

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066556.D
 Acq On : 04 Sep 2020 12:05
 Operator : VA/SY
 Sample : VD0904SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

Quant Time: Sep 05 03:45:49 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	7.97	168	364665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	608662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	552793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	233007	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
35) Dibromofluoromethane	7.91	113	216149	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	10.34	98	800734	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.63	95	259599	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	75136	22.807	ug/l	91
3) Chloromethane	2.20	50	99163	21.502	ug/l	98
4) Vinyl Chloride	2.35	62	111661	21.830	ug/l	97
5) Bromomethane	2.76	94	73871	20.126	ug/l	85
6) Chloroethane	2.92	64	69796	21.484	ug/l	99
7) Trichlorofluoromethane	3.27	101	161918	21.429	ug/l	100
8) Diethyl Ether	3.71	74	36324	19.090	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	87106	21.300	ug/l	98
10) Methyl Iodide	4.30	142	71361	21.615	ug/l	98
11) Tert butyl alcohol	5.21	59	35410	101.297	ug/l	97
12) 1,1-Dichloroethene	4.06	96	79991	21.772	ug/l	98
13) Acrolein	3.92	56	17639	97.775	ug/l	92
14) Allyl chloride	4.71	41	120707	20.047	ug/l	97
15) Acrylonitrile	5.42	53	83298	101.910	ug/l	99
16) Acetone	4.16	43	87263	107.491	ug/l	91
17) Carbon Disulfide	4.40	76	256869	21.267	ug/l	100
18) Methyl Acetate	4.71	43	38286	19.784	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	168302	19.534	ug/l	95
20) Methylene Chloride	4.97	84	103974	19.458	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	90081	20.647	ug/l	96
22) Diisopropyl ether	6.36	45	260160	21.011	ug/l #	96
23) Vinyl Acetate	6.30	43	727838	103.293	ug/l	100
24) 1,1-Dichloroethane	6.26	63	161576	20.750	ug/l	99
25) 2-Butanone	7.21	43	110751	101.628	ug/l	94
26) 2,2-Dichloropropane	7.20	77	149051	20.868	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	96548	20.578	ug/l	100
28) Bromochloromethane	7.54	49	55134	18.391	ug/l	99
29) Tetrahydrofuran	7.56	42	69782	102.817	ug/l	96
30) Chloroform	7.71	83	169699	20.600	ug/l	89
31) Cyclohexane	7.98	56	151162	21.001	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	159392	20.580	ug/l	97
36) 1,1-Dichloropropene	8.11	75	132911	20.983	ug/l	100
37) Ethyl Acetate	7.29	43	52934	20.986	ug/l	100
38) Carbon Tetrachloride	8.09	117	141510	21.136	ug/l	95

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 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	148156	20.946	ug/l	98
40) Benzene	8.35	78	360950	20.806	ug/l	93
41) Methacrylonitrile	7.52	41	24713	20.241	ug/l #	63
42) 1,2-Dichloroethane	8.42	62	112479	20.011	ug/l	100
43) Isopropyl Acetate	8.45	43	93530	19.350	ug/l	98
44) Trichloroethene	9.11	130	93092	20.457	ug/l	95
45) 1,2-Dichloropropane	9.38	63	91173	20.898	ug/l	95
46) Dibromomethane	9.47	93	47284	19.644	ug/l	99
47) Bromodichloromethane	9.66	83	131474	20.189	ug/l	95
48) Methyl methacrylate	9.45	41	47229	19.323	ug/l	96
49) 1,4-Dioxane	9.46	88	11195	423.947	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	244743	100.396	ug/l	97
52) Toluene	10.40	92	227112	20.681	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	119235	20.741	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	143945	20.851	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	63892	20.645	ug/l	98
56) Ethyl methacrylate	10.66	69	70121	19.460	ug/l	95
57) 1,3-Dichloropropane	10.94	76	108692	20.051	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	186338	113.057	ug/l	100
59) 2-Hexanone	10.98	43	162394	99.059	ug/l	98
60) Dibromochloromethane	11.14	129	81967	20.029	ug/l	98
61) 1,2-Dibromoethane	11.24	107	60894	20.225	ug/l	99
64) Tetrachloroethene	10.87	164	77790	20.900	ug/l	92
65) Chlorobenzene	11.67	112	235883	20.675	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	87555	20.107	ug/l	98
67) Ethyl Benzene	11.74	91	419999	20.048	ug/l	98
68) m/p-Xylenes	11.85	106	322278	41.431	ug/l	97
69) o-Xylene	12.18	106	135802	19.481	ug/l	95
70) Styrene	12.20	104	248271	20.485	ug/l	99
71) Bromoform	12.36	173	44696	20.368	ug/l #	99
73) Isopropylbenzene	12.48	105	400882	21.299	ug/l	99
74) N-amyl acetate	12.29	43	83032	19.478	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	69228	20.820	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	90991	37.218	ug/l #	100
77) Bromobenzene	12.76	156	86027	20.501	ug/l	99
78) n-propylbenzene	12.82	91	490346	21.491	ug/l	100
79) 2-Chlorotoluene	12.91	91	270732	21.151	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	344736	21.761	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	20821	19.883	ug/l	99
82) 4-Chlorotoluene	13.01	91	291969	21.330	ug/l	99
83) tert-Butylbenzene	13.23	119	274096	21.188	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	336634	21.344	ug/l	97
85) sec-Butylbenzene	13.40	105	397106	21.306	ug/l	99
86) p-Isopropyltoluene	13.52	119	359849	21.451	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	175332	21.047	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	173254	20.721	ug/l	99
89) n-Butylbenzene	13.85	91	344027	21.045	ug/l	99
90) Hexachloroethane	14.11	117	72248	19.988	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	147818	20.301	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9159	16.215	ug/l	84

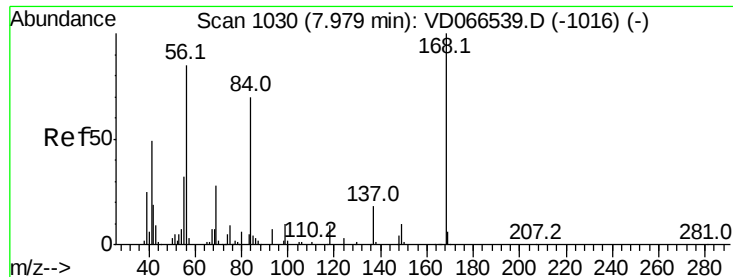
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090420\
Data File : VD066556.D
Acq On : 04 Sep 2020 12:05
Operator : VA/SY
Sample : VD0904SBS01
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	85960	19.671	ug/l	98
94) Hexachlorobutadiene	15.27	225	53993	20.566	ug/l	96
95) Naphthalene	15.41	128	146791	19.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	77770	20.874	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

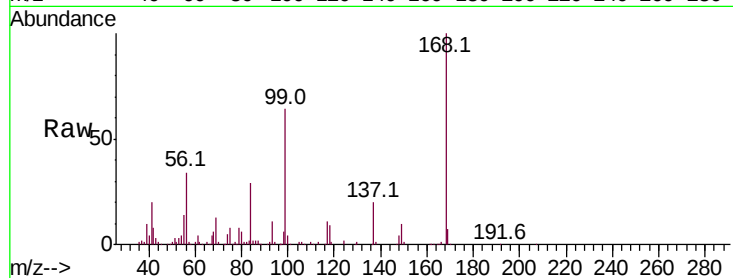
VD0904SBS01

Tot Ion:168 Resp: 364665

Ion Ratio Lower Upper

168 100

99 63.6 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

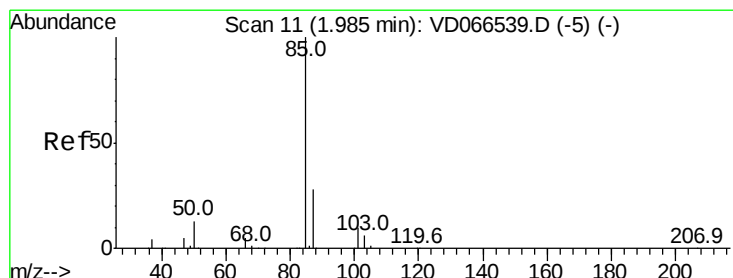
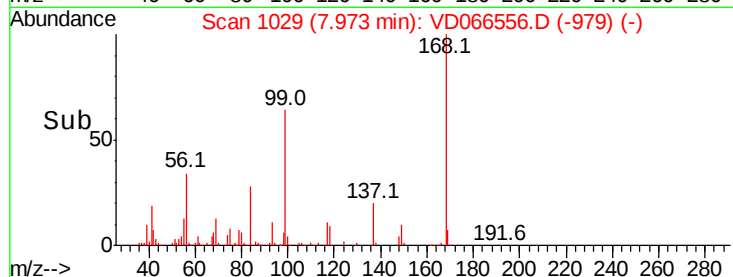
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.807 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066556.D

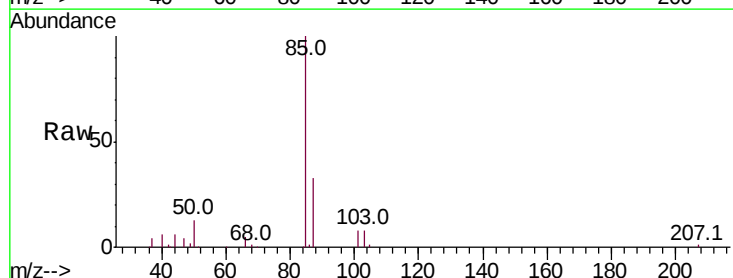
Acq: 04 Sep 2020 12:05

Tgt Ion: 85 Resp: 75136

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

30000

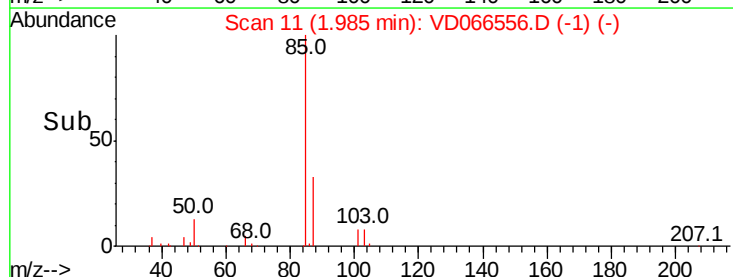
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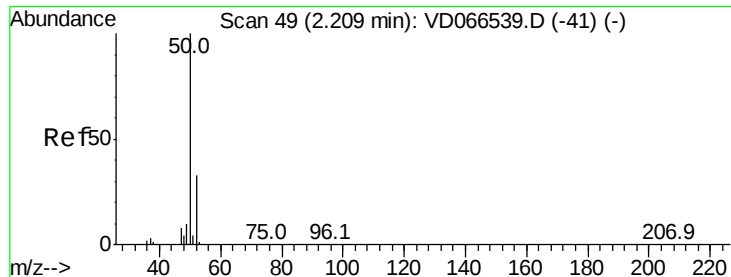
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.502 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

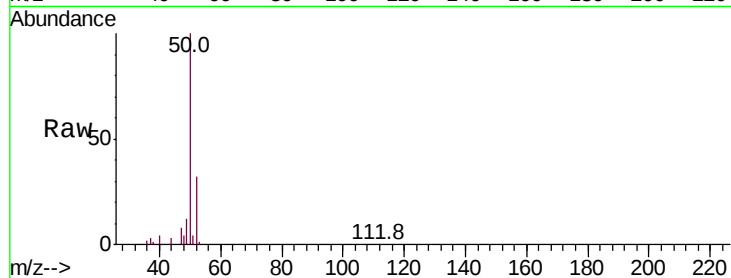
VD0904SBS01

Tot Ion: 50 Resp: 99163

Ion Ratio Lower Upper

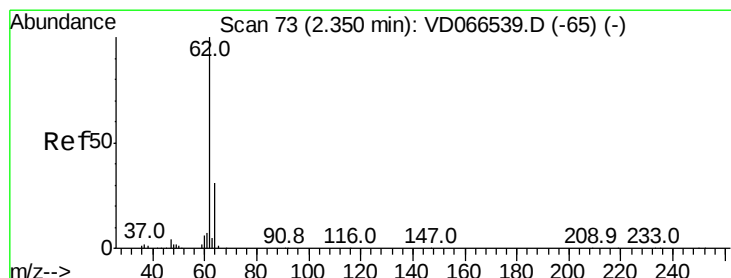
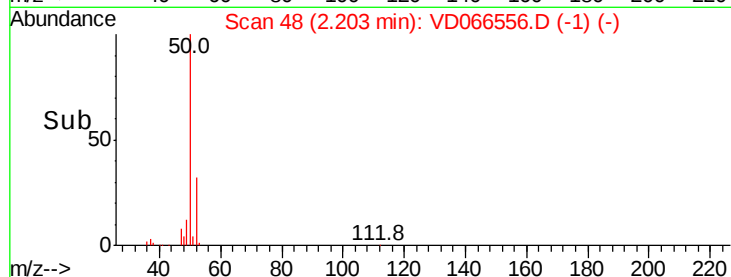
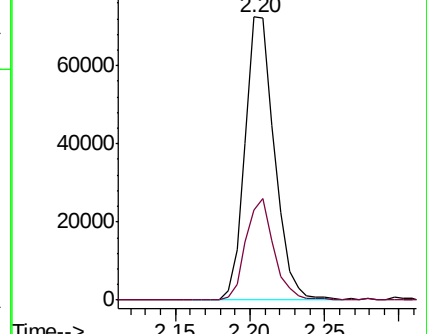
50 100

52 31.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.830 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066556.D

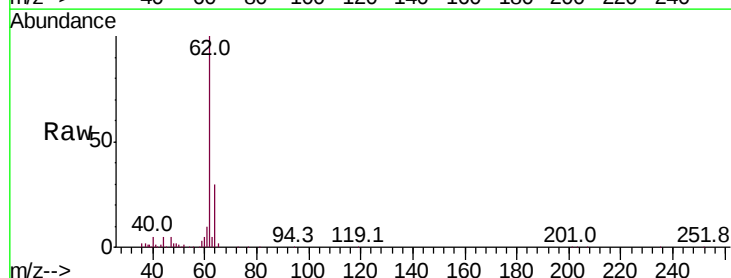
Acq: 04 Sep 2020 12:05

Tgt Ion: 62 Resp: 111661

Ion Ratio Lower Upper

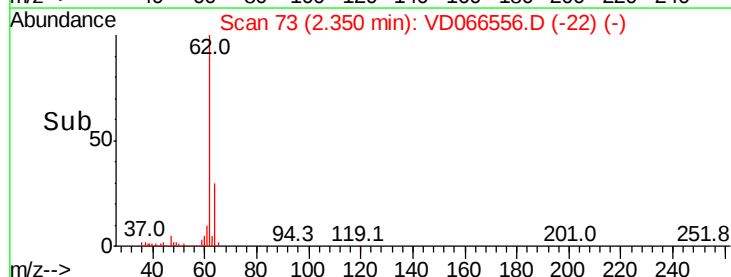
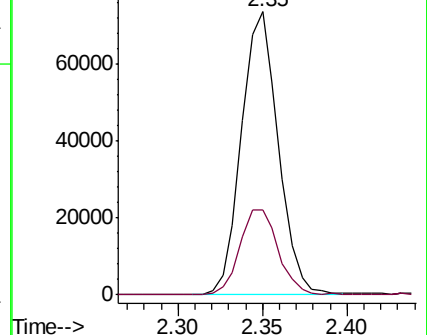
62 100

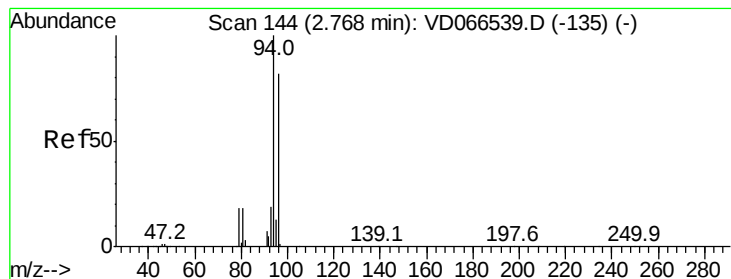
64 30.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.126 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

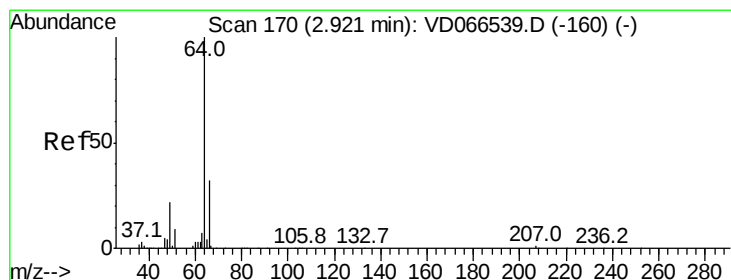
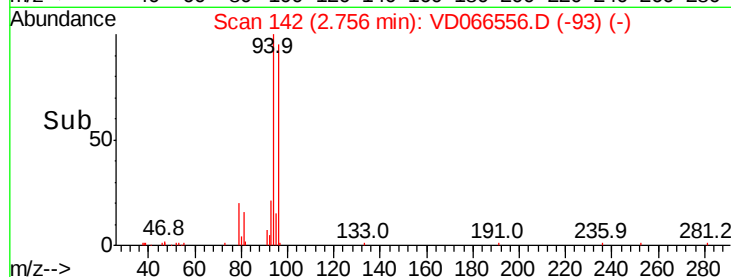
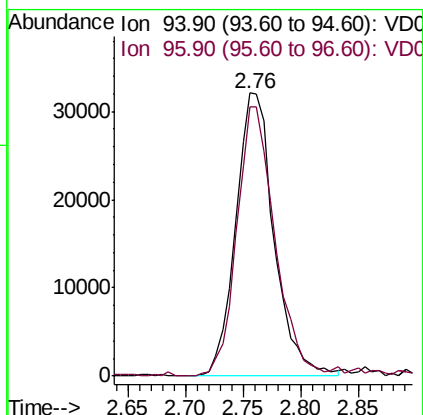
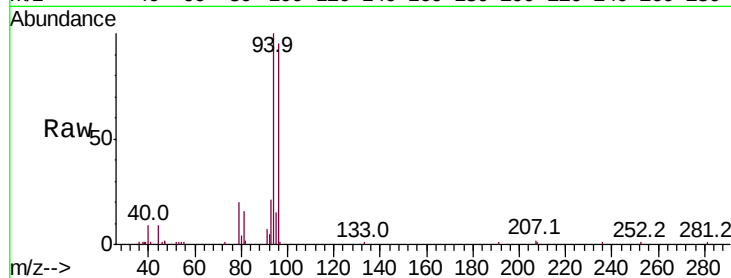
VD0904SBS01

Tot Ion: 94 Resp: 73871

Ion Ratio Lower Upper

94 100

96 94.9 65.2 97.8



#6

Chloroethane

Concen: 21.484 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066556.D

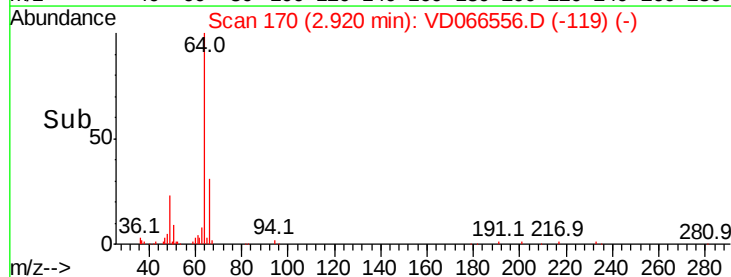
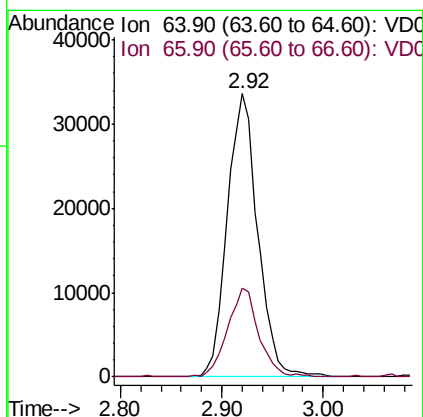
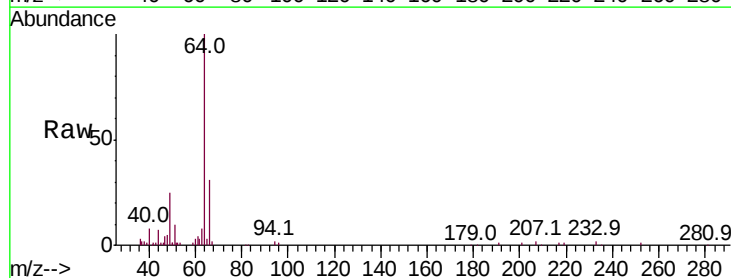
Acq: 04 Sep 2020 12:05

