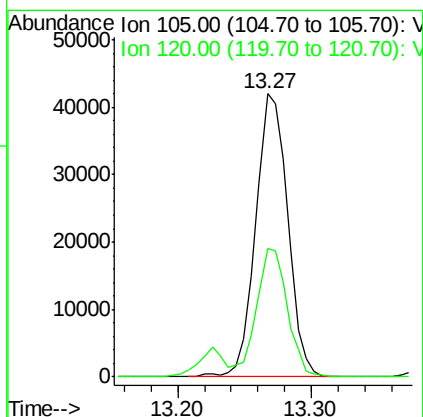
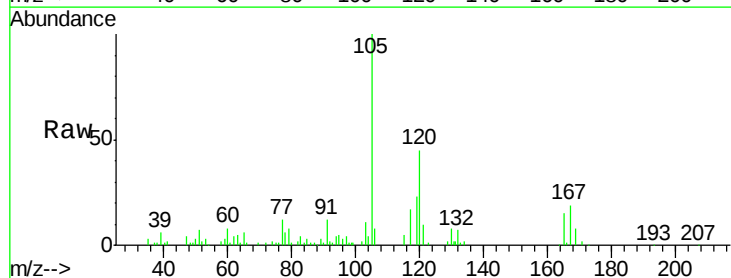
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

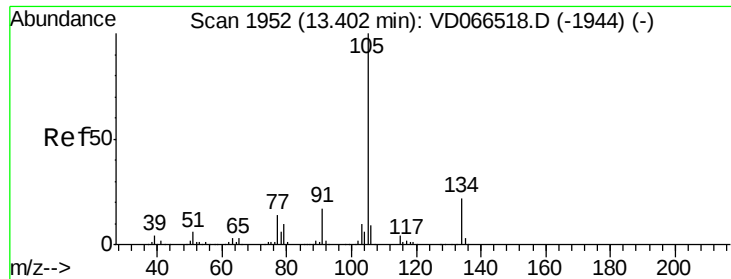
Tgt Ion:119 Resp: 58135
 Ion Ratio Lower Upper
 119 100
 91 68.7 34.4 103.2
 134 30.3 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 10.210 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion:105 Resp: 69499
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.7 65.1

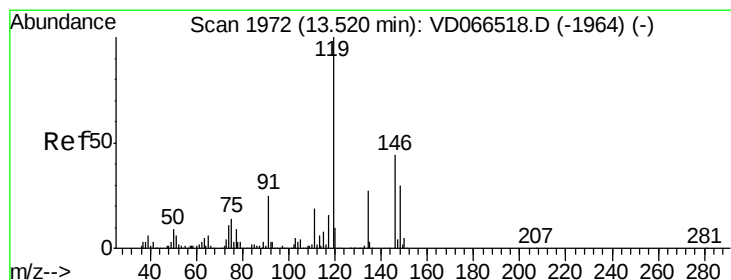
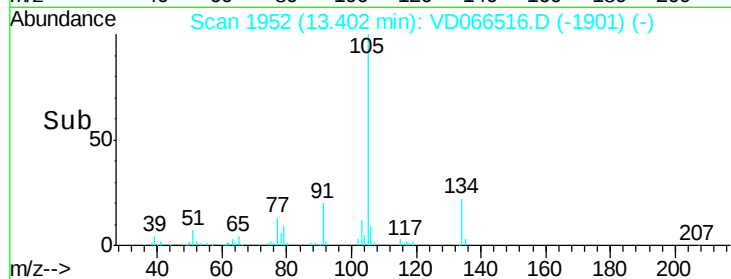
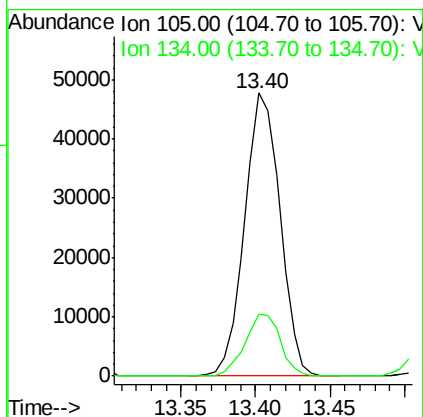
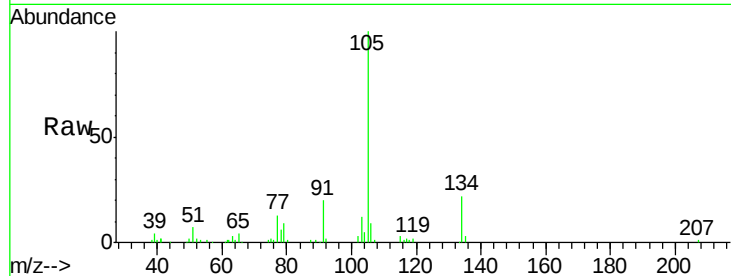




