

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066667.D
 Acq On : 14 Sep 2020 12:26
 Operator : VA/SY
 Sample : VD0914SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 01:24:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	384124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	621890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	568950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	267500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	231303	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.91	113	218203	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.34	98	806557	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.63	95	270081	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	75973	21.722	ug/l	91
3) Chloromethane	2.21	50	95491	19.657	ug/l	93
4) Vinyl Chloride	2.35	62	92173	17.107	ug/l	96
5) Bromomethane	2.76	94	64741	15.904	ug/l	88
6) Chloroethane	2.92	64	57605	16.833	ug/l	94
7) Trichlorofluoromethane	3.27	101	159369	20.023	ug/l	91
8) Diethyl Ether	3.70	74	41265	20.588	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	88175	20.469	ug/l	98
10) Methyl Iodide	4.29	142	76818	22.001	ug/l	95
11) Tert butyl alcohol	5.19	59	18734	23.252	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	79410	20.519	ug/l	86
13) Acrolein	3.92	56	15077	79.340	ug/l	96
14) Allyl chloride	4.71	41	127194	20.054	ug/l	98
15) Acrylonitrile	5.43	53	87989	102.195	ug/l	98
16) Acetone	4.15	43	91722	107.261	ug/l	97
17) Carbon Disulfide	4.41	76	254089	19.971	ug/l	99
18) Methyl Acetate	4.71	43	41122	20.173	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	182700	20.131	ug/l	95
20) Methylene Chloride	4.96	84	109150	19.366	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	93167	20.273	ug/l	96
22) Diisopropyl ether	6.36	45	271320	20.802	ug/l	98
23) Vinyl Acetate	6.30	43	741448	99.894	ug/l	100
24) 1,1-Dichloroethane	6.26	63	164666	20.076	ug/l	98
25) 2-Butanone	7.21	43	113286	98.688	ug/l #	85
26) 2,2-Dichloropropane	7.21	77	153104	20.350	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	101151	20.467	ug/l	99
28) Bromochloromethane	7.54	49	57750	18.288	ug/l	94
29) Tetrahydrofuran	7.57	42	71200	99.592	ug/l	98
30) Chloroform	7.71	83	178954	20.623	ug/l	95
31) Cyclohexane	7.98	56	154473	20.374	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	163007	19.980	ug/l	97
36) 1,1-Dichloropropene	8.11	75	135293	20.904	ug/l	100
37) Ethyl Acetate	7.28	43	45586	17.689	ug/l #	93
38) Carbon Tetrachloride	8.09	117	149644	21.875	ug/l	99

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 01:24:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	151203	20.922	ug/l	97
40) Benzene	8.35	78	364983	20.591	ug/l	97
41) Methacrylonitrile	7.56	41	71034	56.942	ug/l #	19
42) 1,2-Dichloroethane	8.42	62	116077	20.212	ug/l	100
43) Isopropyl Acetate	8.44	43	95787	19.395	ug/l	96
44) Trichloroethene	9.11	130	97483	20.966	ug/l	96
45) 1,2-Dichloropropane	9.38	63	94363	21.169	ug/l	93
46) Dibromomethane	9.47	93	51537	20.956	ug/l	96
47) Bromodichloromethane	9.66	83	137911	20.727	ug/l #	98
48) Methyl methacrylate	9.45	41	45958	18.403	ug/l	91
49) 1,4-Dioxane	9.47	88	10760	398.807	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	252727	101.466	ug/l	98
52) Toluene	10.40	92	242599	21.621	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	119954	20.422	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	146120	20.716	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	67473	21.338	ug/l	97
56) Ethyl methacrylate	10.66	69	74397	20.207	ug/l	97
57) 1,3-Dichloropropane	10.94	76	114419	20.659	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	202104	120.015	ug/l	97
59) 2-Hexanone	10.98	43	169786	101.366	ug/l	100
60) Dibromochloromethane	11.14	129	87323	20.884	ug/l	98
61) 1,2-Dibromoethane	11.25	107	64037	20.816	ug/l	97
64) Tetrachloroethene	10.87	164	82320	21.489	ug/l	88
65) Chlorobenzene	11.67	112	245271	20.887	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	92462	20.631	ug/l	99
67) Ethyl Benzene	11.74	91	444069	20.595	ug/l	98
68) m/p-Xylenes	11.86	106	341409	42.644	ug/l	98
69) o-Xylene	12.18	106	152536	21.260	ug/l	99
70) Styrene	12.20	104	270058	21.650	ug/l	100
71) Bromoform	12.36	173	45268	20.043	ug/l #	97
73) Isopropylbenzene	12.48	105	412733	20.839	ug/l	99
74) N-amyl acetate	12.29	43	87824	19.579	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	73392	20.975	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	96599	37.549	ug/l #	100
77) Bromobenzene	12.76	156	96475	21.849	ug/l	95
78) n-propylbenzene	12.82	91	513177	21.374	ug/l	100
79) 2-Chlorotoluene	12.91	91	286650	21.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	363478	21.805	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	22858	20.743	ug/l	98
82) 4-Chlorotoluene	13.01	91	307891	21.376	ug/l	98
83) tert-Butylbenzene	13.23	119	284998	20.936	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	358929	21.627	ug/l	99
85) sec-Butylbenzene	13.40	105	415345	21.178	ug/l	100
86) p-Isopropyltoluene	13.52	119	379780	21.515	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	184981	21.102	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	185089	21.037	ug/l	97
89) n-Butylbenzene	13.84	91	361947	21.041	ug/l	98
90) Hexachloroethane	14.11	117	79700	20.954	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	161102	21.026	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11173	18.798	ug/l	89

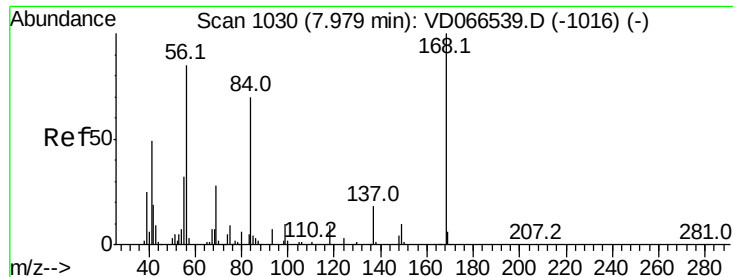
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091420\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	100732	21.906	ug/l	98
94) Hexachlorobutadiene	15.27	225	56585	20.483	ug/l	98
95) Naphthalene	15.41	128	167148	20.802	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	85569	21.827	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

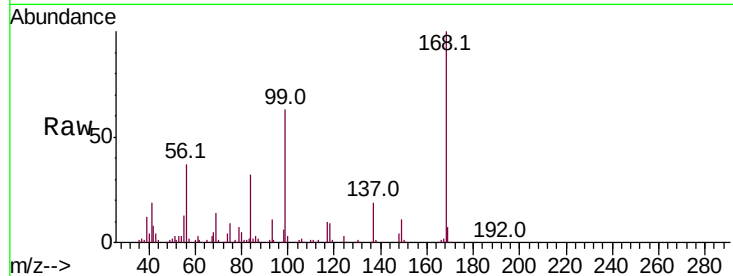
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 384124

Ion Ratio Lower Upper

168 100

99 62.7 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

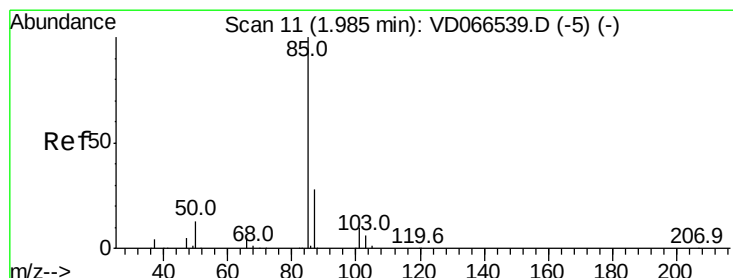
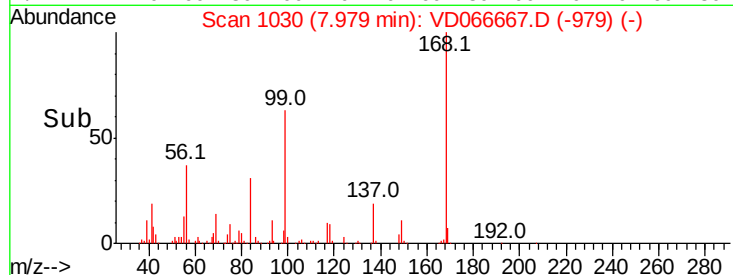
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.722 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066667.D

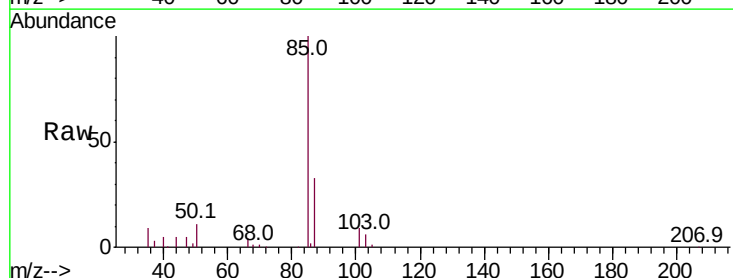
Acq: 14 Sep 2020 12:26

Tgt Ion: 85 Resp: 75973

Ion Ratio Lower Upper

85 100

87 33.2 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

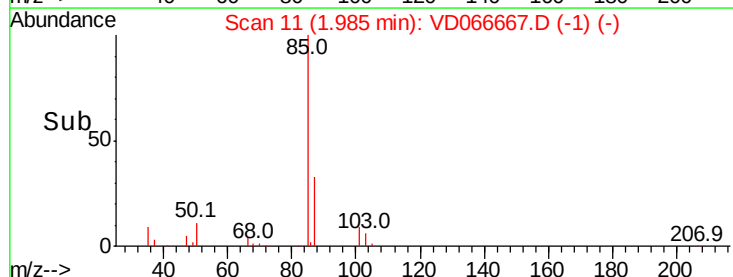
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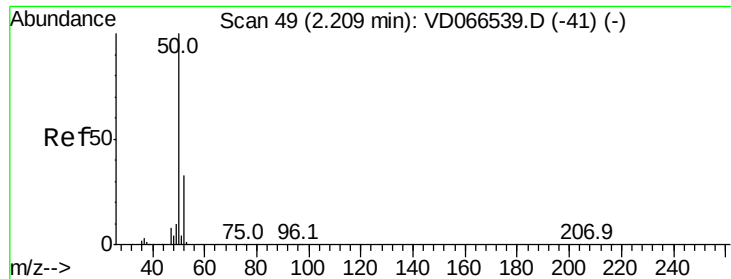
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.657 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

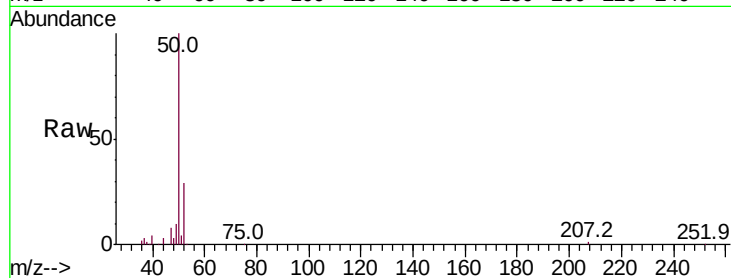
ClientSampleId :

Tot Ion: 50 Resp: 95491

Ion Ratio Lower Upper

50 100

52 28.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

80000

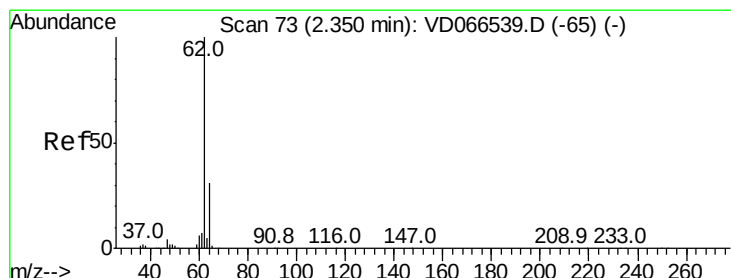
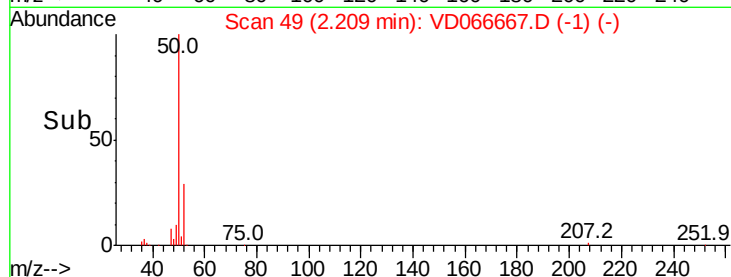
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 17.107 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066667.D

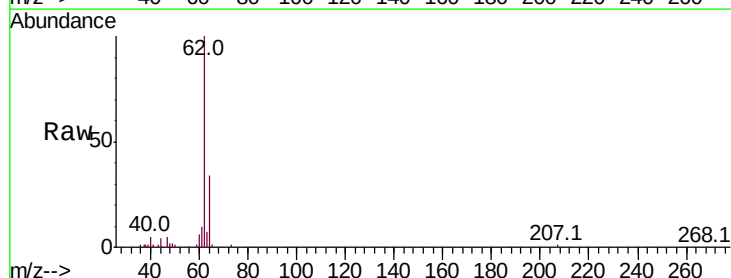
Acq: 14 Sep 2020 12:26

Tgt Ion: 62 Resp: 92173

Ion Ratio Lower Upper

62 100

64 33.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

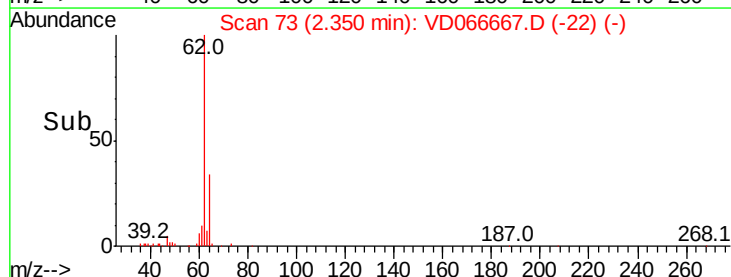
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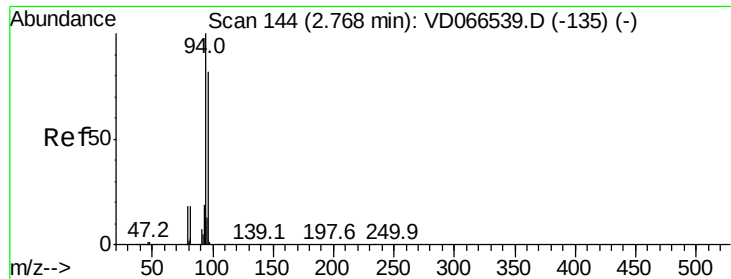
40000

20000

0

Time-->





#5

Bromomethane

Concen: 15.904 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

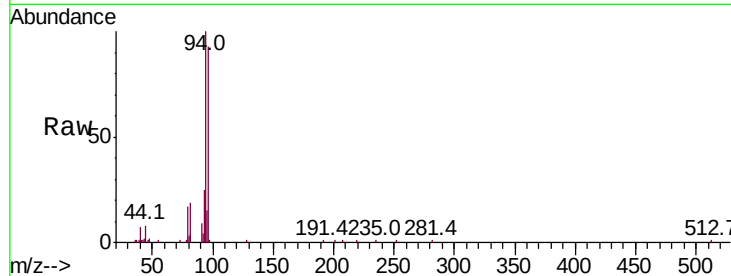
ClientSampleId :

Tot Ion: 94 Resp: 64741

Ion Ratio Lower Upper

94 100

96 92.6 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

30000

25000

20000

15000

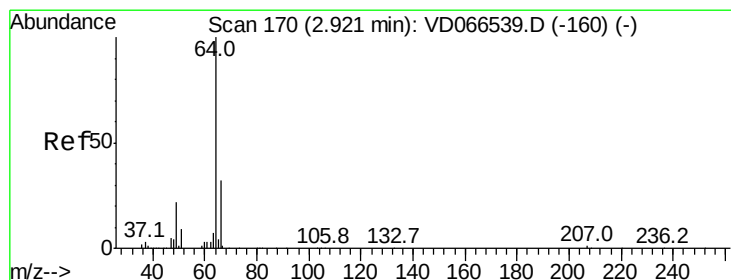
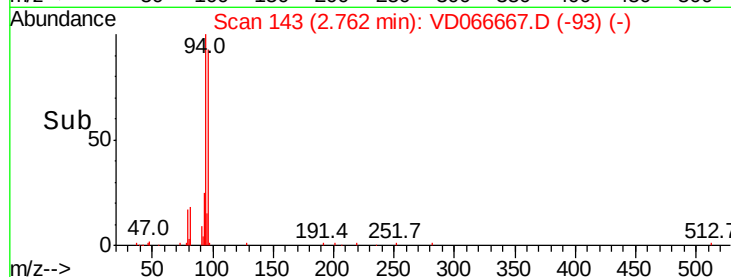
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 16.833 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066667.D

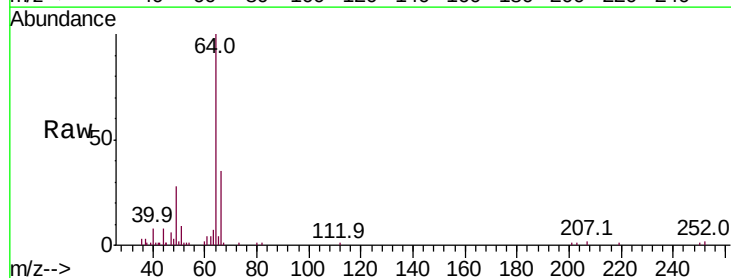
Acq: 14 Sep 2020 12:26

Tgt Ion: 64 Resp: 57605

Ion Ratio Lower Upper

64 100

66 35.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

30000

25000

20000

15000

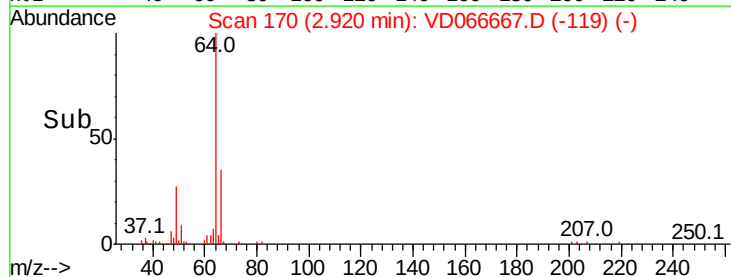
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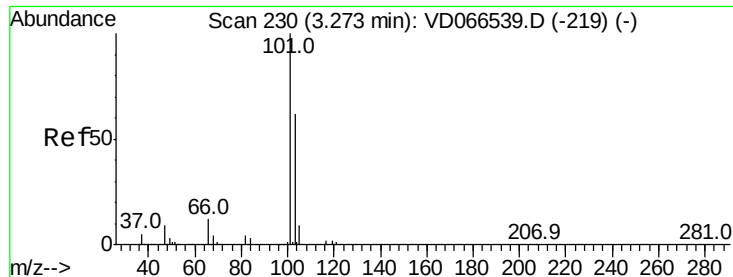
5000

0

Time-->

2.85 2.90 2.95 3.00



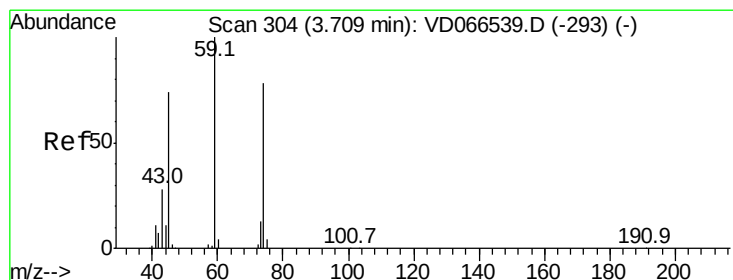
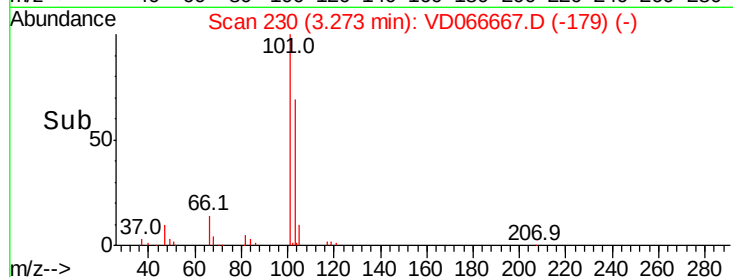
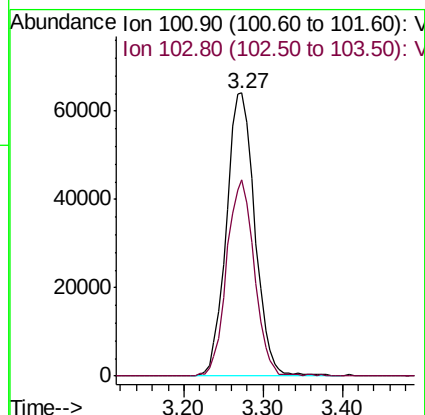
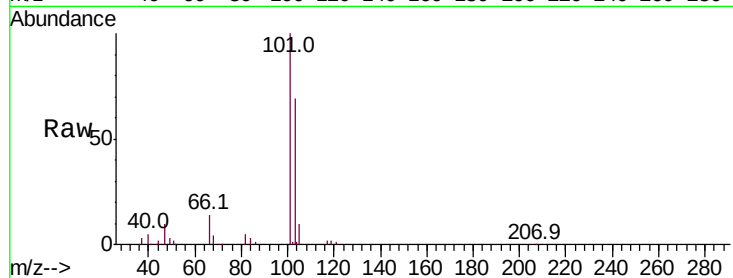


#7

Trichlorofluoromethane
Concen: 20.023 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :

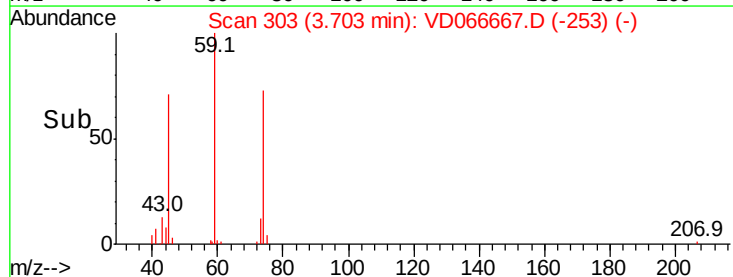
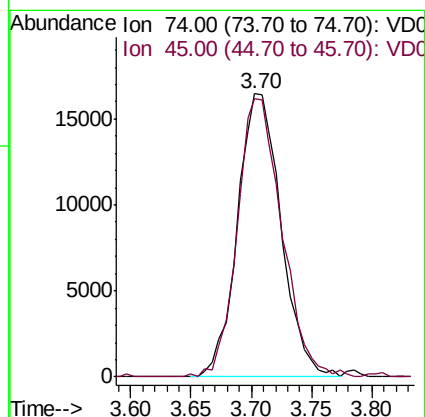
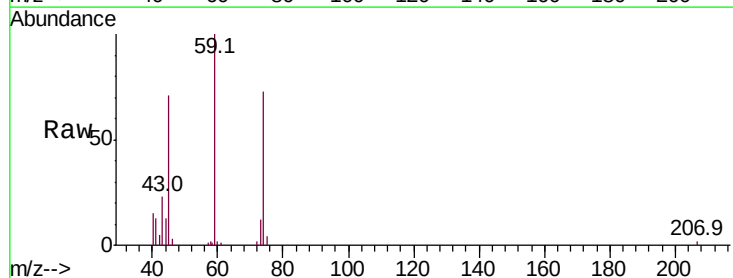
Tot Ion:101 Resp: 159369
Ion Ratio Lower Upper
101 100
103 69.2 49.7 74.5

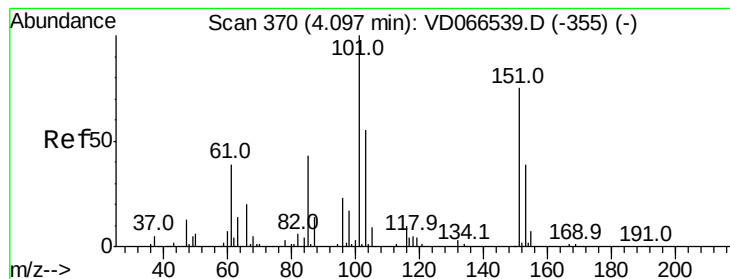


#8

Diethyl Ether
Concen: 20.588 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion: 74 Resp: 41265
Ion Ratio Lower Upper
74 100
45 100.6 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.469 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampled :

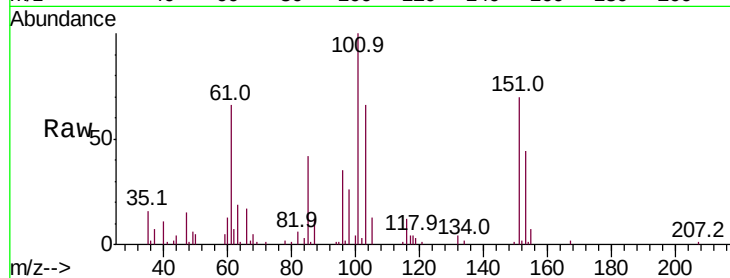
Tot Ion:101 Resp: 88175

Ion Ratio Lower Upper

101 100

85 46.8 37.0 55.6

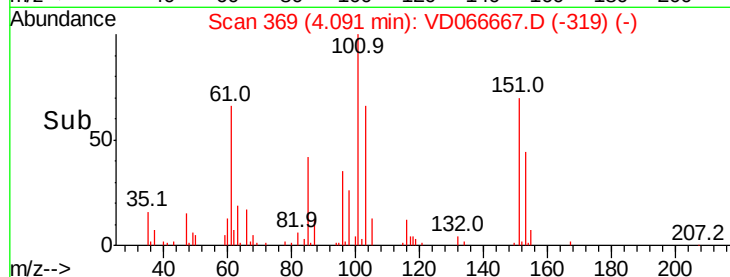
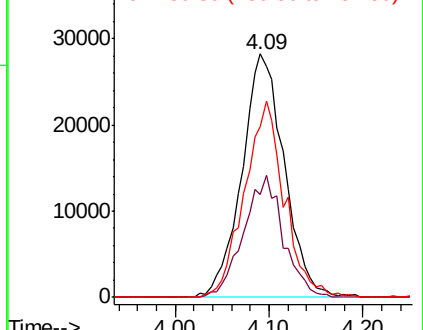
151 76.0 59.4 89.2



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: 22.001 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

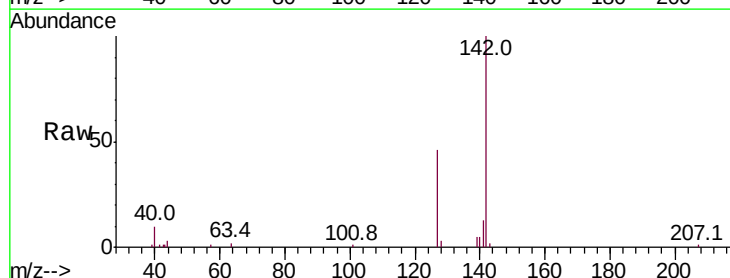
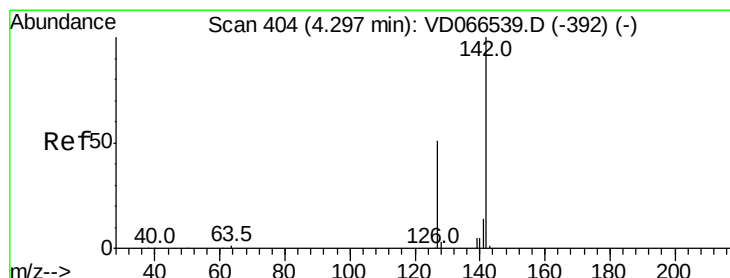
Tgt Ion:142 Resp: 76818

Ion Ratio Lower Upper

142 100

127 47.1 40.6 61.0

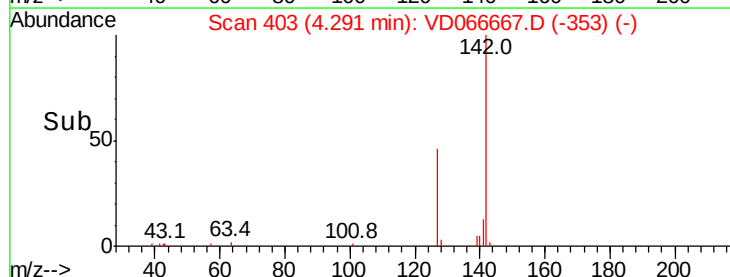
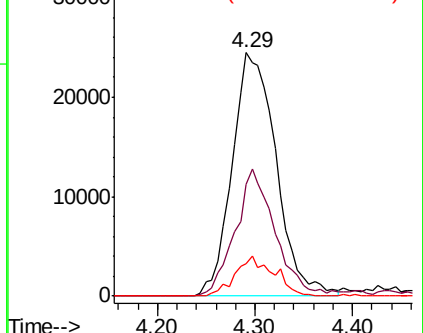
141 14.4 12.2 18.4

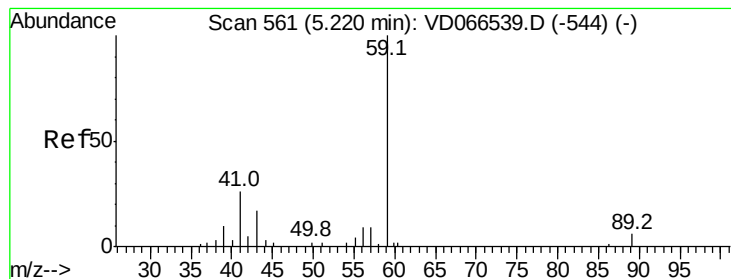


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



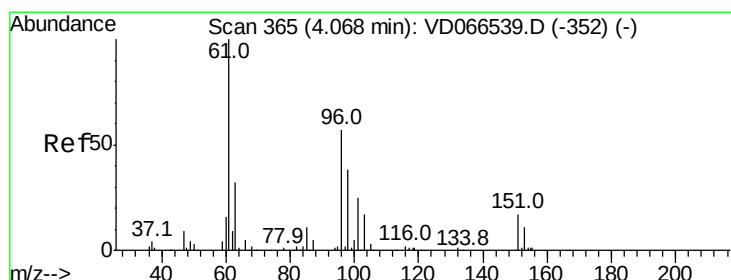
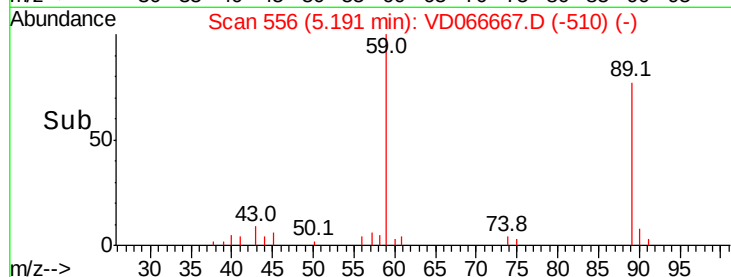
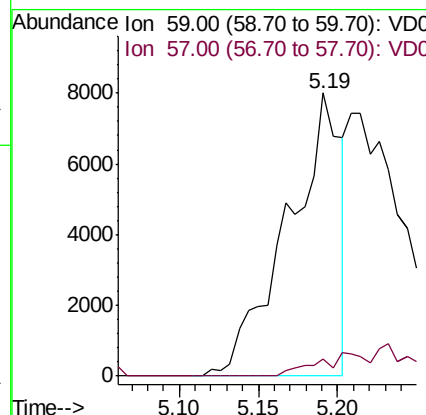
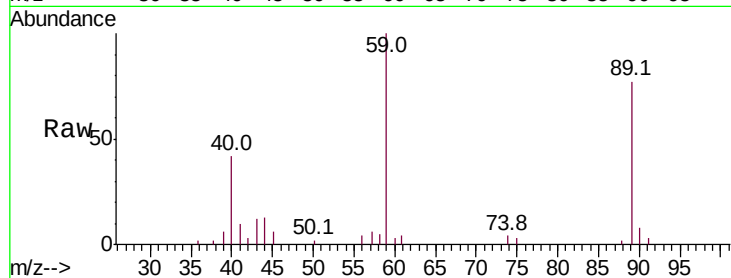