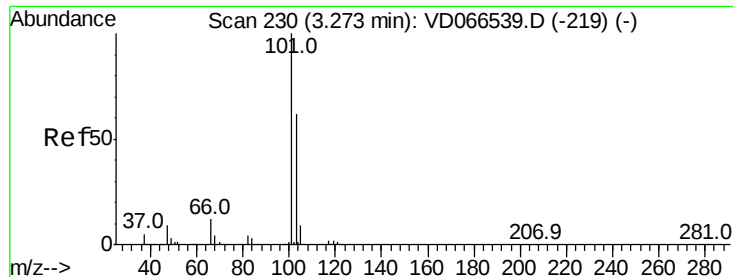
Tgt Ion: 64 Resp: 69796

Ion Ratio Lower Upper

64 100

66 31.4 25.4 38.0



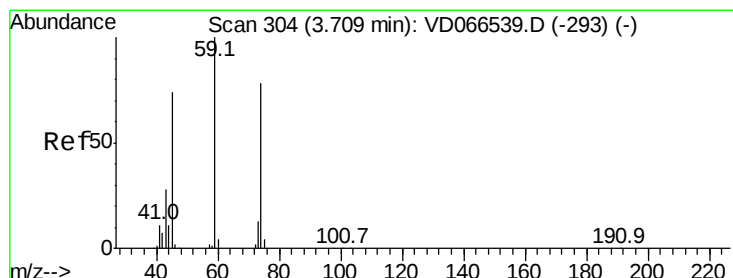
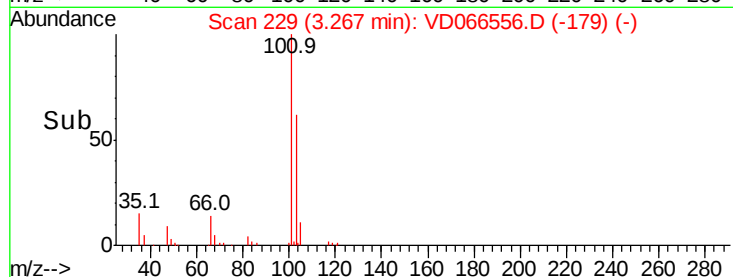
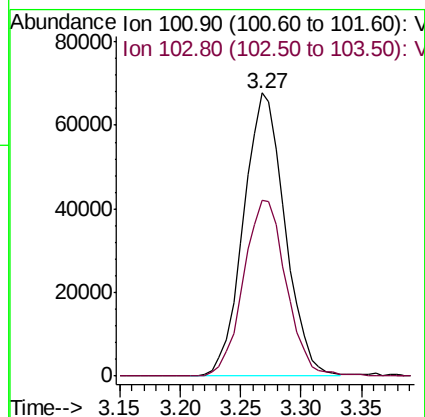
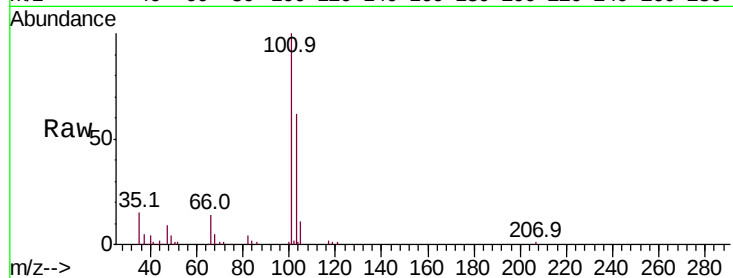


#7

Trichlorofluoromethane
 Concen: 21.429 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

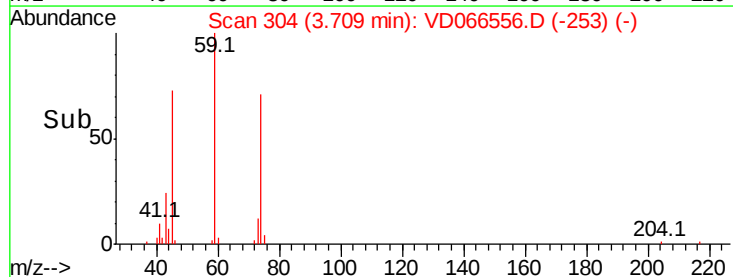
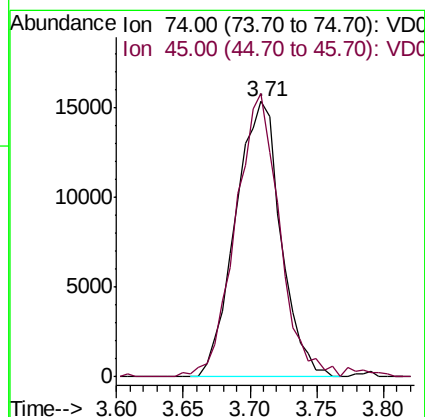
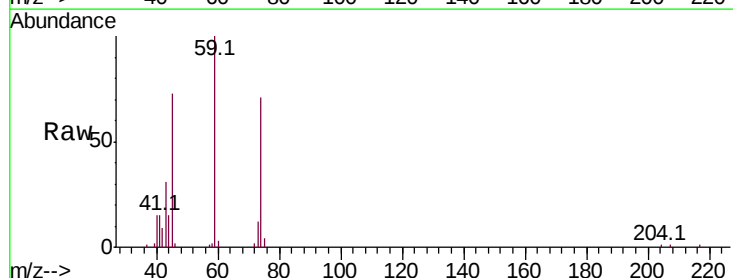
Tot Ion:101 Resp: 161918
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.7 74.5

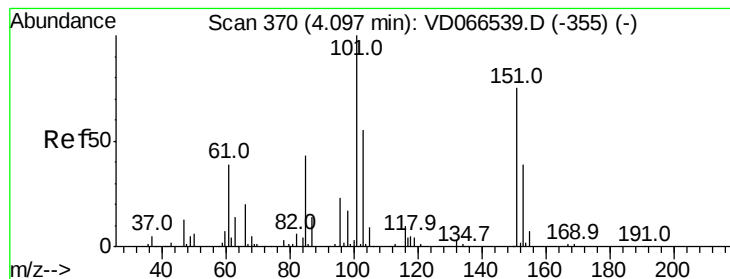


#8

Diethyl Ether
 Concen: 19.090 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Tgt Ion: 74 Resp: 36324
 Ion Ratio Lower Upper
 74 100
 45 99.2 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.300 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

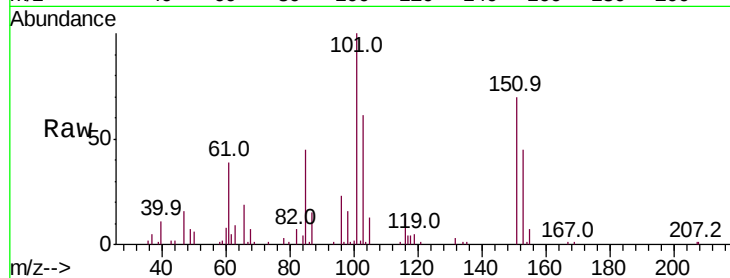
Tot Ion:101 Resp: 87106

Ion Ratio Lower Upper

101 100

85 47.2 37.0 55.6

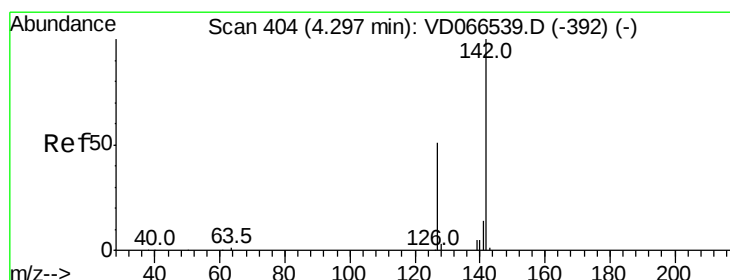
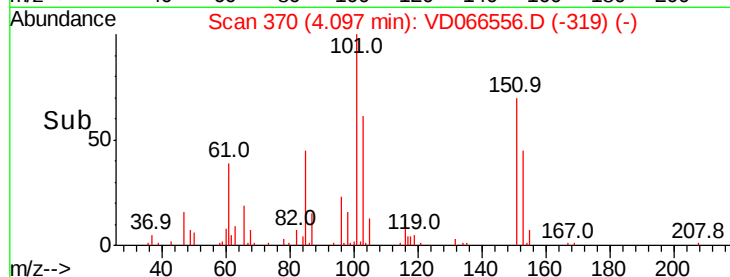
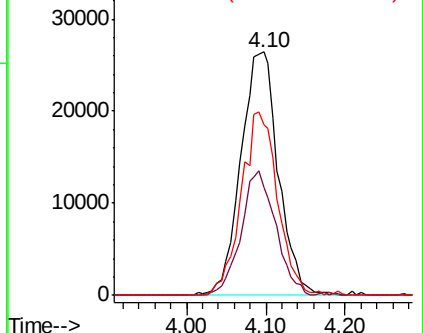
151 72.6 59.4 89.2



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: 21.615 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

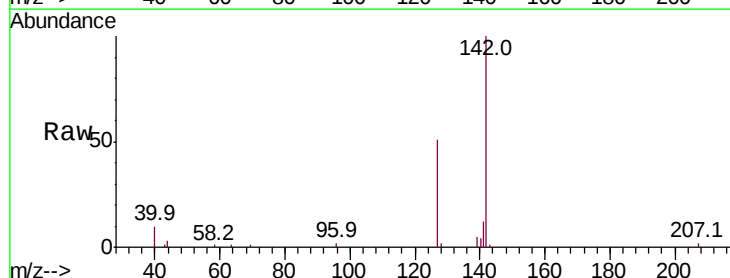
Tgt Ion:142 Resp: 71361

Ion Ratio Lower Upper

142 100

127 51.8 40.6 61.0

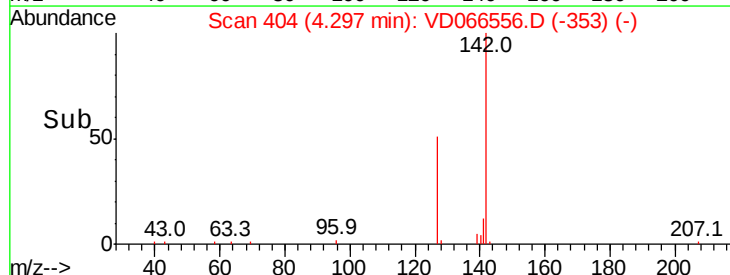
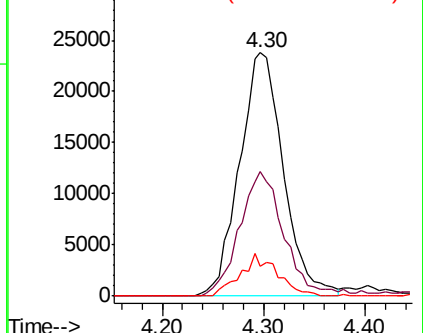
141 14.5 12.2 18.4

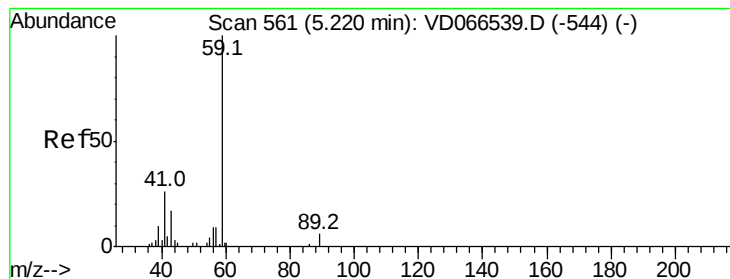


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 101.297 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

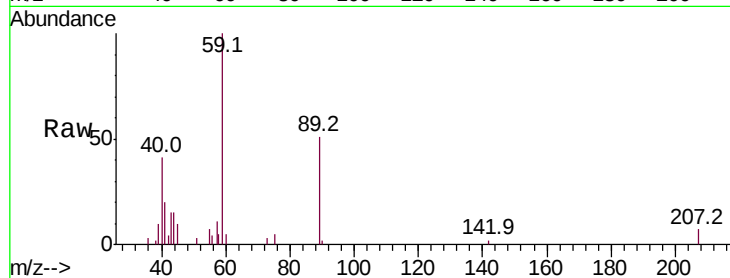
VD0904SBS01

Tot Ion: 59 Resp: 35410

Ion Ratio Lower Upper

59 100

57 8.2 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

8000

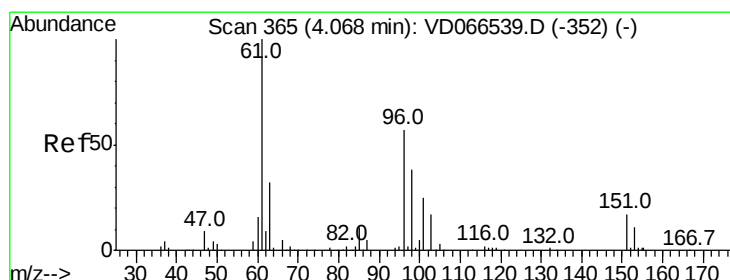
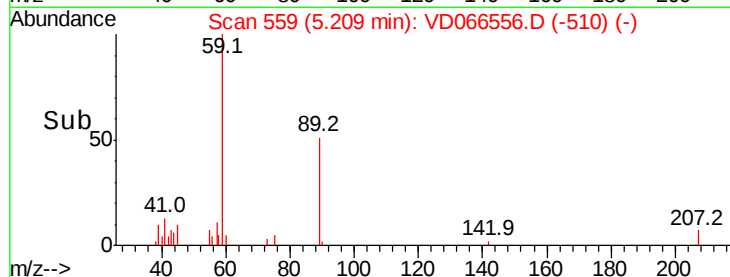
6000

4000

2000

0

Time--> 5.00 5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 21.772 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

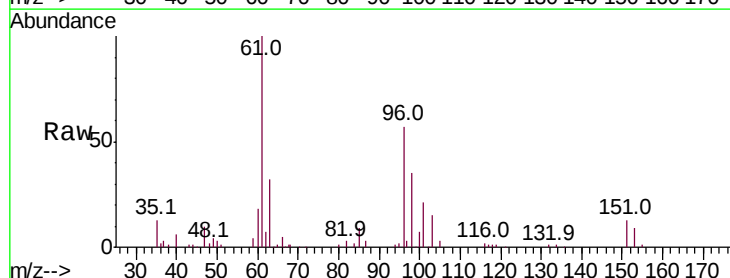
Tgt Ion: 96 Resp: 79991

Ion Ratio Lower Upper

96 100

61 176.4 140.9 211.3

98 61.9 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

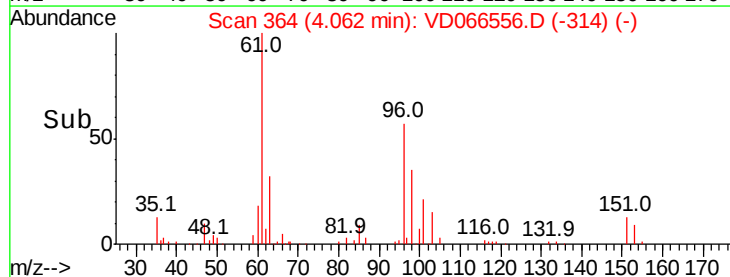
60000

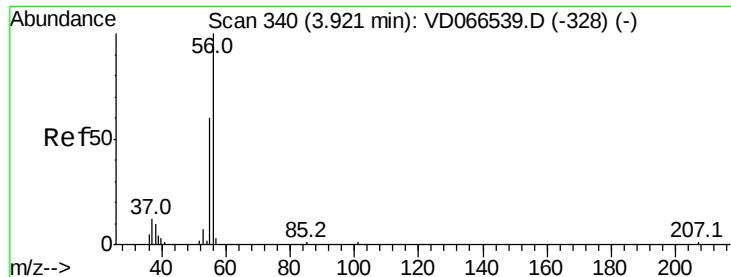
40000

20000

0

Time--> 3.90 4.00 4.10 4.20





#13

Acrolein

Concen: 97.775 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

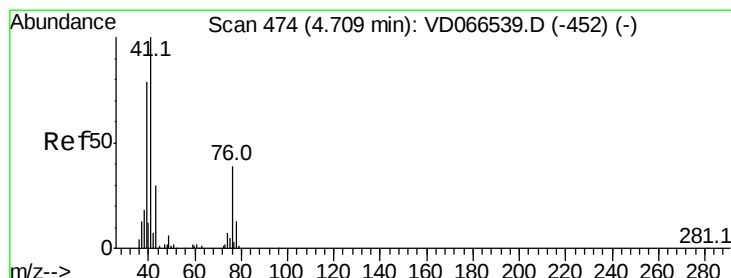
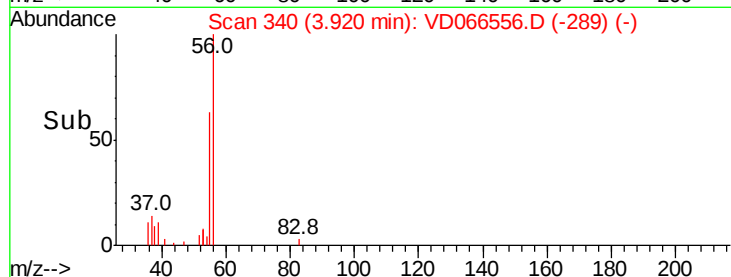
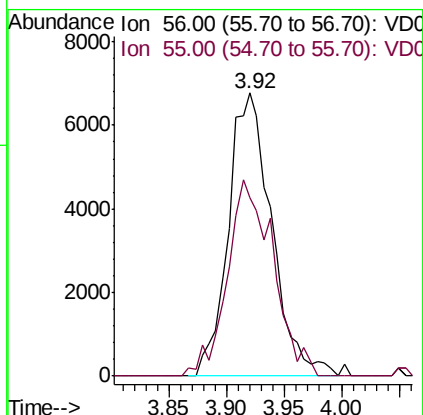
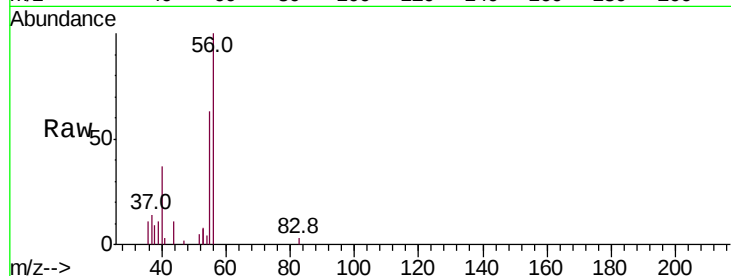
VD0904SBS01

Tot Ion: 56 Resp: 17639

Ion Ratio Lower Upper

56 100

55 73.4 53.6 80.4



#14

Allyl chloride

Concen: 20.047 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

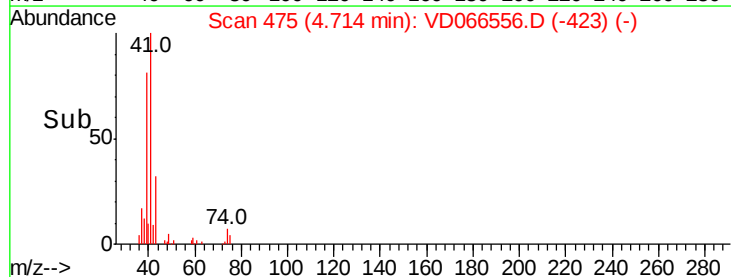
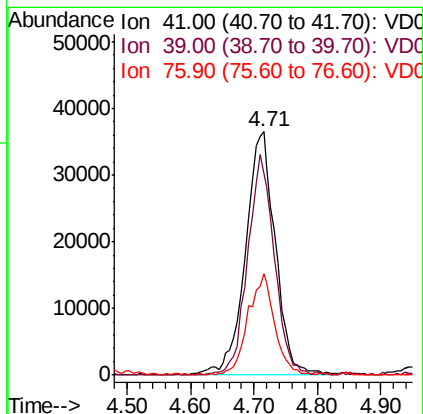
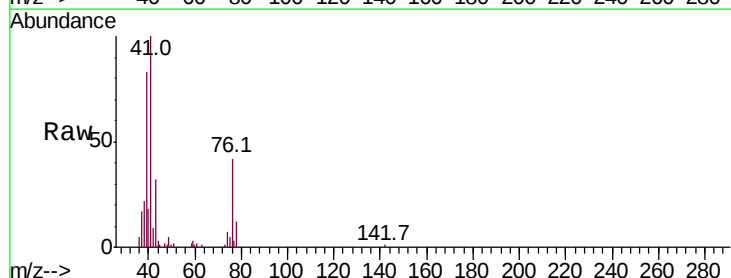
Tgt Ion: 41 Resp: 120707