#85
 sec-Butylbenzene
 Concen: 10.374 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

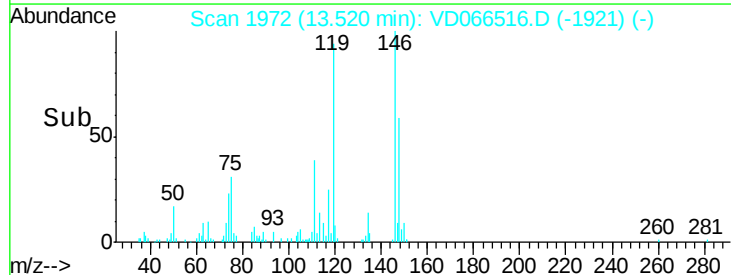
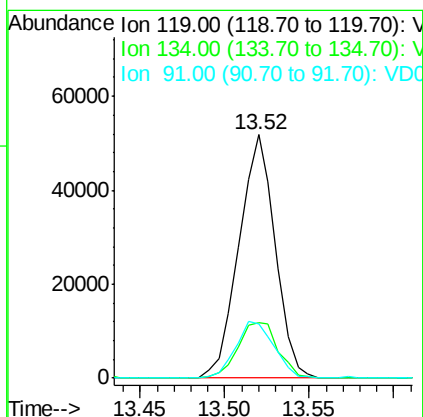
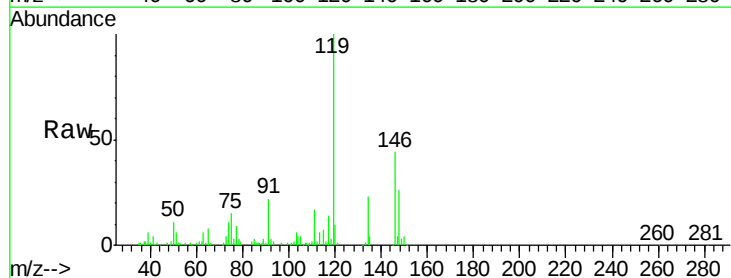
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

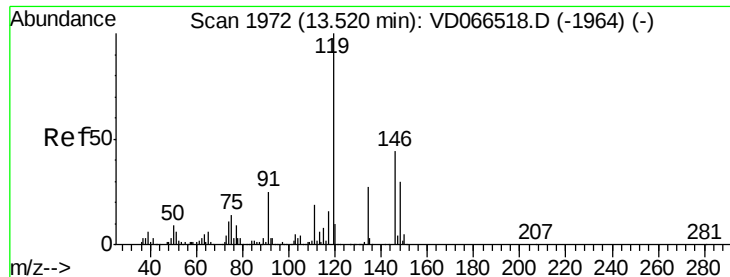
Tgt Ion:105 Resp: 78455
 Ion Ratio Lower Upper
 105 100
 134 21.7 11.5 34.4



#86
 p-Isopropyltoluene
 Concen: 10.213 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion:119 Resp: 77200
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.5 40.4
 91 24.9 13.0 39.0