#11

Tert butyl alcohol
 Concen: 23.252 ug/l
 RT: 5.19 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampled :

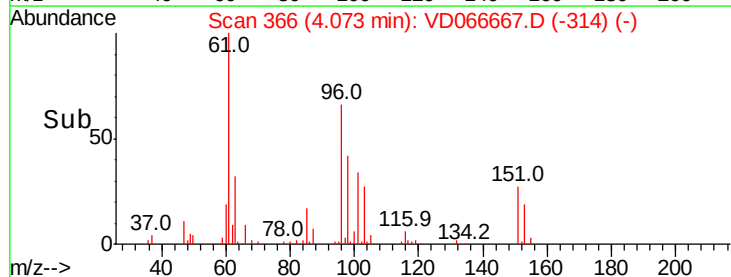
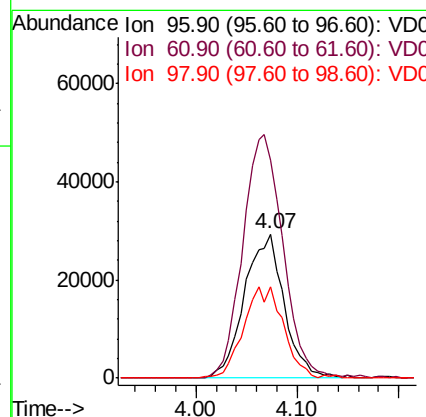
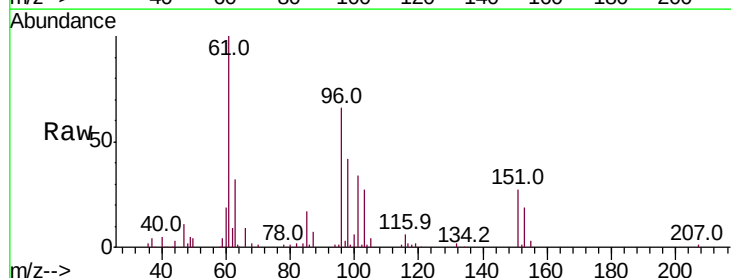
Tot Ion: 59 Resp: 18734
 Ion Ratio Lower Upper
 59 100
 57 7.4 7.6 11.4#

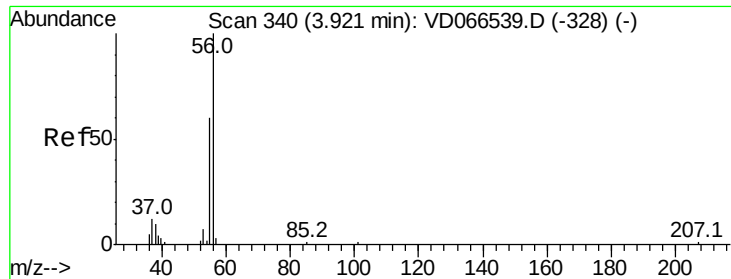


#12

1,1-Dichloroethene
 Concen: 20.519 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion: 96 Resp: 79410
 Ion Ratio Lower Upper
 96 100
 61 151.7 140.9 211.3
 98 63.4 53.2 79.8





#13

Acrolein

Concen: 79.340 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

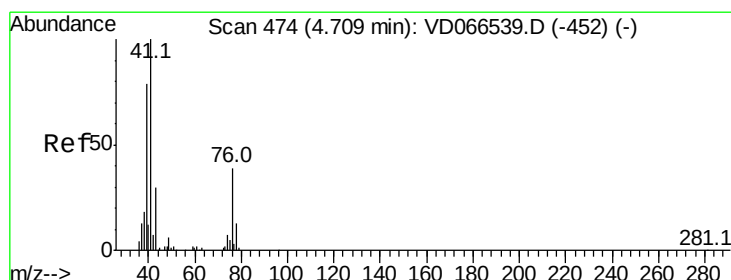
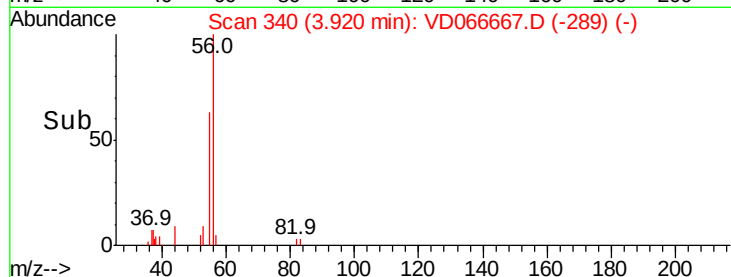
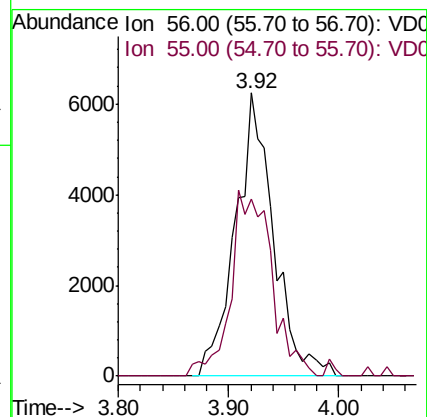
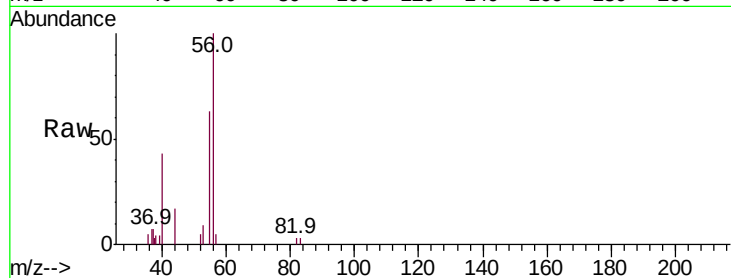
ClientSampleId :

Tot Ion: 56 Resp: 15077

Ion Ratio Lower Upper

56 100

55 70.3 53.6 80.4



#14

Allyl chloride

Concen: 20.054 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

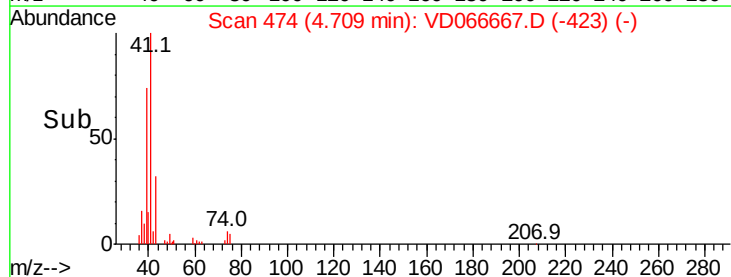
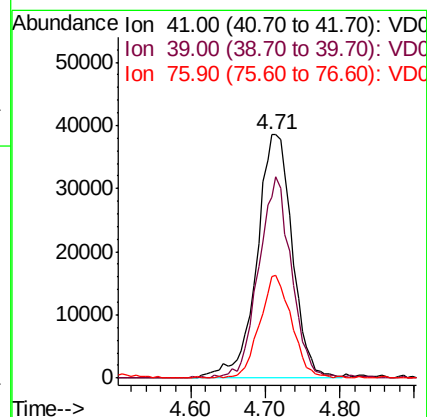
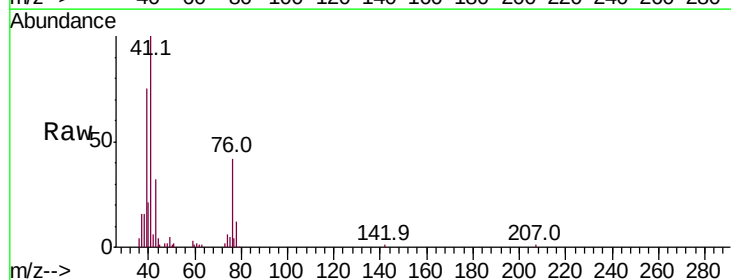
Tgt Ion: 41 Resp: 127194

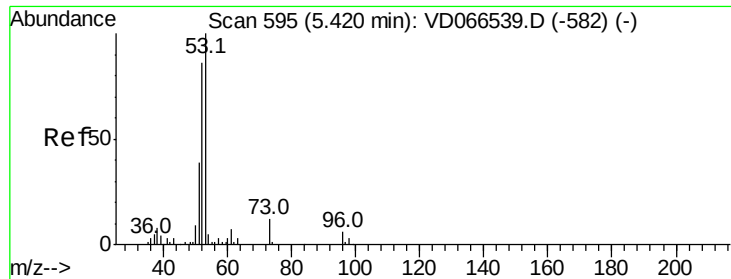
Ion Ratio Lower Upper

41 100

39 76.2 61.9 92.9

76 38.0 29.0 43.6





#15

Acrylonitrile

Concen: 102.195 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

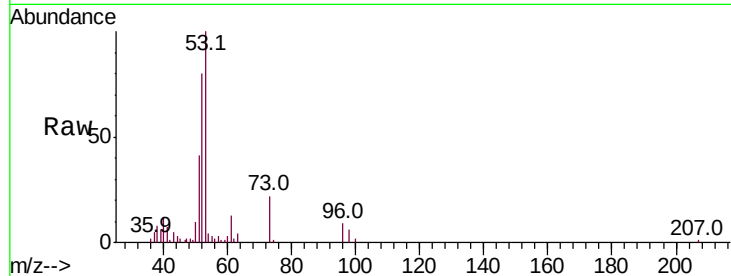
Tot Ion: 53 Resp: 87989

Ion Ratio Lower Upper

53 100

52 80.0 65.4 98.2

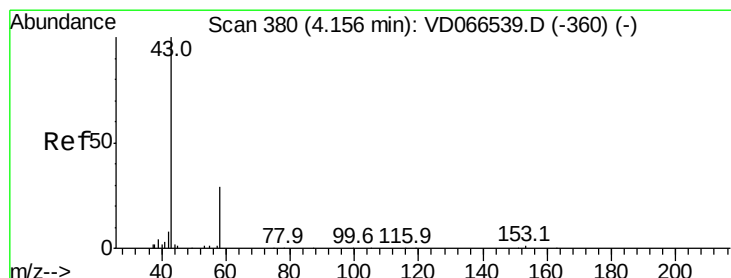
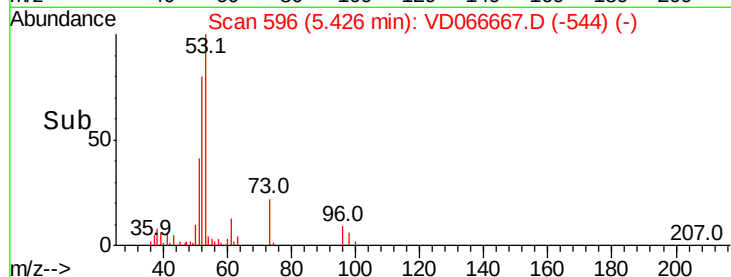
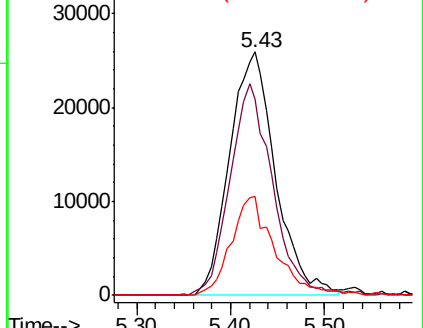
51 38.2 31.2 46.8



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: 107.261 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066667.D

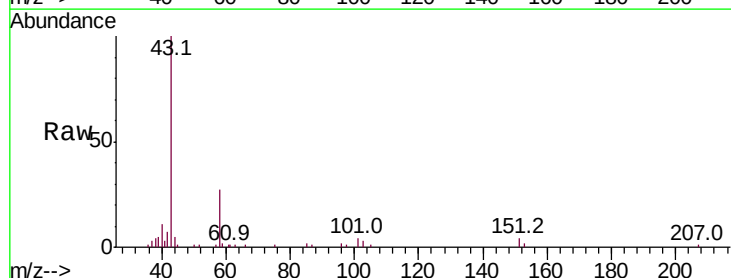
Acq: 14 Sep 2020 12:26

Tgt Ion: 43 Resp: 91722

Ion Ratio Lower Upper

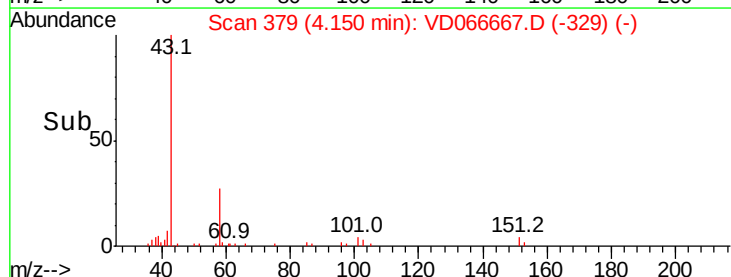
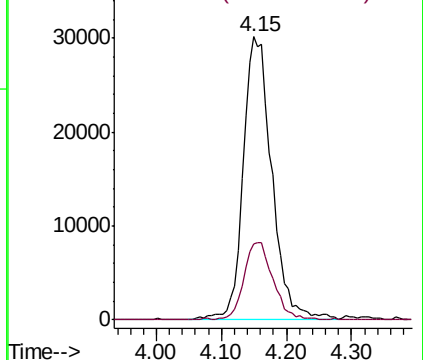
43 100

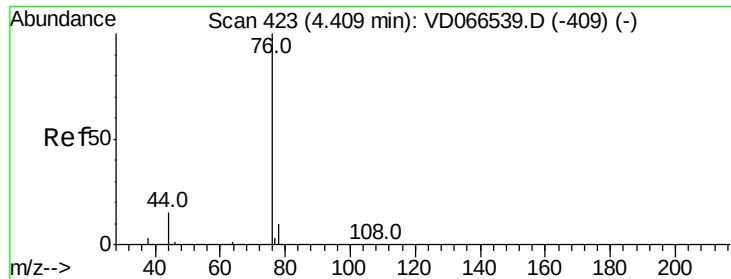
58 26.8 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

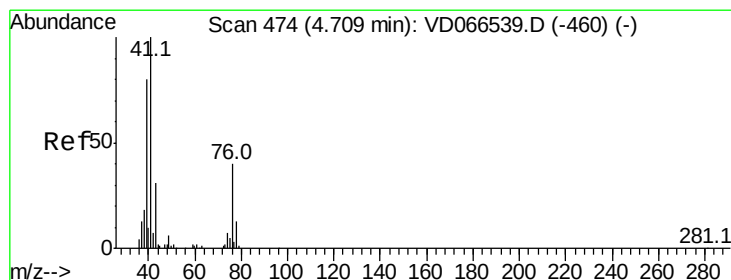
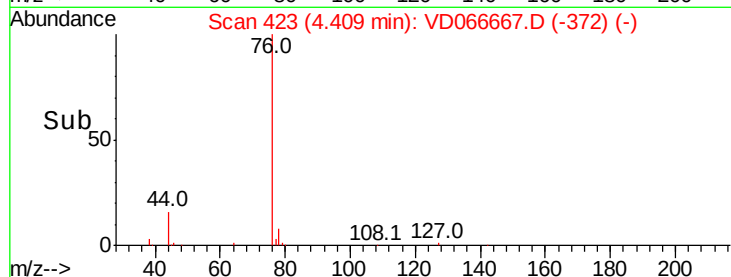
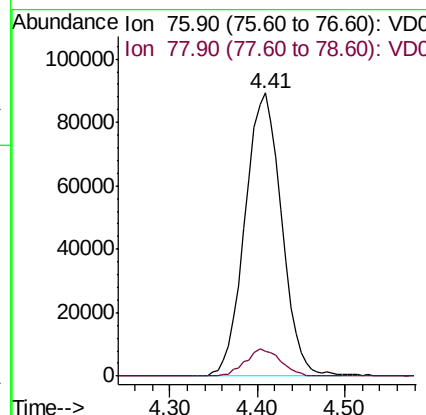
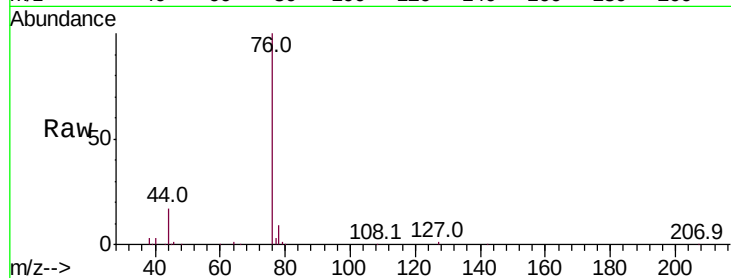




#17
Carbon Disulfide
Concen: 19.971 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

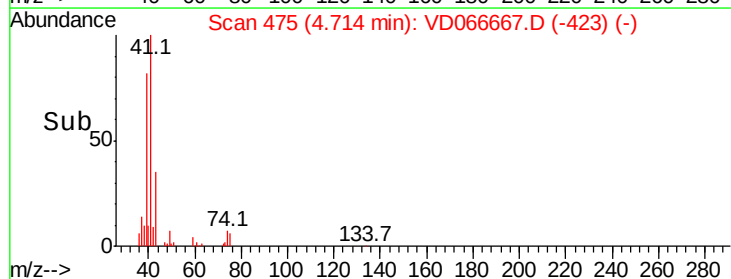
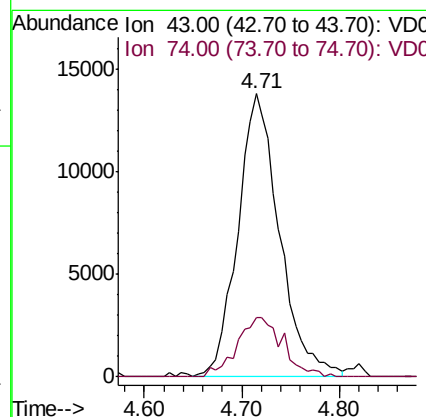
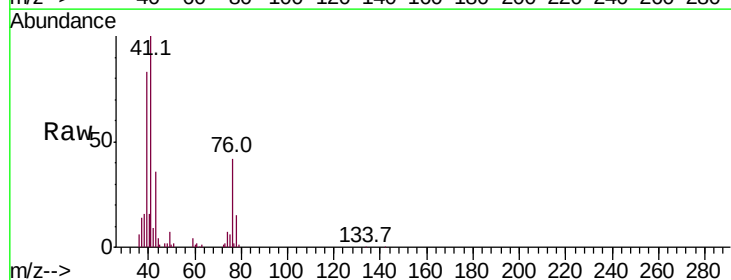
Instrument :
MSVOA_D
ClientSampleId :

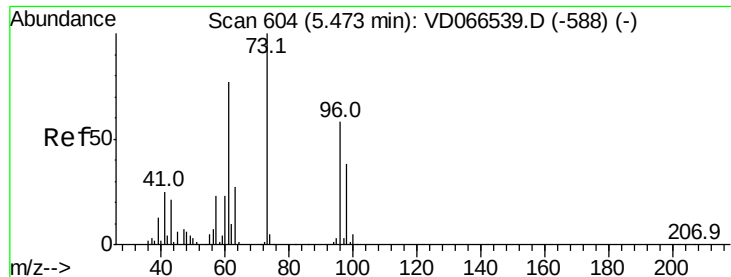
Tot Ion: 76 Resp: 254089
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 20.173 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion: 43 Resp: 41122
Ion Ratio Lower Upper
43 100
74 23.2 18.0 27.0

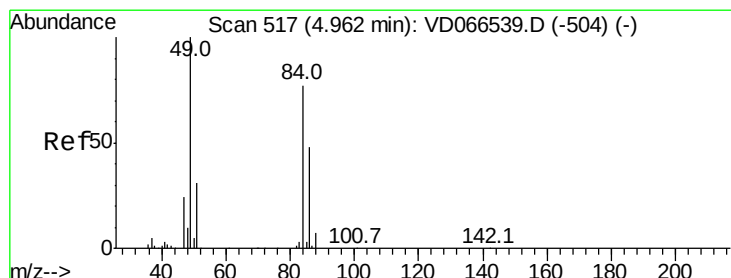
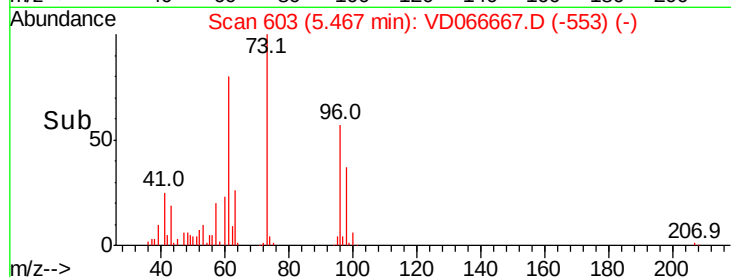
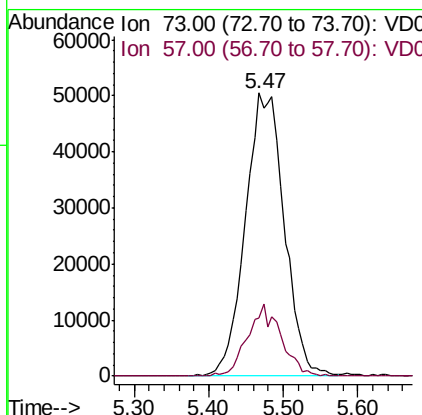
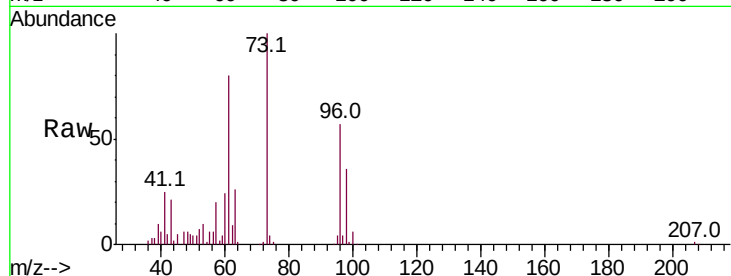




#19
Methyl tert-butyl Ether
Concen: 20.131 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

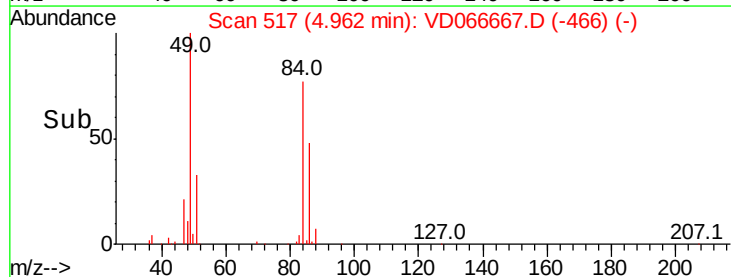
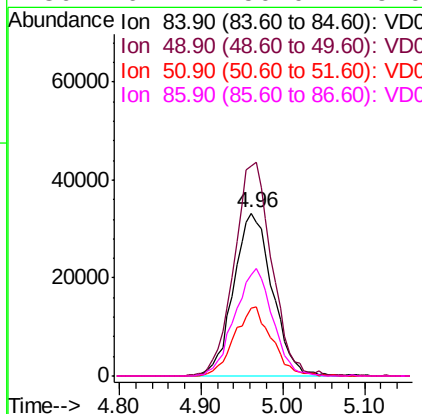
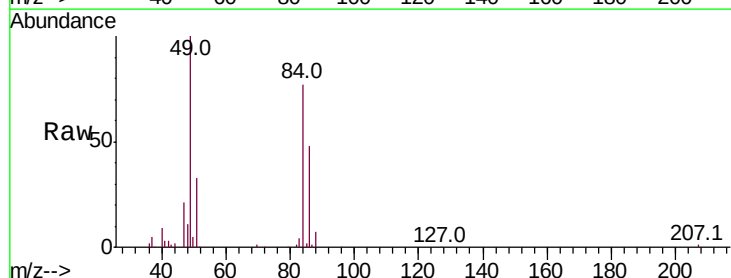
Instrument :
MSVOA_D
ClientSampleId :

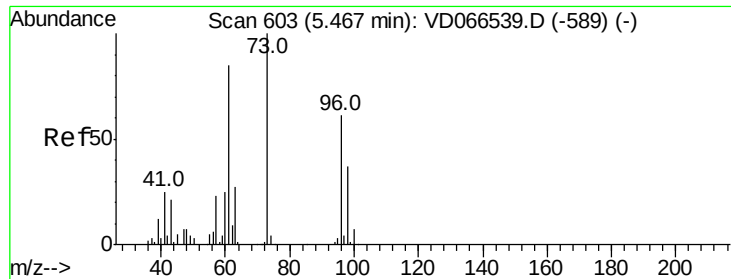
Tot Ion: 73 Resp: 182700
Ion Ratio Lower Upper
73 100
57 20.4 18.3 27.5



#20
Methylene Chloride
Concen: 19.366 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion: 84 Resp: 109150
Ion Ratio Lower Upper
84 100
49 128.6 104.3 156.5
51 42.1 32.2 48.4
86 62.1 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 20.273 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampled :

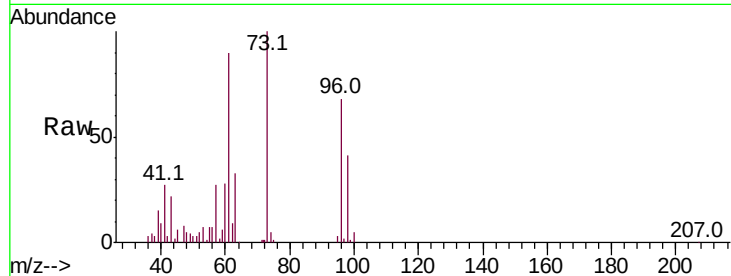
Tot Ion: 96 Resp: 93167

Ion Ratio Lower Upper

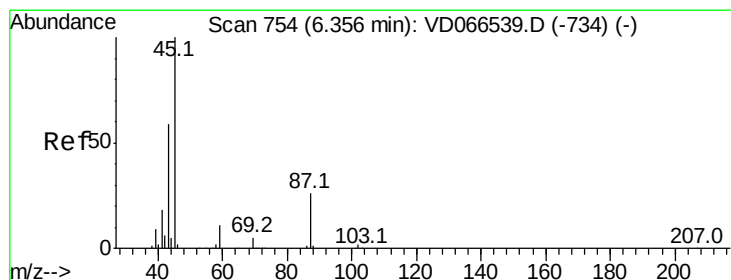
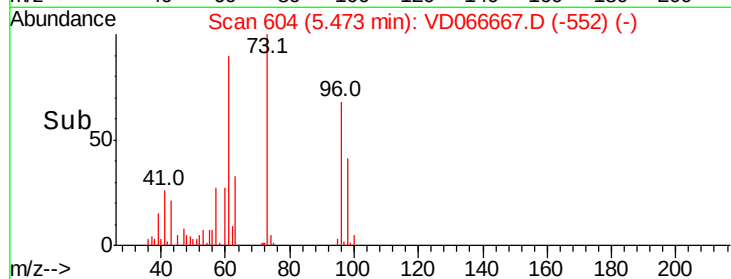
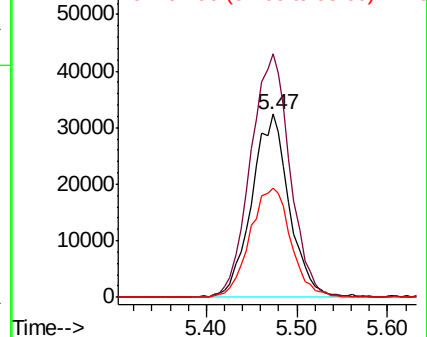
96 100

61 132.9 112.1 168.1

98 59.9 48.6 72.8



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



#22

Diisopropyl ether

Concen: 20.802 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Tgt Ion: 45 Resp: 271320

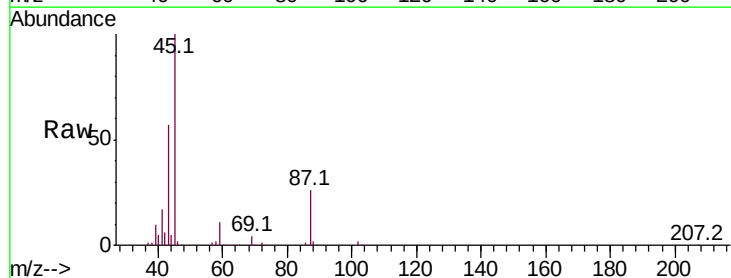
Ion Ratio Lower Upper

45 100

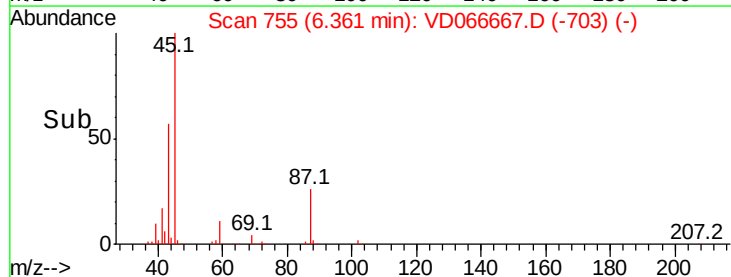
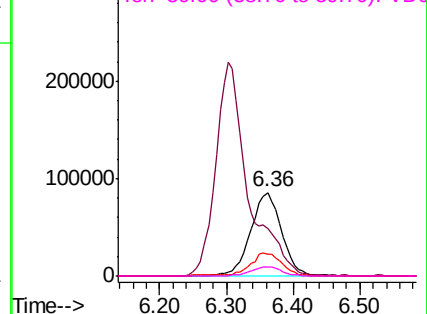
43 56.1 47.0 70.4

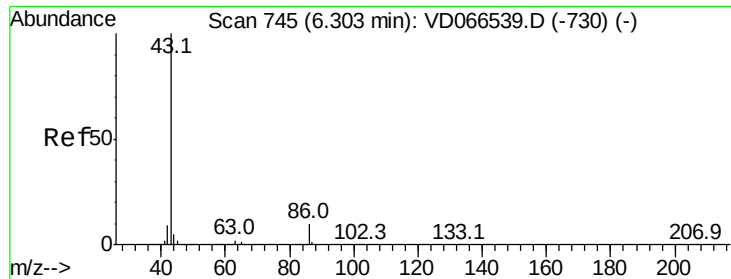
87 26.2 21.3 31.9

59 11.2 8.7 13.1



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

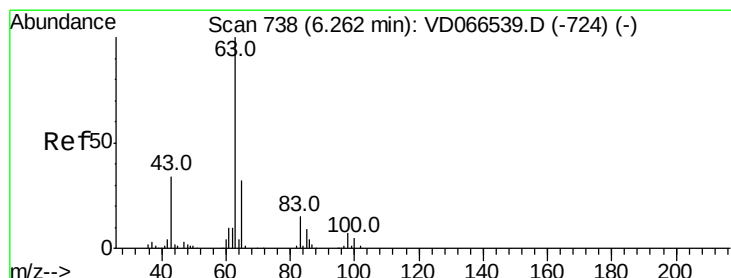
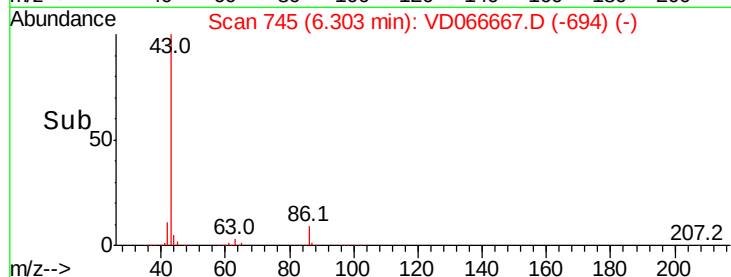
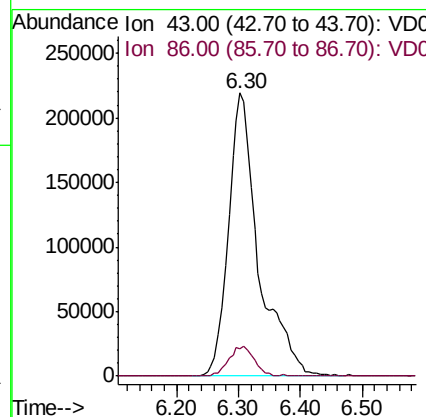
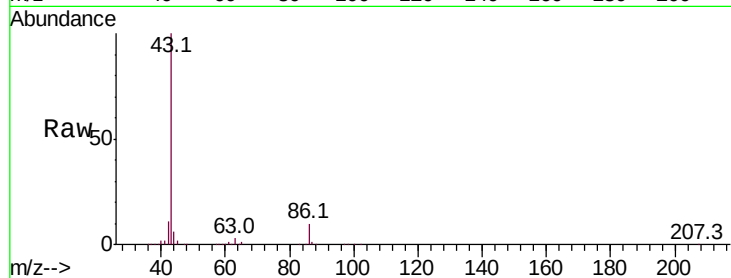