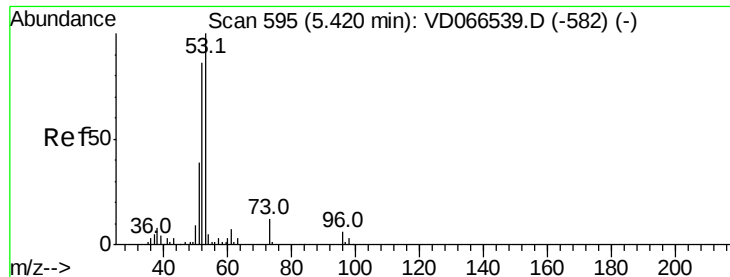
Ion Ratio Lower Upper

41 100

39 80.4 61.9 92.9

76 36.9 29.0 43.6





#15

Acrylonitrile

Concen: 101.910 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

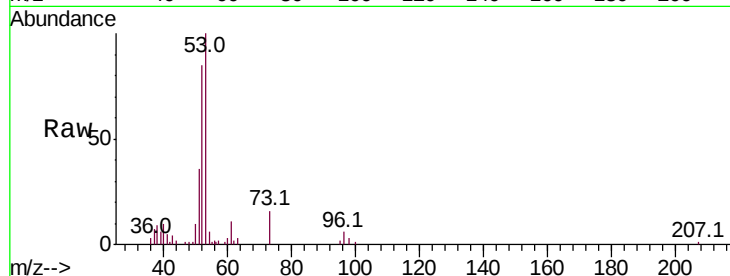
Tot Ion: 53 Resp: 83298

Ion Ratio Lower Upper

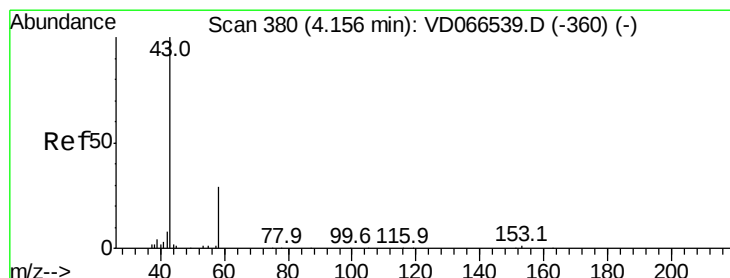
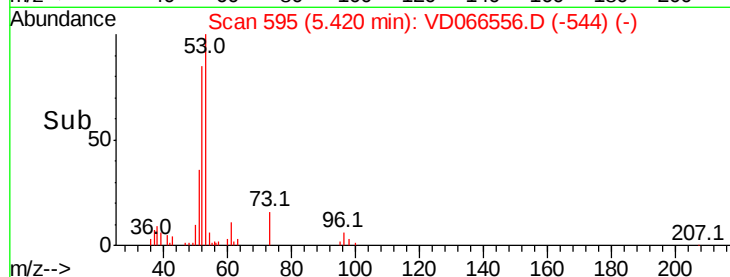
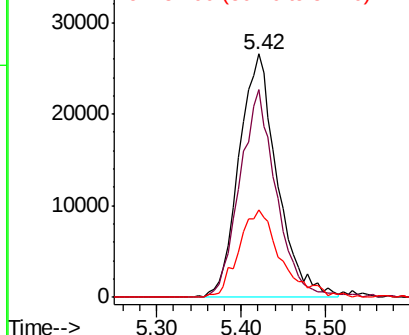
53 100

52 81.7 65.4 98.2

51 39.8 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: 107.491 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066556.D

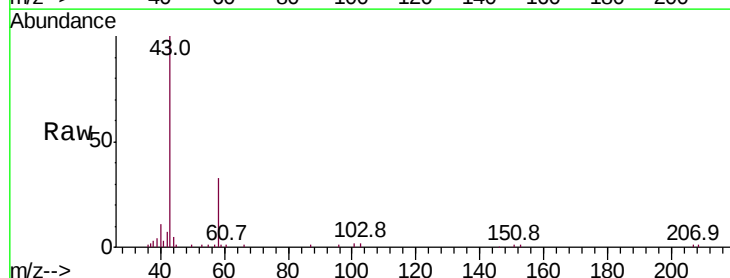
Acq: 04 Sep 2020 12:05

Tgt Ion: 43 Resp: 87263

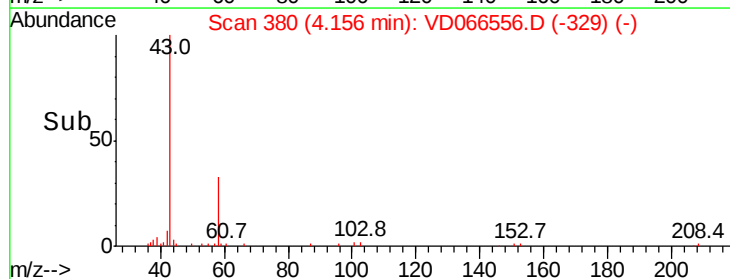
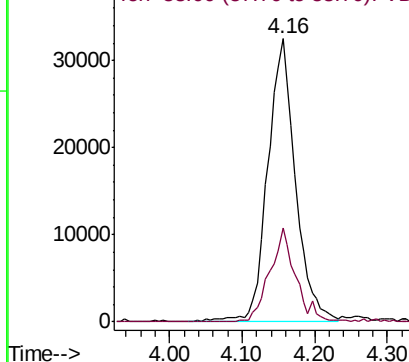
Ion Ratio Lower Upper

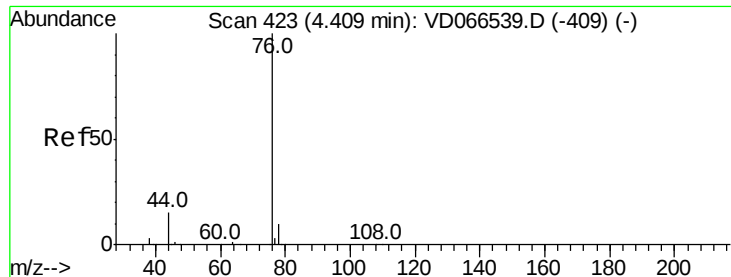
43 100

58 33.1 22.9 34.3



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

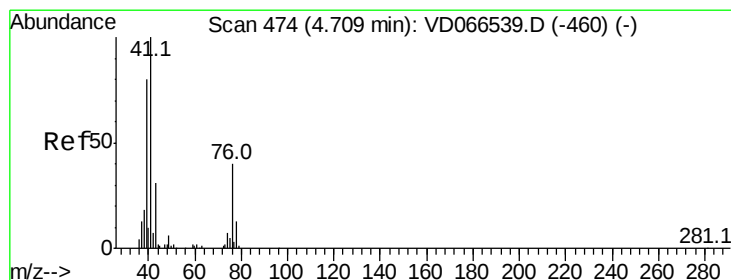
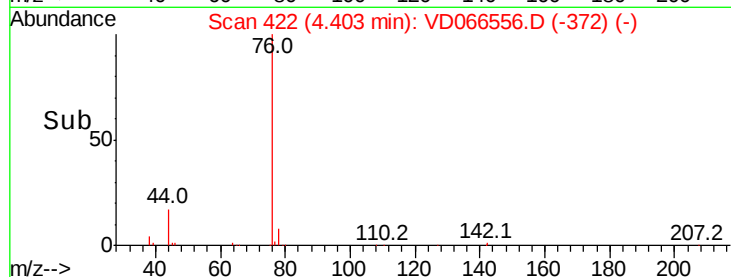
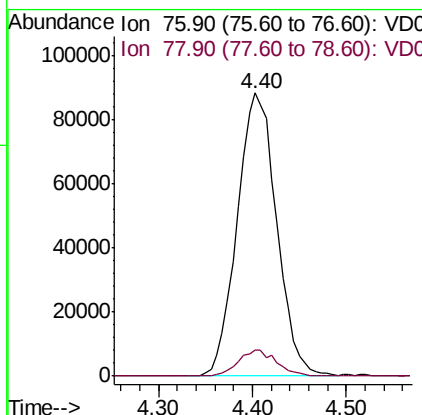
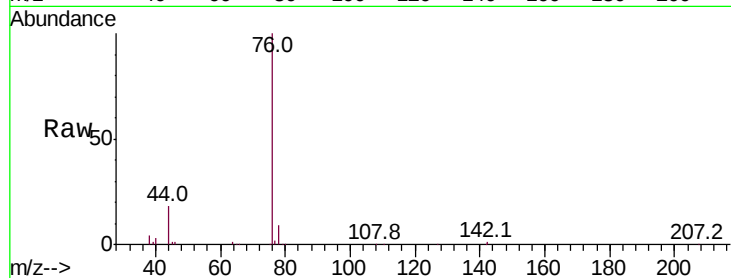




#17
Carbon Disulfide
Concen: 21.267 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

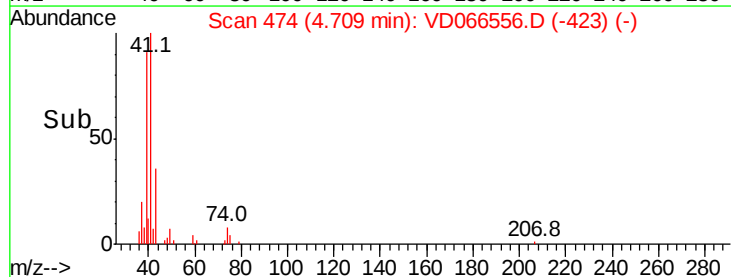
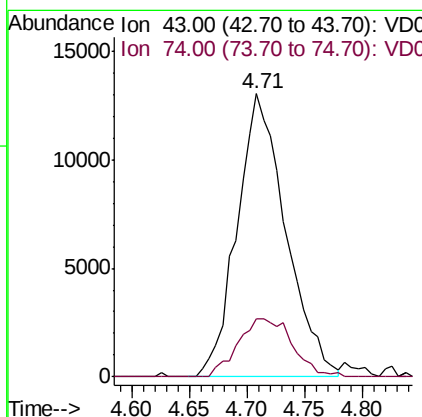
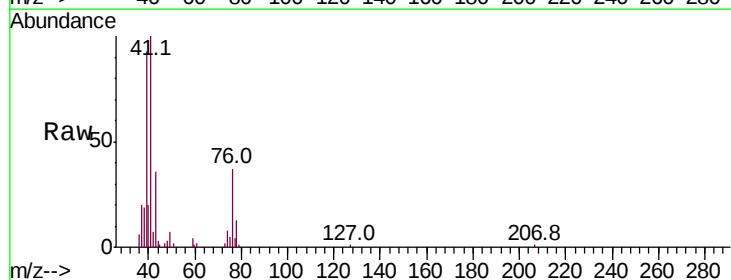
Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

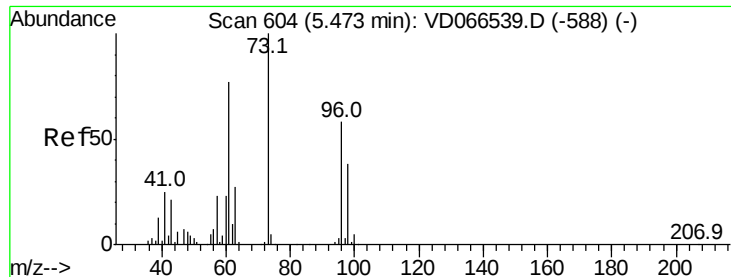
Tot Ion: 76 Resp: 256869
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4



#18
Methyl Acetate
Concen: 19.784 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 43 Resp: 38286
Ion Ratio Lower Upper
43 100
74 23.0 18.0 27.0

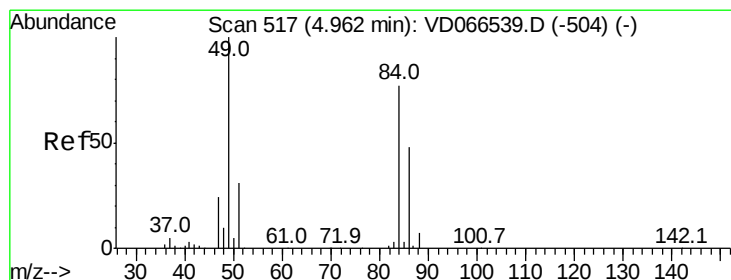
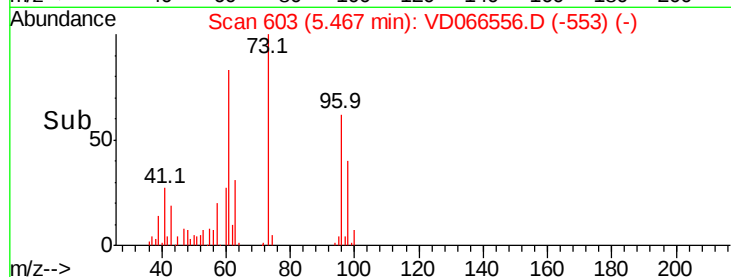
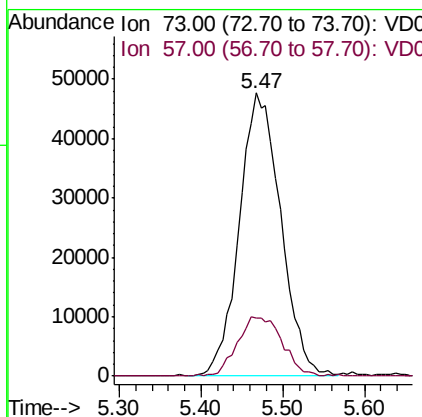
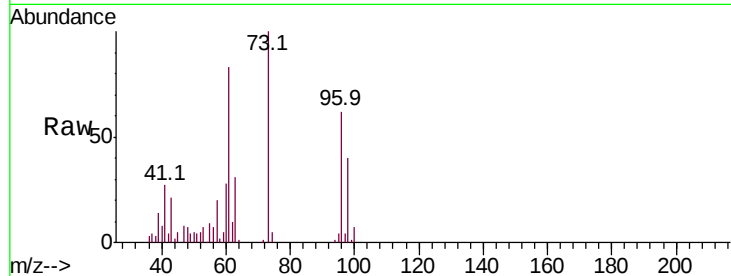




#19
Methyl tert-butyl Ether
Concen: 19.534 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

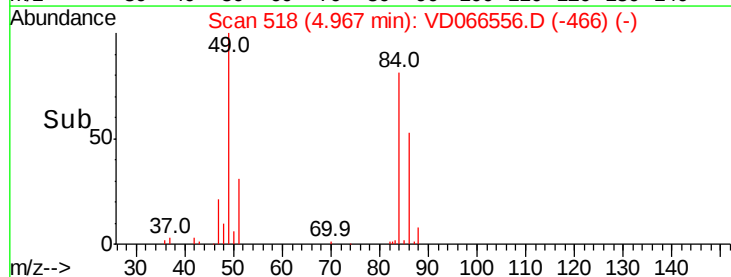
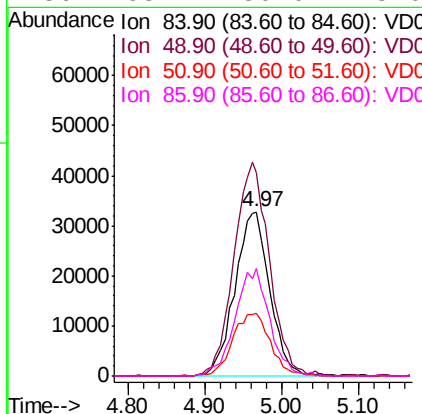
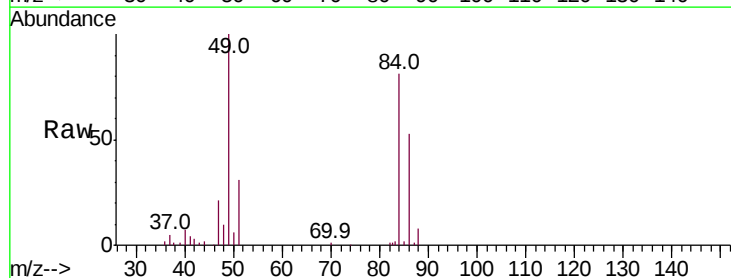
Instrument :
MSVOA_D
ClientSampleID :
VD0904SBS01

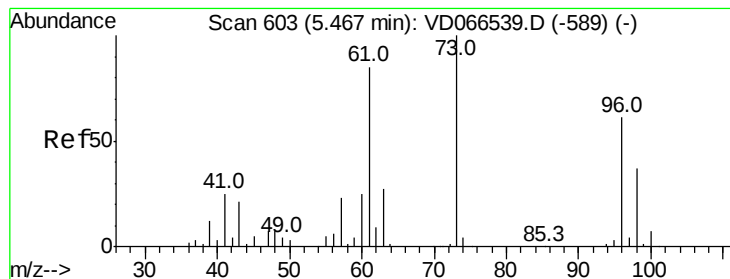
Tot Ion: 73 Resp: 168302
Ion Ratio Lower Upper
73 100
57 20.5 18.3 27.5



#20
Methylene Chloride
Concen: 19.458 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 84 Resp: 103974
Ion Ratio Lower Upper
84 100
49 123.5 104.3 156.5
51 38.4 32.2 48.4
86 65.4 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 20.647 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

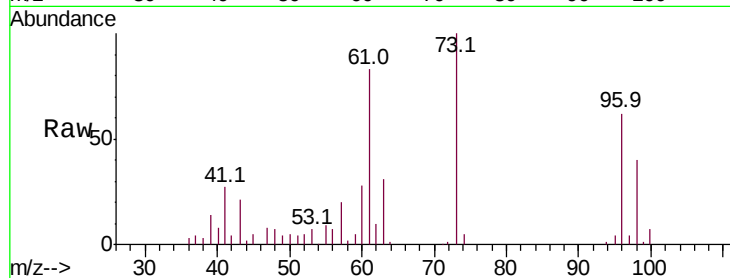
Tot Ion: 96 Resp: 90081

Ion Ratio Lower Upper

96 100

61 134.7 112.1 168.1

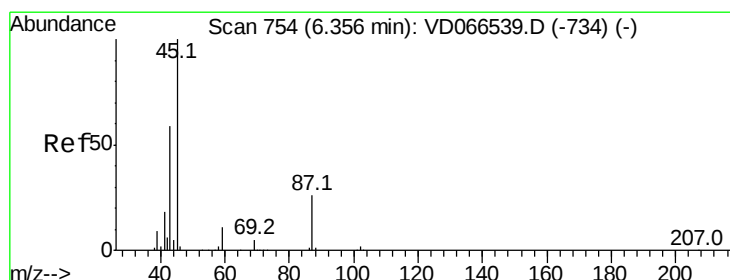
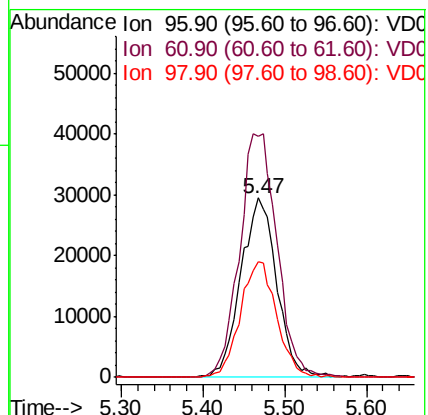
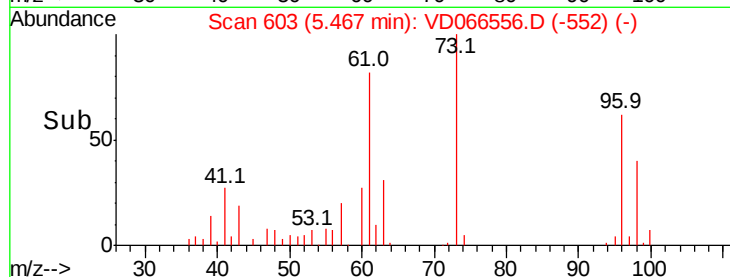
98 64.2 48.6 72.8



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: 21.011 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion: 45 Resp: 260160