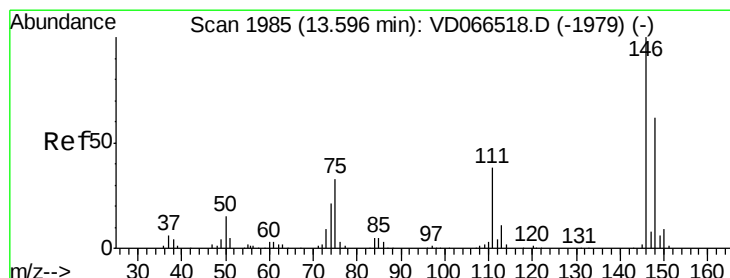
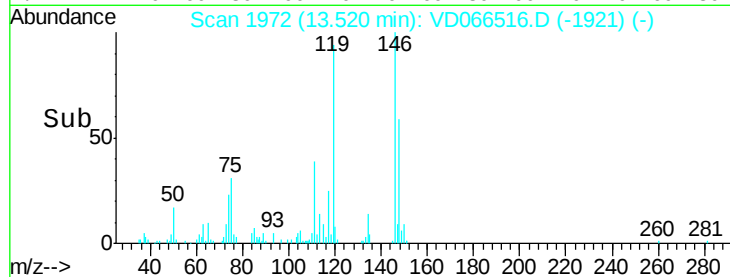
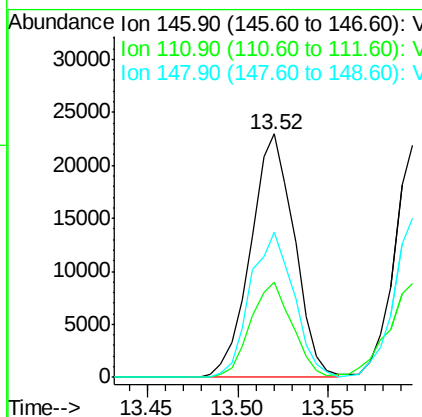
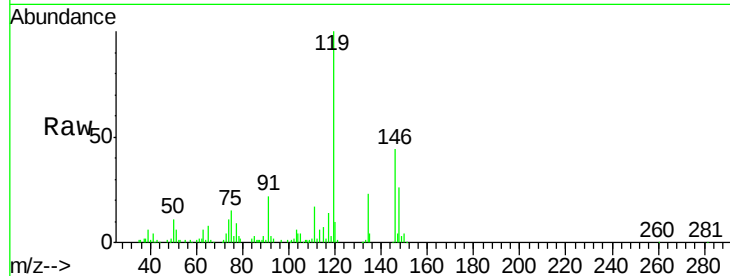




#87
 1,3-Dichlorobenzene
 Concen: 10.412 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

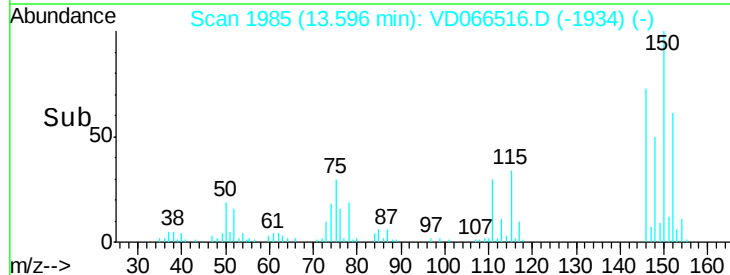
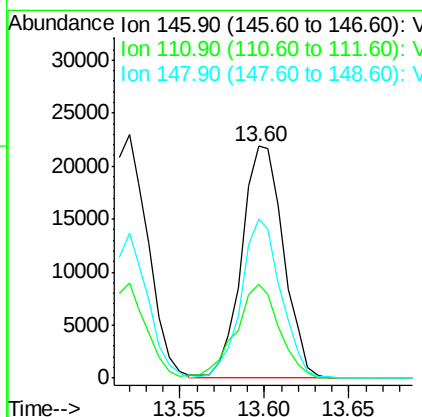
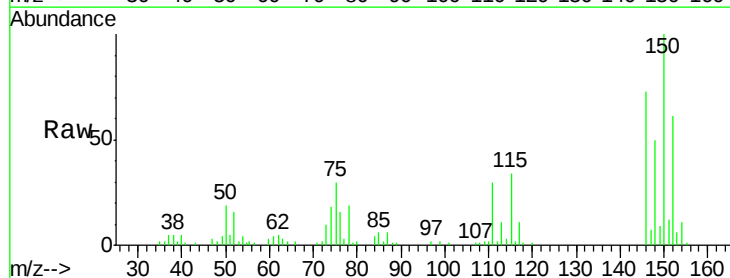
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