#23
 Vinyl Acetate
 Concen: 99.894 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

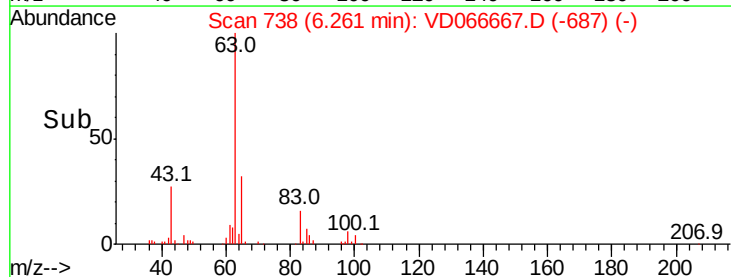
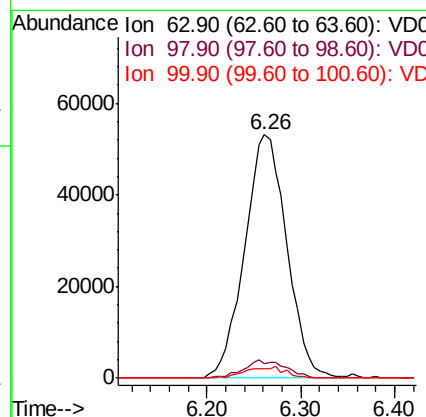
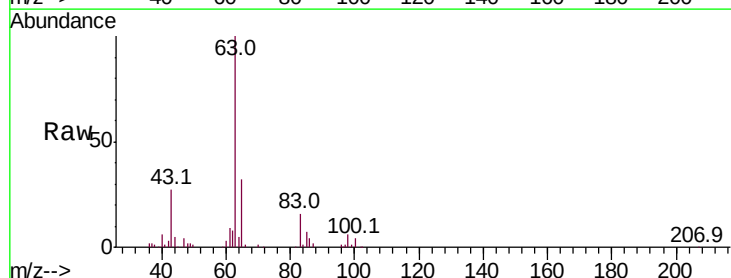
Instrument :
 MSVOA_D
 ClientSampleId :

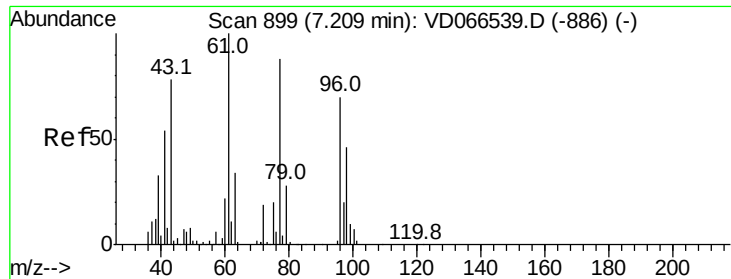
Tot Ion: 43 Resp: 741448
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 20.076 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion: 63 Resp: 164666
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.1
 100 3.9 2.5 7.4





#25

2-Butanone

Concen: 98.688 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

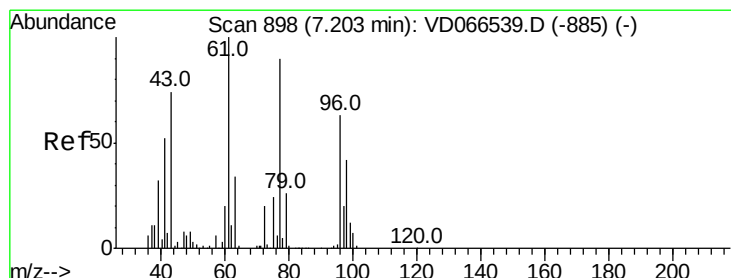
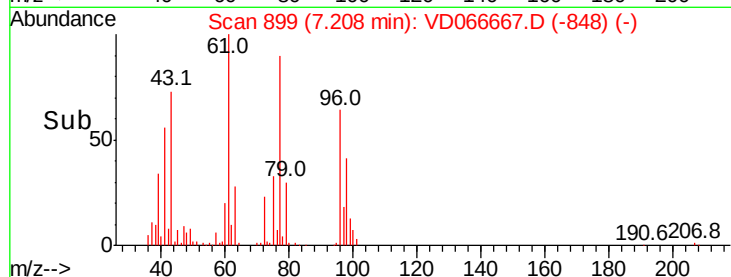
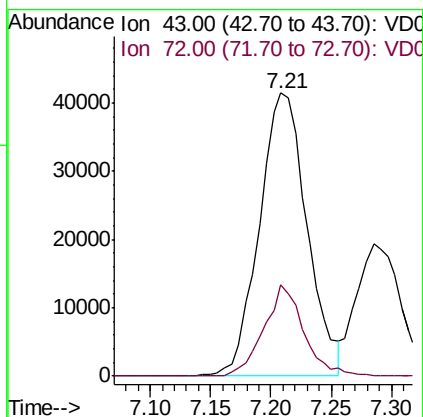
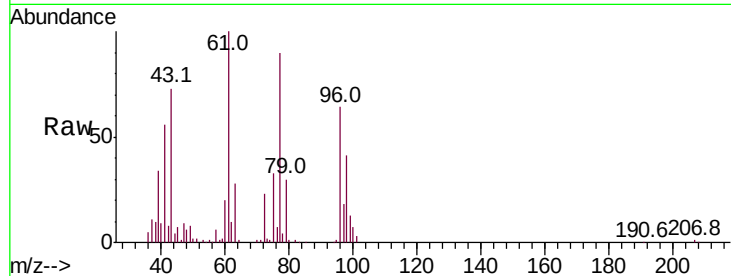
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 113286

Ion Ratio Lower Upper

43 100

72 32.3 19.8 29.6#



#26

2,2-Dichloropropane

Concen: 20.350 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066667.D

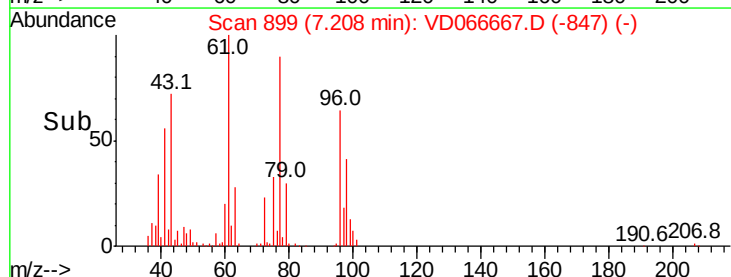
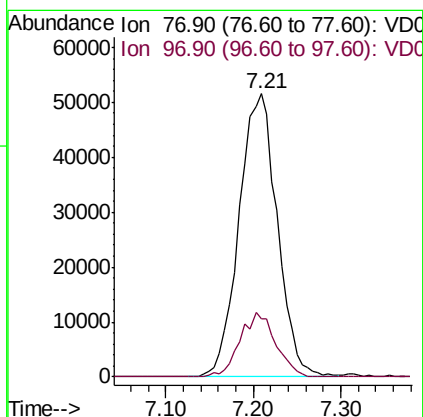
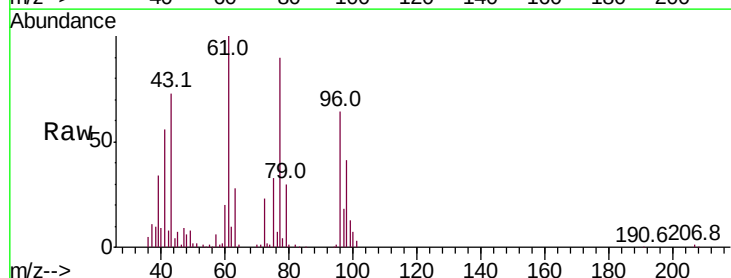
Acq: 14 Sep 2020 12:26

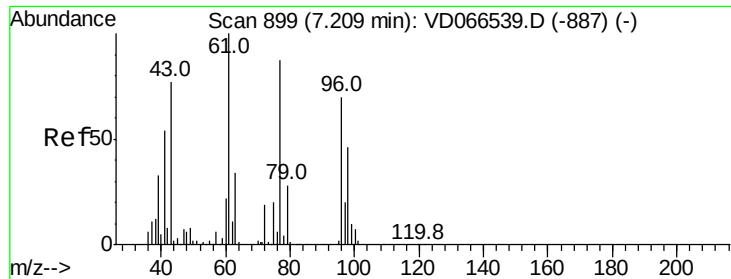
Tgt Ion: 77 Resp: 153104

Ion Ratio Lower Upper

77 100

97 21.1 10.8 32.3



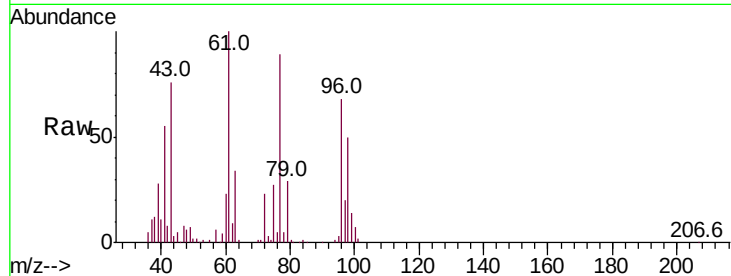


#27

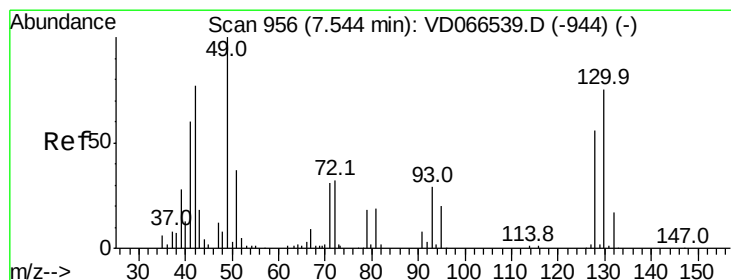
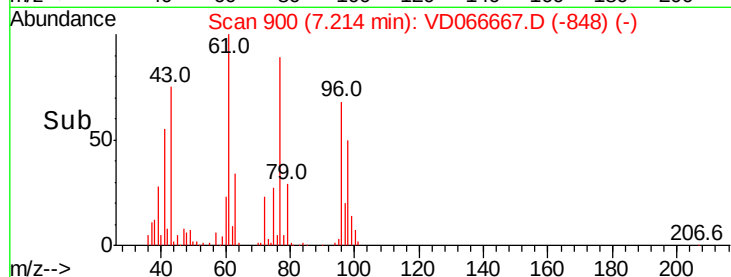
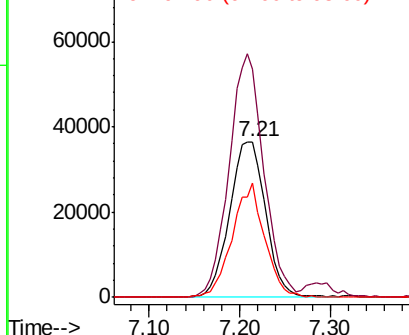
cis-1,2-Dichloroethene
 Concen: 20.467 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	96	Resp	101151
Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	301.0
98	65.4	0.0	129.8



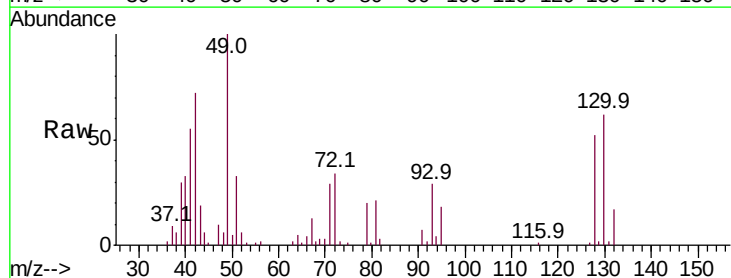
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



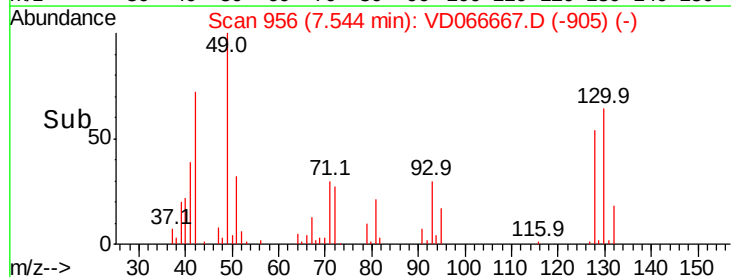
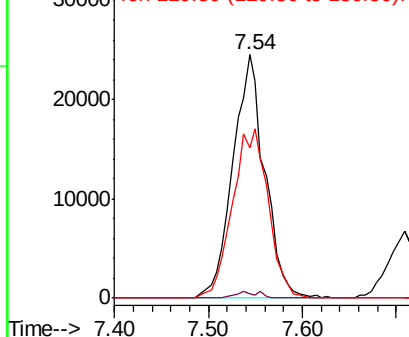
#28

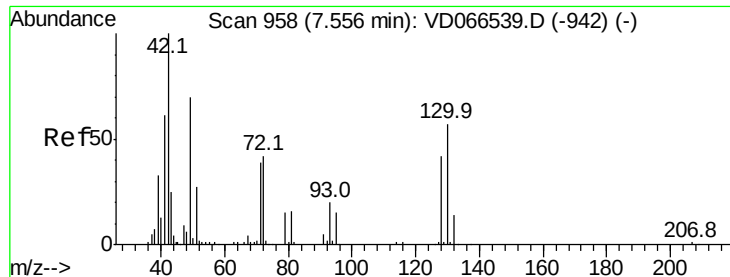
Bromochloromethane
 Concen: 18.288 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion	49	Resp	57750
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.6
130	77.5	58.2	87.2



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

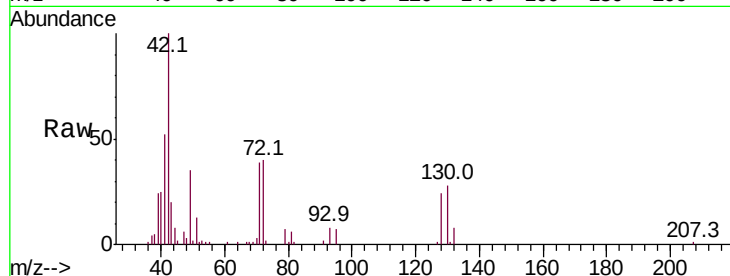




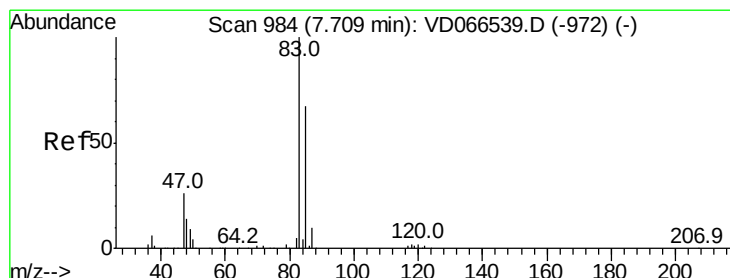
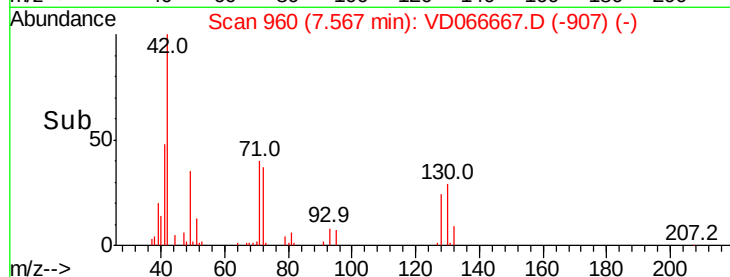
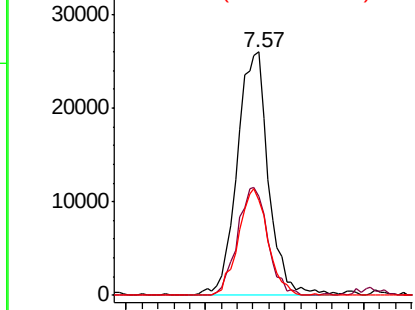
#29
Tetrahydrofuran
Concen: 99.592 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 42 Resp: 71200
Ion Ratio Lower Upper
42 100
72 42.8 33.4 50.0
71 41.2 31.9 47.9

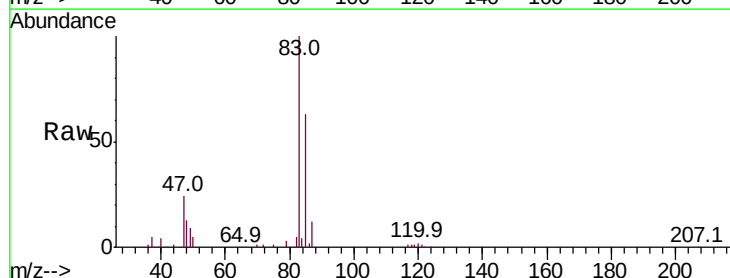


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

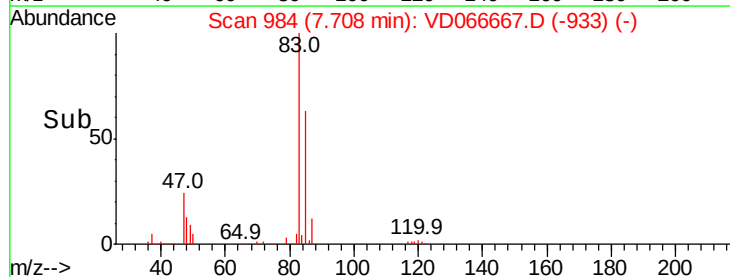
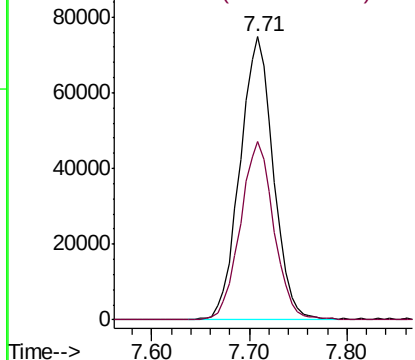


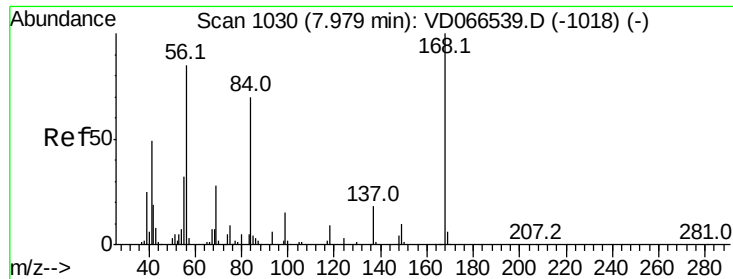
#30
Chloroform
Concen: 20.623 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion: 83 Resp: 178954
Ion Ratio Lower Upper
83 100
85 62.9 53.6 80.4



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

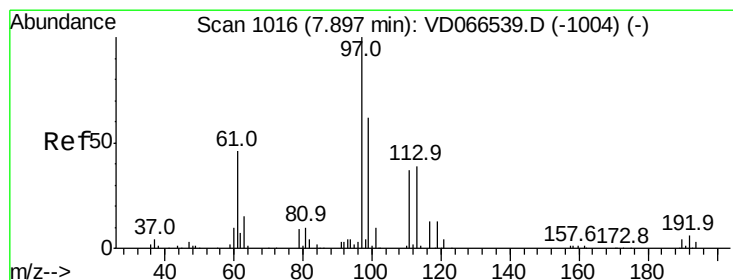
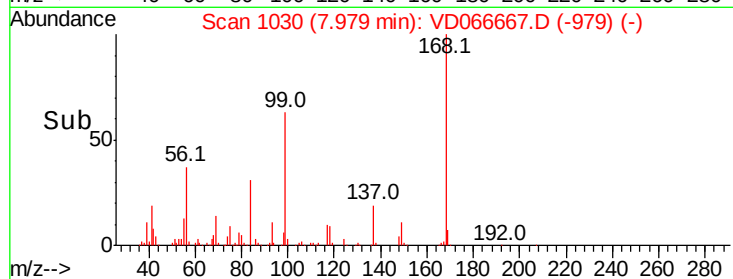
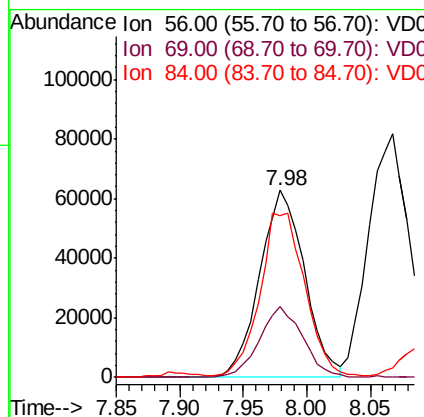
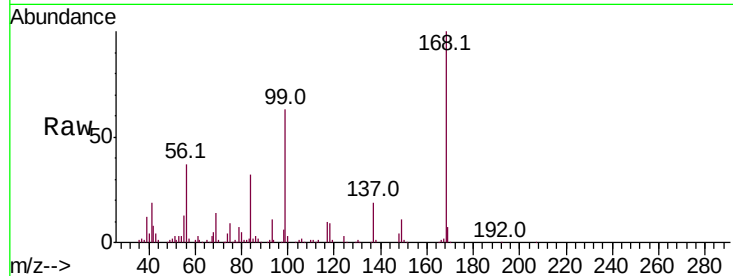




#31
Cyclohexane
Concen: 20.374 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

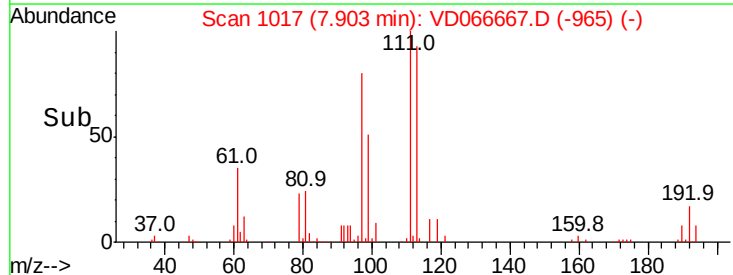
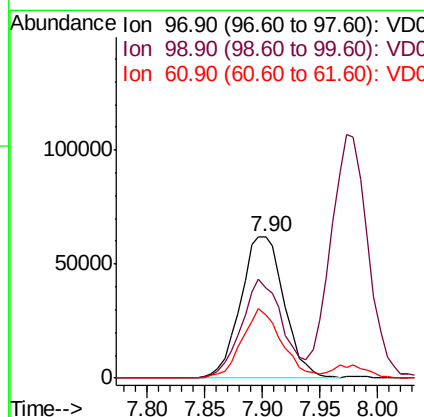
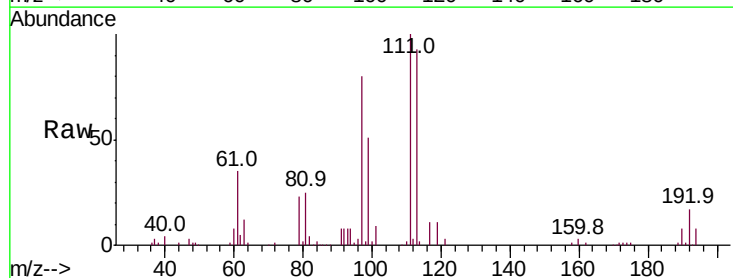
Instrument :
MSVOA_D
ClientSampled :

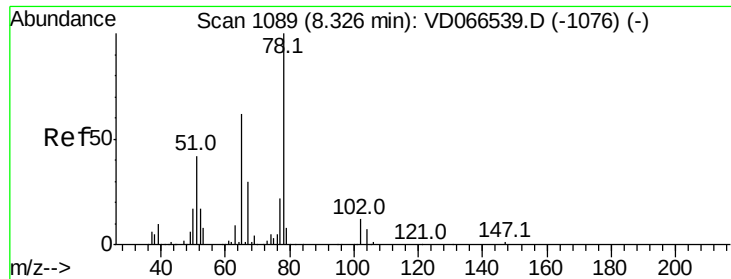
Tot Ion: 56 Resp: 154473
Ion Ratio Lower Upper
56 100
69 38.1 26.3 39.5
84 84.5 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 19.980 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion: 97 Resp: 163007
Ion Ratio Lower Upper
97 100
99 66.9 51.4 77.0
61 44.9 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 49.769 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

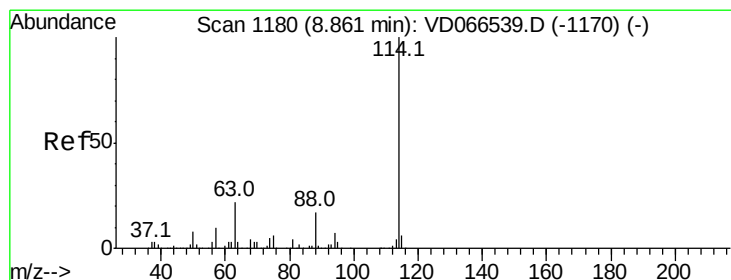
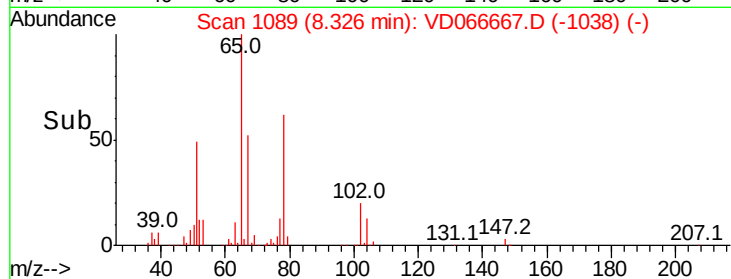
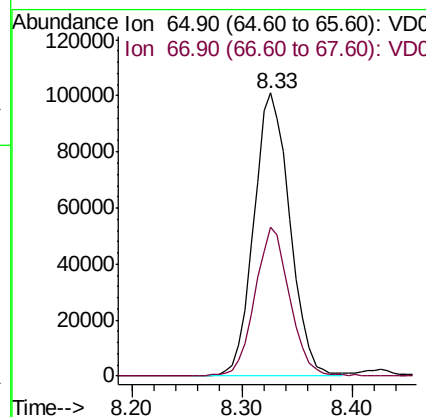
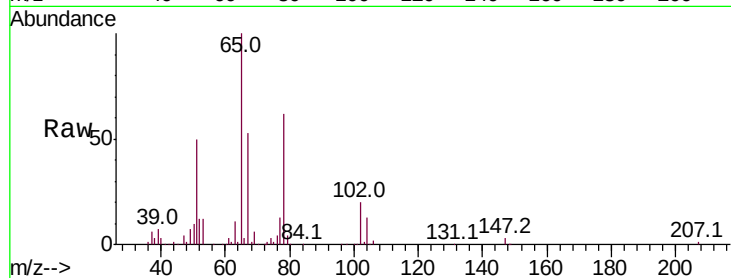
Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 65 Resp: 231303

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

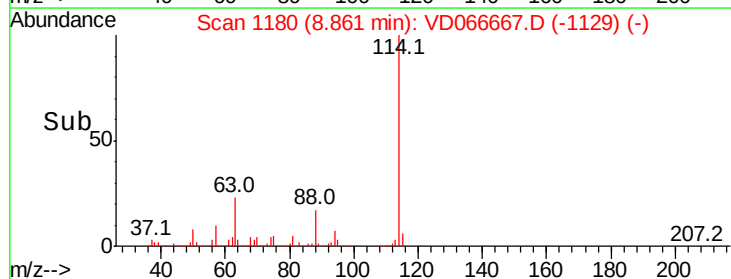
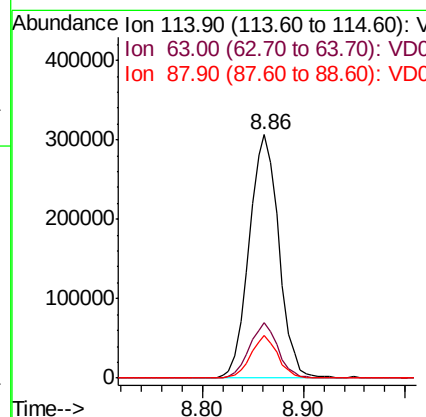
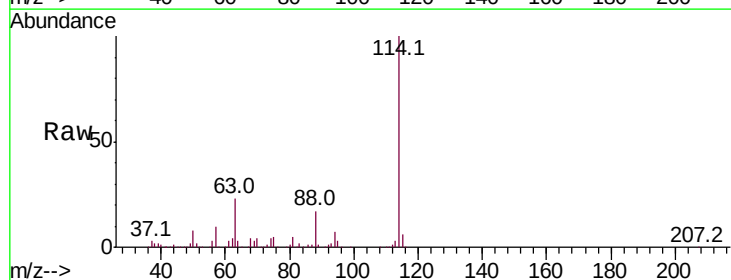
Delta R.T. -0.00 min

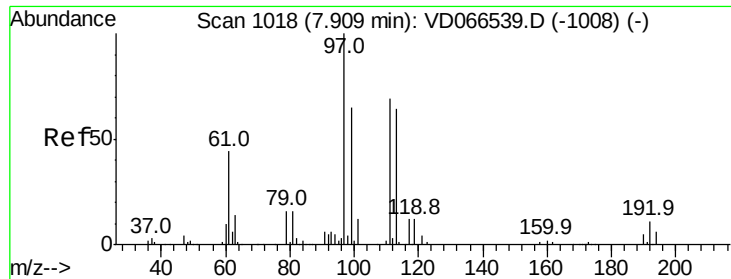
Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Tgt Ion: 114 Resp: 621890