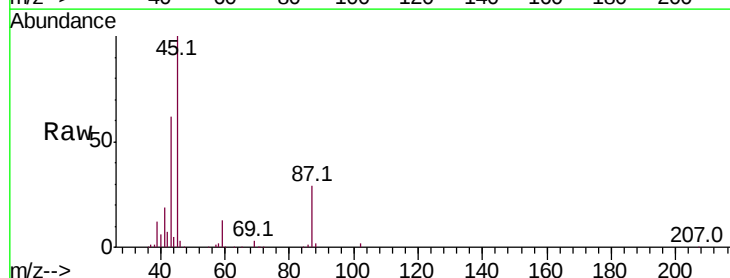
Ion Ratio Lower Upper

45 100

43 60.6 47.0 70.4

87 29.2 21.3 31.9

59 13.2 8.7 13.1#

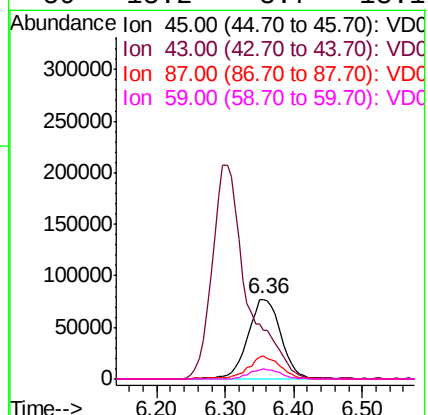
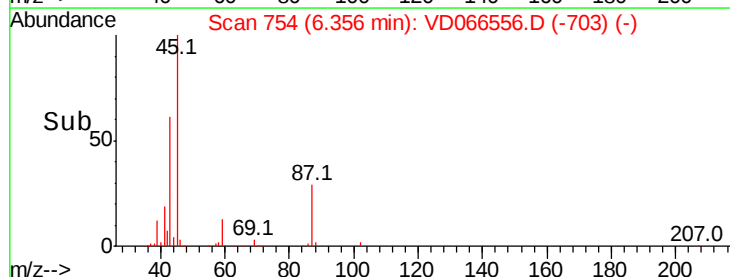


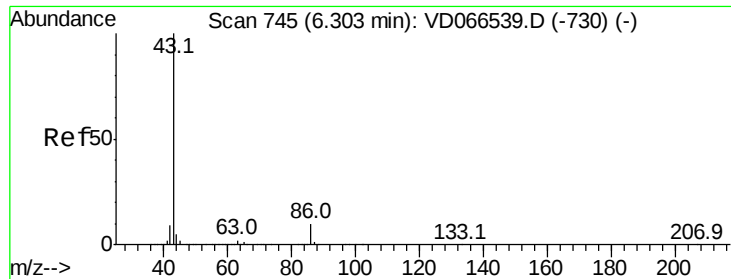
Abundance Ion 45.00 (44.70 to 45.70): VDC

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

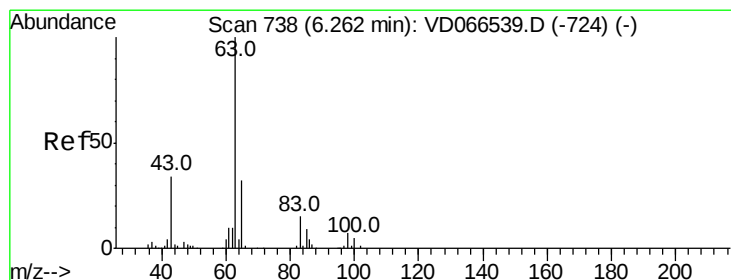
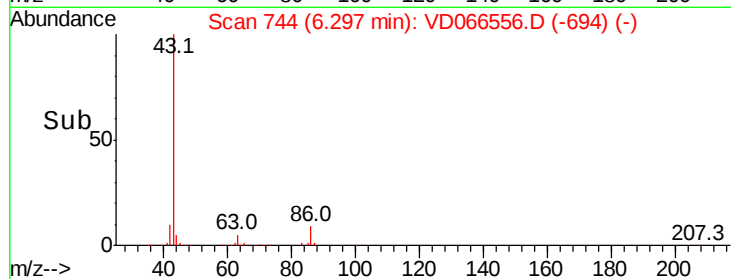
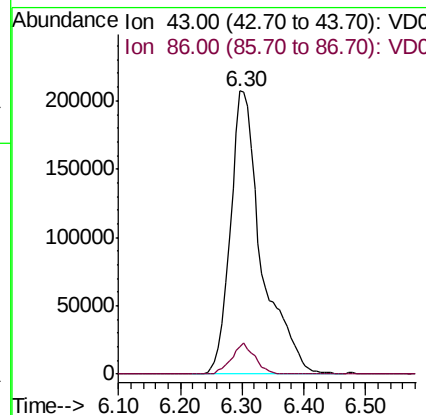
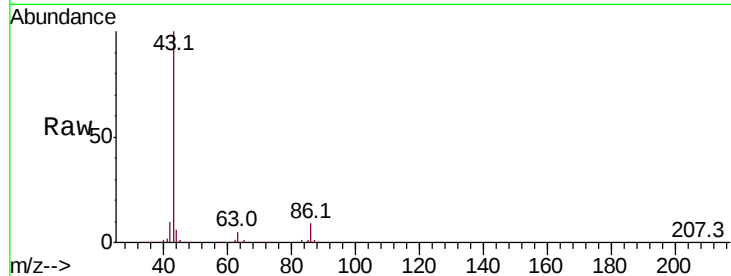




#23
 Vinyl Acetate
 Concen: 103.293 ug/l
 RT: 6.30 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

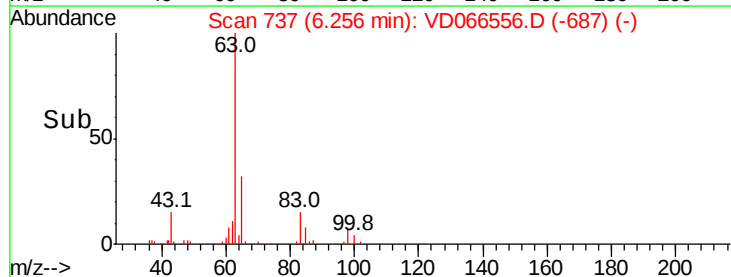
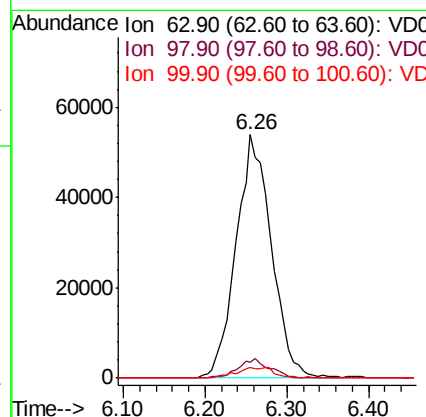
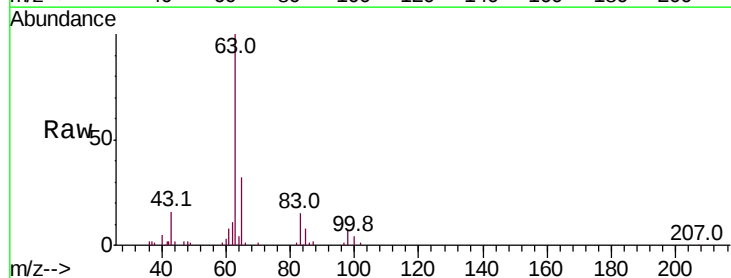
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

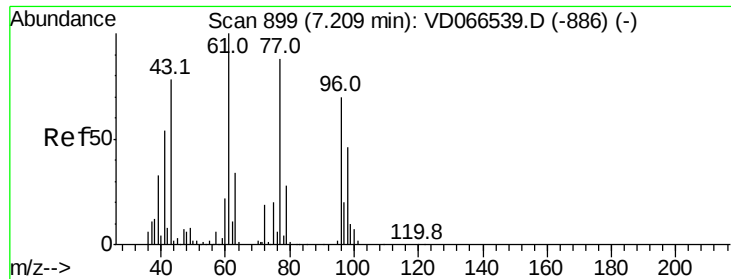
Tot Ion: 43 Resp: 727838
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 20.750 ug/l
 RT: 6.26 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Tgt Ion: 63 Resp: 161576
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.4 2.5 7.4

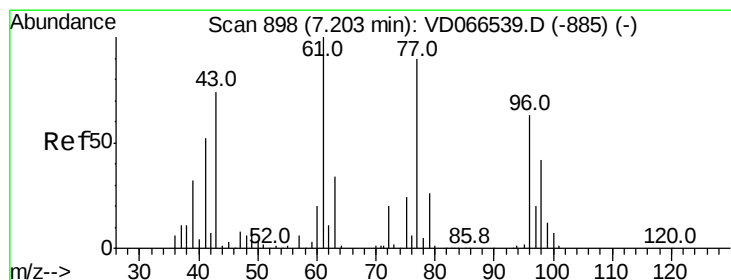
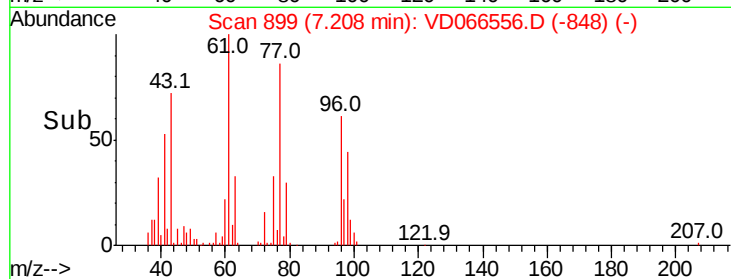
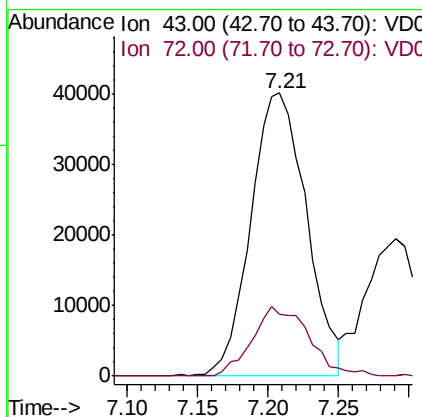
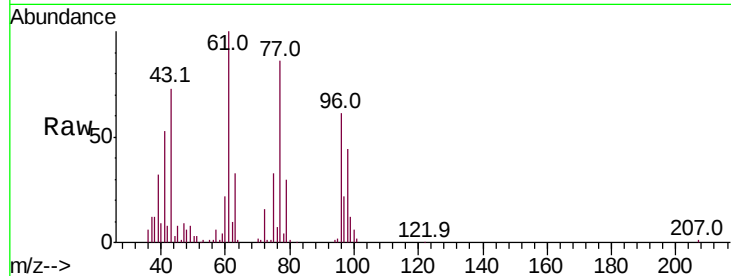




#25
2-Butanone
Concen: 101.628 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

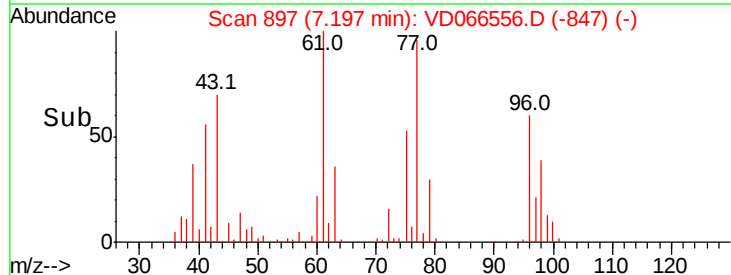
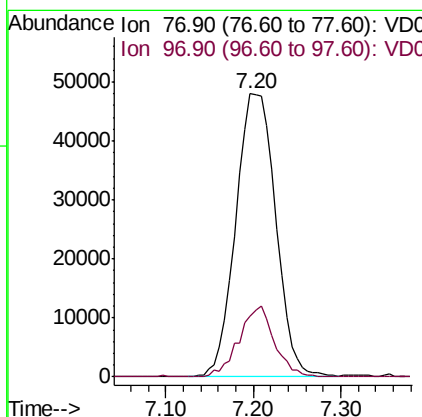
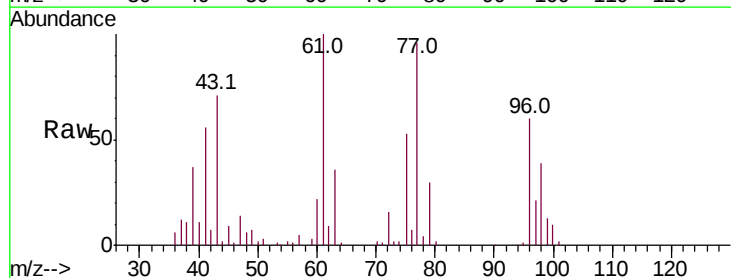
Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

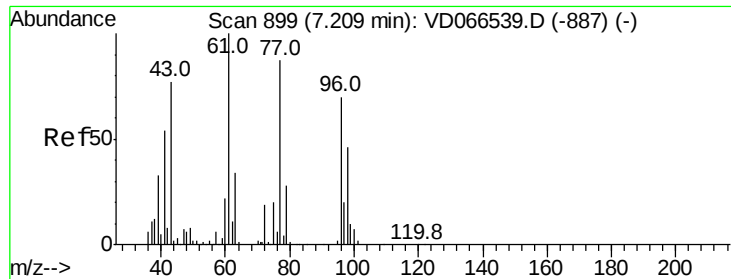
Tot Ion: 43 Resp: 110751
Ion Ratio Lower Upper
43 100
72 21.9 19.8 29.6



#26
2,2-Dichloropropane
Concen: 20.868 ug/l
RT: 7.20 min Scan# 897
Delta R.T. -0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 77 Resp: 149051
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3

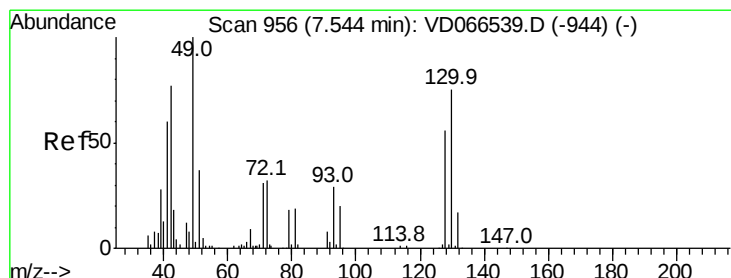
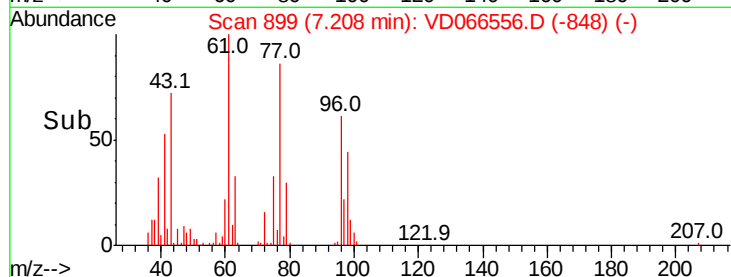
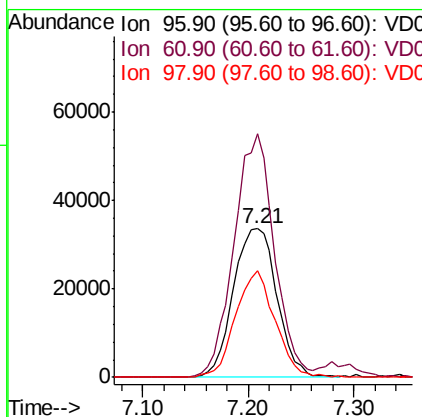
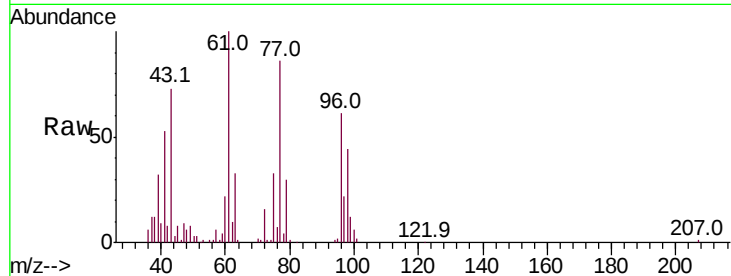




#27
 cis-1,2-Dichloroethene
 Concen: 20.578 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

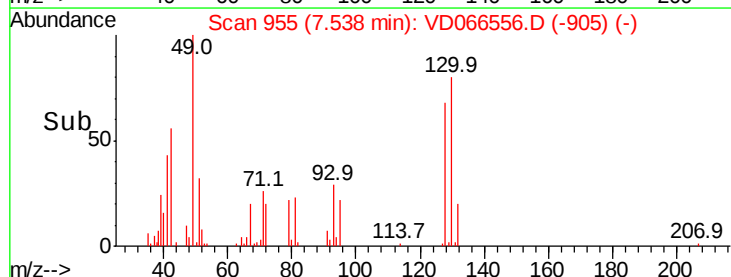
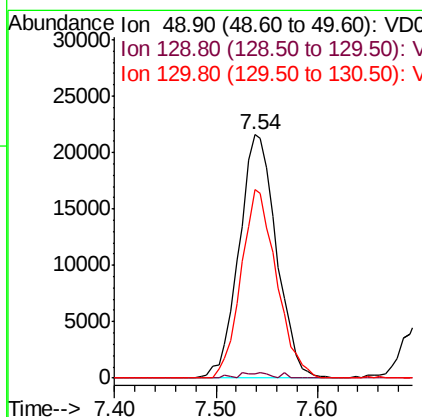
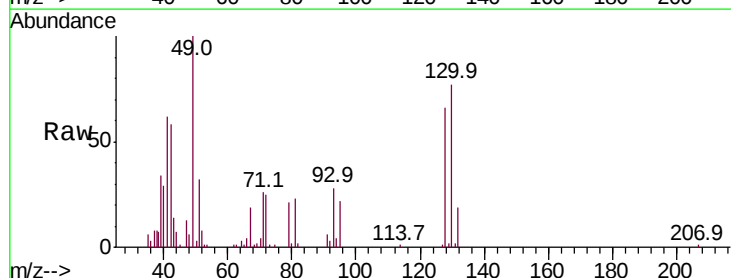
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

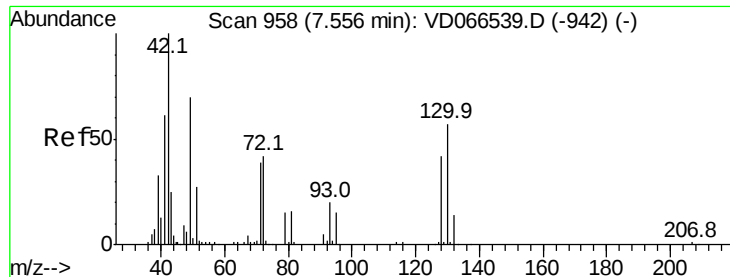
Tot Ion: 96 Resp: 96548
 Ion Ratio Lower Upper
 96 100
 61 151.1 0.0 301.0
 98 64.8 0.0 129.8



#28
 Bromochloromethane
 Concen: 18.391 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Tgt Ion: 49 Resp: 55134
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 2.6
 130 73.6 58.2 87.2





#29

Tetrahydrofuran

Concen: 102.817 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

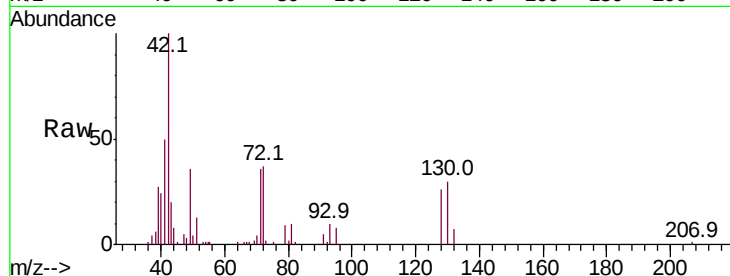
Tot Ion: 42 Resp: 69782

Ion Ratio Lower Upper

42 100

72 39.7 33.4 50.0

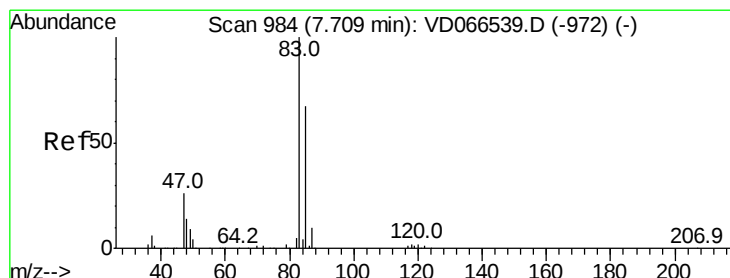
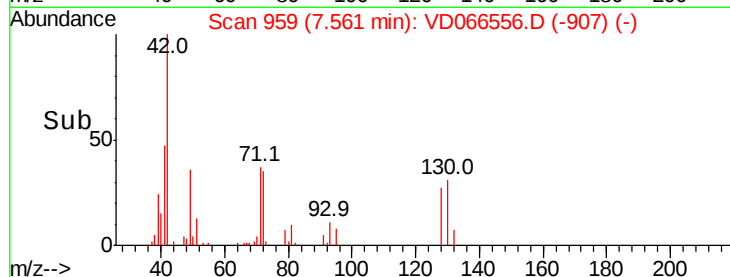
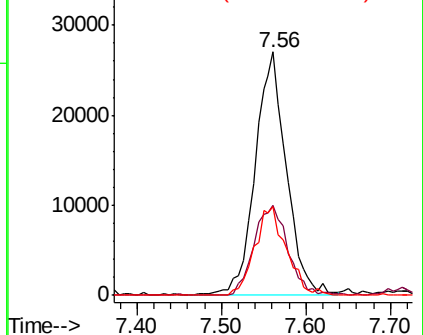
71 36.7 31.9 47.9