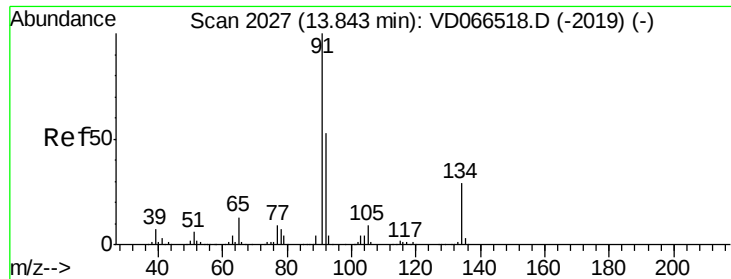
Tgt Ion:146 Resp: 38361
 Ion Ratio Lower Upper
 146 100
 111 37.3 20.3 61.0
 148 59.5 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 10.129 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion:146 Resp: 37753
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.4 55.4
 148 65.5 31.5 94.5

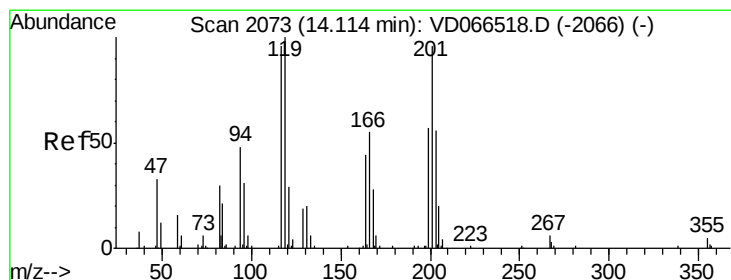
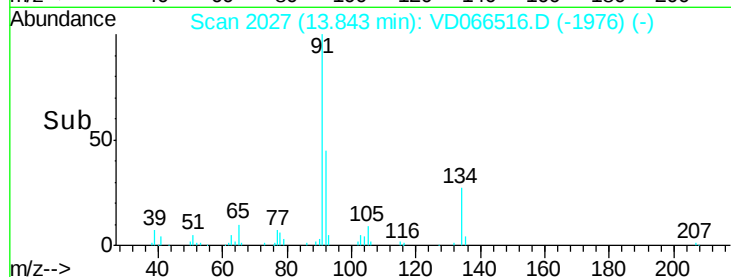
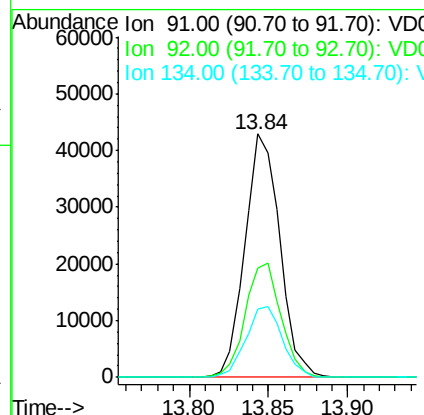
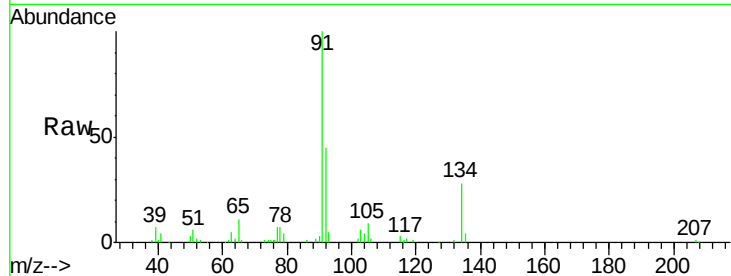




#89
n-Butylbenzene
Concen: 10.342 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