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.2
88	17.3	0.0	33.2

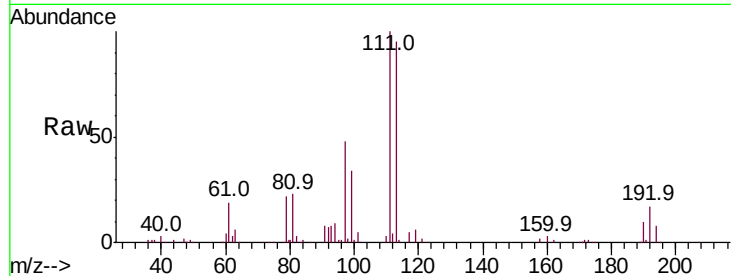




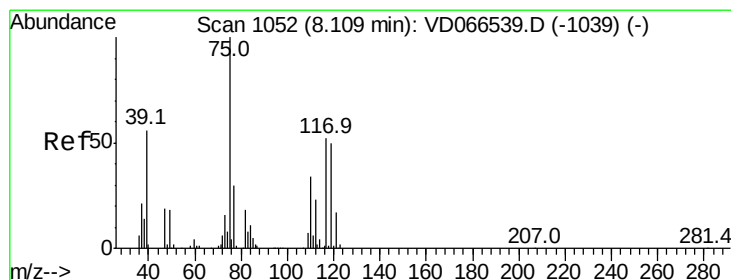
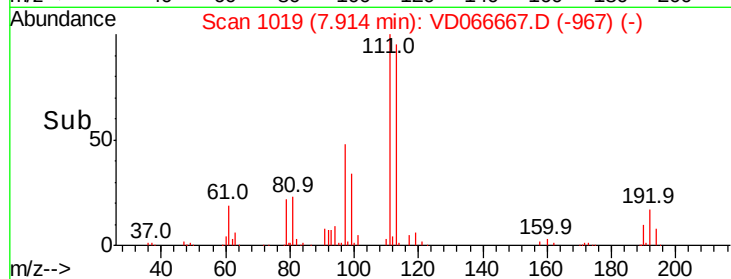
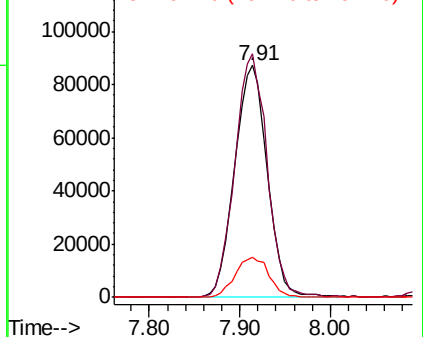
#35
 Dibromofluoromethane
 Concen: 52.011 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 218203
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.2 124.8
 192 17.8 13.7 20.5

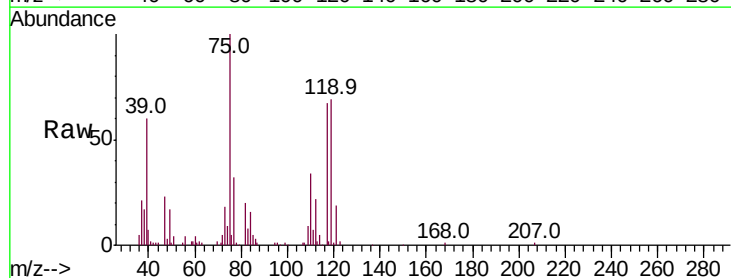


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

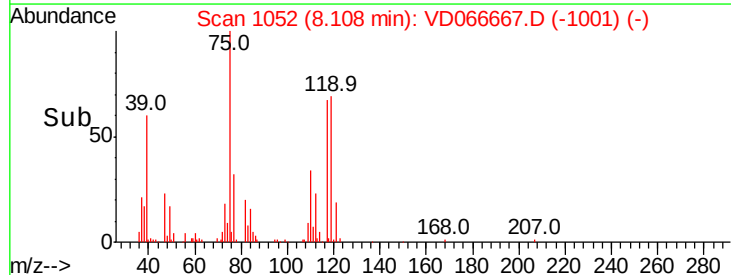
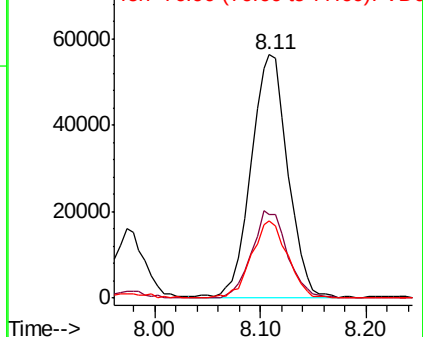


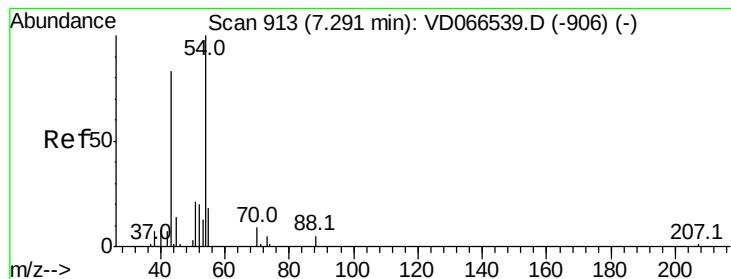
#36
 1,1-Dichloropropene
 Concen: 20.904 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion: 75 Resp: 135293
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.3 52.0
 77 31.4 25.1 37.7



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





#37

Ethyl Acetate

Concen: 17.689 ug/l

RT: 7.28 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

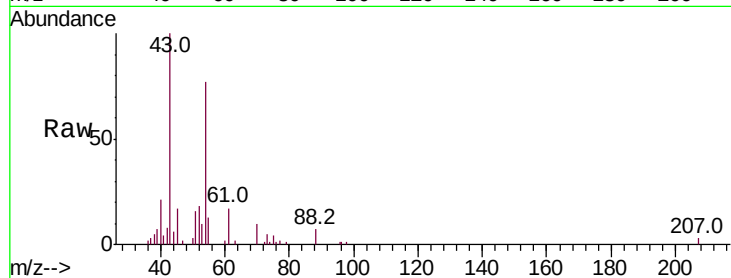
Tot Ion: 43 Resp: 45586

Ion Ratio Lower Upper

43 100

61 18.5 11.8 17.8#

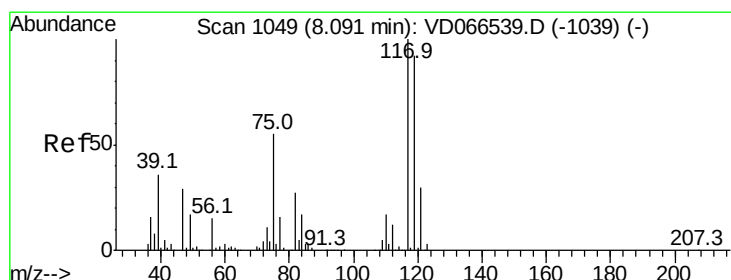
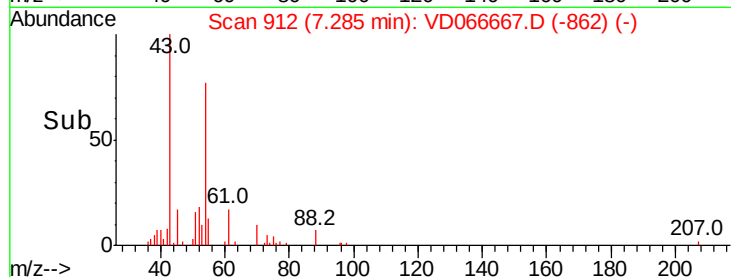
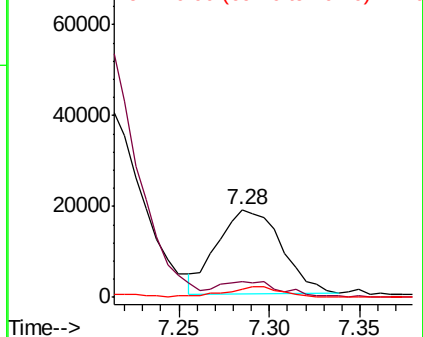
70 11.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 60.90 (60.60 to 61.60): V

Ion 70.00 (69.70 to 70.70): V



#38

Carbon Tetrachloride

Concen: 21.875 ug/l

RT: 8.09 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

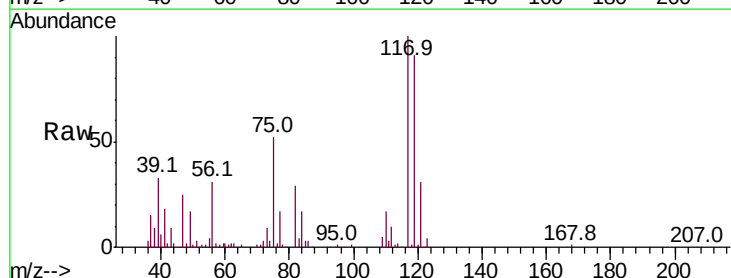
Tgt Ion: 117 Resp: 149644

Ion Ratio Lower Upper

117 100

119 91.3 73.9 110.9

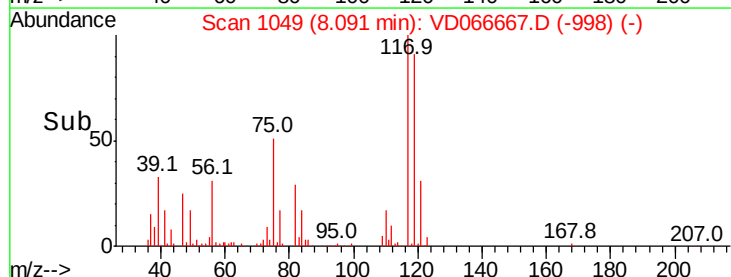
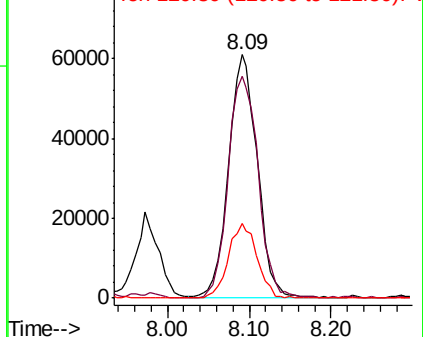
121 30.6 24.1 36.1

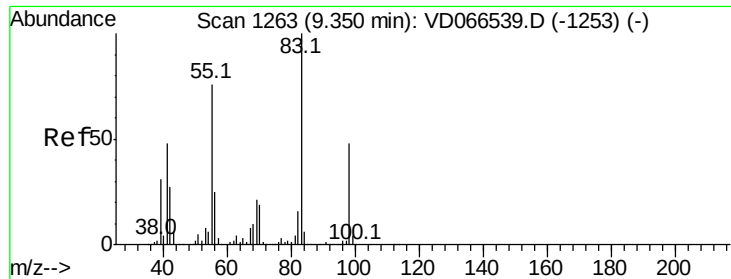


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

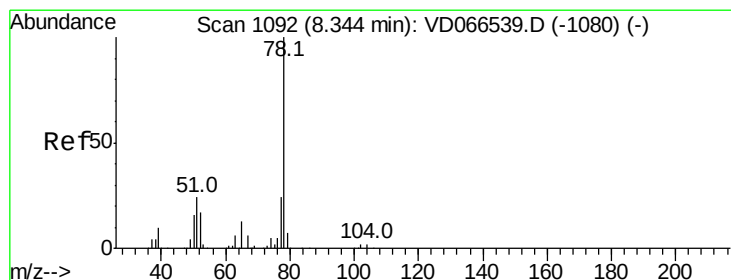
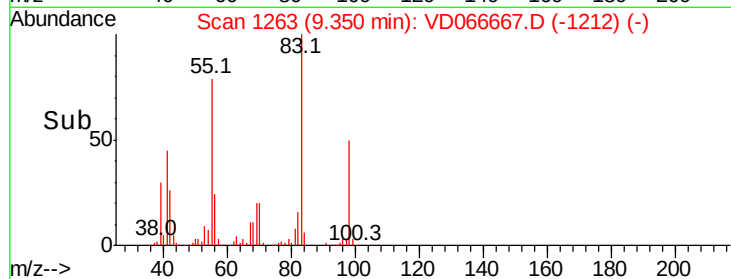
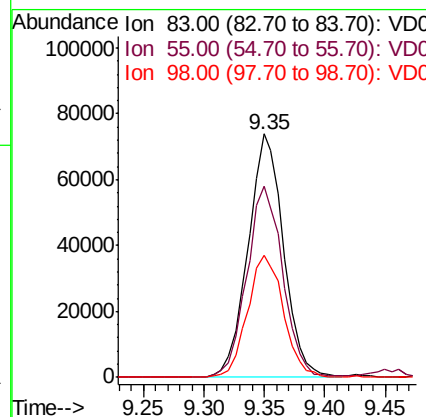
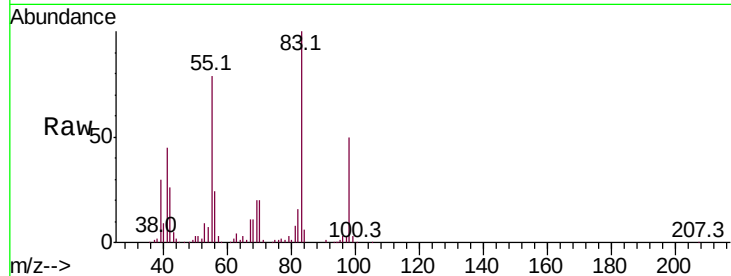




#39
Methylvlcyclohexane
Concen: 20.922 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

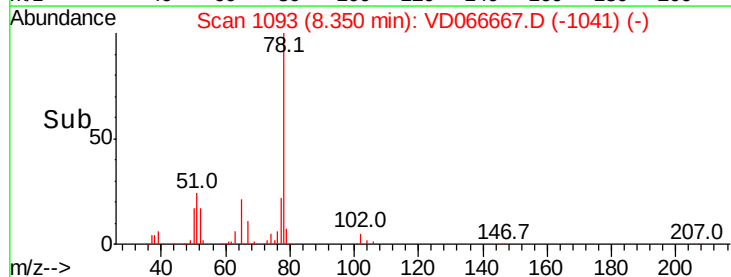
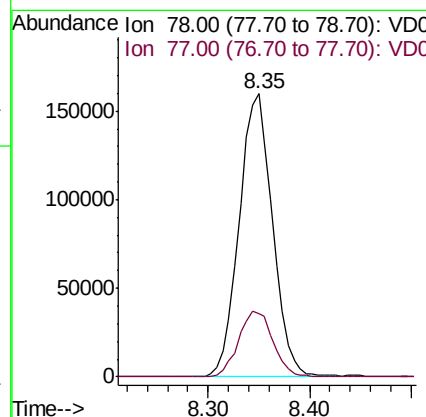
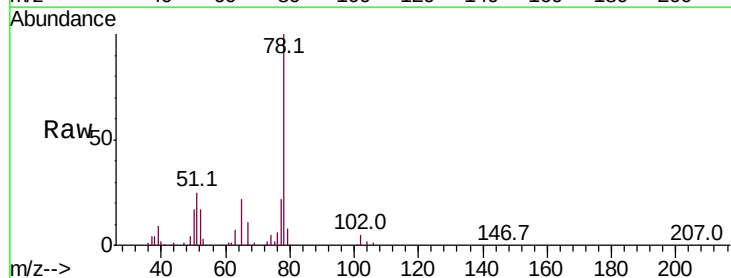
Instrument :
MSVOA_D
ClientSampleId :

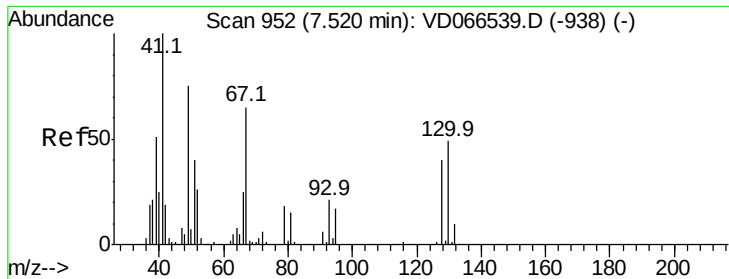
Tot Ion	83	Resp	151203
Ion	Ratio	Lower	Upper
83	100		
55	78.6	60.8	91.2
98	50.2	38.6	58.0



#40
Benzene
Concen: 20.591 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	78	Resp	364983
Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.1	28.7

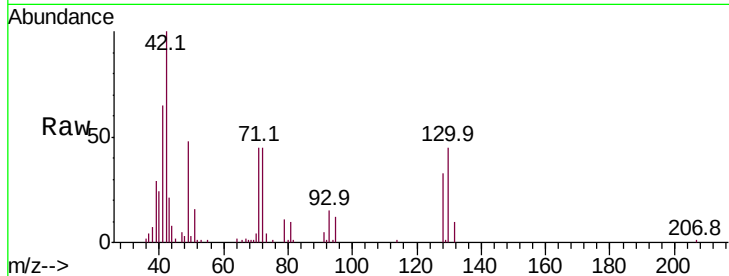




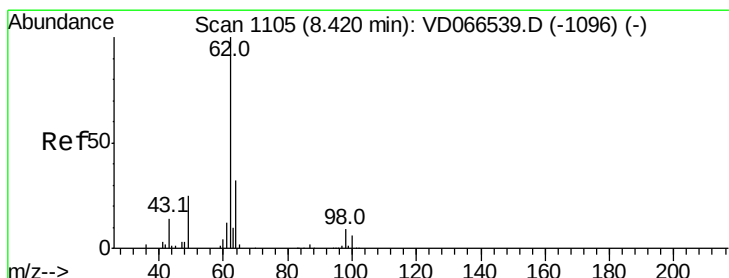
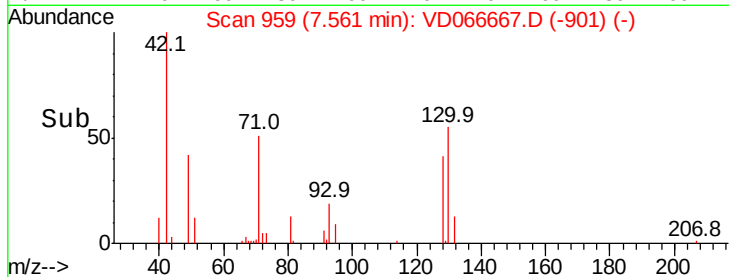
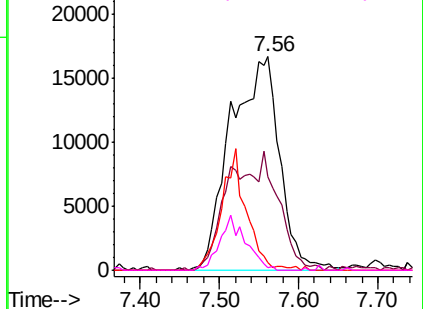
#41
Methacrylonitrile
Concen: 56.942 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 41 Resp: 71034
Ion Ratio Lower Upper
41 100
39 0.0 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#

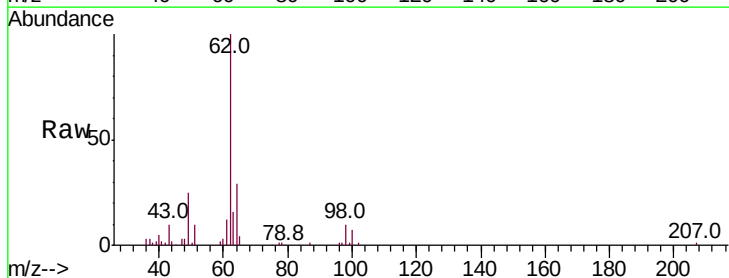


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

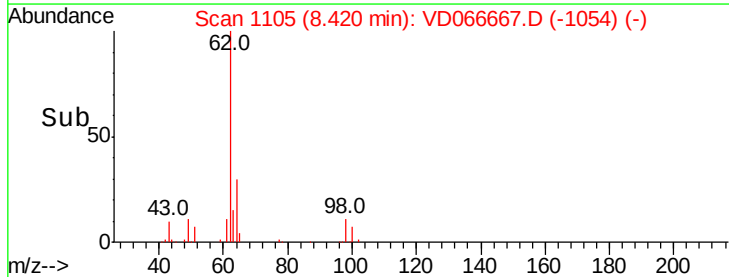
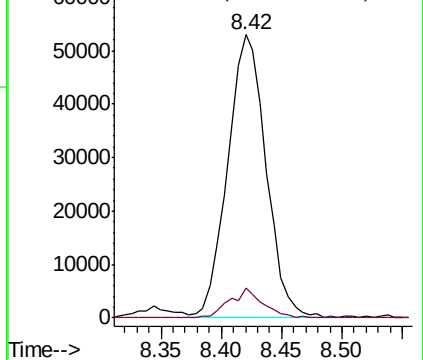


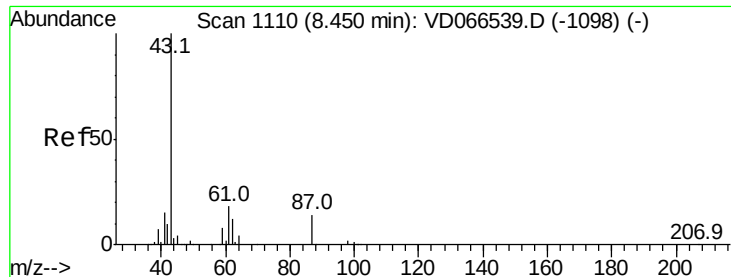
#42
1,2-Dichloroethane
Concen: 20.212 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion: 62 Resp: 116077
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 19.395 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

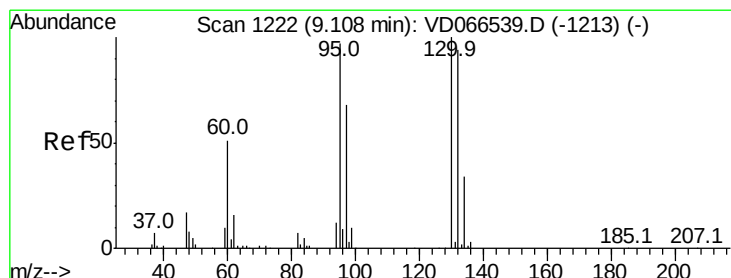
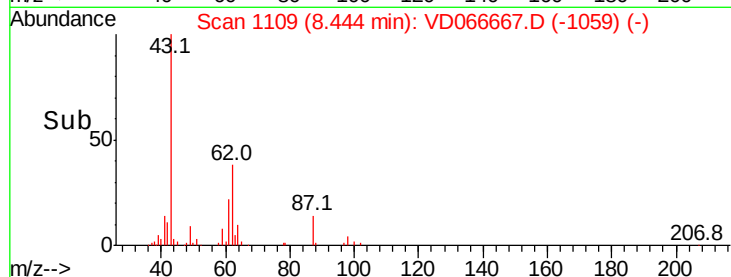
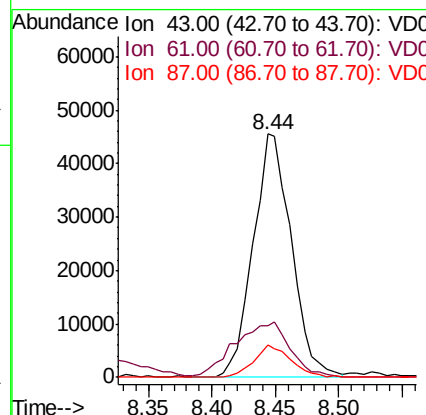
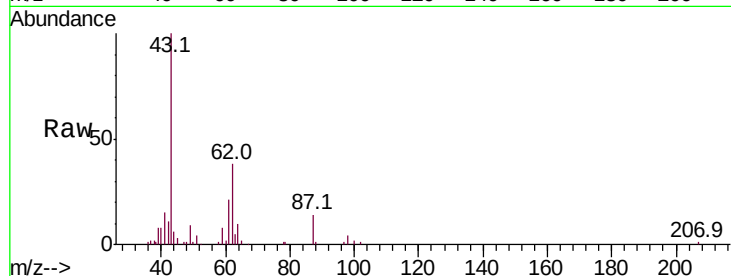
Tot Ion: 43 Resp: 95787

Ion Ratio Lower Upper

43 100

61 33.0 23.8 35.8

87 12.9 10.7 16.1



#44

Trichloroethene

Concen: 20.966 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066667.D

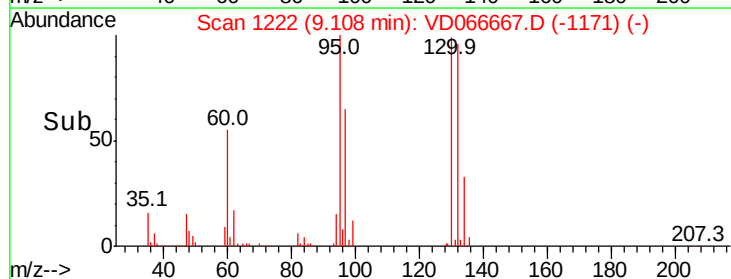
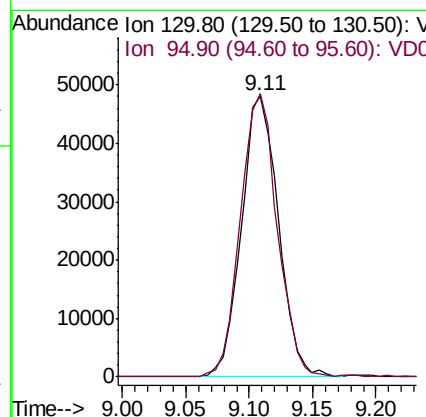
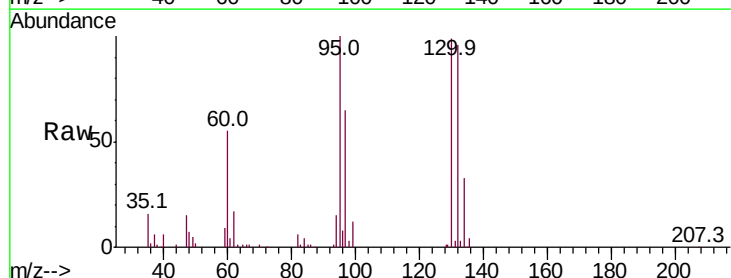
Acq: 14 Sep 2020 12:26

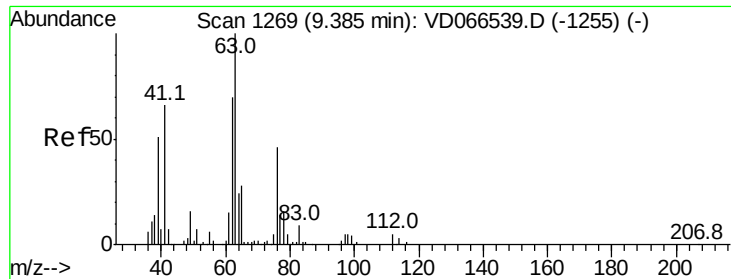
Tgt Ion:130 Resp: 97483

Ion Ratio Lower Upper

130 100

95 100.7 0.0 194.4

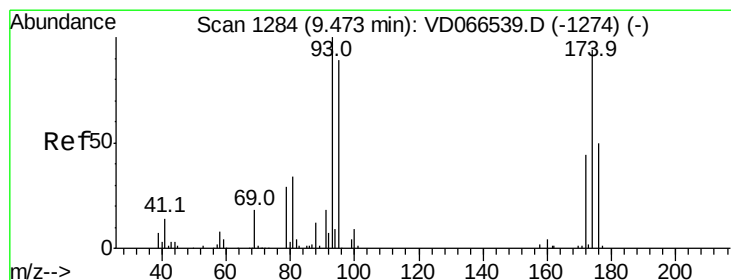
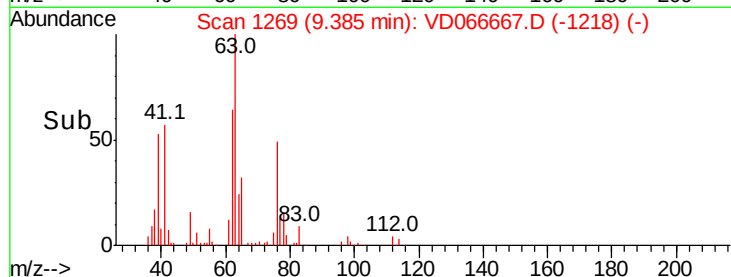
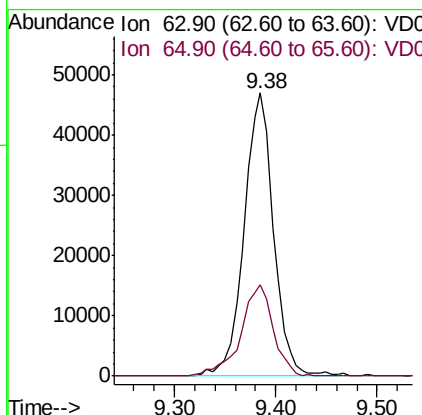
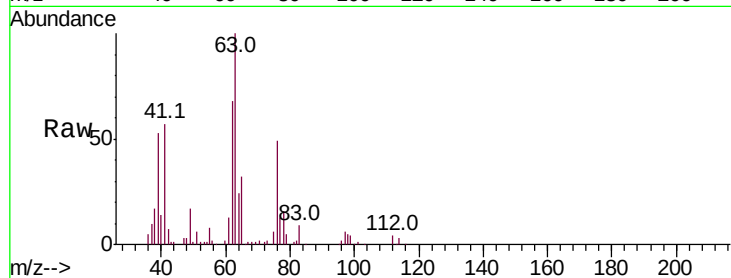




#45
 1,2-Dichloropropane
 Concen: 21.169 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

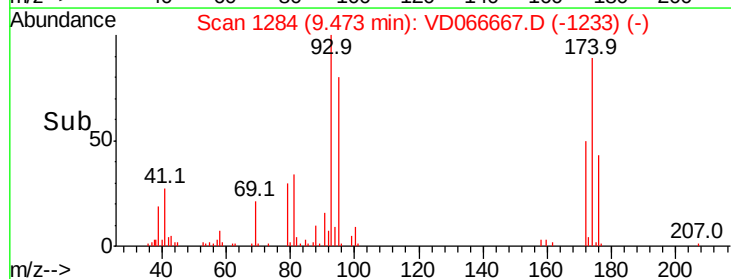
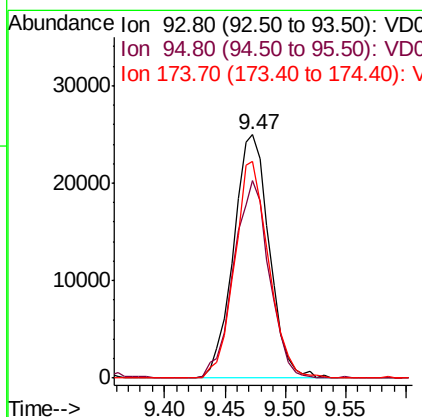
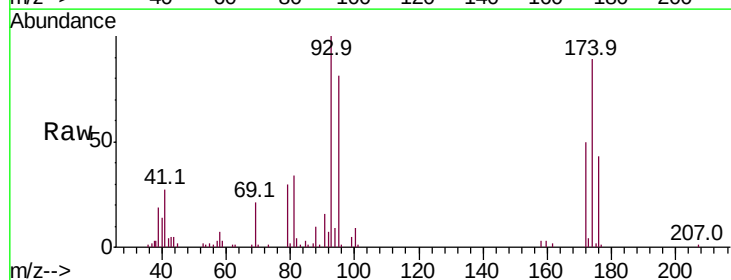
Instrument :
 MSVOA_D
 ClientSampled :

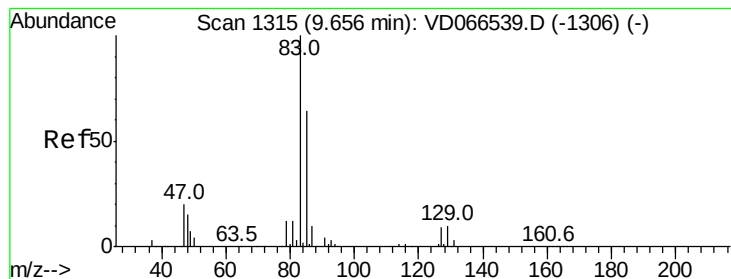
Tot Ion: 63 Resp: 94363
 Ion Ratio Lower Upper
 63 100
 65 32.1 22.6 34.0



#46
 Dibromomethane
 Concen: 20.956 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion: 93 Resp: 51537
 Ion Ratio Lower Upper
 93 100
 95 80.5 68.7 103.1
 174 85.3 70.0 105.0