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: 20.600 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066556.D

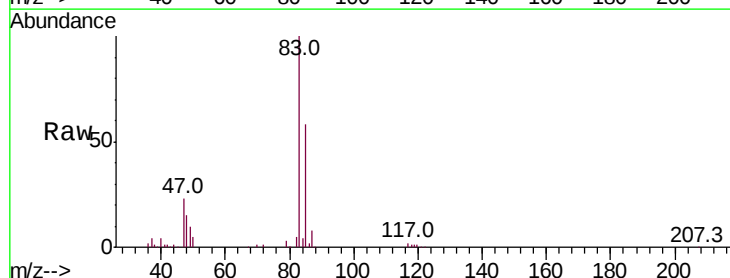
Acq: 04 Sep 2020 12:05

Tgt Ion: 83 Resp: 169699

Ion Ratio Lower Upper

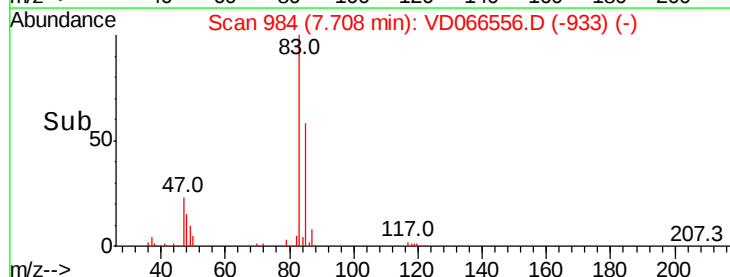
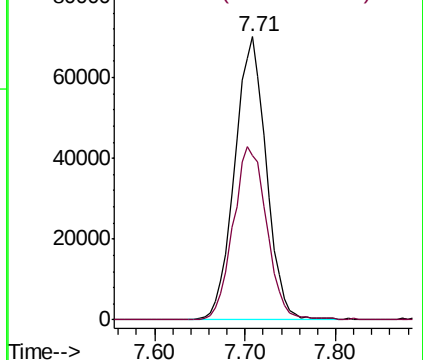
83 100

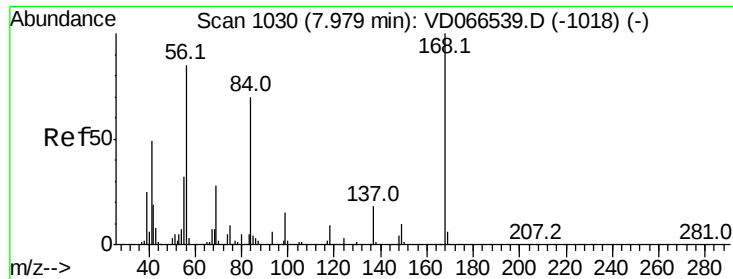
85 58.0 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

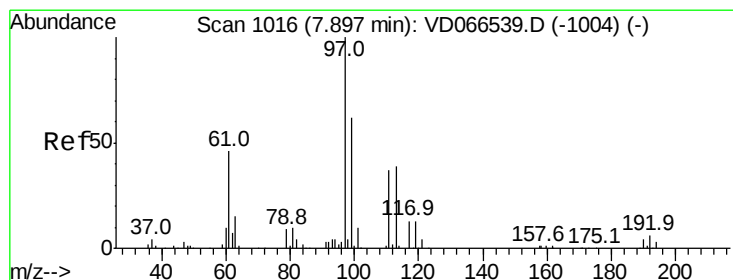
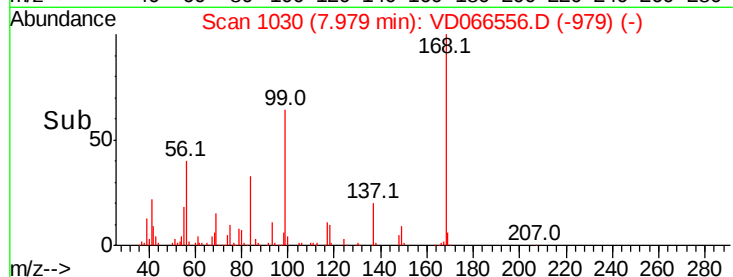
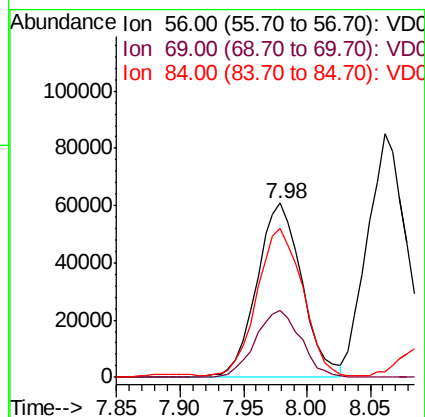
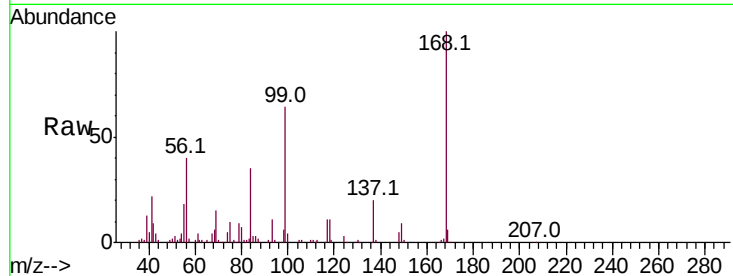




#31
Cyclohexane
Concen: 21.001 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

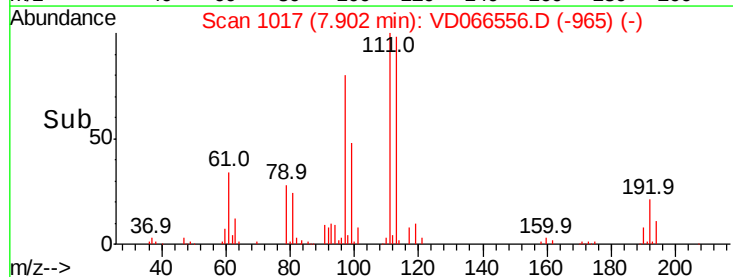
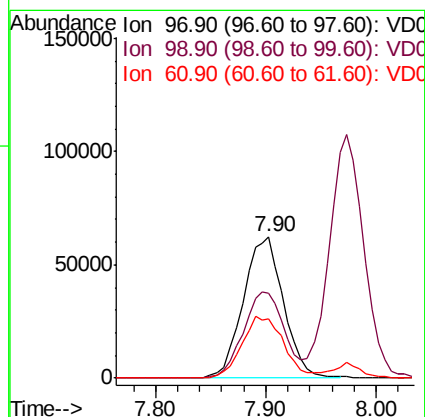
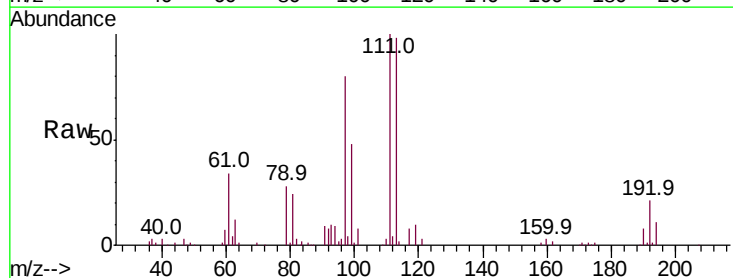
Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

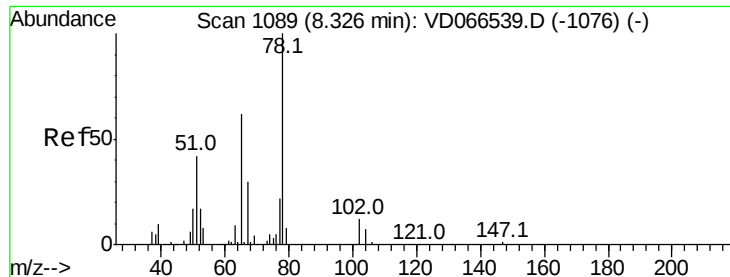
Tot Ion: 56 Resp: 151162
Ion Ratio Lower Upper
56 100
69 38.2 26.3 39.5
84 84.0 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 20.580 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 97 Resp: 159392
Ion Ratio Lower Upper
97 100
99 61.8 51.4 77.0
61 45.0 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 52.811 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

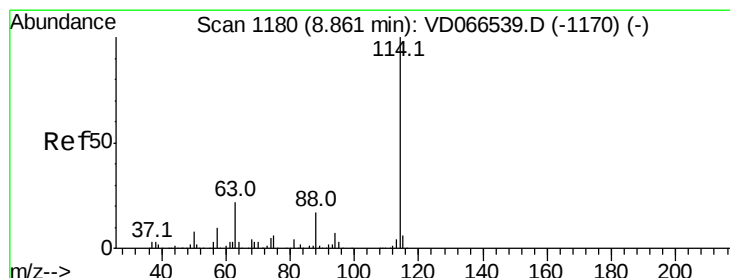
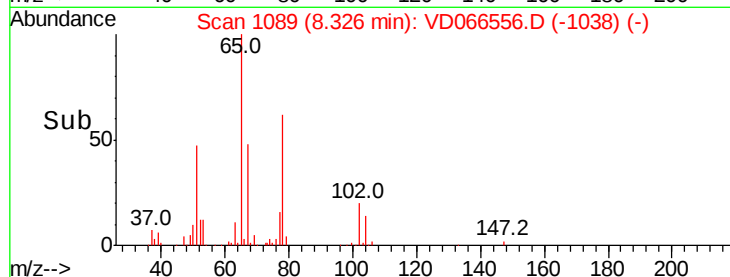
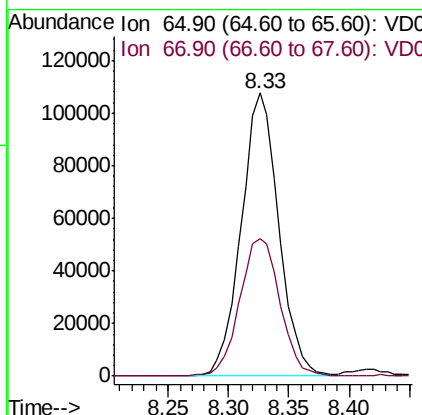
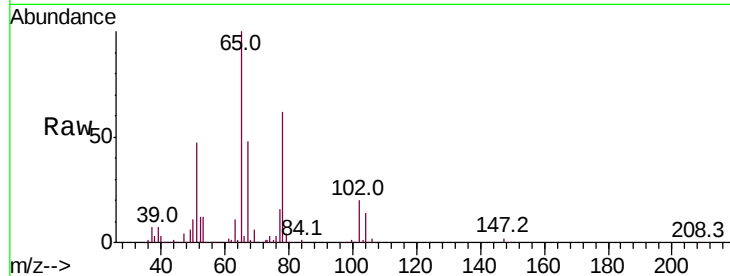
Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion: 65 Resp: 233007

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

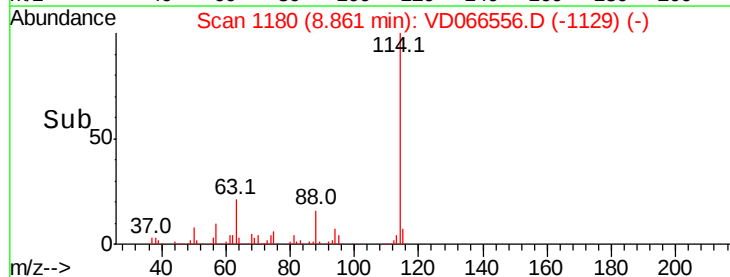
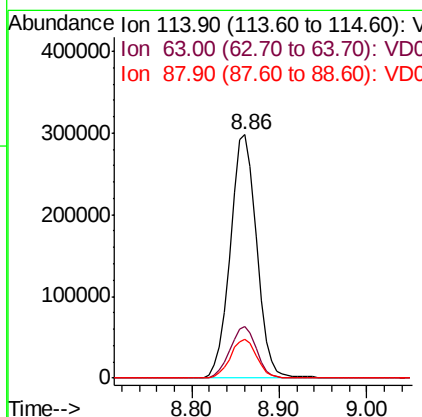
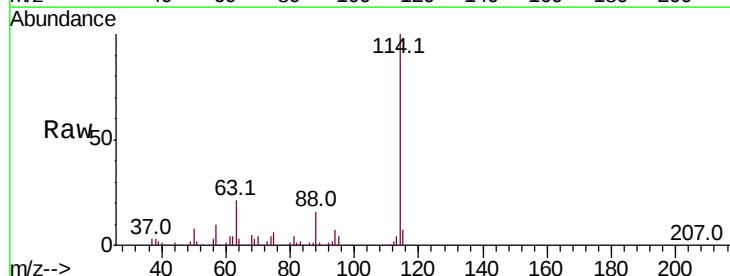
Delta R.T. -0.00 min

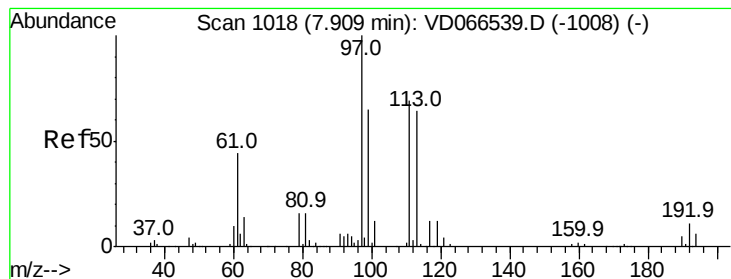
Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion: 114 Resp: 608662

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	15.8	0.0	33.2





#35

Dibromofluoromethane

Concen: 52.641 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

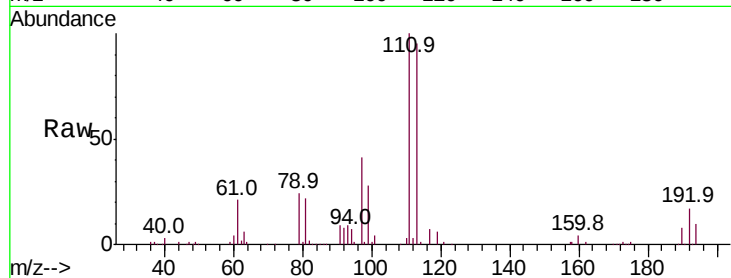
Tot Ion:113 Resp: 216149

Ion Ratio Lower Upper

113 100

111 101.0 83.2 124.8

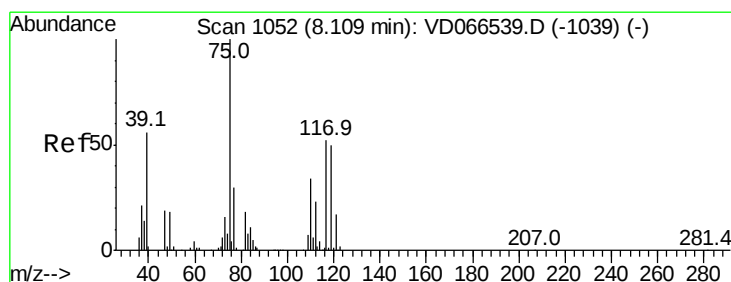
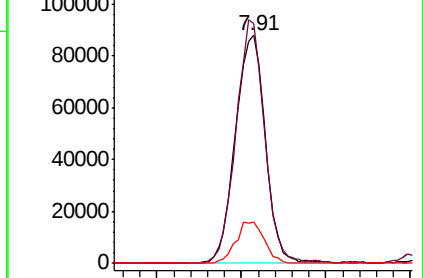
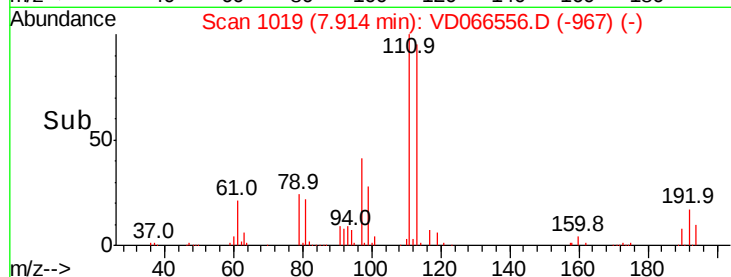
192 17.4 13.7 20.5



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: 20.983 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

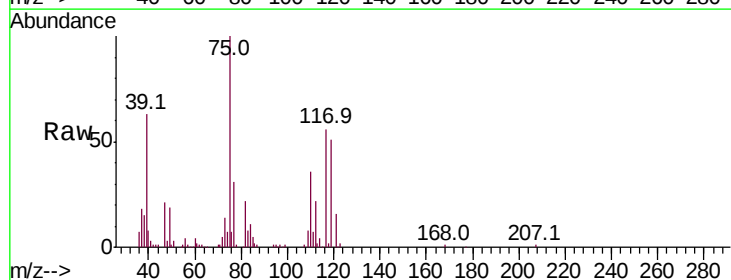
Tgt Ion: 75 Resp: 132911

Ion Ratio Lower Upper

75 100

110 35.0 17.3 52.0

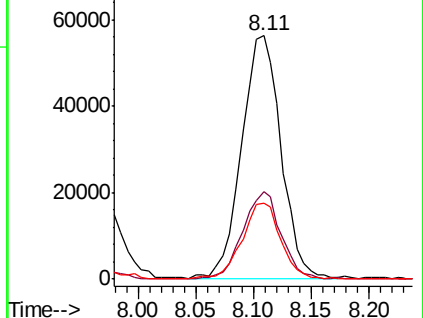
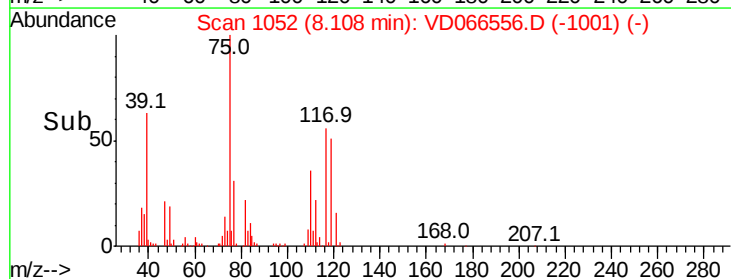
77 31.3 25.1 37.7

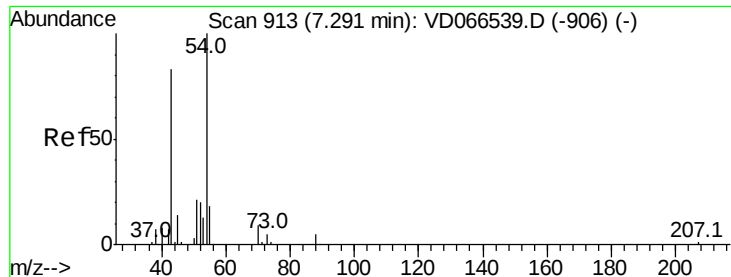


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

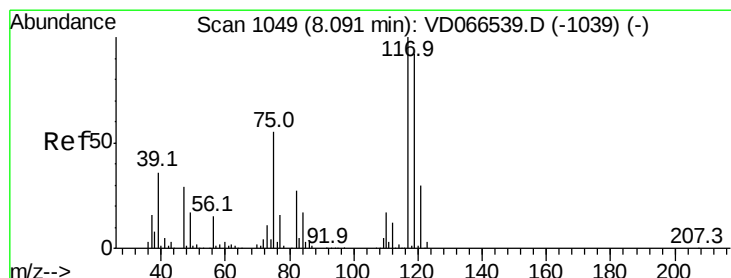
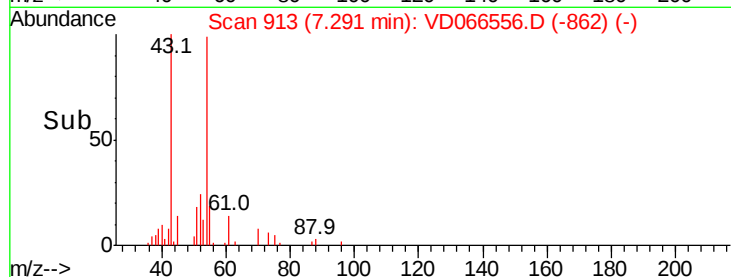
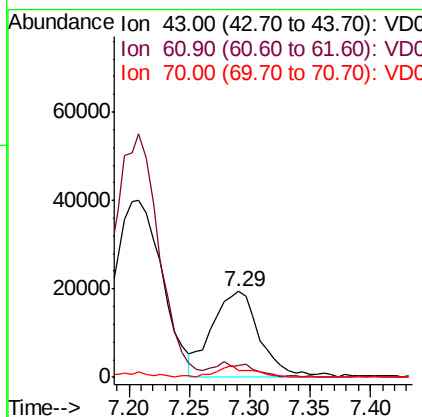
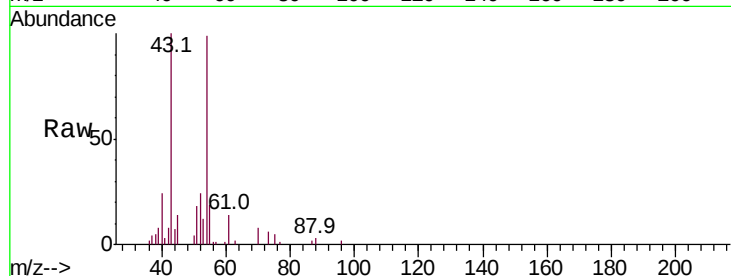