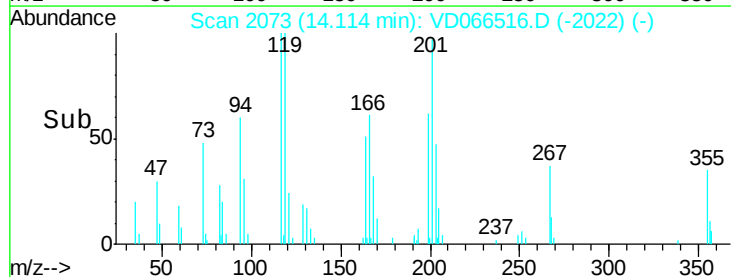
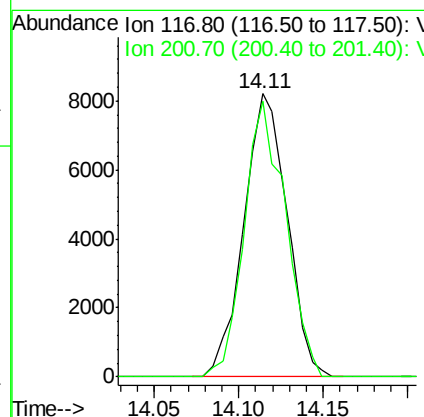
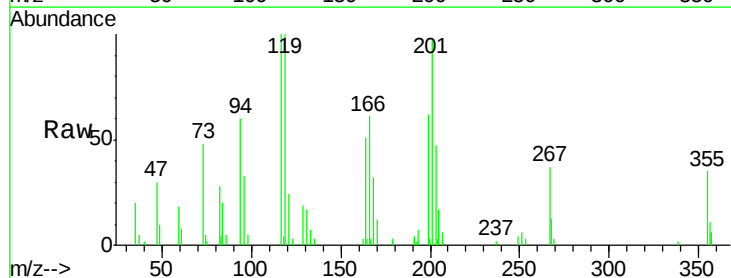
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

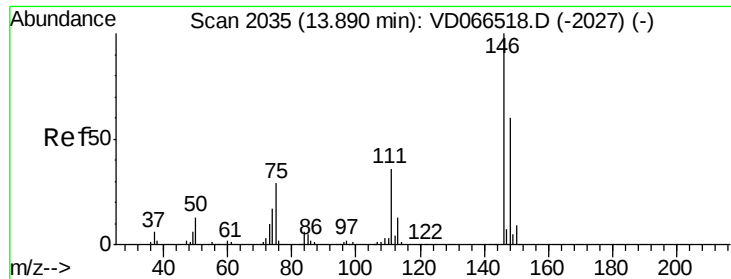
Tgt Ion: 91 Resp: 65479
Ion Ratio Lower Upper
91 100
92 47.9 26.9 80.7
134 30.5 15.0 45.1



#90
Hexachloroethane
Concen: 10.753 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 117 Resp: 14586
Ion Ratio Lower Upper
117 100
201 92.7 50.0 150.0

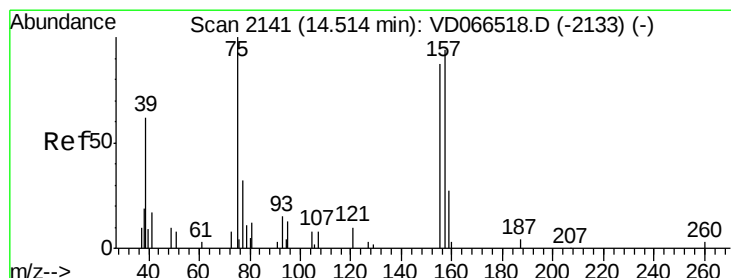
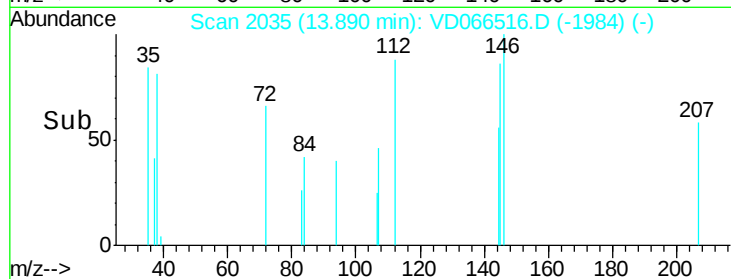
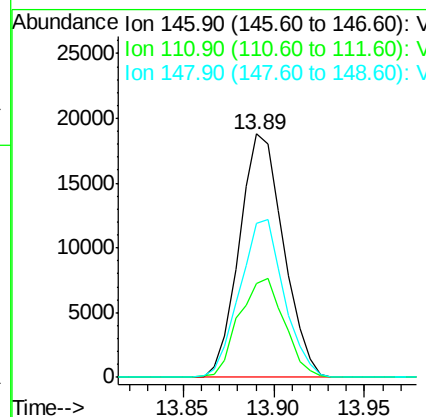
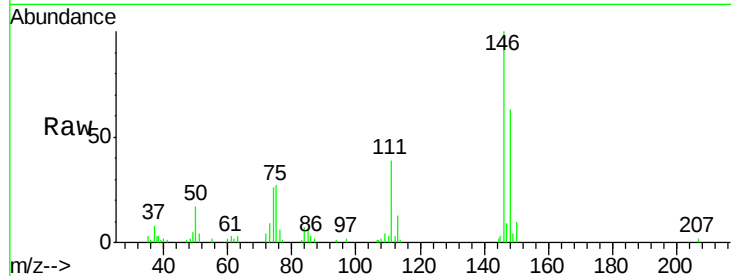