#47

Bromodichloromethane

Concen: 20.727 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

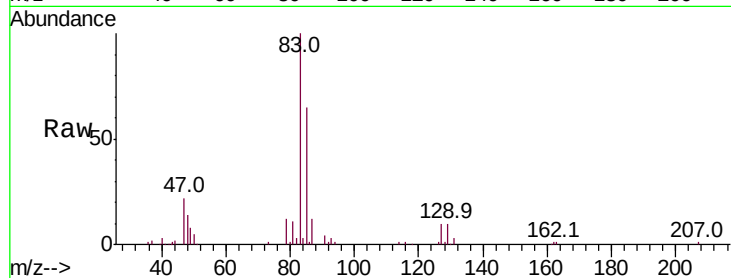
Tot Ion: 83 Resp: 137911

Ion Ratio Lower Upper

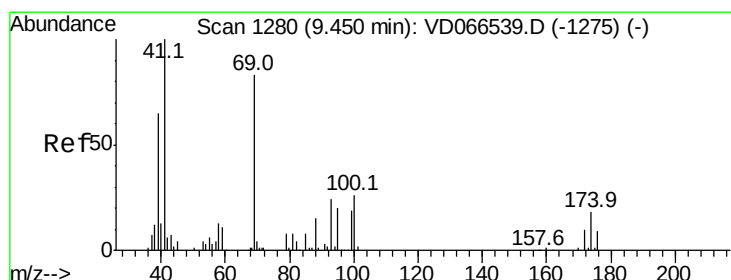
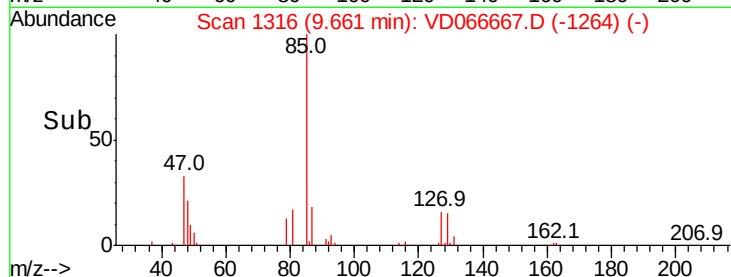
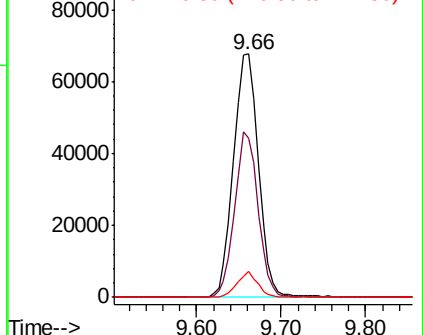
83 100

85 65.2 51.1 76.7

127 10.5 6.9 10.3#



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



#48

Methyl methacrylate

Concen: 18.403 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

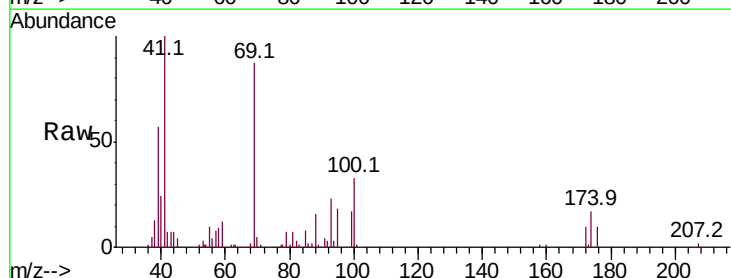
Tgt Ion: 41 Resp: 45958

Ion Ratio Lower Upper

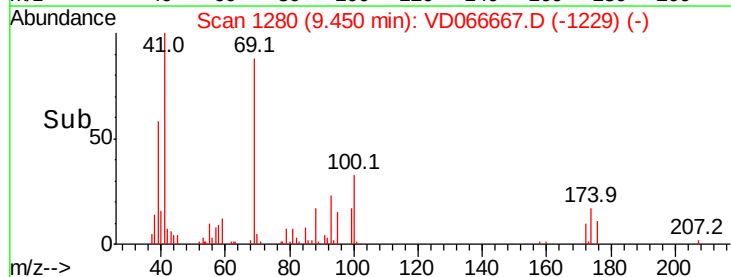
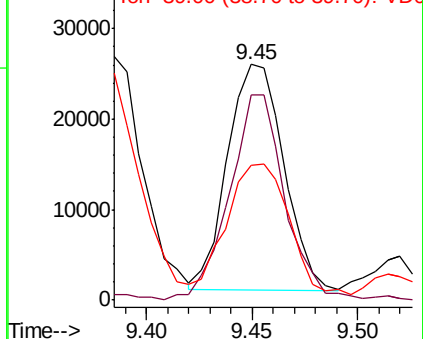
41 100

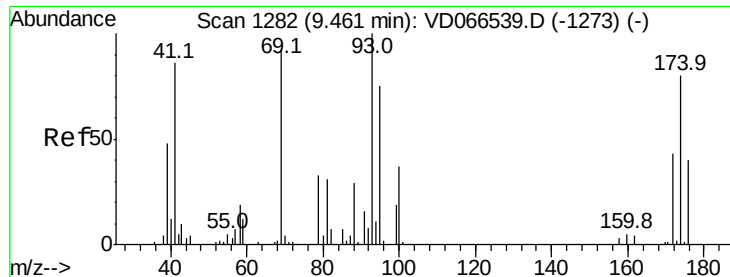
69 89.8 64.5 96.7

39 63.7 46.6 69.8



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





#49

1,4-Dioxane

Concen: 398.807 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :

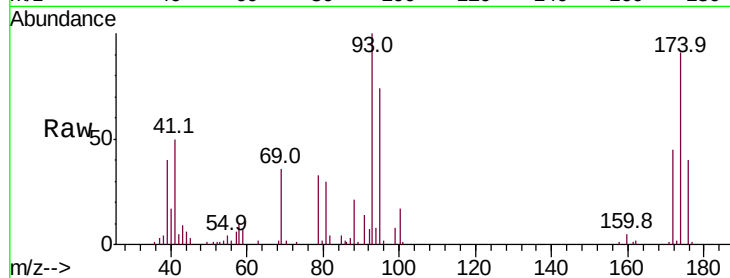
Tot Ion: 88 Resp: 10760

Ion Ratio Lower Upper

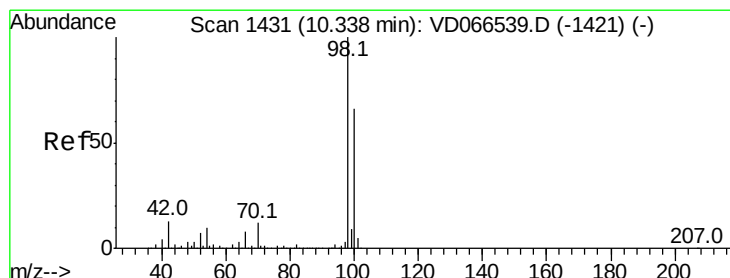
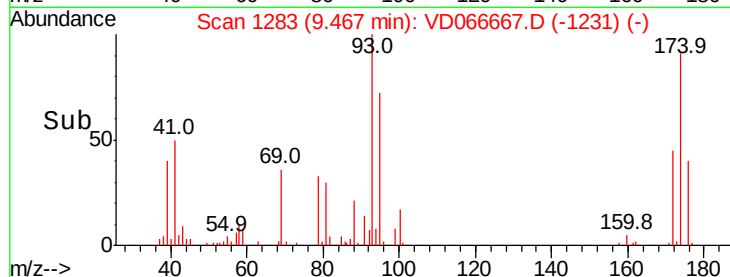
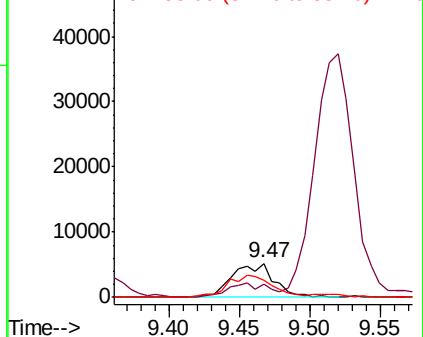
88 100

43 41.3 28.3 42.5

58 67.9 56.1 84.1



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



#50

Toluene-d8

Concen: 53.789 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066667.D

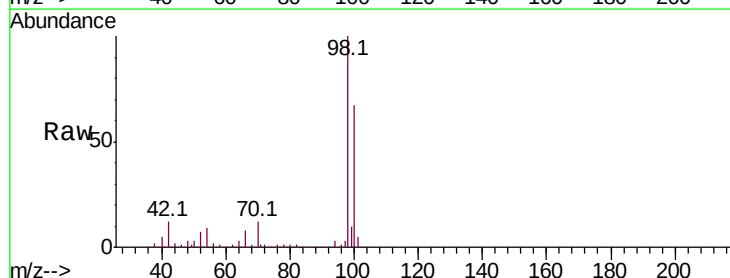
Acq: 14 Sep 2020 12:26

Tgt Ion: 98 Resp: 806557

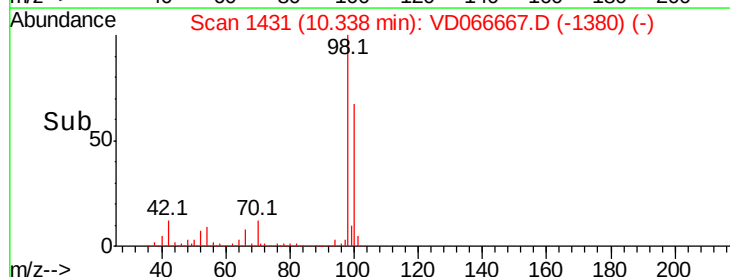
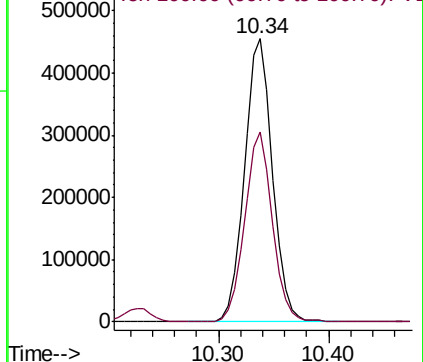
Ion Ratio Lower Upper

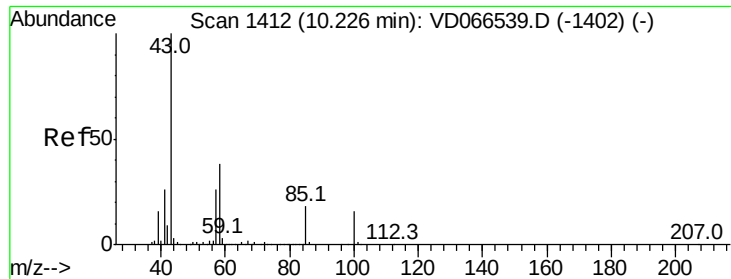
98 100

100 66.6 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 101.466 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

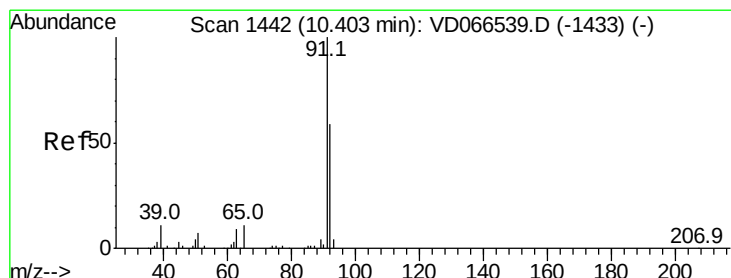
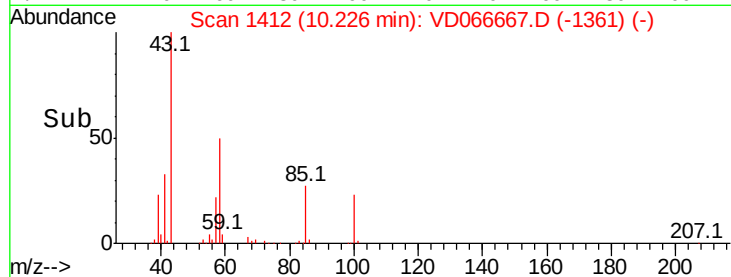
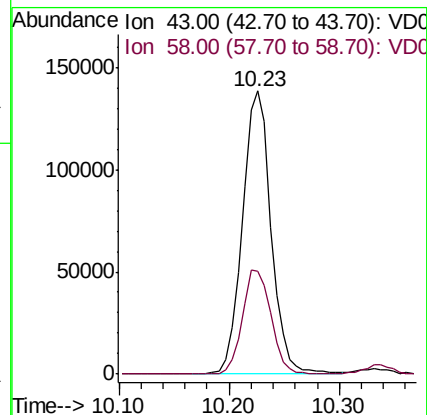
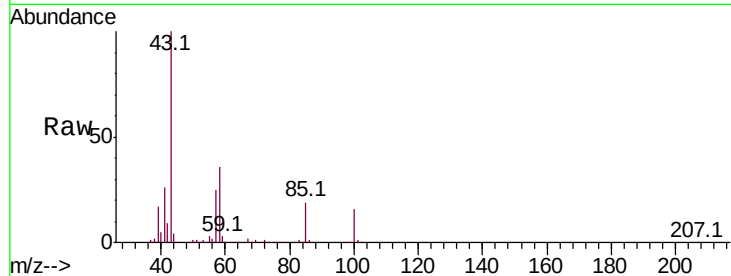
ClientSampled :

Tot Ion: 43 Resp: 252727

Ion Ratio Lower Upper

43 100

58 36.8 30.5 45.7



#52

Toluene

Concen: 21.621 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066667.D

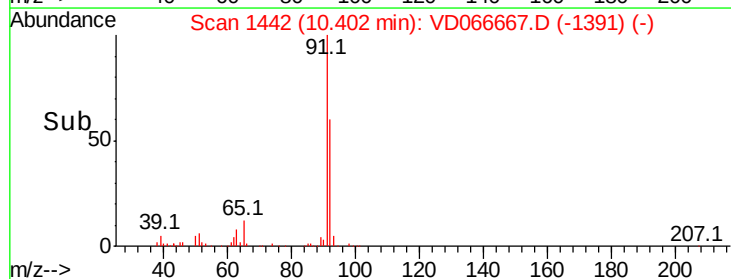
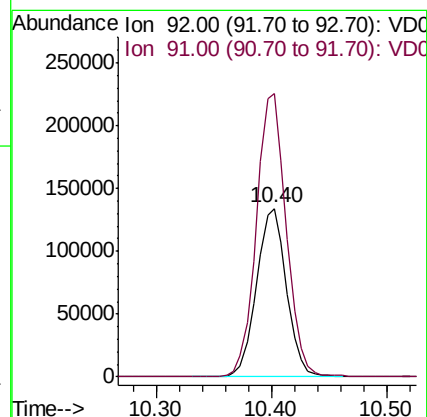
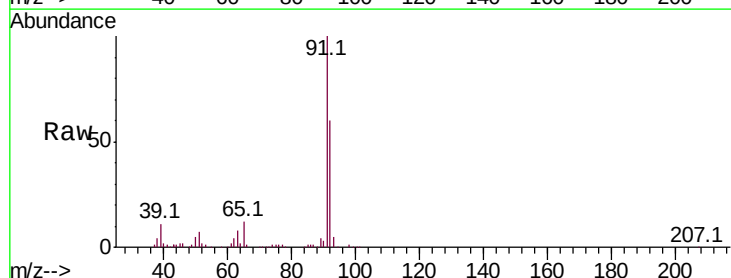
Acq: 14 Sep 2020 12:26

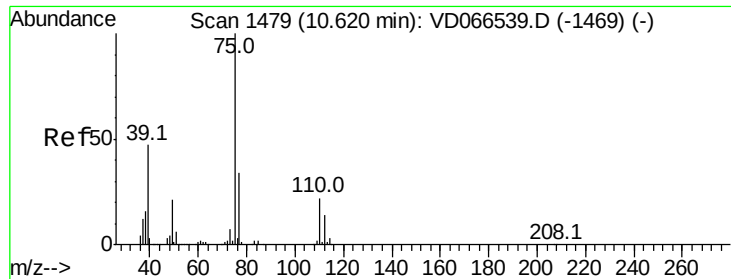
Tgt Ion: 92 Resp: 242599

Ion Ratio Lower Upper

92 100

91 168.1 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 20.422 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

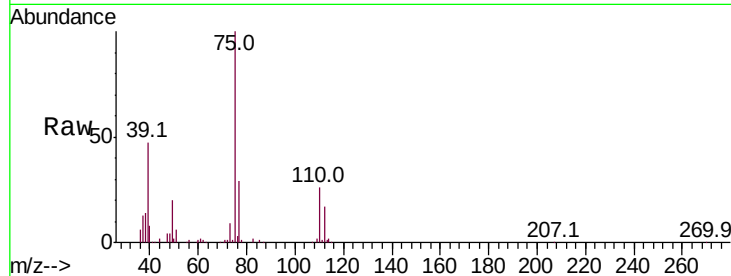
ClientSampleId :

Tot Ion: 75 Resp: 119954

Ion Ratio Lower Upper

75 100

77 29.1 27.4 41.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

80000

60000

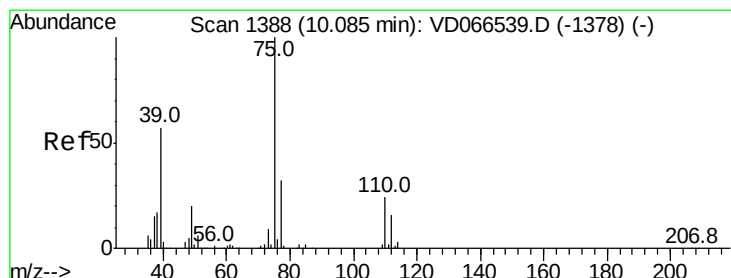
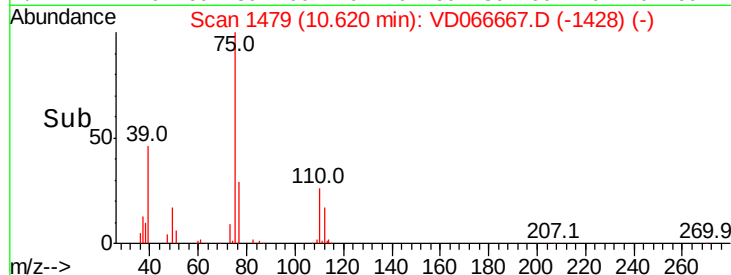
40000

20000

0

10.55 10.60 10.65 10.70

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.716 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

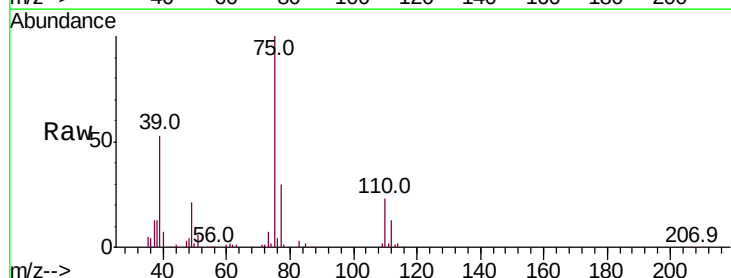
Tgt Ion: 75 Resp: 146120

Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.0

39 52.7 45.4 68.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.08

100000

80000

60000

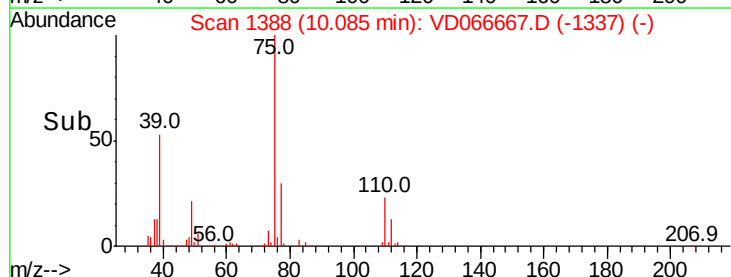
40000

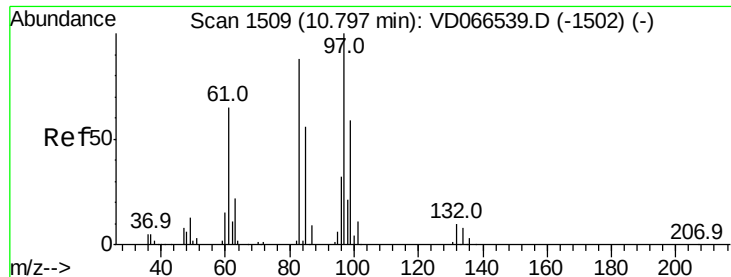
20000

0

10.00 10.10 10.20

Time-->





#55

1,1,2-Trichloroethane

Concen: 21.338 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

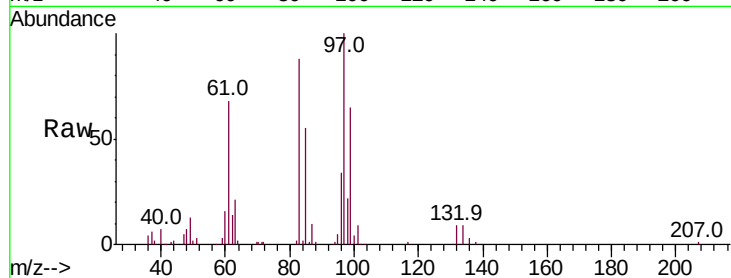
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 67473

Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.1	105.1
85	54.8	44.5	66.7
99	65.4	47.1	70.7



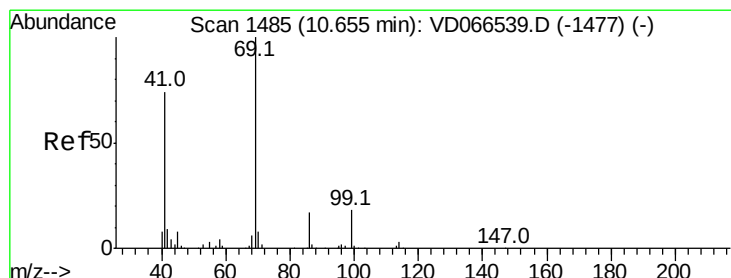
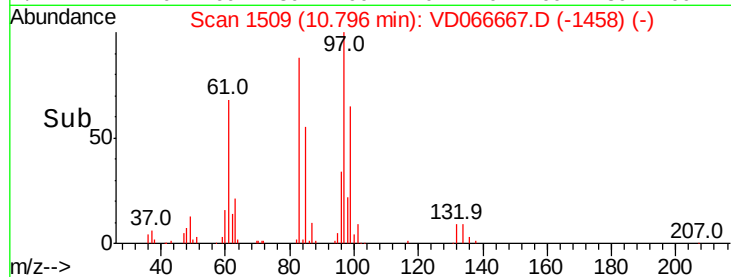
Abundance

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: 20.207 ug/l

RT: 10.66 min Scan# 1486

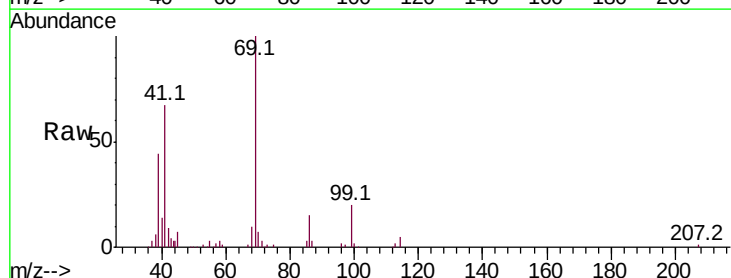
Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Tgt Ion: 69 Resp: 74397

Ion	Ratio	Lower	Upper
69	100		
41	73.6	56.8	85.2
39	35.9	30.6	46.0

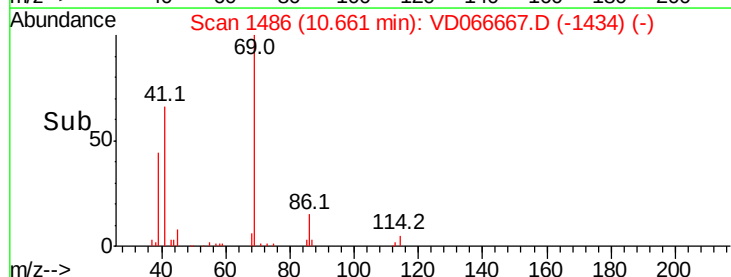


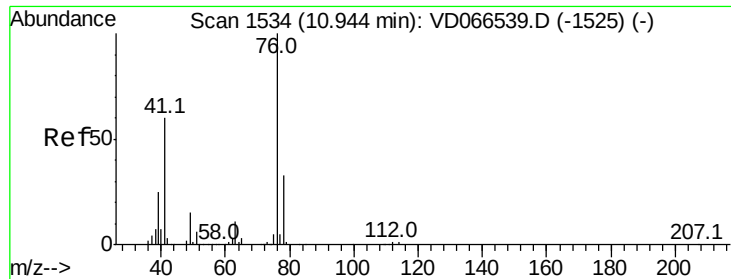
Abundance

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: 20.659 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

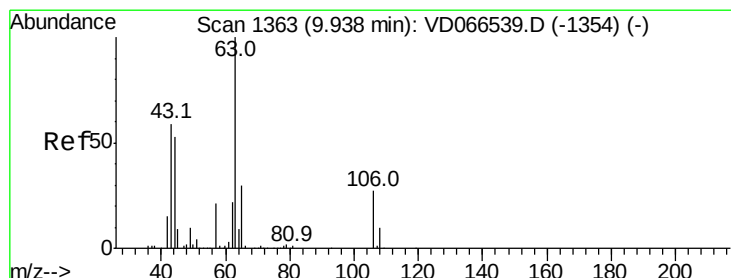
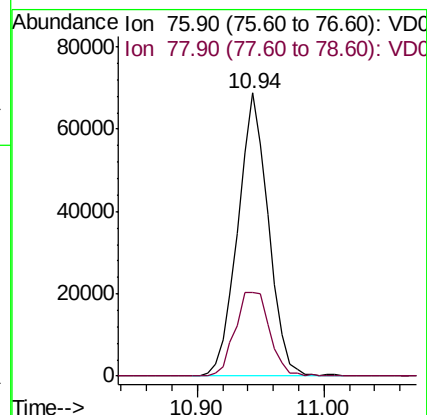
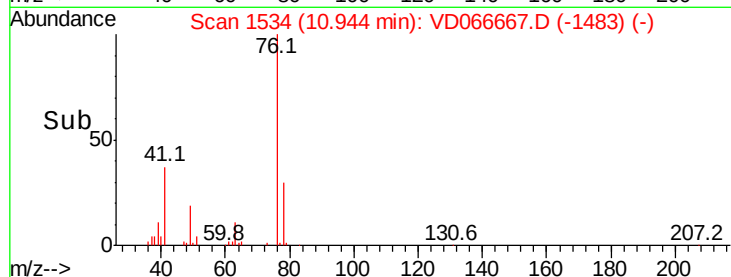
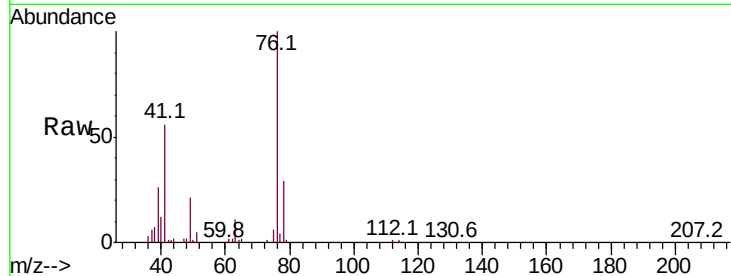
ClientSampleId :

Tot Ion: 76 Resp: 114419

Ion Ratio Lower Upper

76 100

78 33.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 120.015 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066667.D

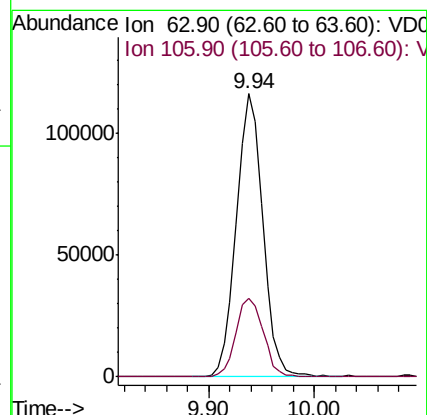
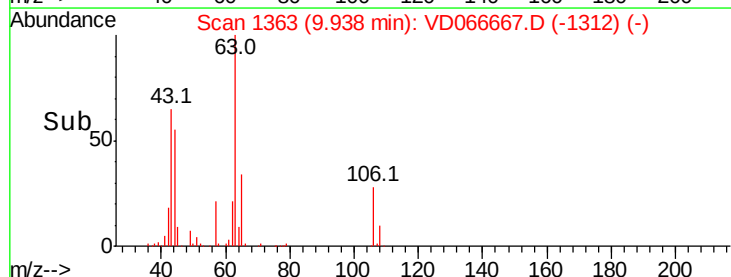
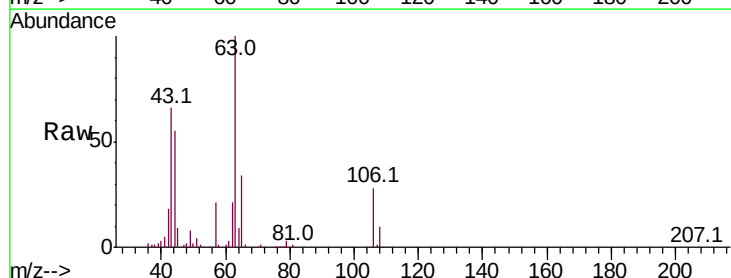
Acq: 14 Sep 2020 12:26

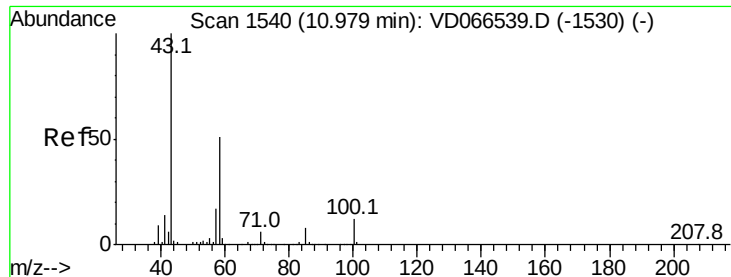
Tgt Ion: 63 Resp: 202104

Ion Ratio Lower Upper

63 100

106 28.9 22.0 33.0

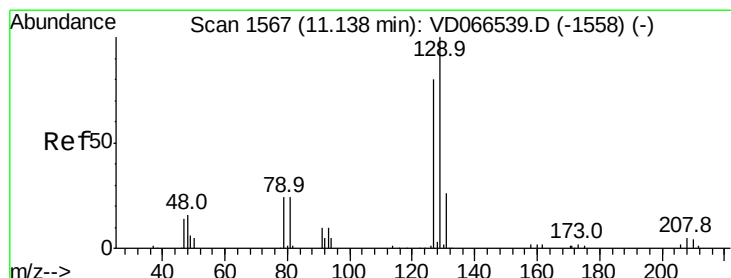
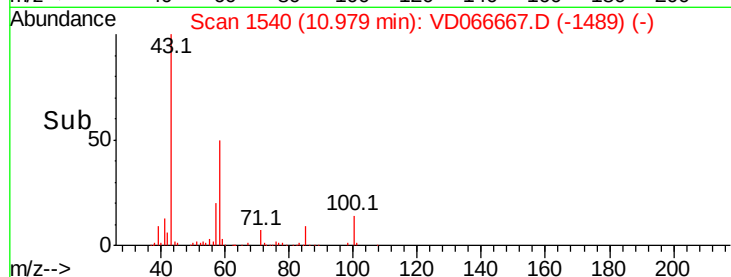
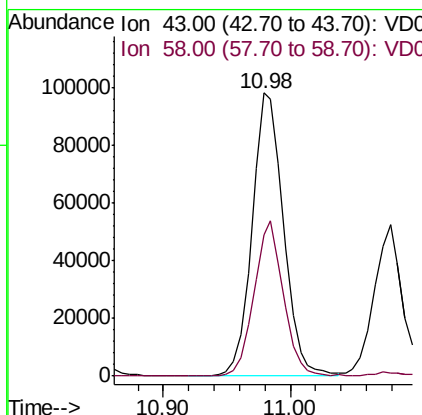
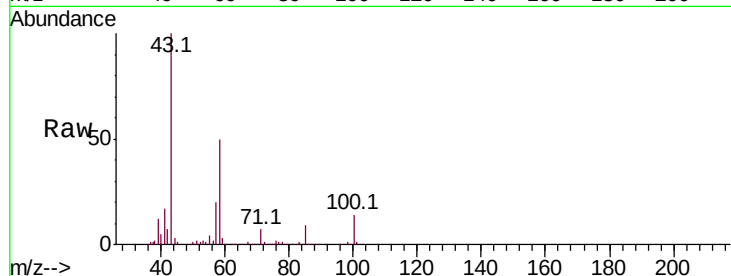