#37
Ethyl Acetate
Concen: 20.986 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

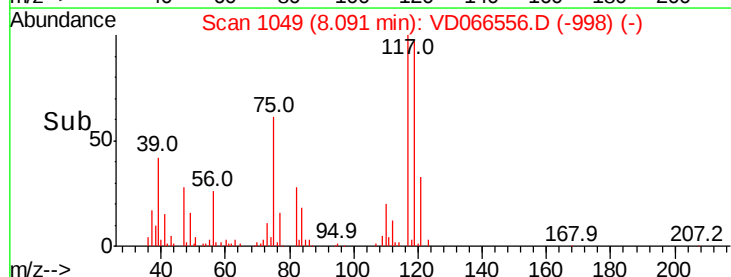
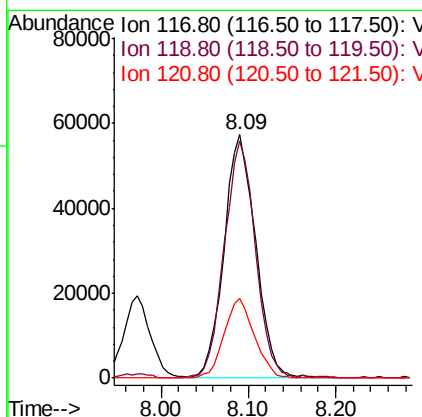
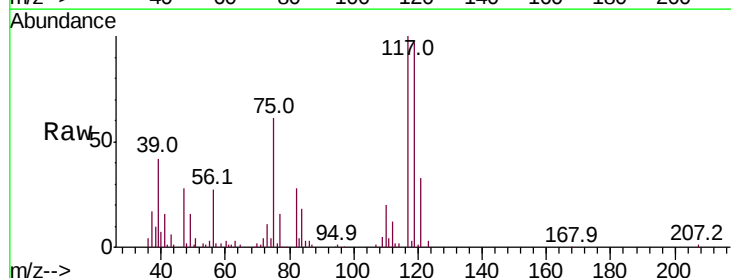
Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

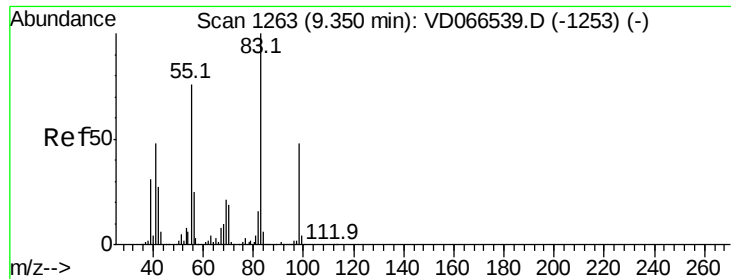
Tot Ion: 43 Resp: 52934
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.8
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 21.136 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 117 Resp: 141510
Ion Ratio Lower Upper
117 100
119 97.2 73.9 110.9
121 32.5 24.1 36.1

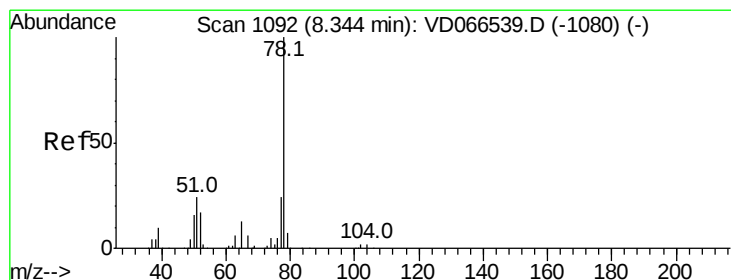
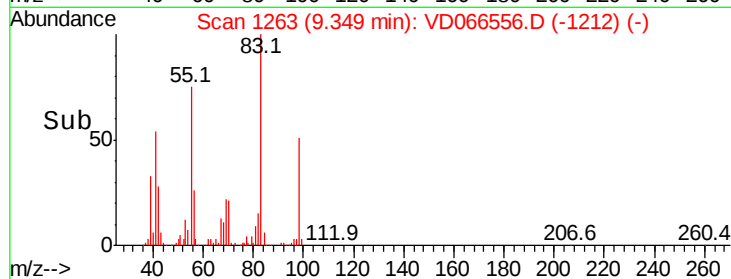
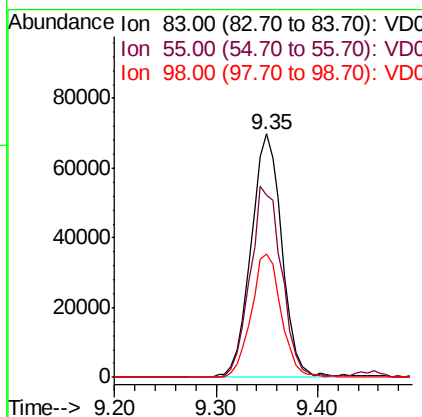
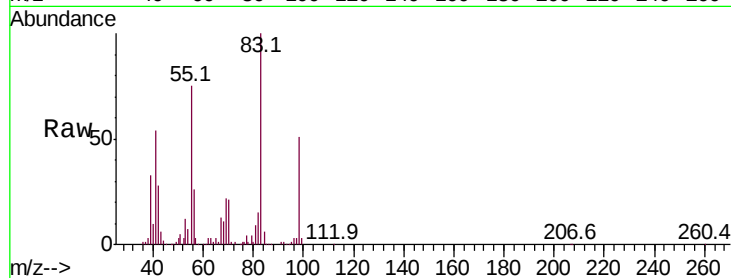




#39
Methvlcvclohexane
Concen: 20.946 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

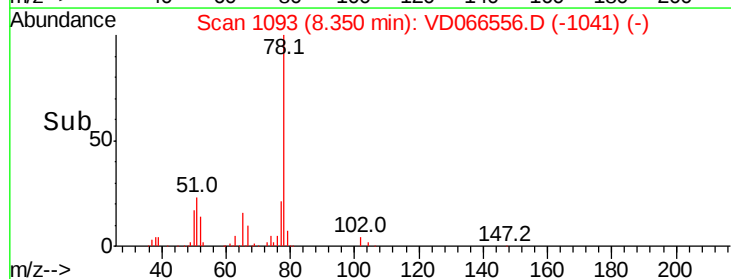
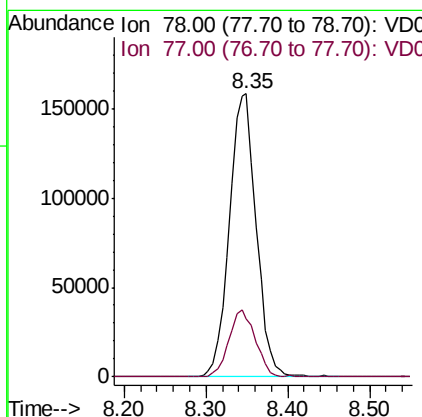
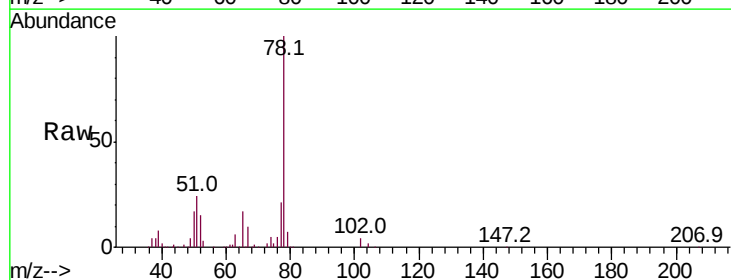
Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

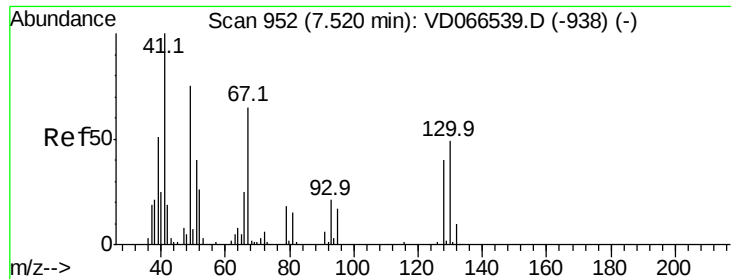
Tot Ion: 83 Resp: 148156
Ion Ratio Lower Upper
83 100
55 75.0 60.8 91.2
98 50.8 38.6 58.0



#40
Benzene
Concen: 20.806 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 78 Resp: 360950
Ion Ratio Lower Upper
78 100
77 20.7 19.1 28.7

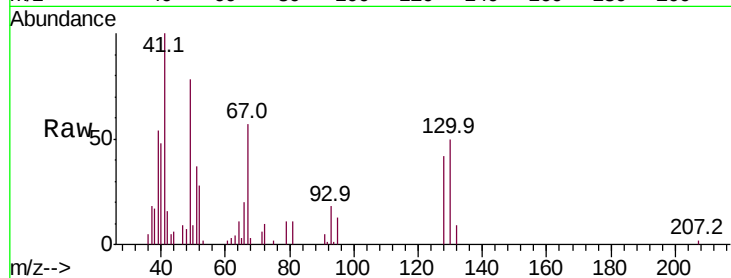




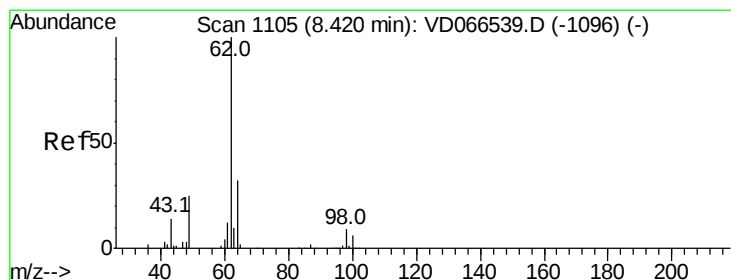
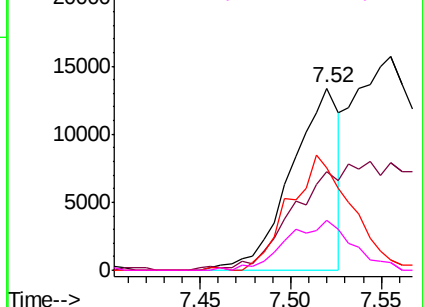
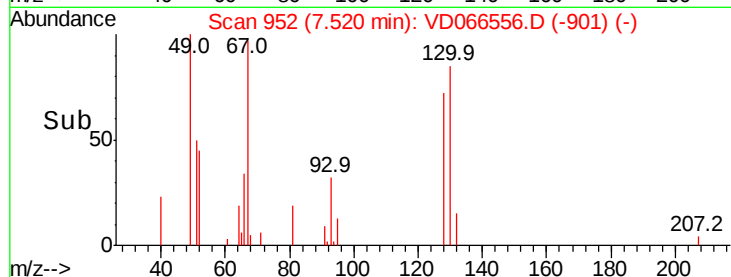
#41
Methacrylonitrile
Concen: 20.241 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion: 41 Resp: 24713
Ion Ratio Lower Upper
41 100
39 0.0 53.6 80.4#
67 81.8 59.2 88.8
52 37.0 26.8 40.2

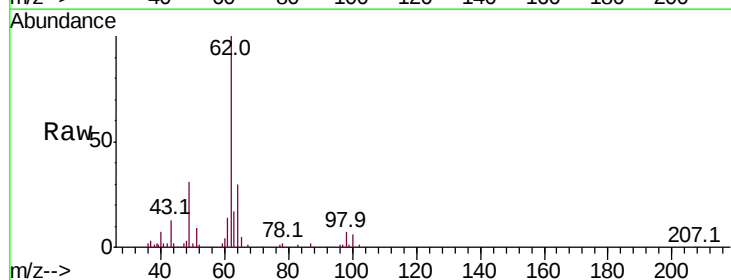


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

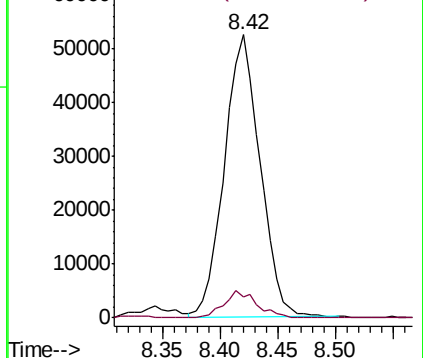
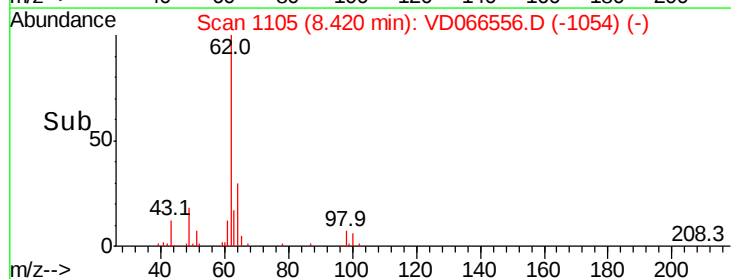


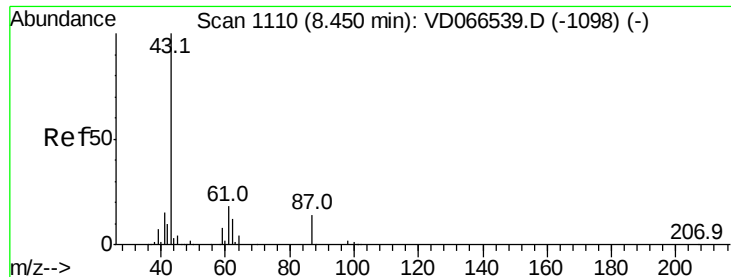
#42
1,2-Dichloroethane
Concen: 20.011 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 62 Resp: 112479
Ion Ratio Lower Upper
62 100
98 8.9 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: 19.350 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

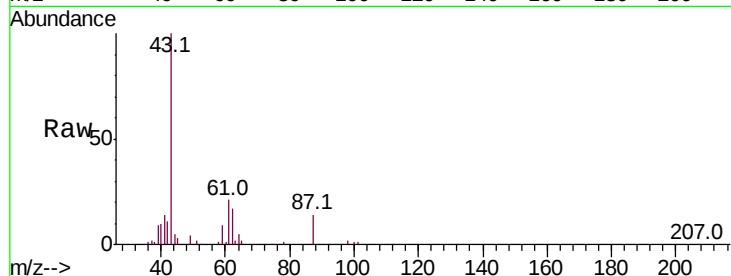
Tot Ion: 43 Resp: 93530

Ion Ratio Lower Upper

43 100

61 31.0 23.8 35.8

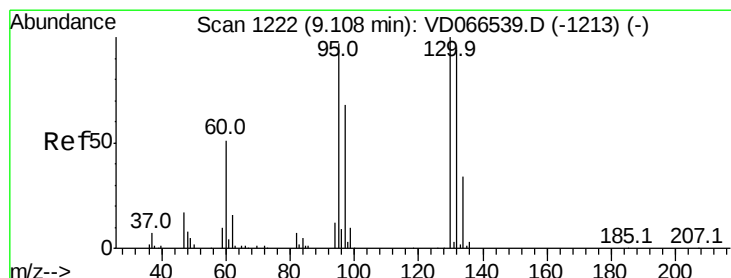
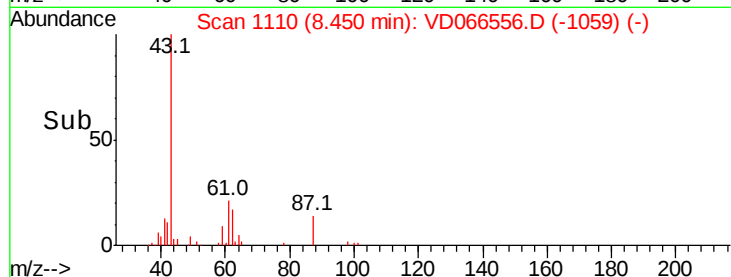
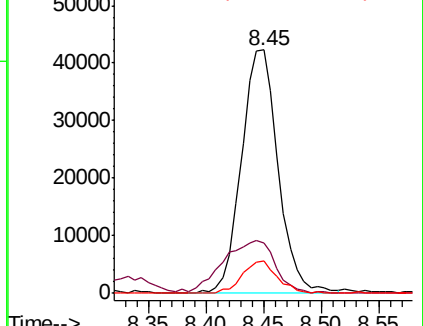
87 12.6 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.457 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066556.D

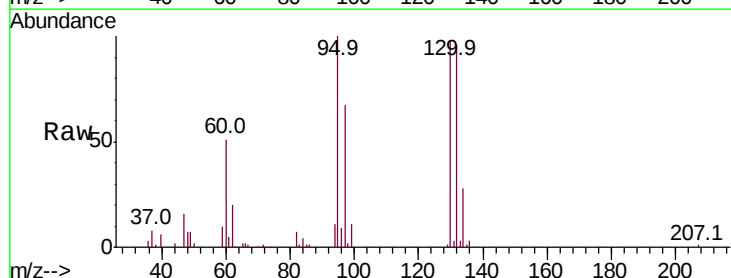
Acq: 04 Sep 2020 12:05

Tgt Ion: 130 Resp: 93092

Ion Ratio Lower Upper

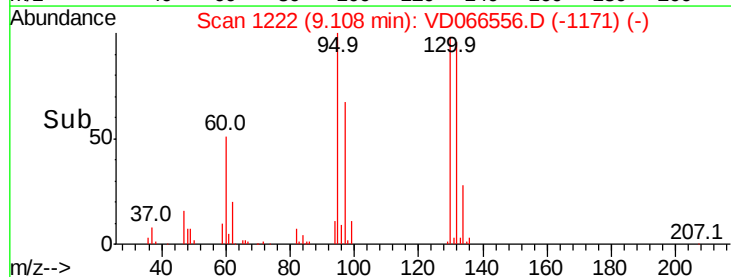
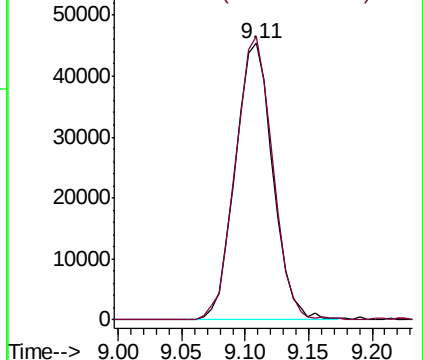
130 100

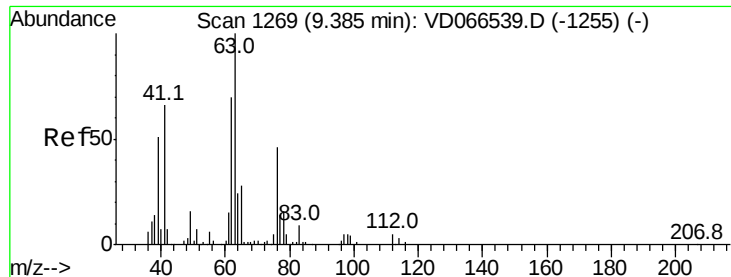
95 102.3 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.898 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