#91
 1,2-Dichlorobenzene
 Concen: 9.915 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

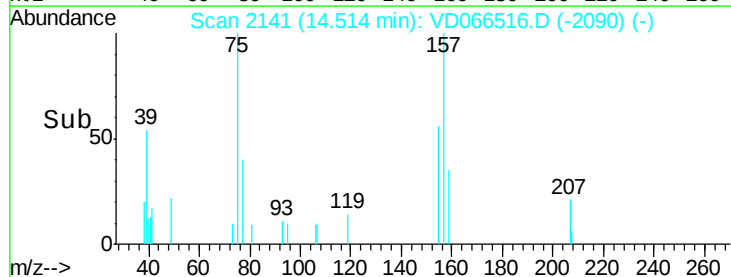
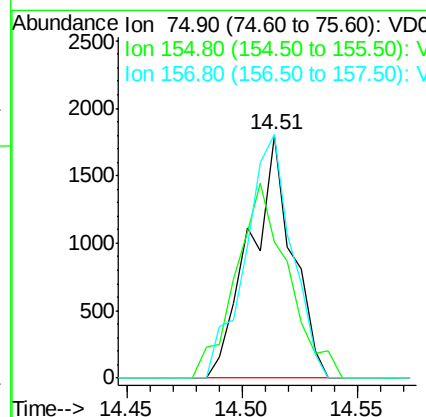
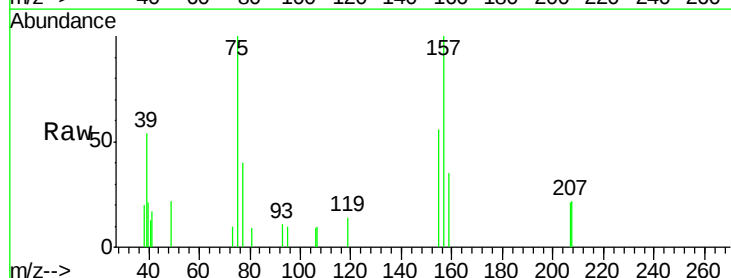
Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC010

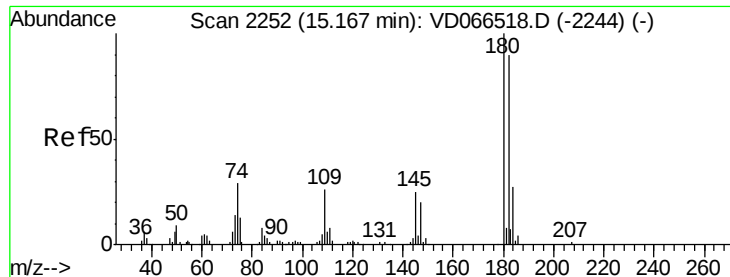
Tgt Ion: 146 Resp: 31773
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.1 60.2
 148 65.1 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.430 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion: 75 Resp: 2307
 Ion Ratio Lower Upper
 75 100
 155 98.0 40.8 122.5
 157 109.1 49.3 147.8