#59
2-Hexanone
Concen: 101.366 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

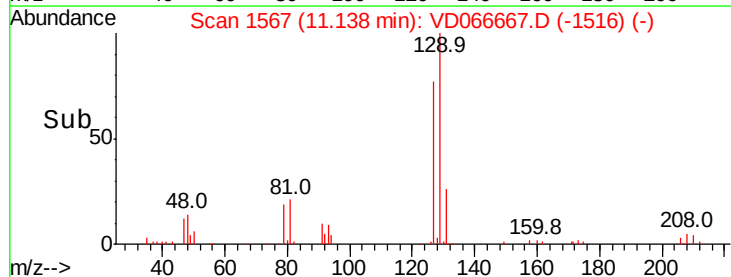
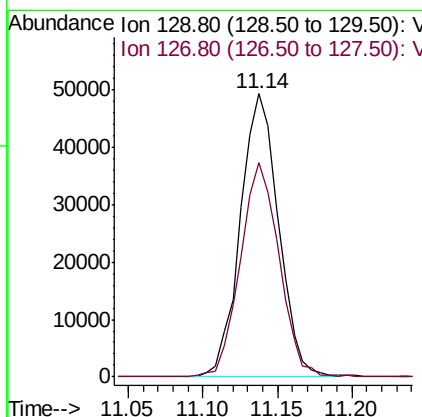
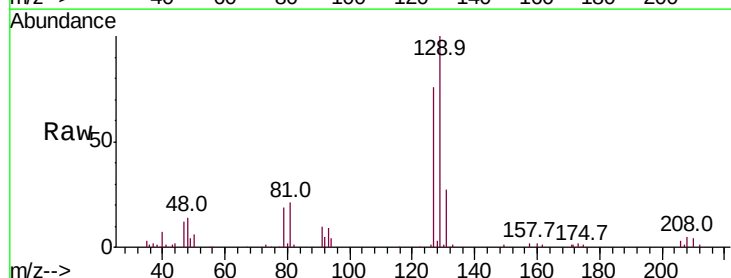
Instrument :
MSVOA_D
ClientSampleId :

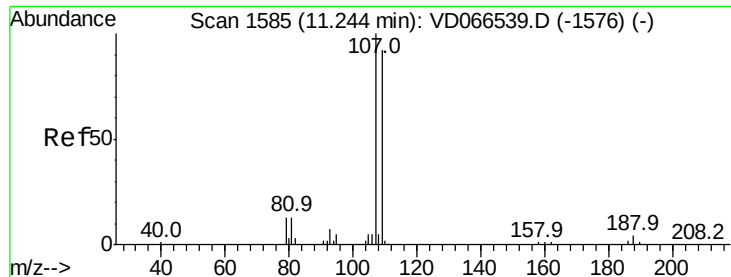
Tot Ion: 43 Resp: 169786
Ion Ratio Lower Upper
43 100
58 51.3 25.6 76.8



#60
Dibromochloromethane
Concen: 20.884 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion: 129 Resp: 87323
Ion Ratio Lower Upper
129 100
127 77.1 39.5 118.3

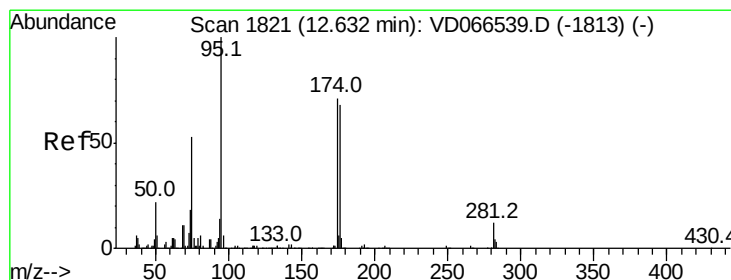
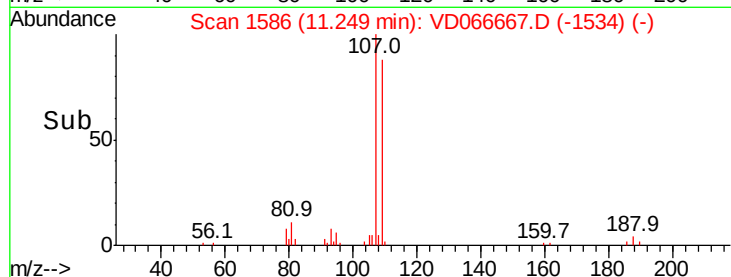
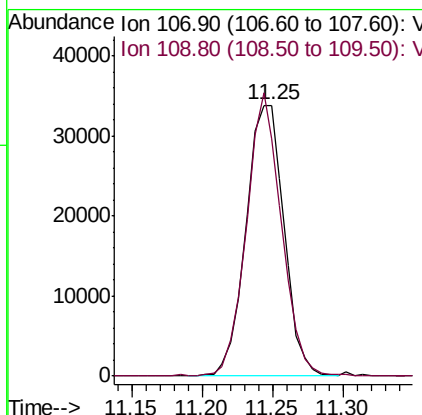
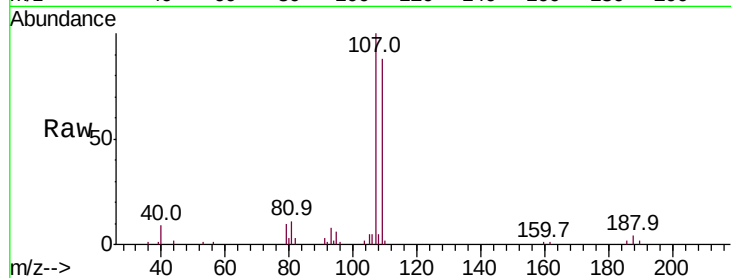




#61
 1,2-Dibromoethane
 Concen: 20.816 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

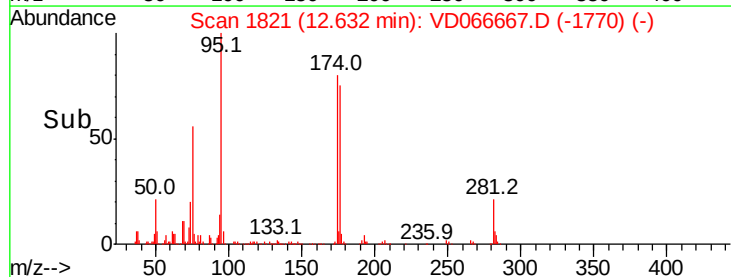
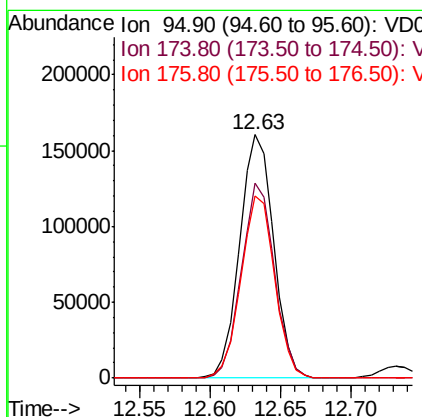
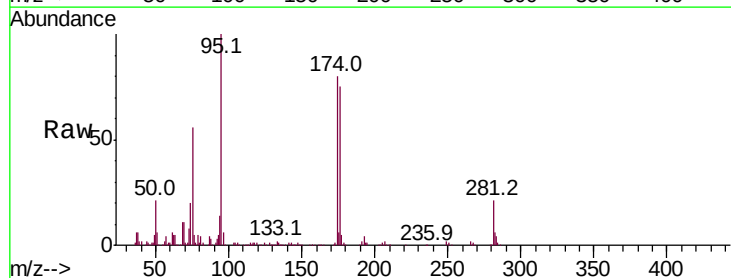
Instrument :
 MSVOA_D
 ClientSampleId :

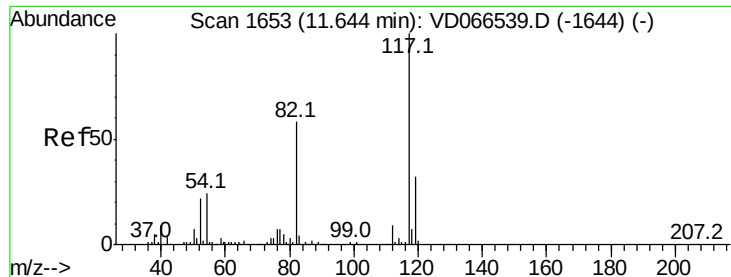
Tot Ion:107 Resp: 64037
 Ion Ratio Lower Upper
 107 100
 109 96.1 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 54.319 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion: 95 Resp: 270081
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 155.8
 176 74.5 0.0 148.6

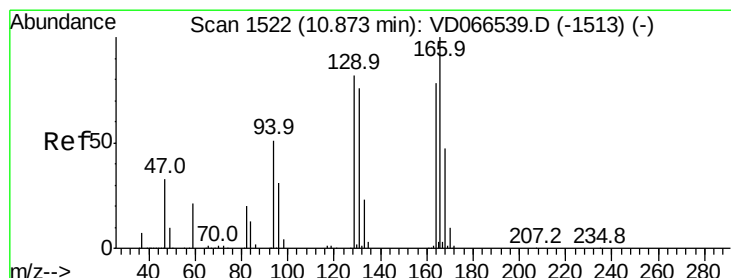
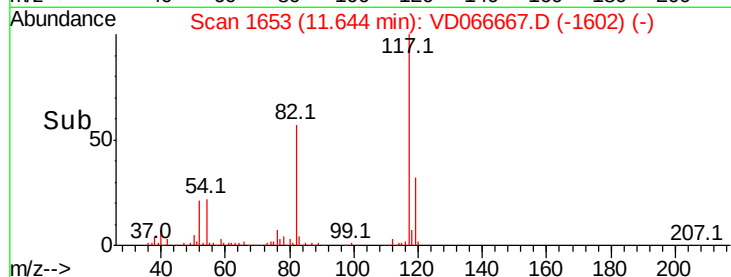
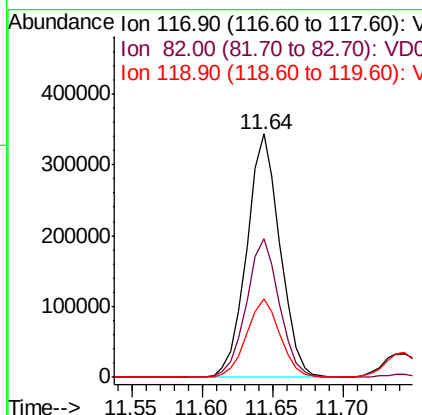
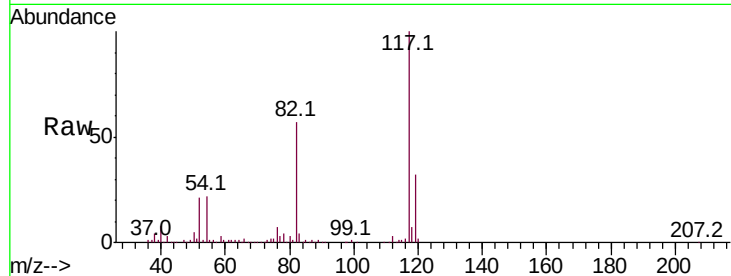




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

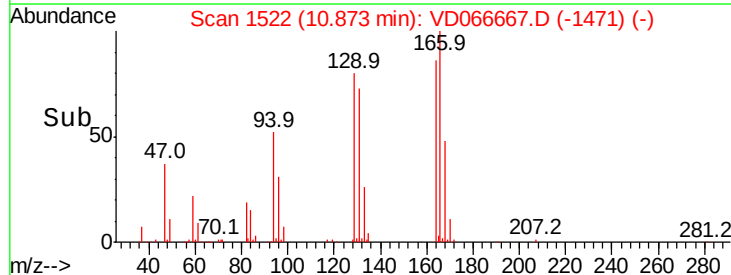
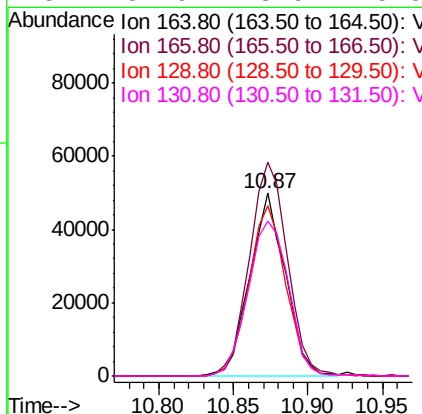
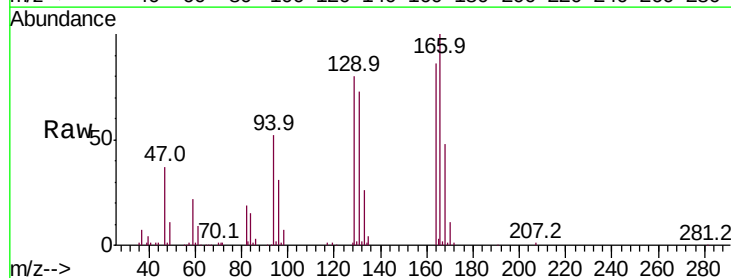
Instrument :
MSVOA_D
ClientSampleId :

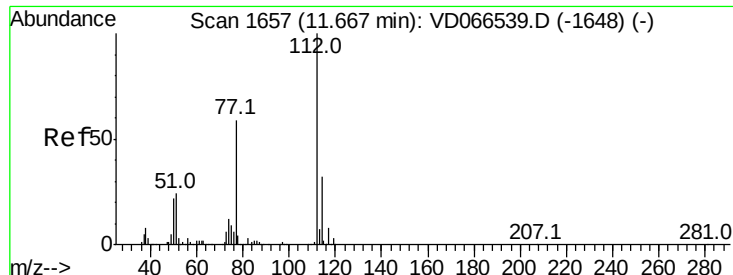
Tot Ion:117 Resp: 568950
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.2
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 21.489 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion:164 Resp: 82320
Ion Ratio Lower Upper
164 100
166 116.9 103.2 154.8
129 93.0 84.5 126.7
131 84.9 78.9 118.3





#65

Chlorobenzene

Concen: 20.887 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

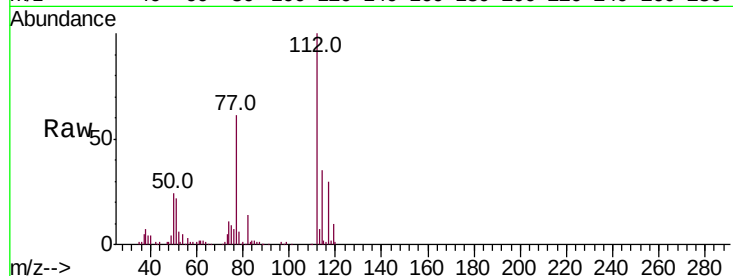
ClientSampleId :

Tot Ion:112 Resp: 245271

Ion Ratio Lower Upper

112 100

114 34.9 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

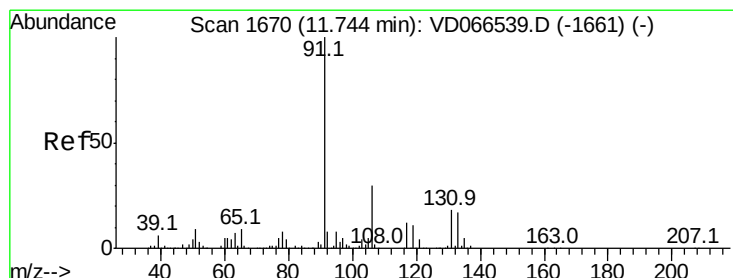
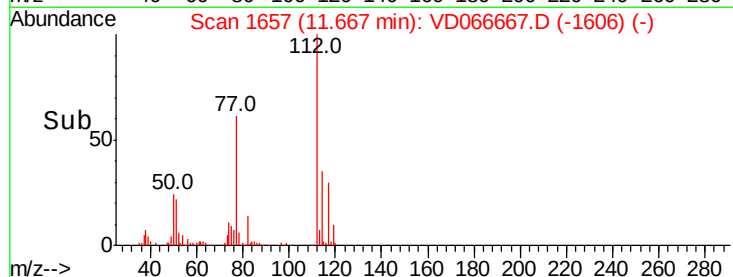
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.631 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

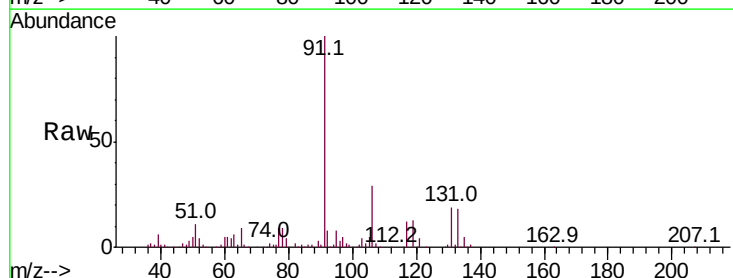
Tgt Ion:131 Resp: 92462

Ion Ratio Lower Upper

131 100

133 93.8 46.7 140.0

119 65.1 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

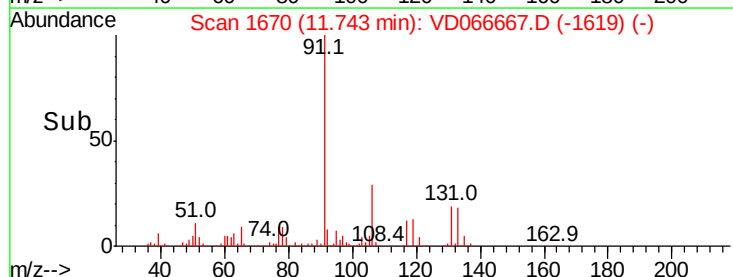
150000

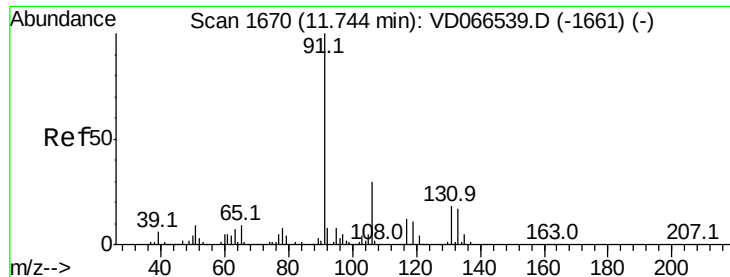
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 20.595 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

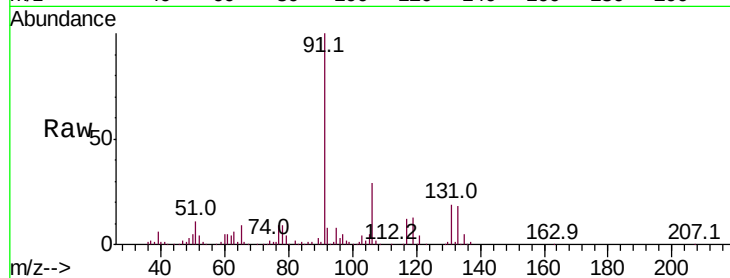
ClientSampled :

Tot Ion: 91 Resp: 444069

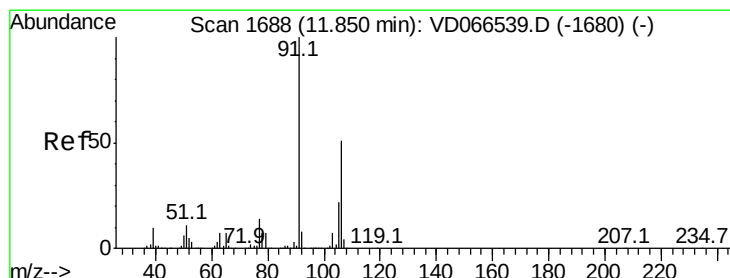
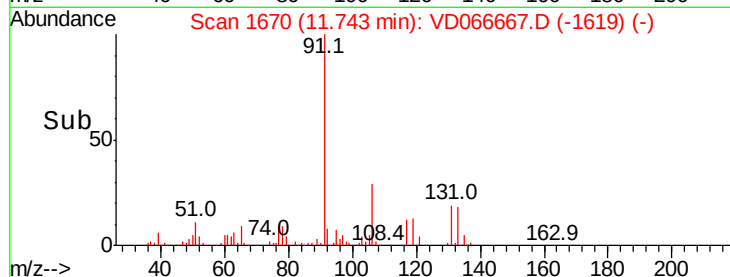
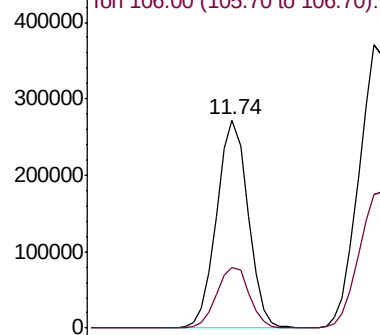
Ion Ratio Lower Upper

91 100

106 29.3 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 42.644 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066667.D

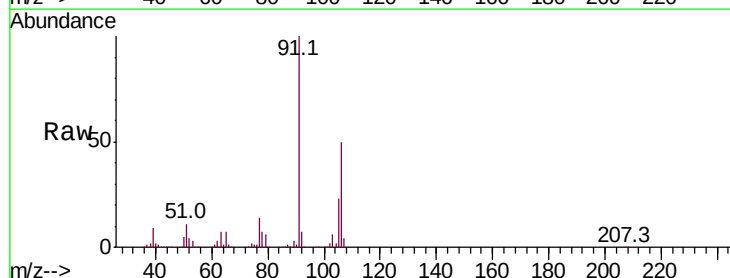
Acq: 14 Sep 2020 12:26

Tgt Ion:106 Resp: 341409

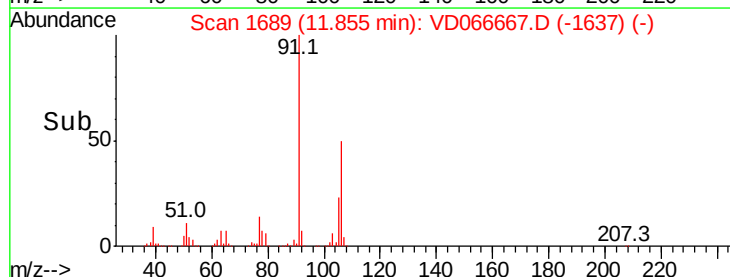
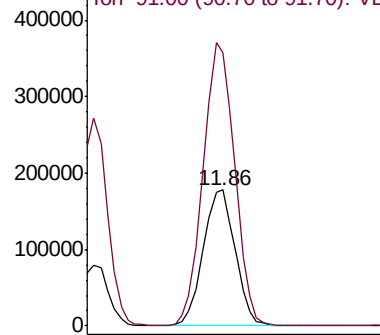
Ion Ratio Lower Upper

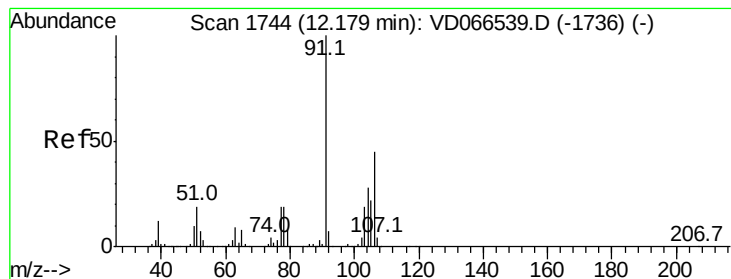
106 100

91 206.0 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): V





#69

o-Xylene

Concen: 21.260 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

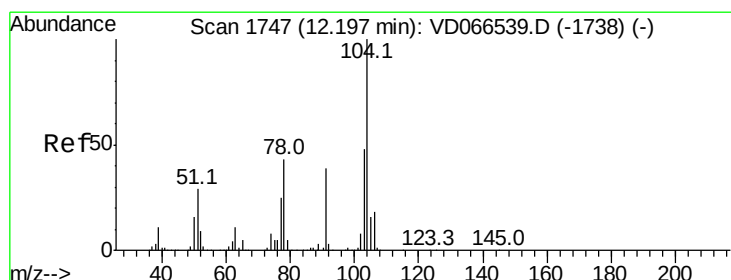
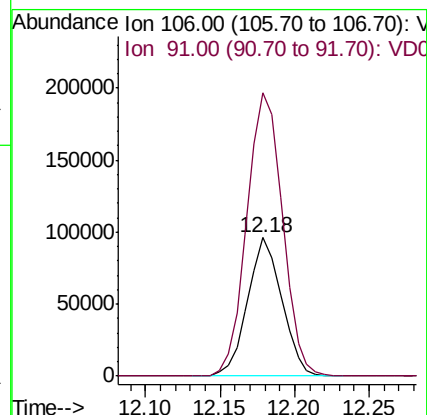
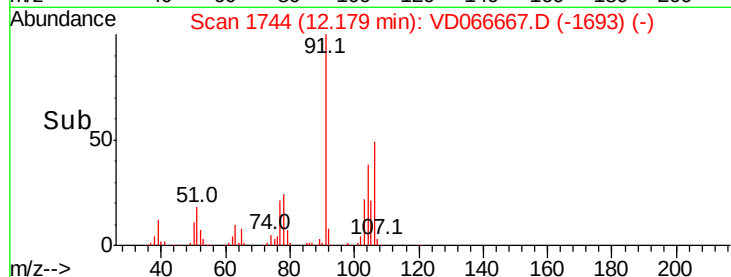
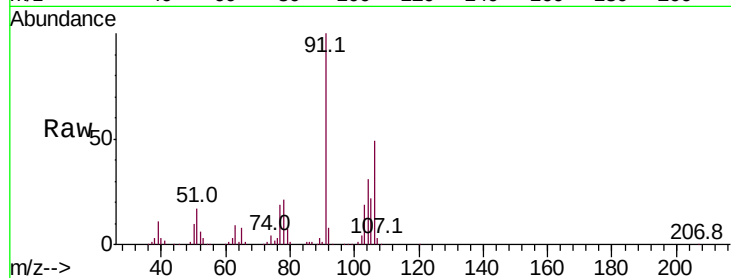
ClientSampled :

Tot Ion:106 Resp: 152536

Ion Ratio Lower Upper

106 100

91 213.7 107.9 323.8



#70

Styrene

Concen: 21.650 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

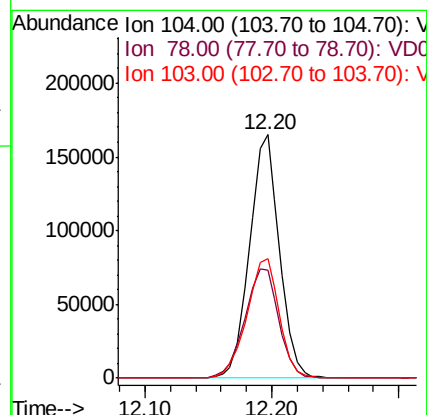
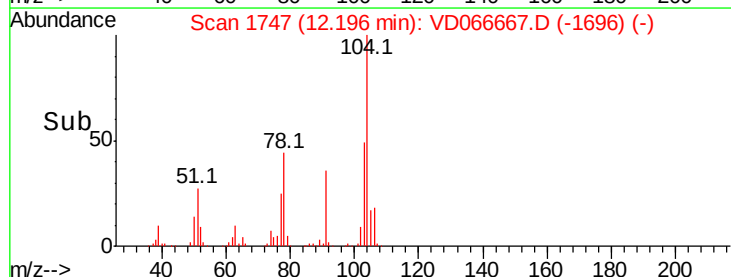
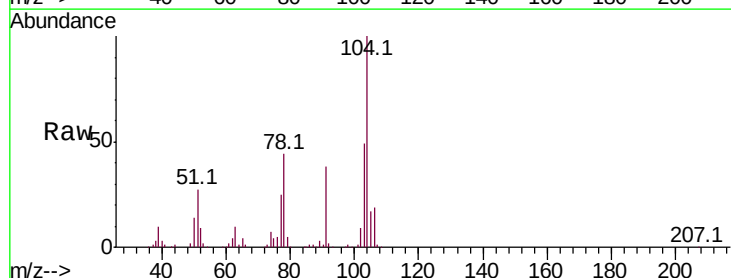
Tgt Ion:104 Resp: 270058

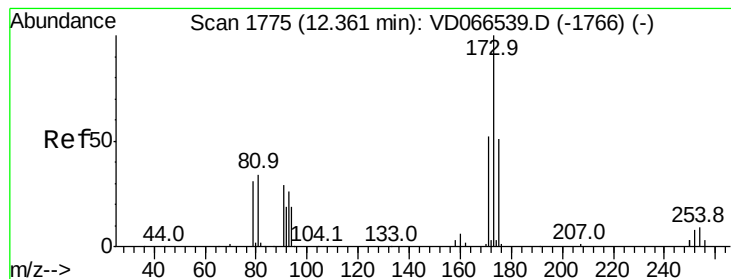
Ion Ratio Lower Upper

104 100

78 51.1 40.7 61.1

103 53.5 42.9 64.3





#71

Bromoform

Concen: 20.043 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

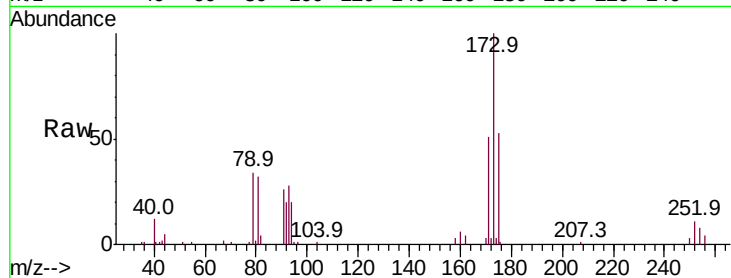
Tot Ion:173 Resp: 45268

Ion Ratio Lower Upper

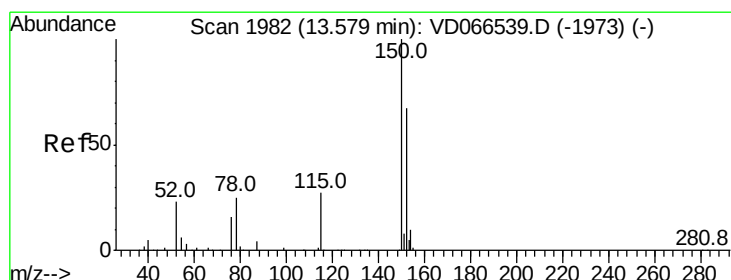
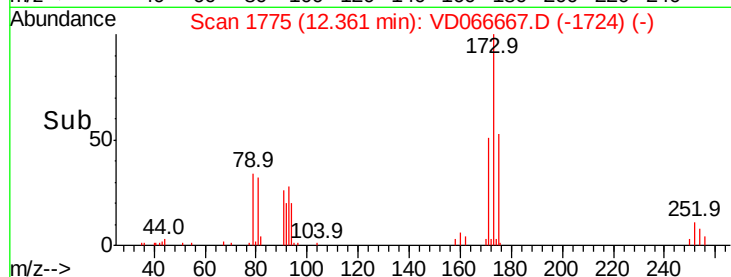
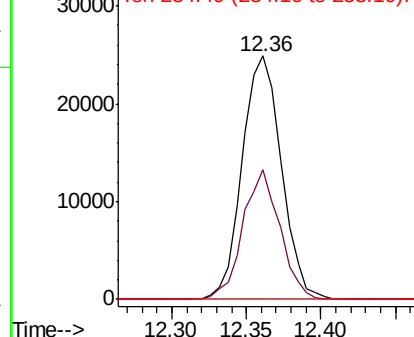
173 100