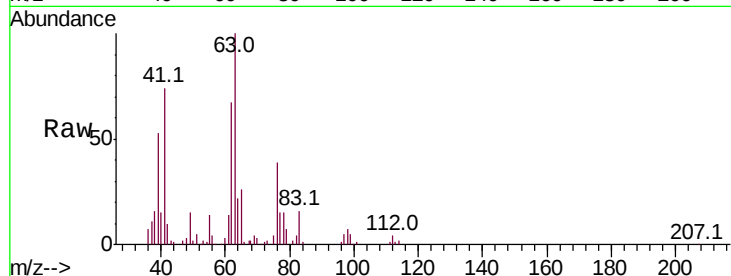
VD0904SBS01

Tot Ion: 63 Resp: 91173

Ion Ratio Lower Upper

63 100

65 25.9 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

50000

40000

30000

20000

10000

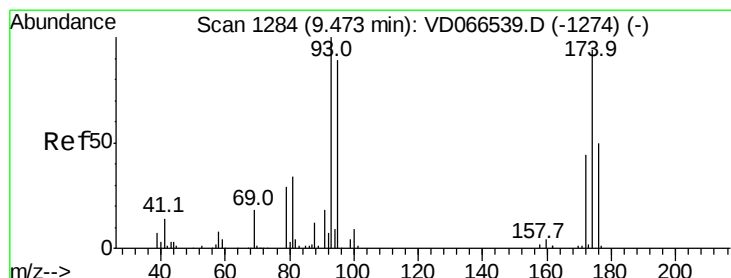
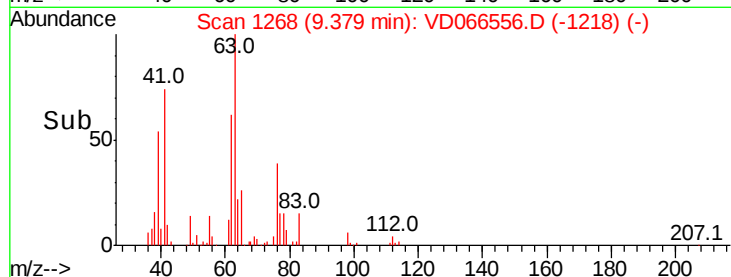
0

9.30

9.40

9.50

Time-->



#46

Dibromomethane

Concen: 19.644 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

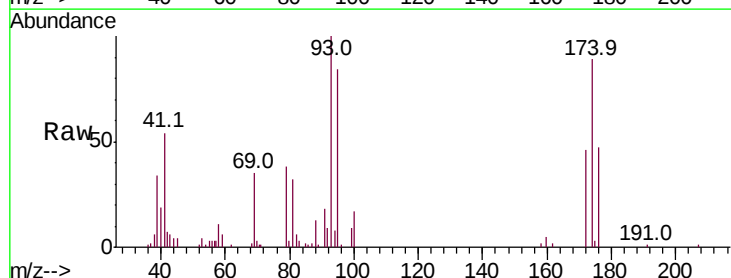
Tgt Ion: 93 Resp: 47284

Ion Ratio Lower Upper

93 100

95 86.7 68.7 103.1

174 88.4 70.0 105.0



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

30000

25000

20000

15000

10000

5000

0

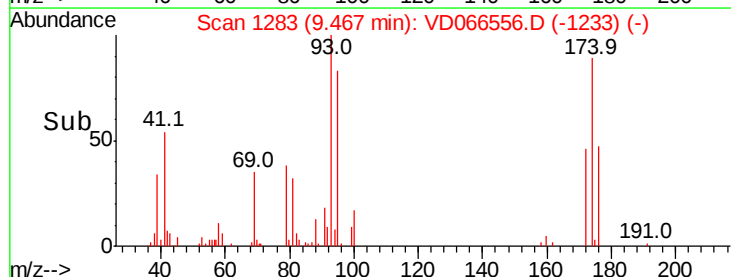
9.40

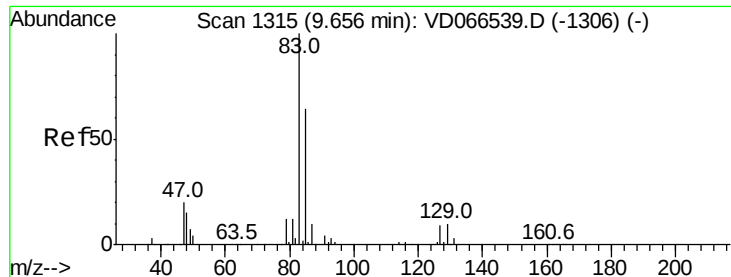
9.45

9.50

9.55

Time-->





#47

Bromodichloromethane

Concen: 20.189 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

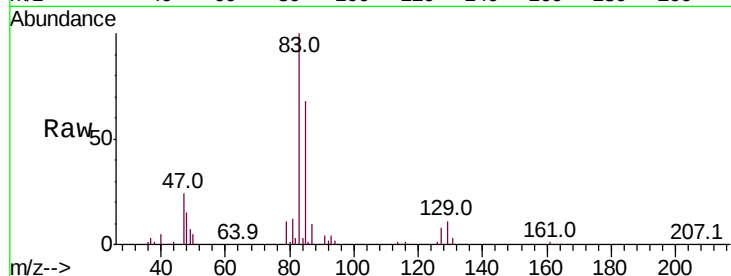
Tot Ion: 83 Resp: 131474

Ion Ratio Lower Upper

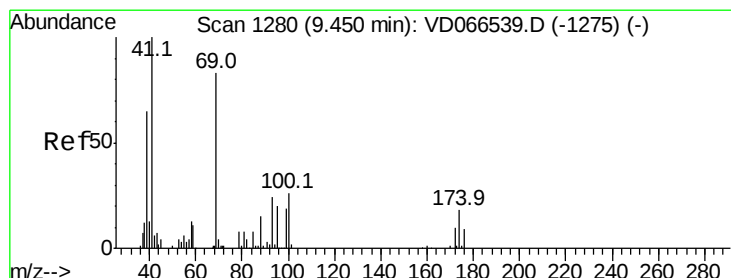
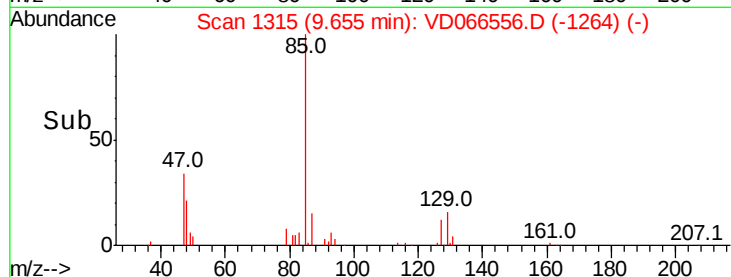
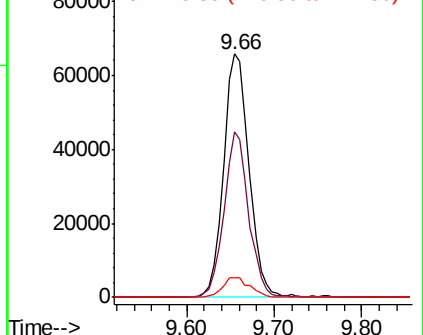
83 100

85 68.0 51.1 76.7

127 7.9 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: 19.323 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

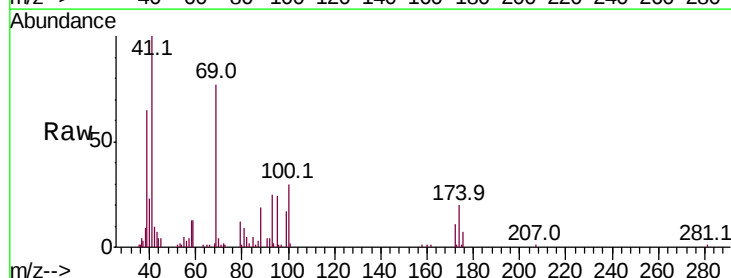
Tgt Ion: 41 Resp: 47229

Ion Ratio Lower Upper

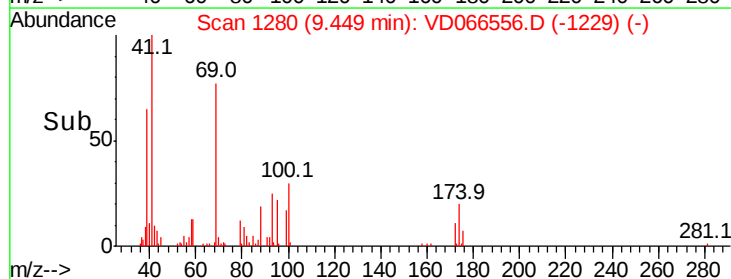
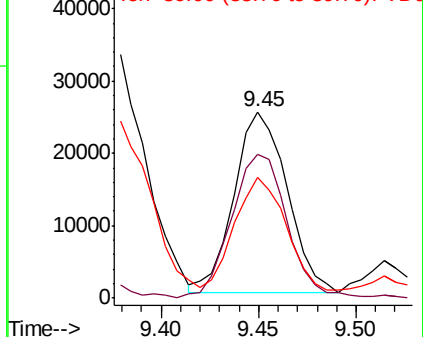
41 100

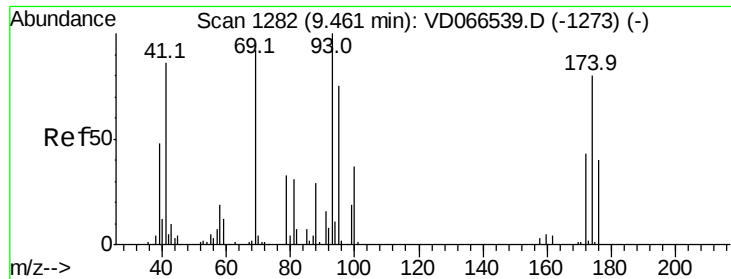
69 83.8 64.5 96.7

39 60.8 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

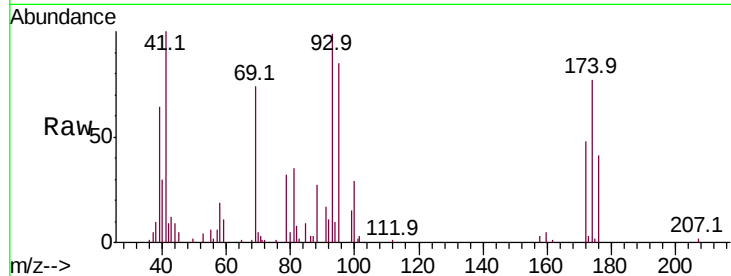




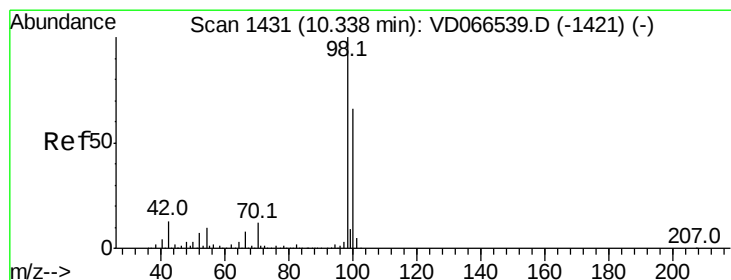
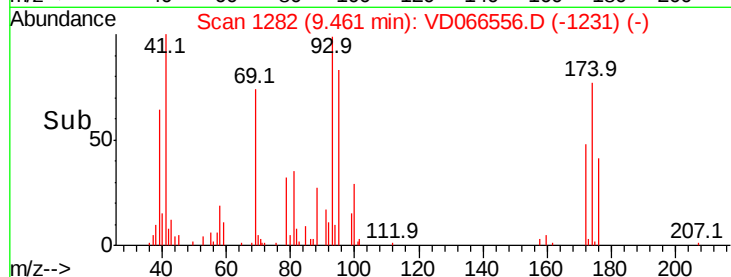
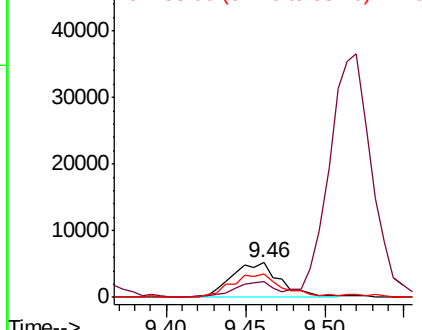
#49
1,4-Dioxane
Concen: 423.947 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion: 88 Resp: 11195
Ion Ratio Lower Upper
88 100
43 36.5 28.3 42.5
58 67.8 56.1 84.1

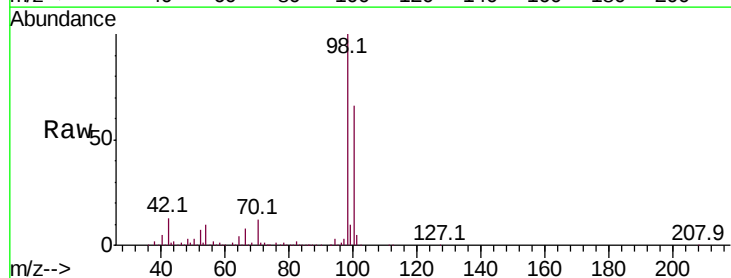


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

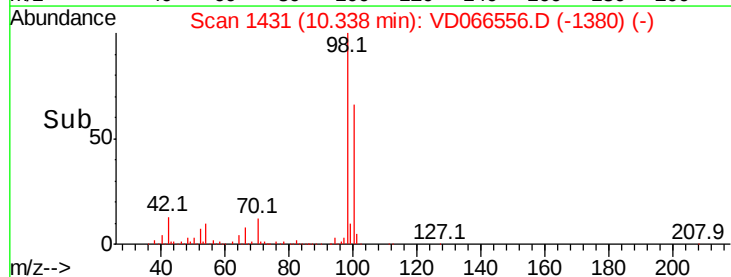
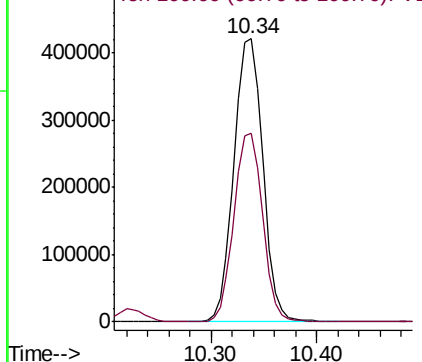


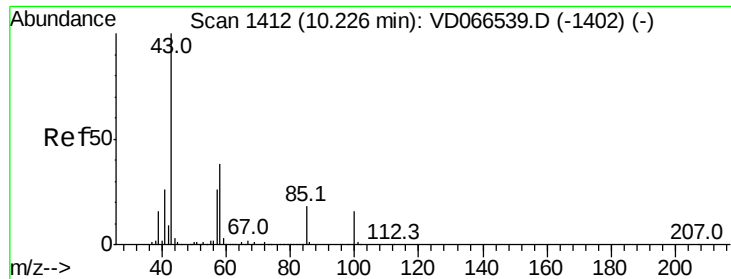
#50
Toluene-d8
Concen: 54.562 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 98 Resp: 800734
Ion Ratio Lower Upper
98 100
100 66.1 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: 100.396 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

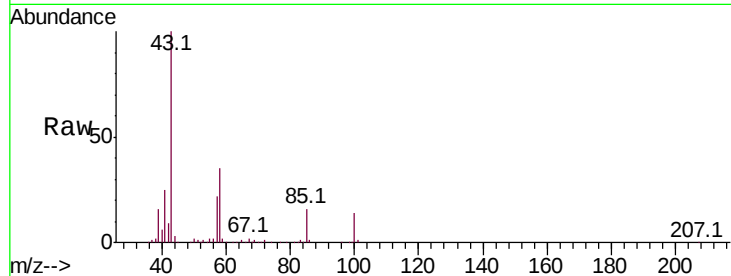
VD0904SBS01

Tot Ion: 43 Resp: 244743

Ion Ratio Lower Upper

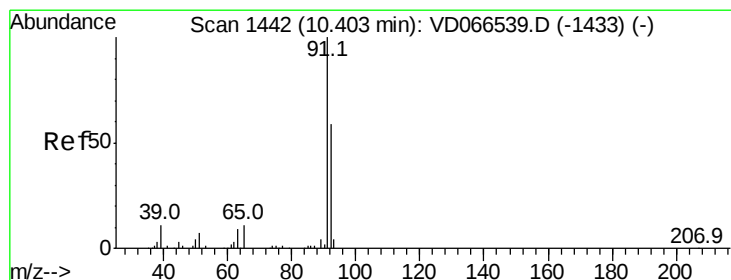
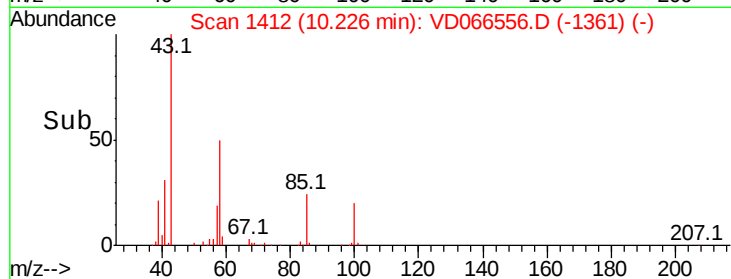
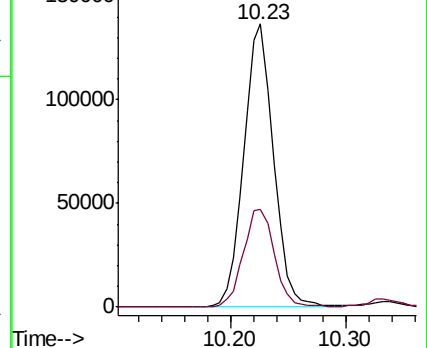
43 100

58 36.2 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.681 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066556.D

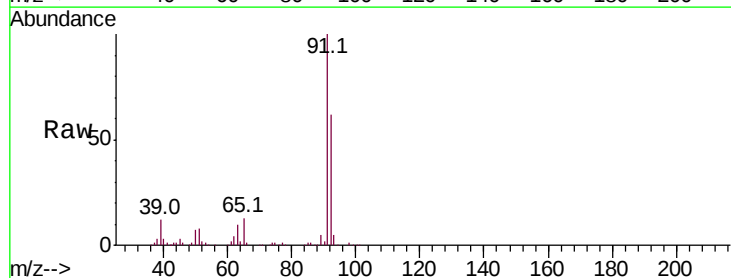
Acq: 04 Sep 2020 12:05

Tgt Ion: 92 Resp: 227112

Ion Ratio Lower Upper

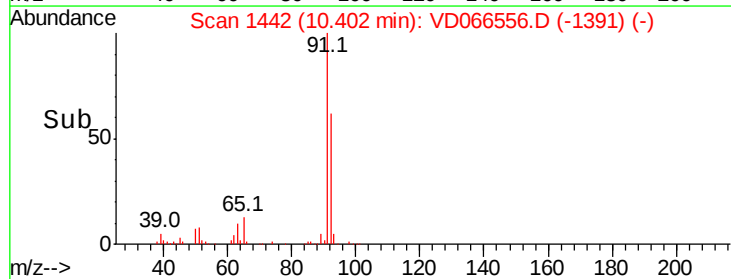
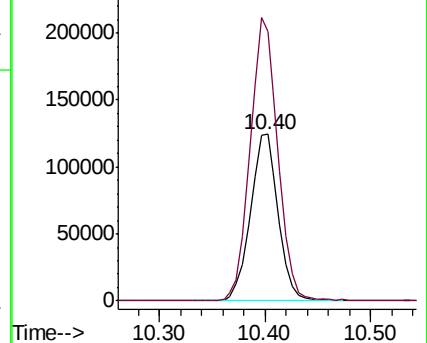
92 100

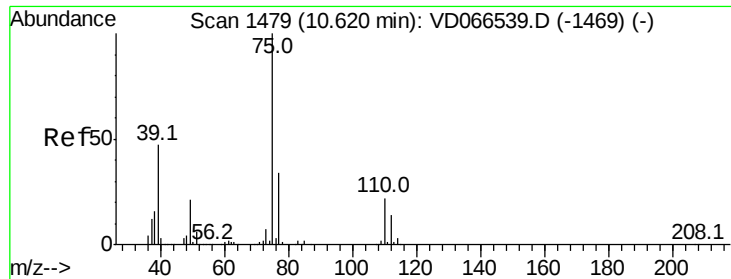
91 168.8 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.741 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