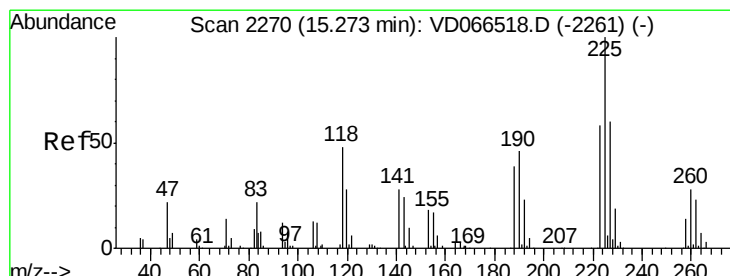
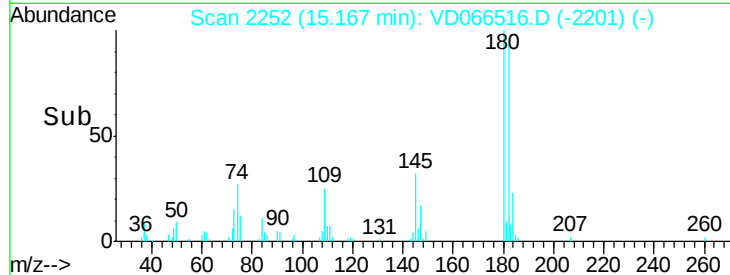
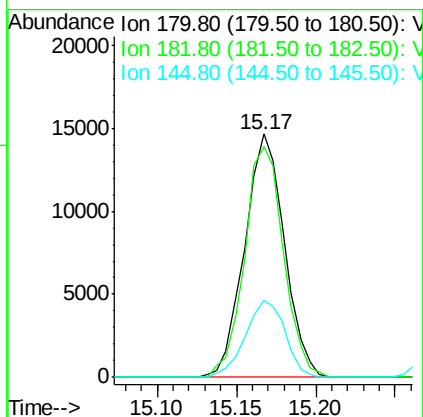
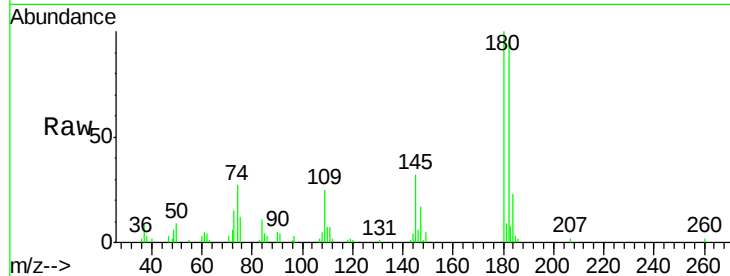




#93
 1,2,4-Trichlorobenzene
 Concen: 10.091 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

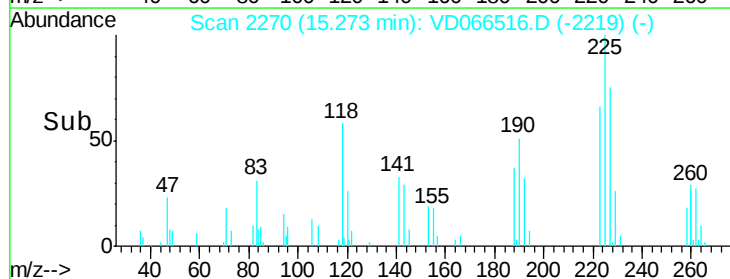
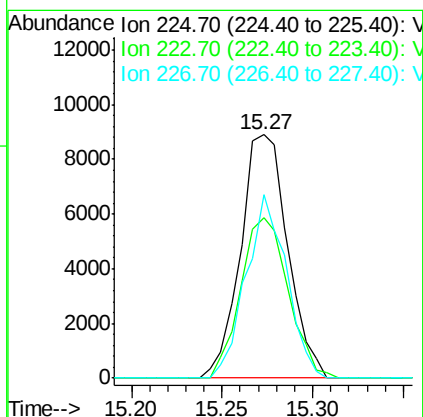
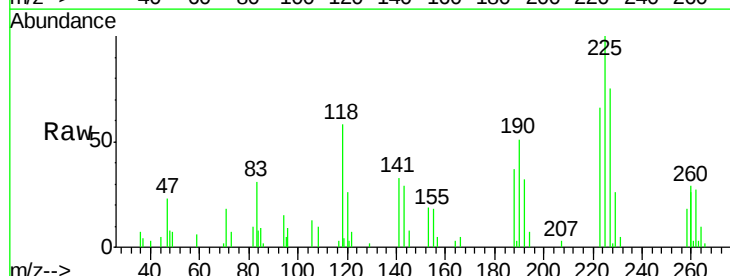
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