175 50.3 24.2 72.6

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: VD066667.D

Acq: 14 Sep 2020 12:26

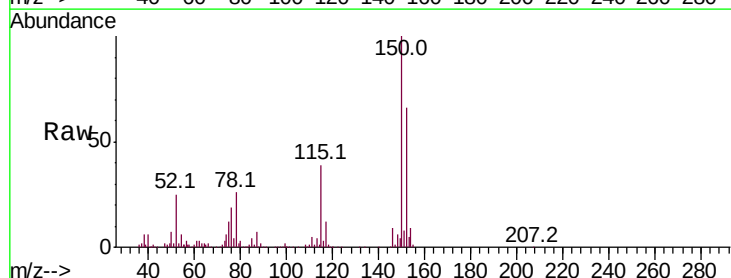
Tgt Ion:152 Resp: 267500

Ion Ratio Lower Upper

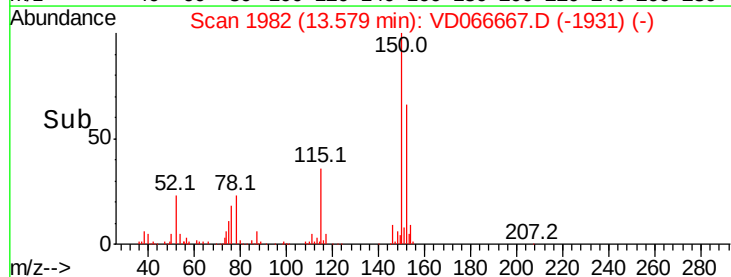
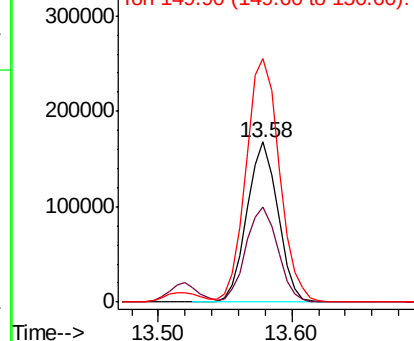
152 100

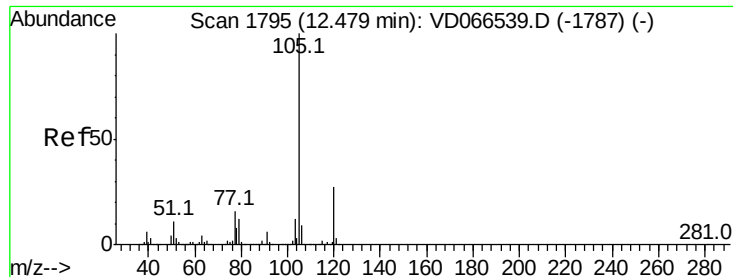
115 61.3 30.4 91.2

150 164.6 0.0 345.8



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: 20.839 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

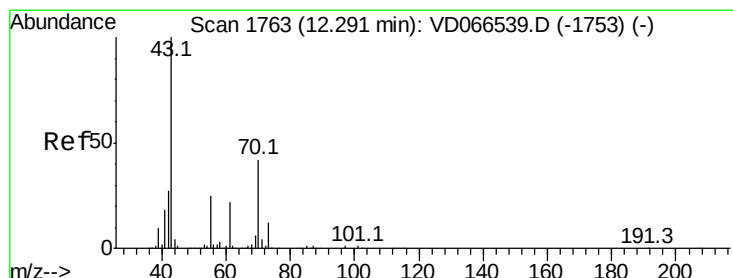
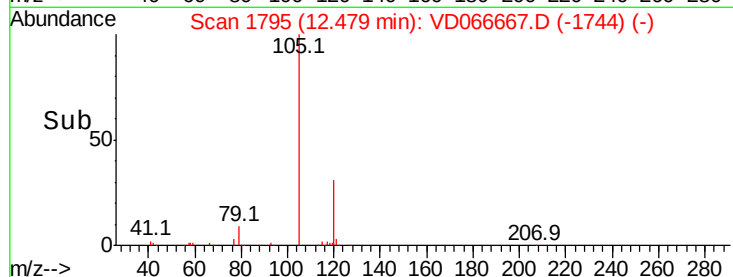
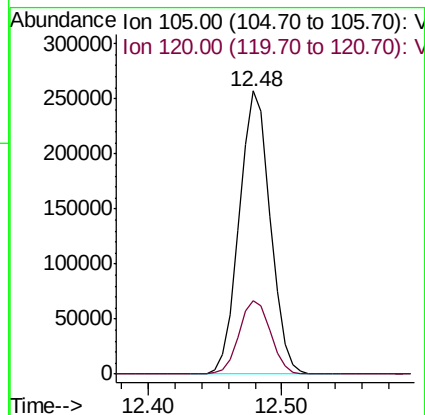
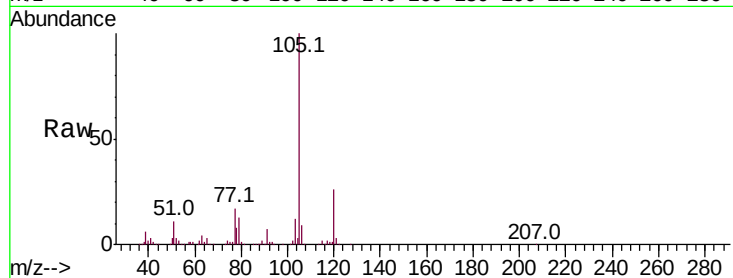
ClientSampled :

Tot Ion:105 Resp: 412733

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 19.579 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Tgt Ion: 43 Resp: 87824

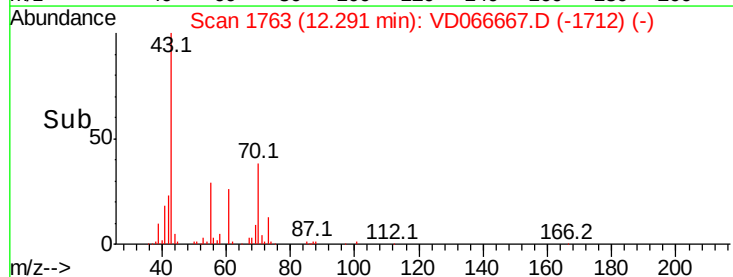
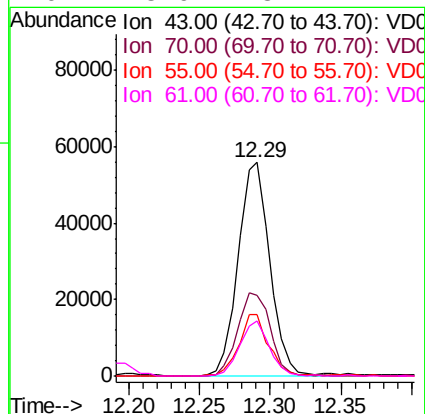
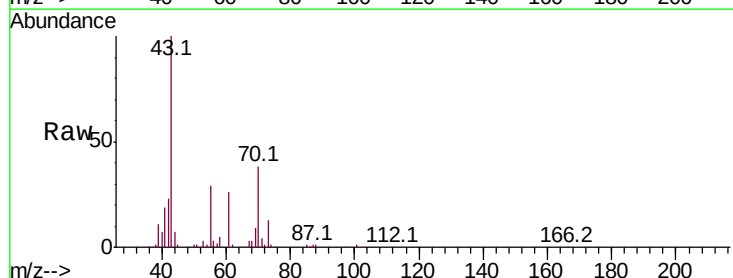
Ion Ratio Lower Upper

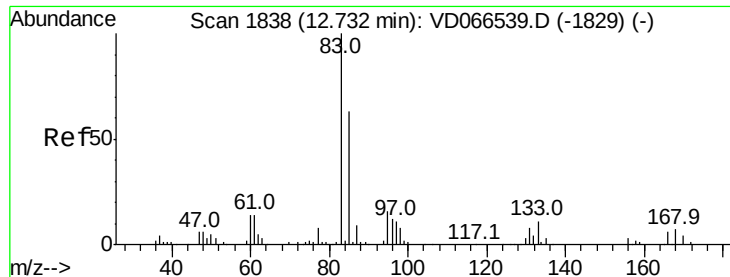
43 100

70 40.0 33.4 50.2

55 27.0 20.1 30.1

61 23.9 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.975 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

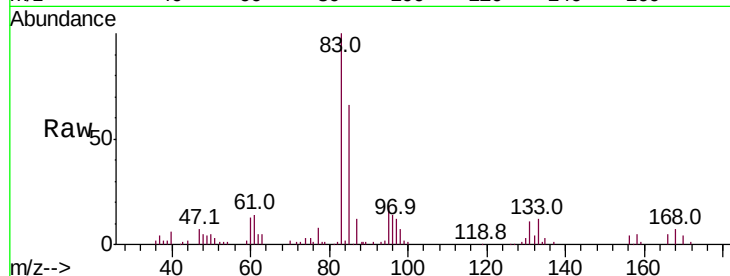
Tot Ion: 83 Resp: 73392

Ion Ratio Lower Upper

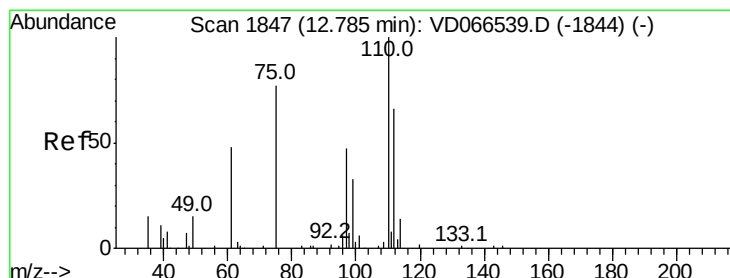
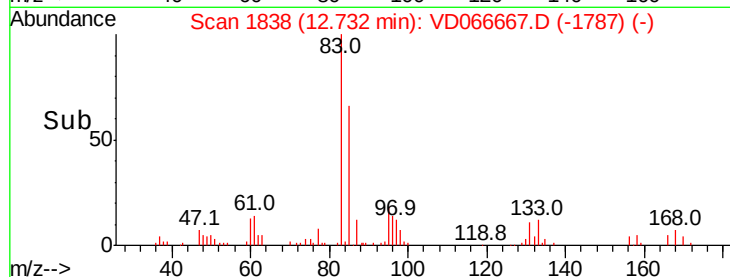
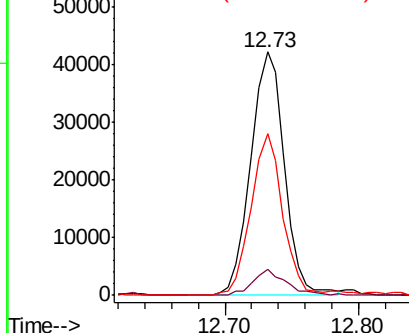
83 100

131 10.4 5.0 15.0

85 62.3 32.1 96.3



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: 37.549 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066667.D

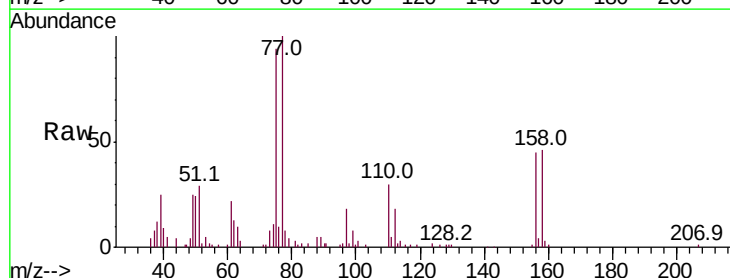
Acq: 14 Sep 2020 12:26

Tgt Ion: 75 Resp: 96599

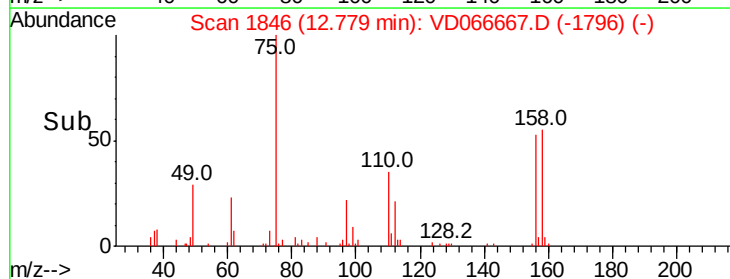
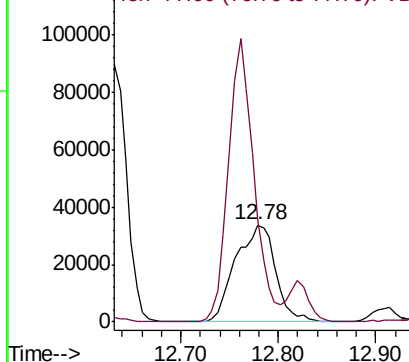
Ion Ratio Lower Upper

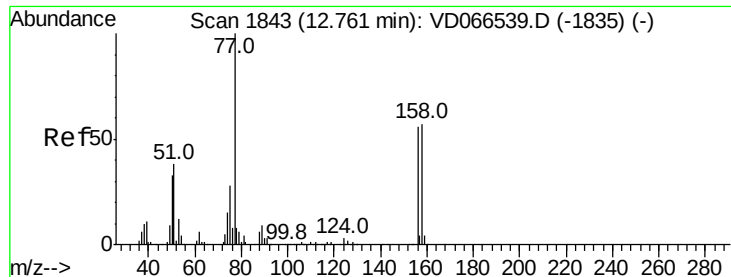
75 100

77 186.7 0.0 0.0#



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





#77

Bromobenzene

Concen: 21.849 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampled :

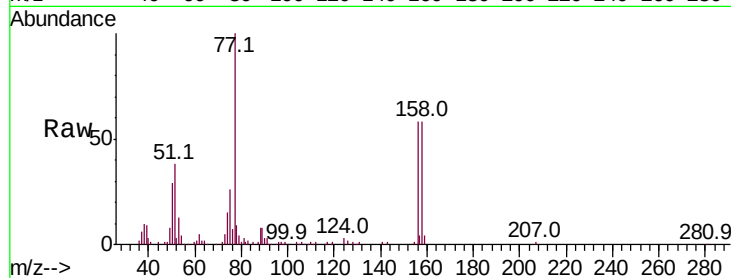
Tot Ion:156 Resp: 96475

Ion Ratio Lower Upper

156 100

77 187.0 98.0 294.1

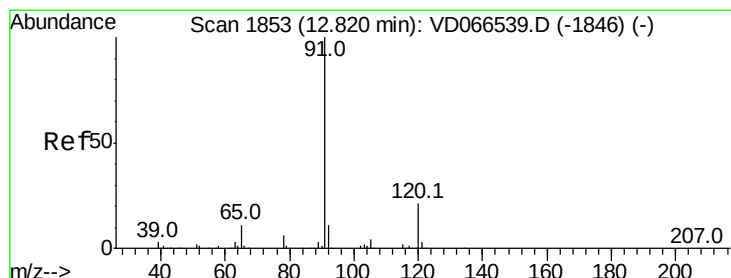
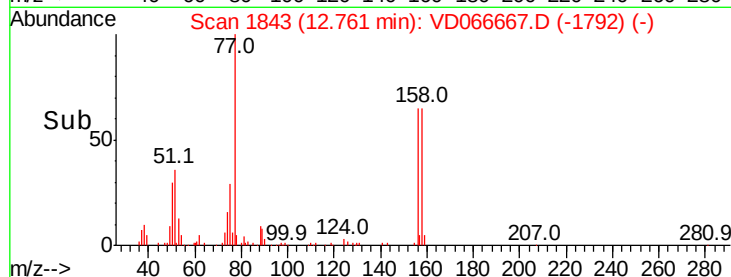
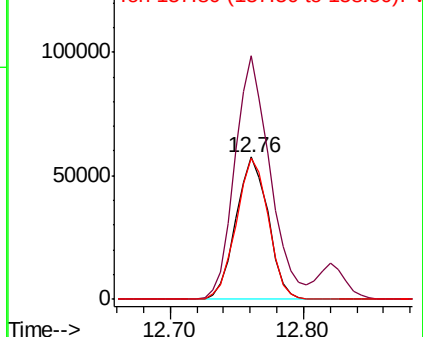
158 98.6 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.374 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066667.D

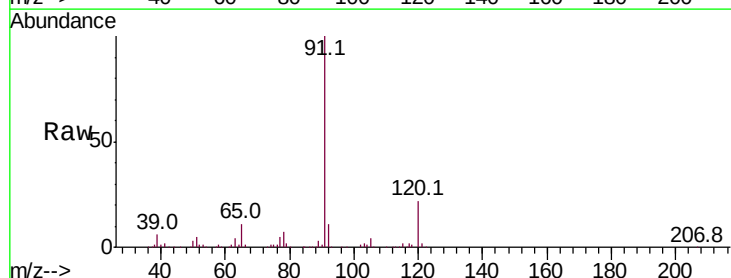
Acq: 14 Sep 2020 12:26

Tgt Ion: 91 Resp: 513177

Ion Ratio Lower Upper

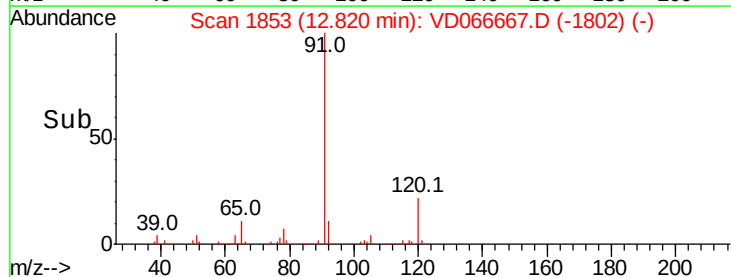
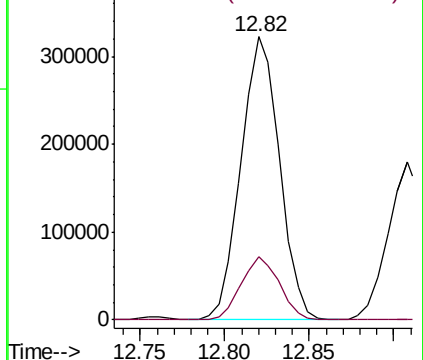
91 100

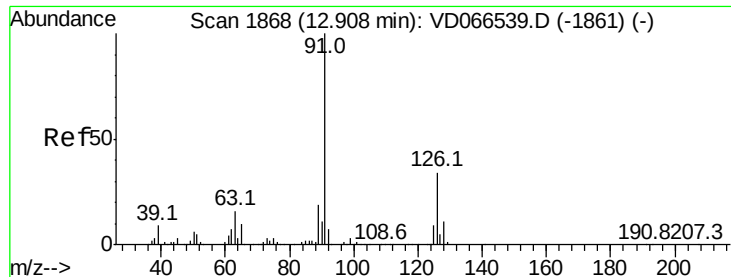
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.282 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

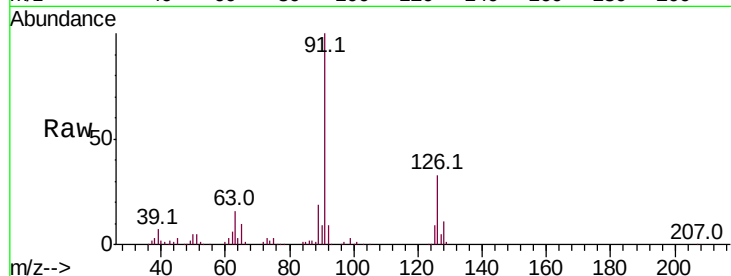
ClientSampleId :

Tot Ion: 91 Resp: 286650

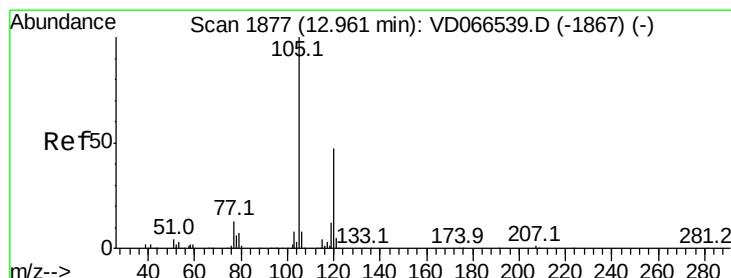
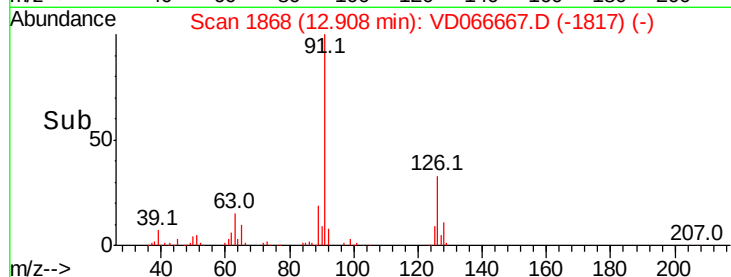
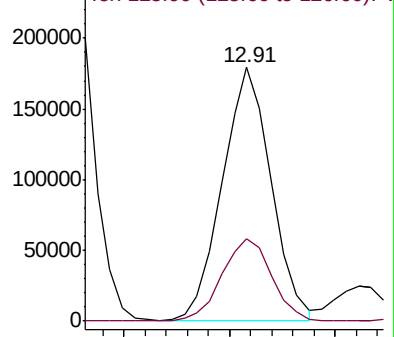
Ion Ratio Lower Upper

91 100

126 33.3 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 21.805 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066667.D

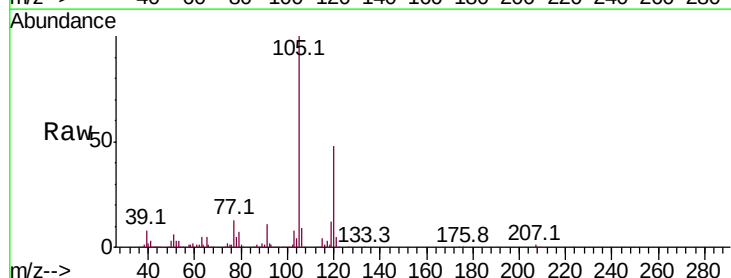
Acq: 14 Sep 2020 12:26

Tgt Ion:105 Resp: 363478

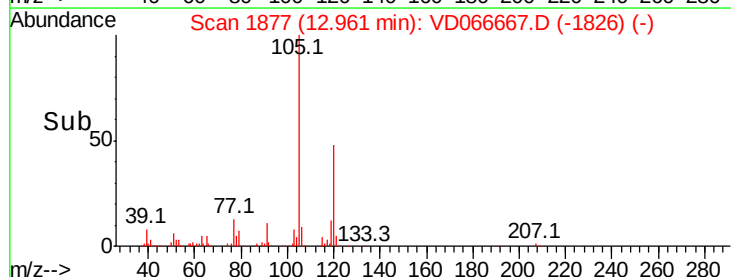
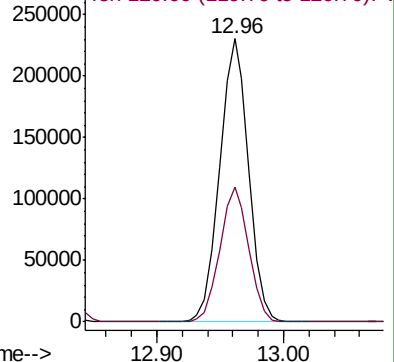
Ion Ratio Lower Upper

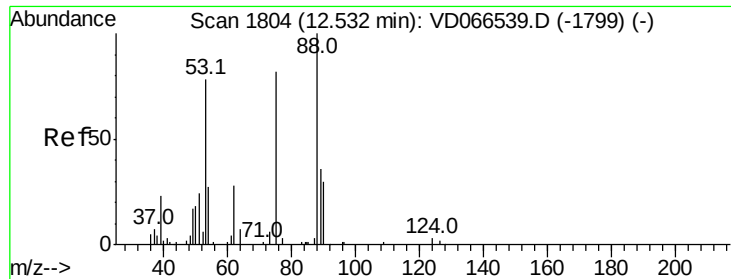
105 100

120 47.8 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.743 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

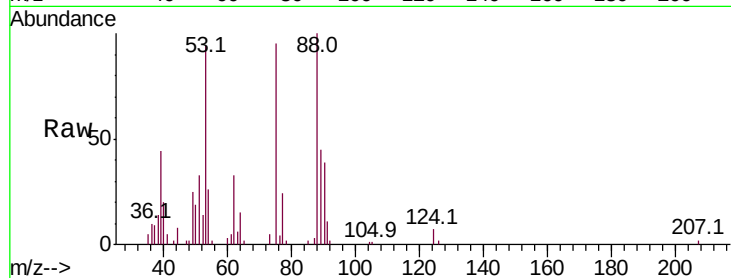
Tot Ion: 75 Resp: 22858

Ion Ratio Lower Upper

75 100

53 106.3 87.0 130.4

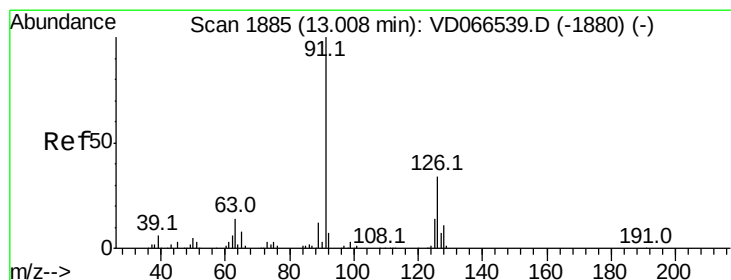
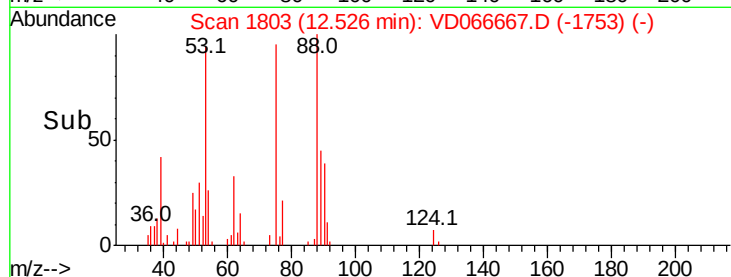
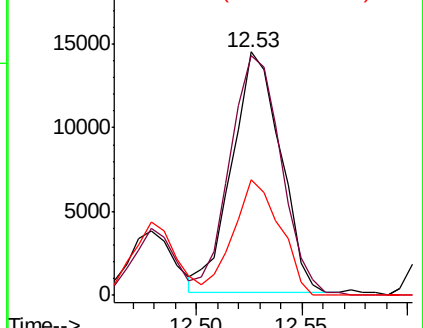
89 46.4 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 21.376 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066667.D

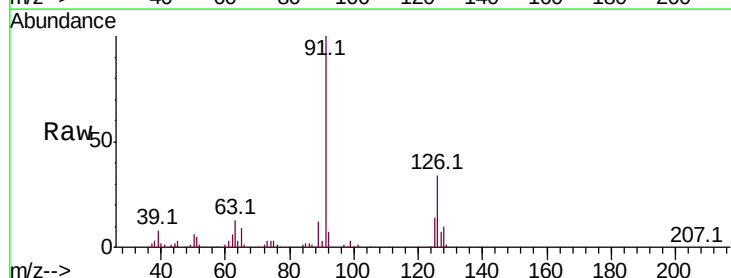
Acq: 14 Sep 2020 12:26

Tgt Ion: 91 Resp: 307891

Ion Ratio Lower Upper

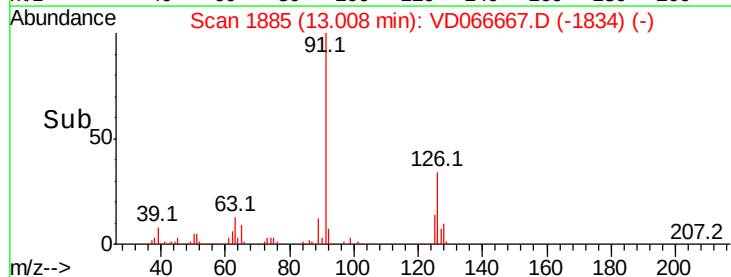
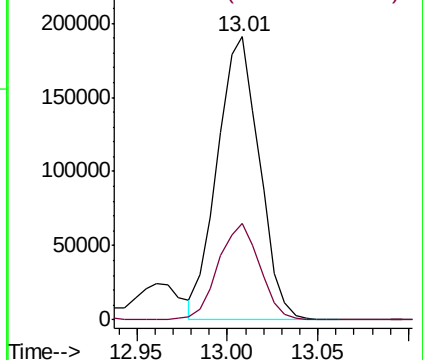
91 100

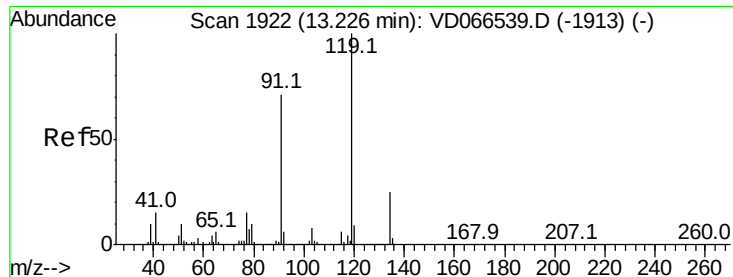
126 33.8 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

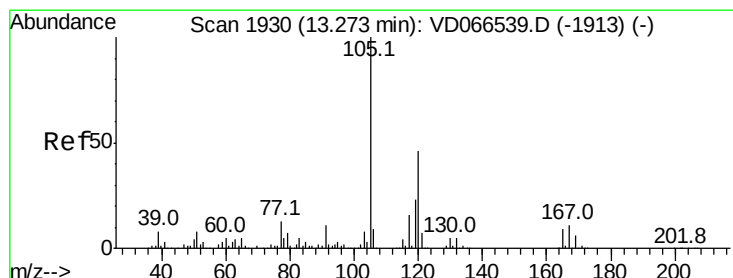
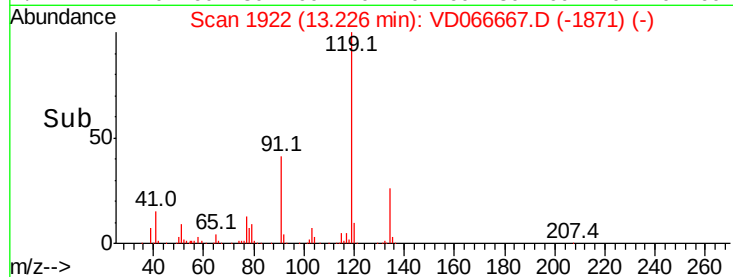
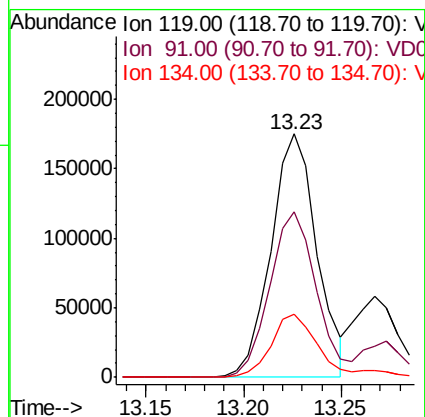
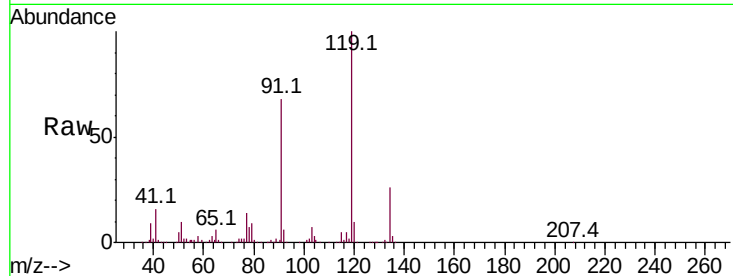




#83
 tert-Butylbenzene
 Concen: 20.936 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