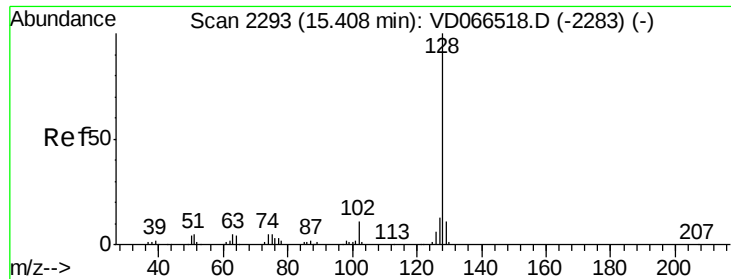
Tgt Ion:180 Resp: 25524
 Ion Ratio Lower Upper
 180 100
 182 93.0 46.9 140.6
 145 31.6 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 9.798 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion:225 Resp: 16066
 Ion Ratio Lower Upper
 225 100
 223 66.6 31.6 94.7
 227 64.7 31.4 94.3

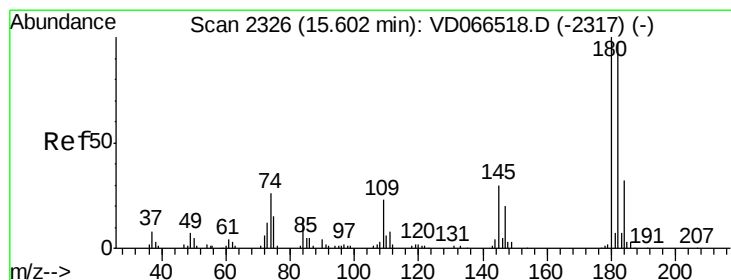
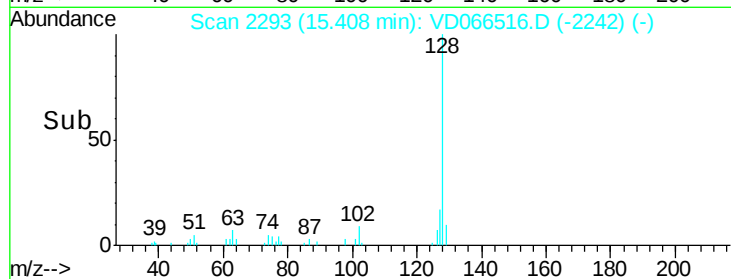
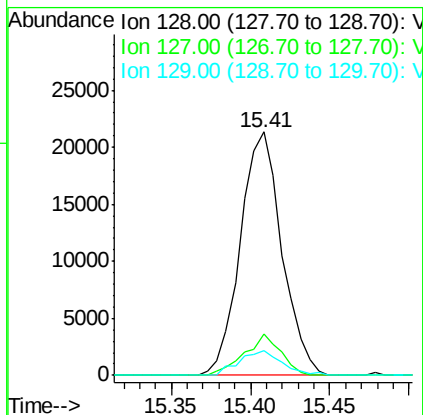
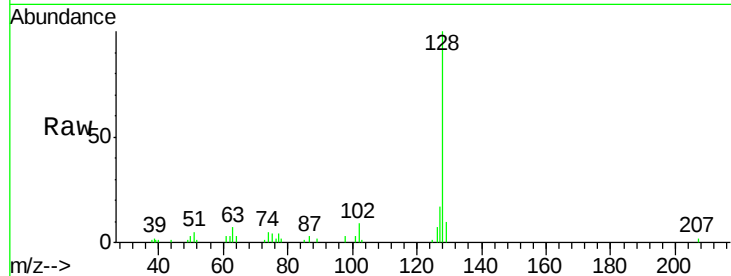




#95
Naphthalene
Concen: 9.872 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 38815
Ion Ratio Lower Upper
128 100
127 14.8 11.1 16.7
129 10.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 9.781 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion:180 Resp: 21378
Ion Ratio Lower Upper
180 100
182 92.8 47.5 142.5
145 33.2 16.2 48.6