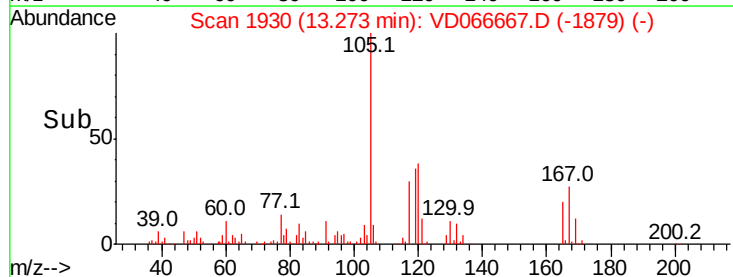
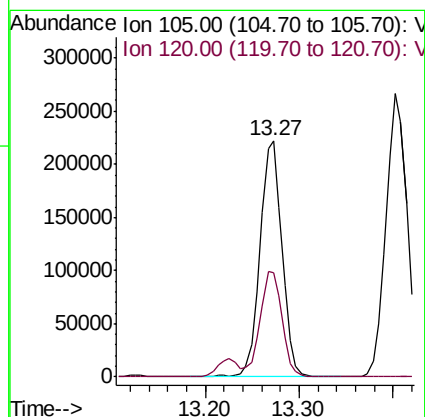
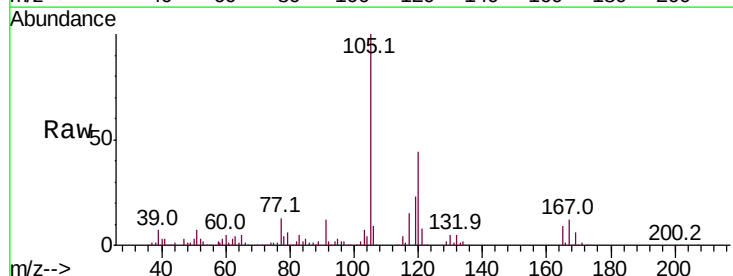
Instrument :
 MSVOA_D
 ClientSampleId :

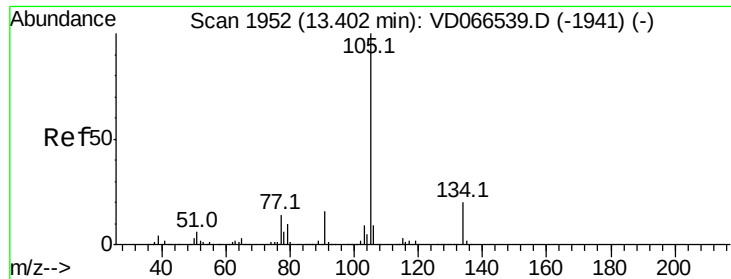
Tot Ion:119 Resp: 284998
 Ion Ratio Lower Upper
 119 100
 91 69.5 35.2 105.6
 134 25.6 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.627 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion:105 Resp: 358929
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 21.178 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

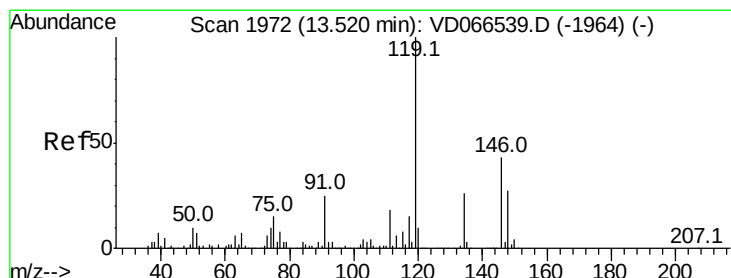
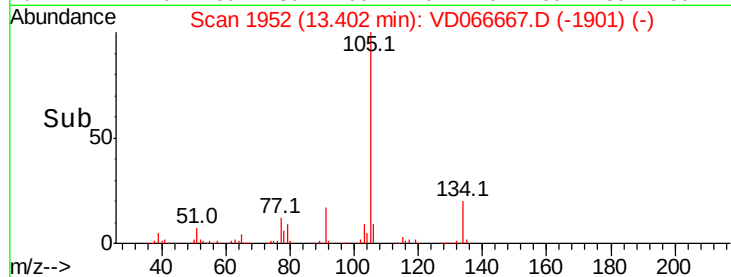
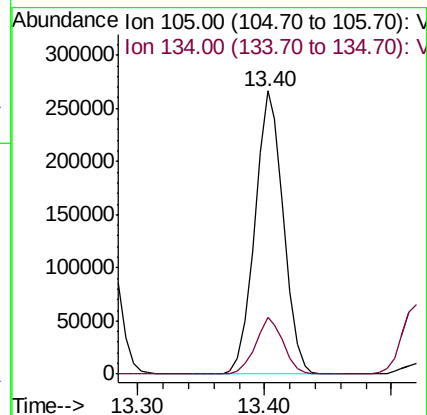
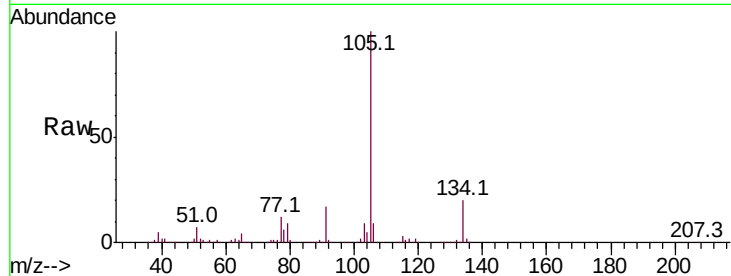
ClientSampled :

Tot Ion:105 Resp: 415345

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 21.515 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

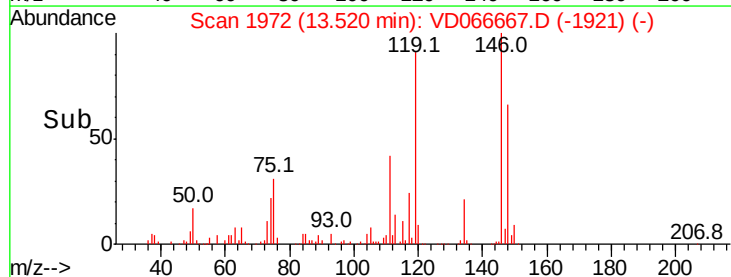
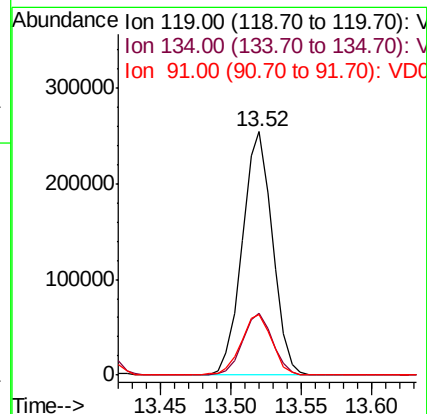
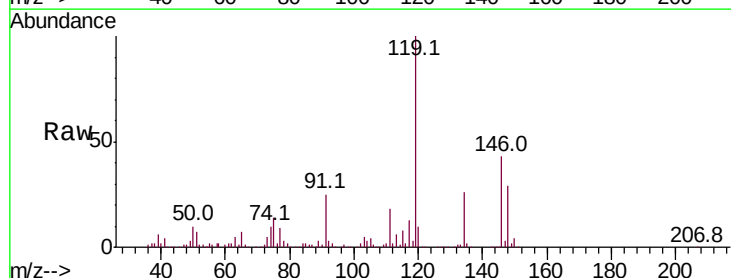
Tgt Ion:119 Resp: 379780

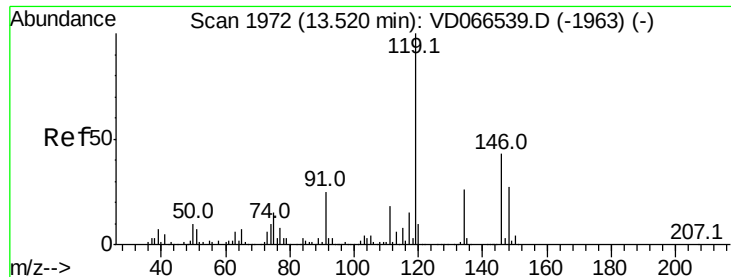
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

91 25.1 12.5 37.5

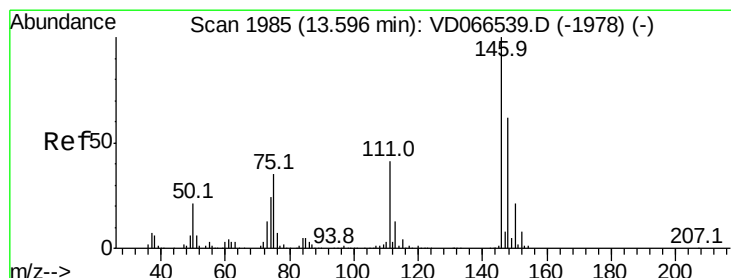
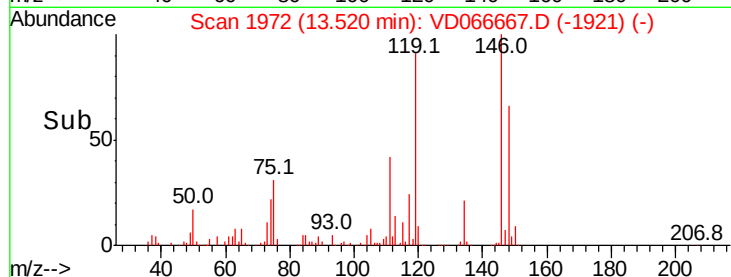
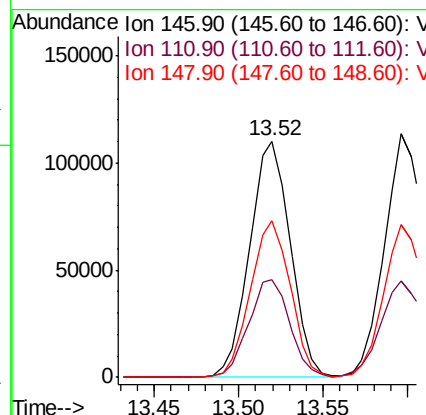
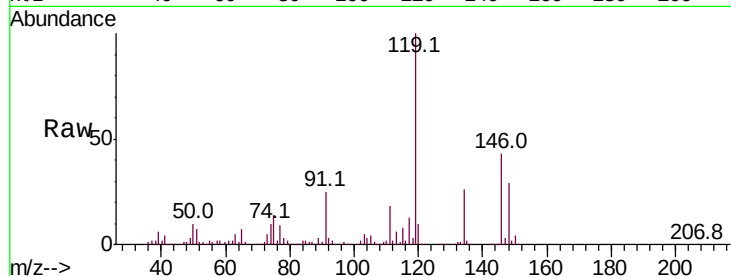




#87
 1,3-Dichlorobenzene
 Concen: 21.102 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

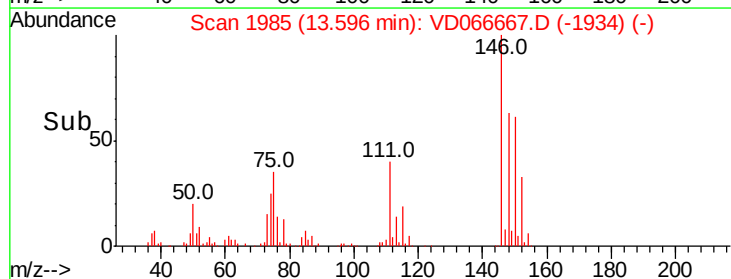
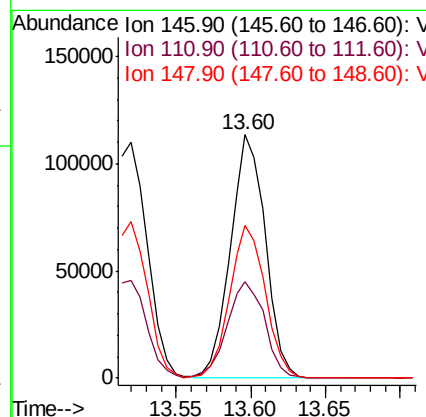
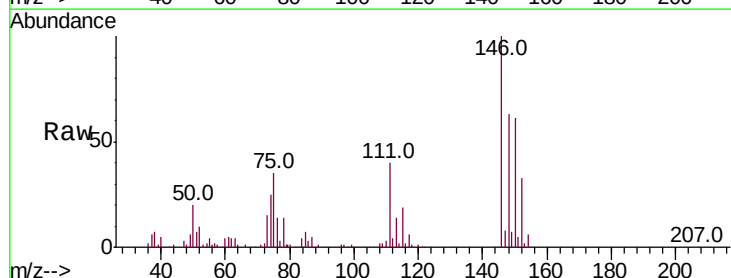
Instrument :
 MSVOA_D
 ClientSampleId :

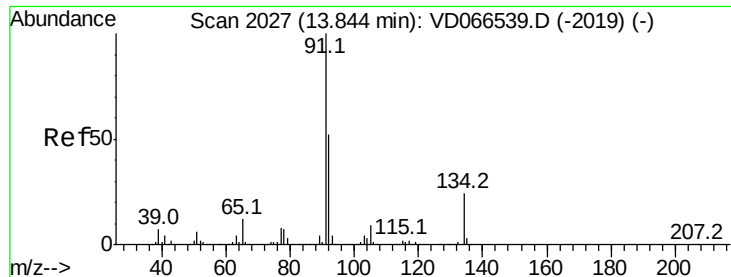
Tot Ion:146 Resp: 184981
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.6 61.9
 148 65.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.037 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion:146 Resp: 185089
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.1 60.2
 148 64.4 31.6 94.8

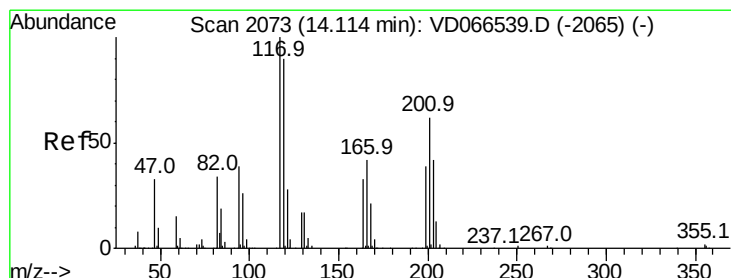
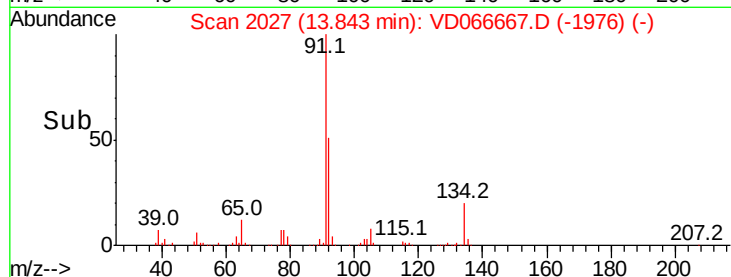
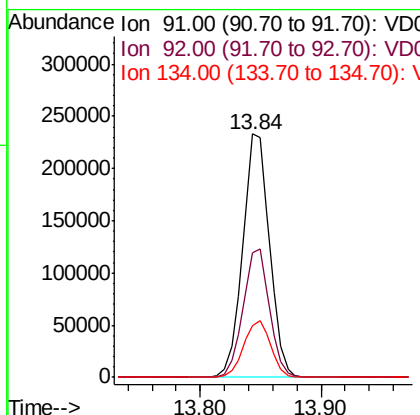
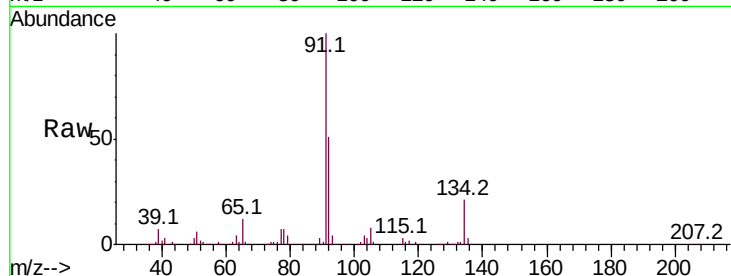




#89
n-Butylbenzene
Concen: 21.041 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

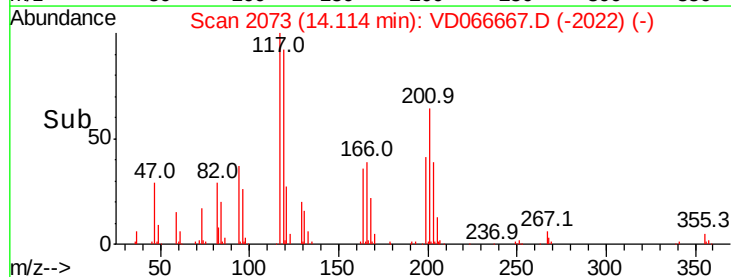
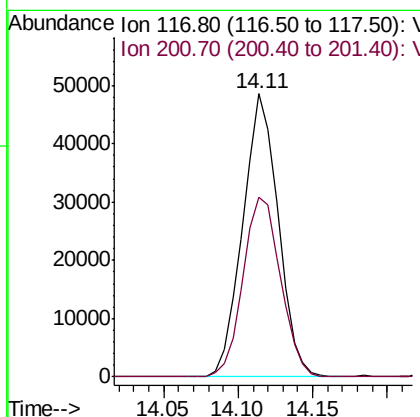
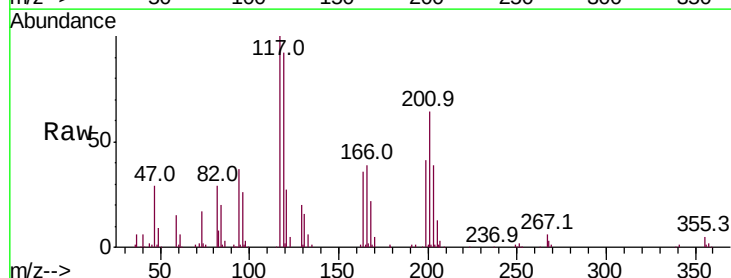
Instrument :
MSVOA_D
ClientSampleId :

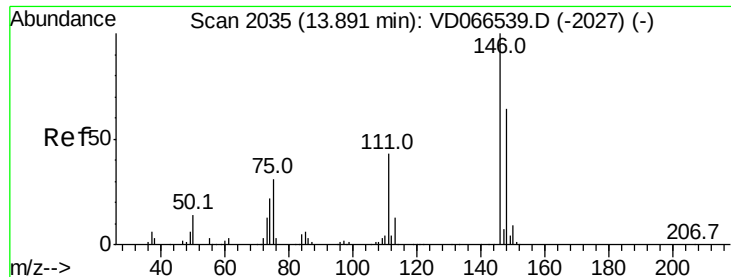
Tot Ion: 91 Resp: 361947
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 23.5 12.1 36.3



#90
Hexachloroethane
Concen: 20.954 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion: 117 Resp: 79700
Ion Ratio Lower Upper
117 100
201 67.1 31.9 95.5

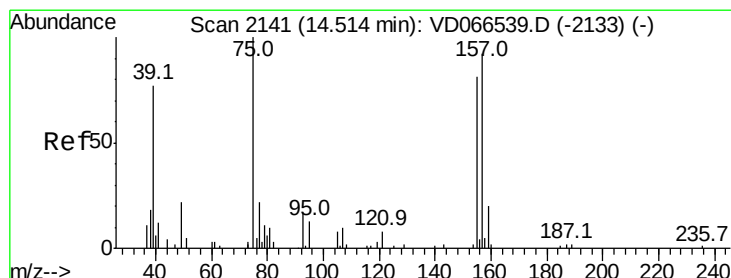
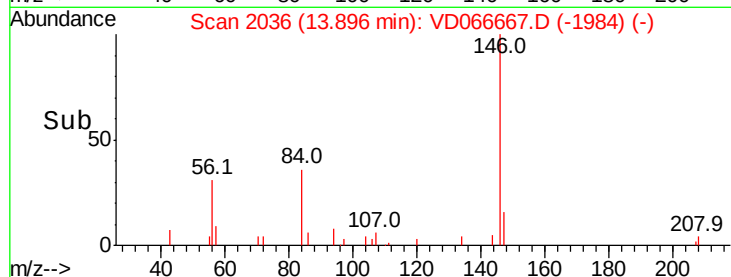
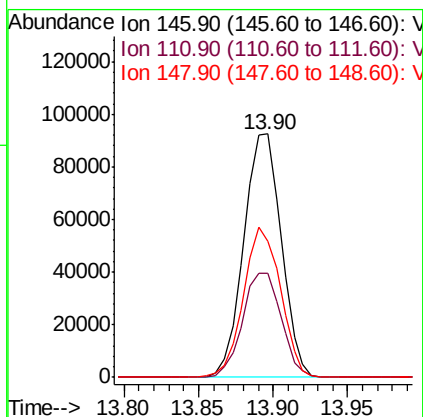
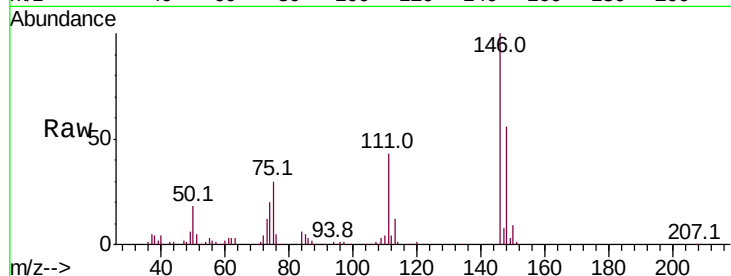




#91
 1,2-Dichlorobenzene
 Concen: 21.026 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

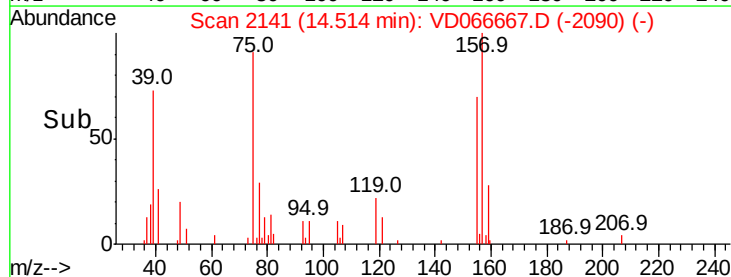
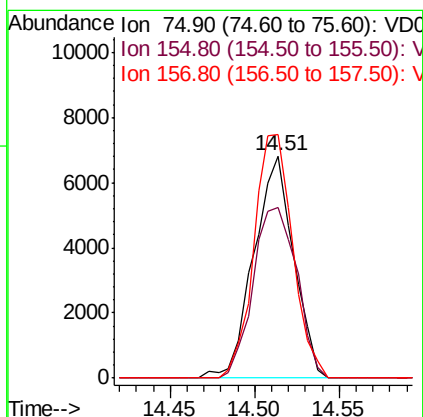
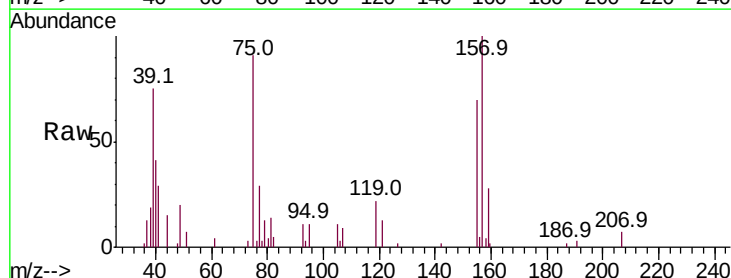
Instrument :
 MSVOA_D
 ClientSampled :

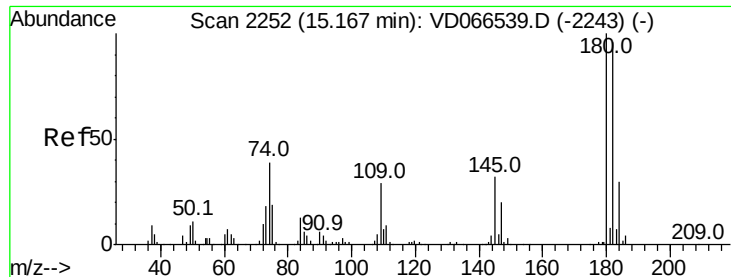
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.1	63.4
148	60.8	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.798 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	39.3	117.8
157	106.8	46.0	137.8

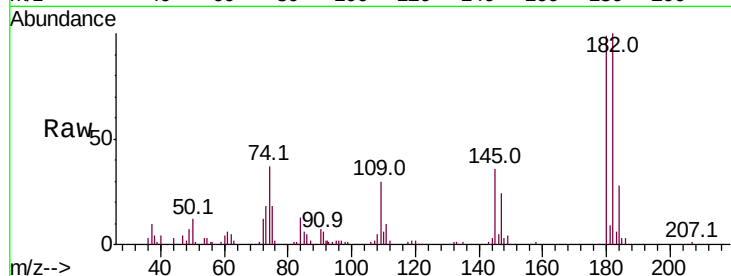




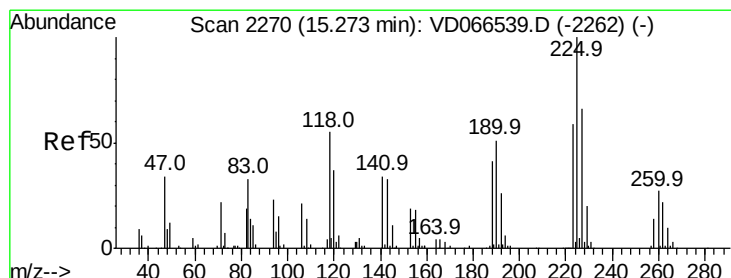
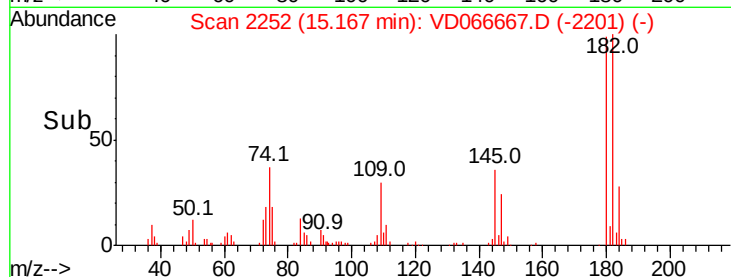
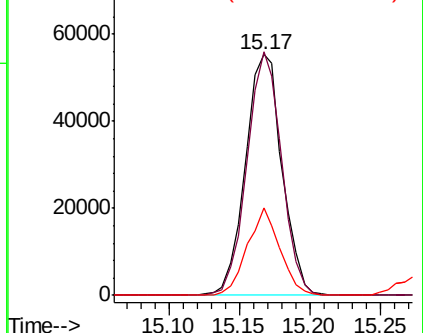
#93
 1,2,4-Trichlorobenzene
 Concen: 21.906 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.4	145.0
145	32.2	16.7	50.0

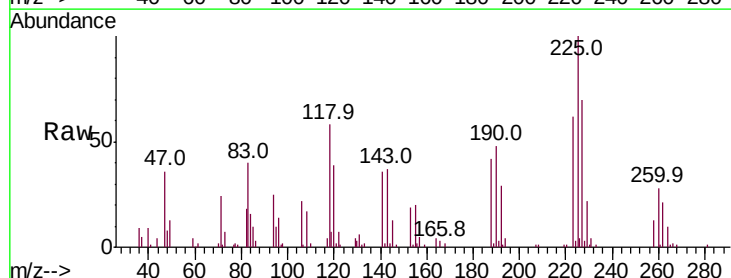


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

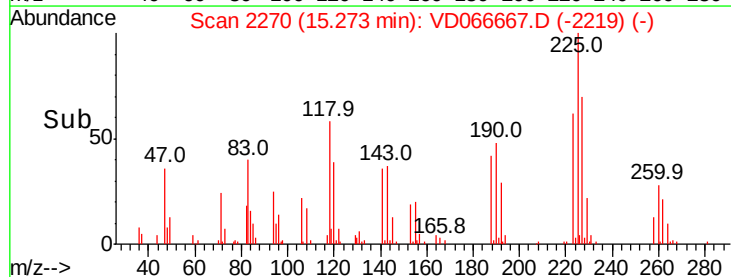
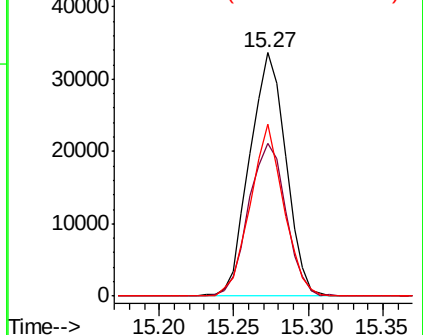


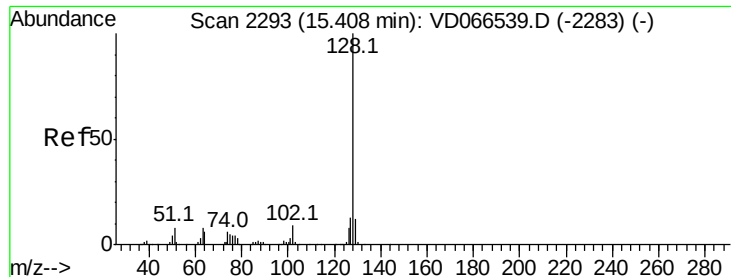
#94
 Hexachlorobutadiene
 Concen: 20.483 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	30.5	91.5
227	65.2	32.4	97.2



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





#95

Naphthalene

Concen: 20.802 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

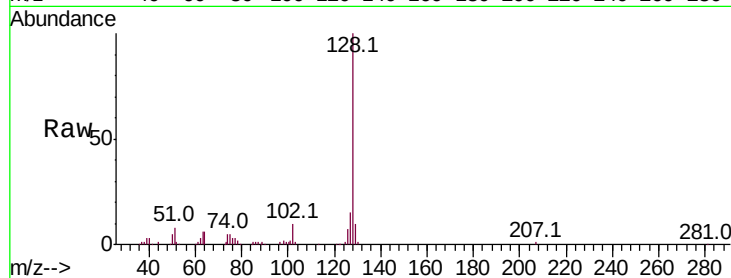
Tot Ion:128 Resp: 167148

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

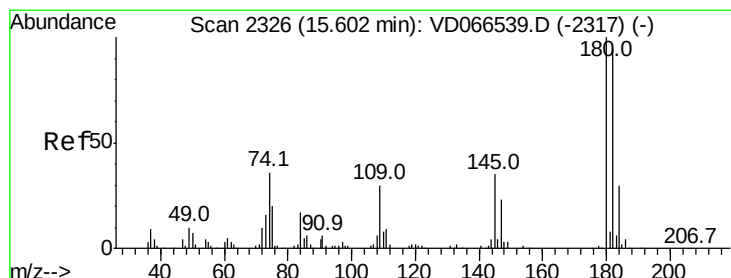
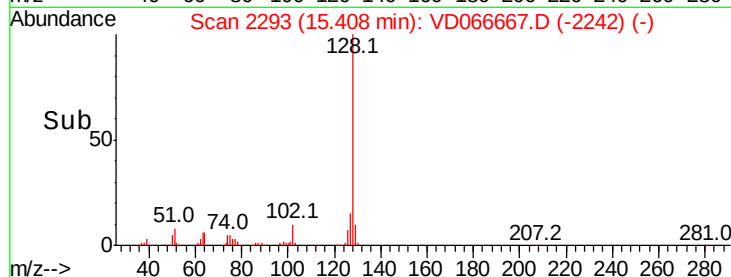
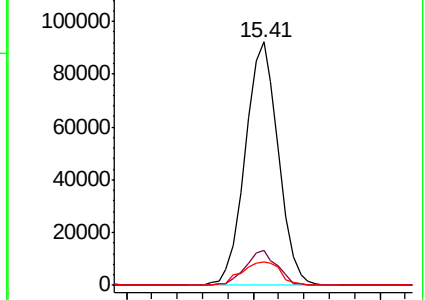
129 11.4 9.1 13.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.827 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

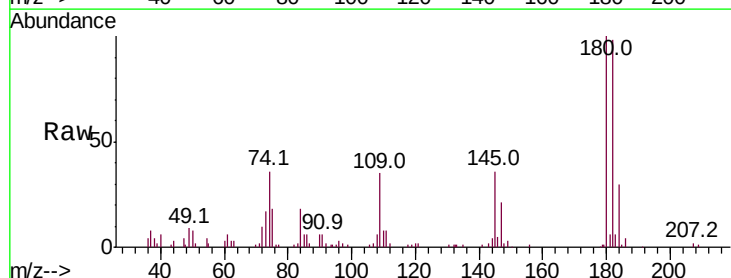
Tgt Ion:180 Resp: 85569

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.6

145 35.9 17.3 51.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