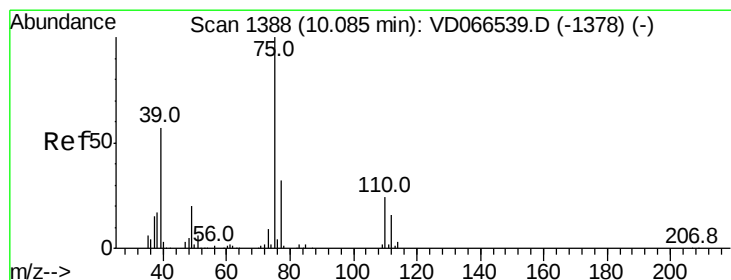
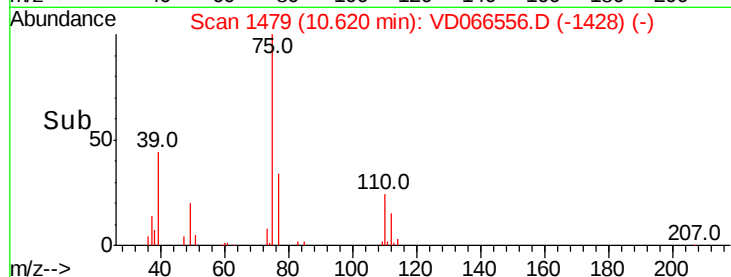
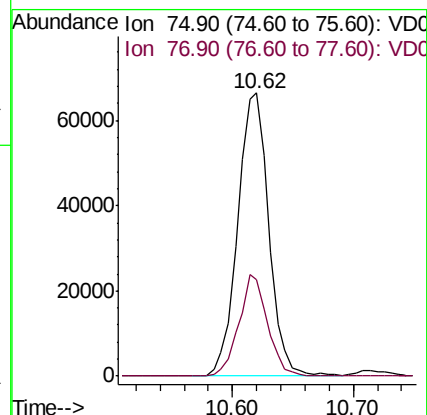
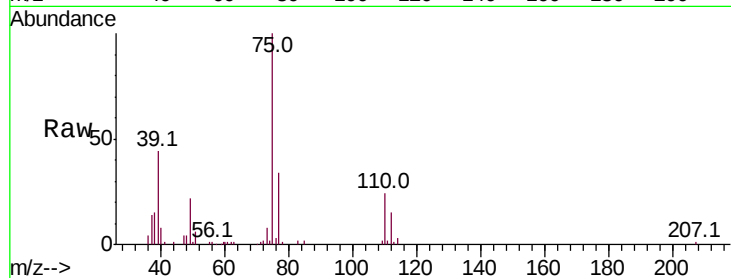
VD0904SBS01

Tot Ion: 75 Resp: 119235

Ion Ratio Lower Upper

75 100

77 34.2 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 20.851 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

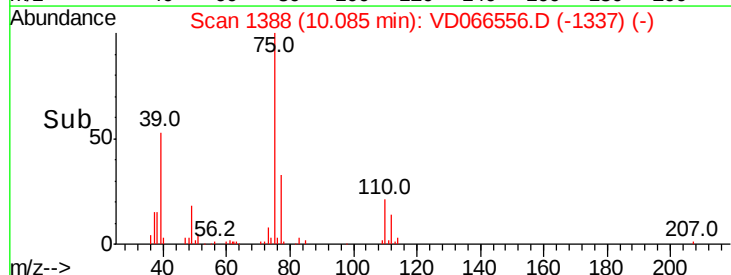
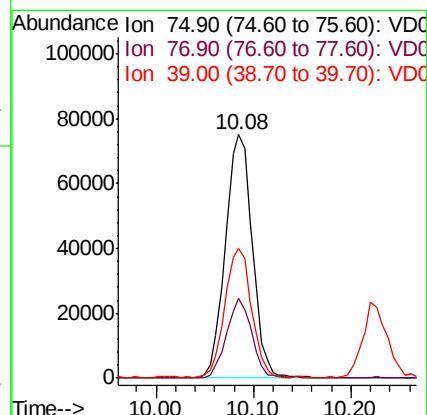
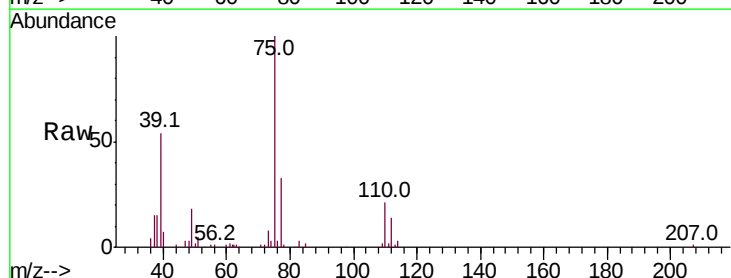
Tgt Ion: 75 Resp: 143945

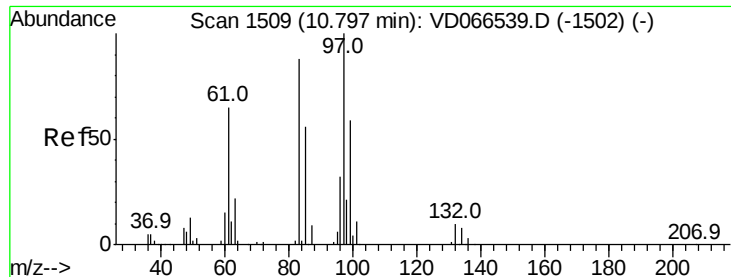
Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0

39 53.5 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 20.645 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

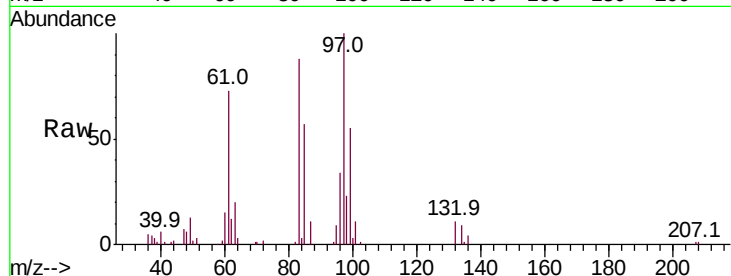
MSVOA_D

ClientSampleId :

VD0904SBS01

Tot Ion: 97 Resp: 63892

Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.1	105.1
85	56.9	44.5	66.7
99	55.3	47.1	70.7

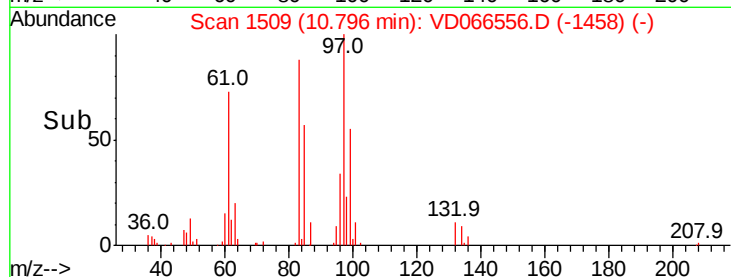


Abundance Ion 96.90 (96.60 to 97.60): VDC

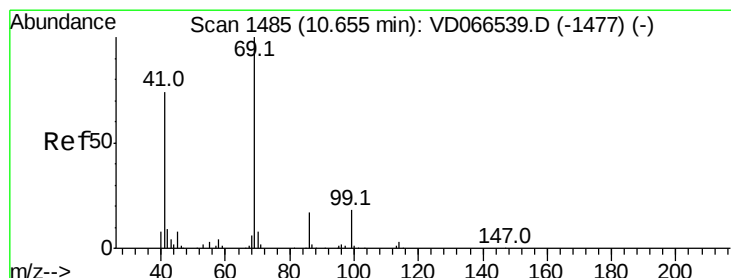
Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



Time--> 10.70 10.75 10.80 10.85



#56

Ethyl methacrylate

Concen: 19.460 ug/l

RT: 10.66 min Scan# 1486

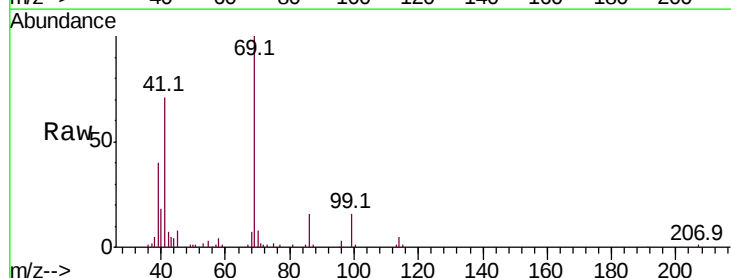
Delta R.T. 0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion: 69 Resp: 70121

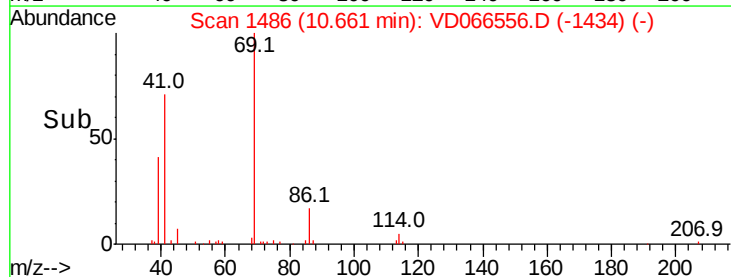
Ion	Ratio	Lower	Upper
69	100		
41	73.9	56.8	85.2
39	43.0	30.6	46.0



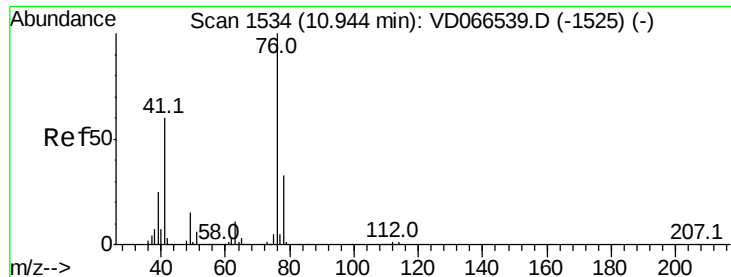
Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC



Time--> 10.60 10.70



#57

1,3-Dichloropropane

Concen: 20.051 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

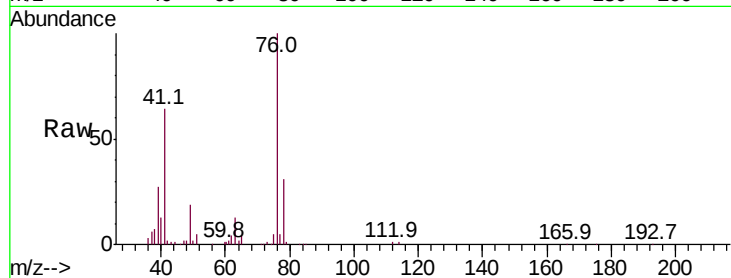
VD0904SBS01

Tot Ion: 76 Resp: 108692

Ion Ratio Lower Upper

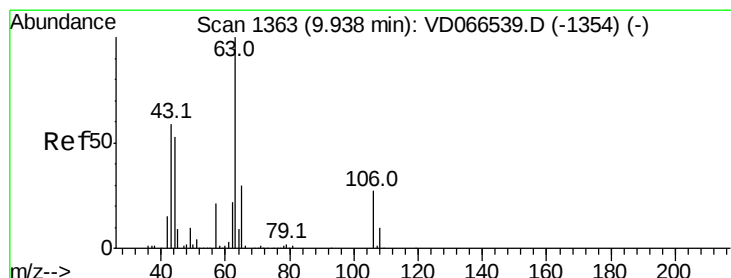
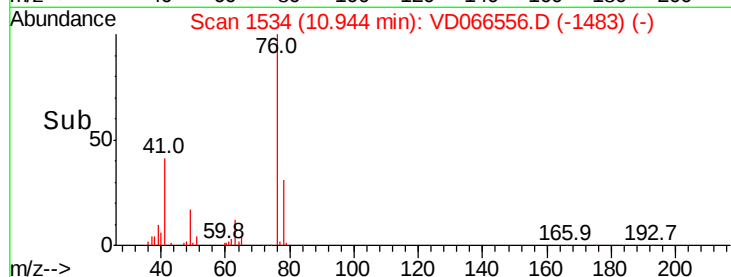
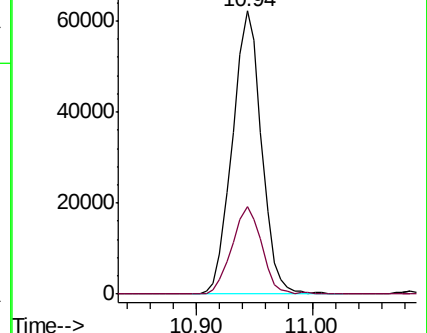
76 100

78 31.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 113.057 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066556.D

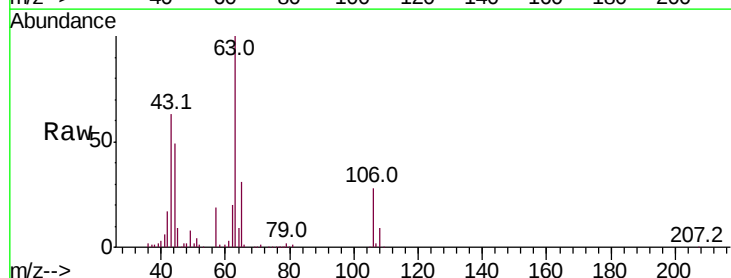
Acq: 04 Sep 2020 12:05

Tgt Ion: 63 Resp: 186338

Ion Ratio Lower Upper

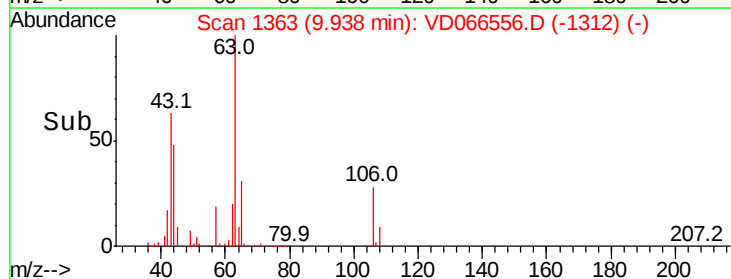
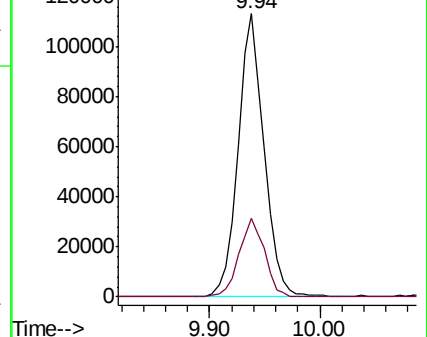
63 100

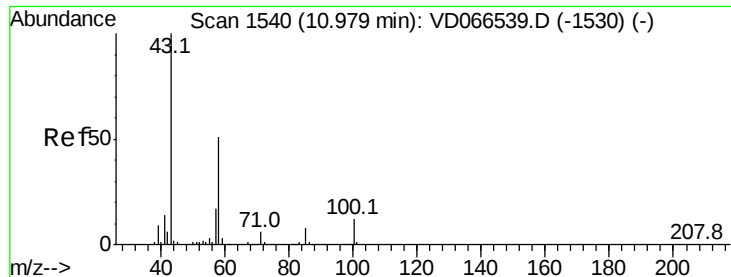
106 27.3 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

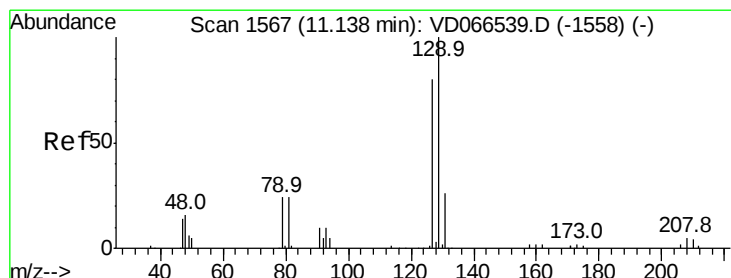
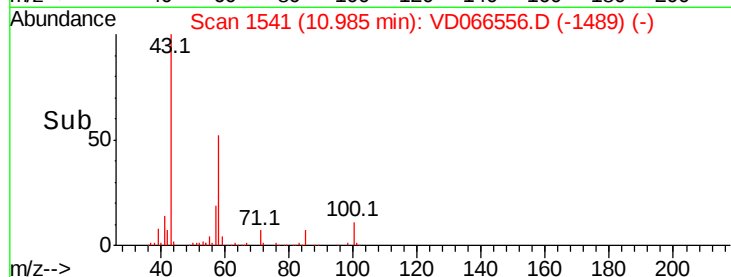
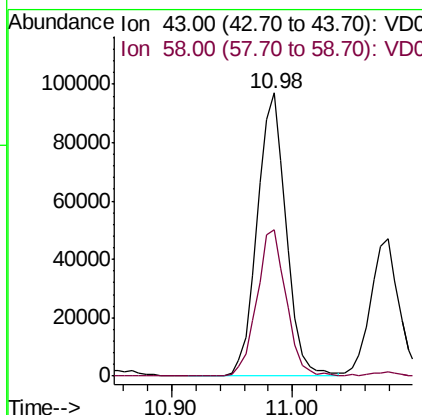
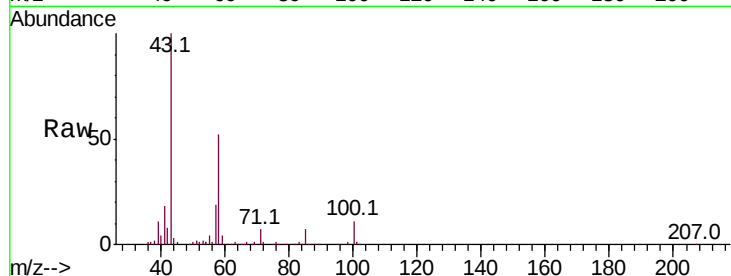




#59
2-Hexanone
Concen: 99.059 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

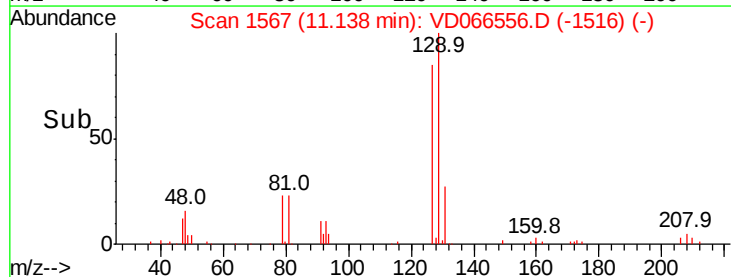
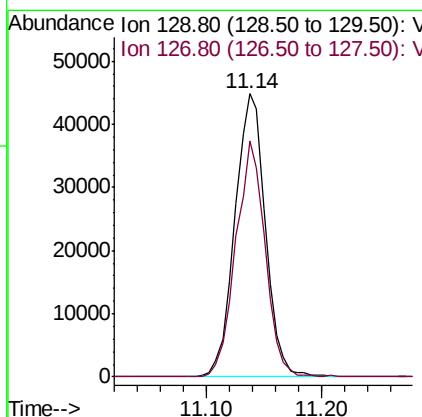
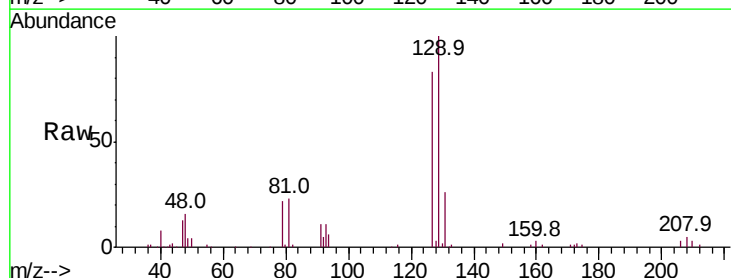
Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

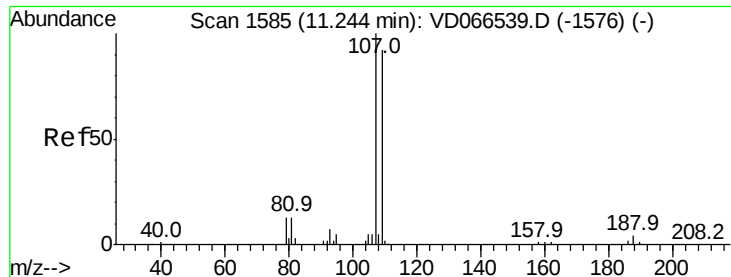
Tot Ion: 43 Resp: 162394
Ion Ratio Lower Upper
43 100
58 52.5 25.6 76.8



#60
Dibromochloromethane
Concen: 20.029 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 129 Resp: 81967
Ion Ratio Lower Upper
129 100
127 80.2 39.5 118.3





#61

1,2-Dibromoethane

Concen: 20.225 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

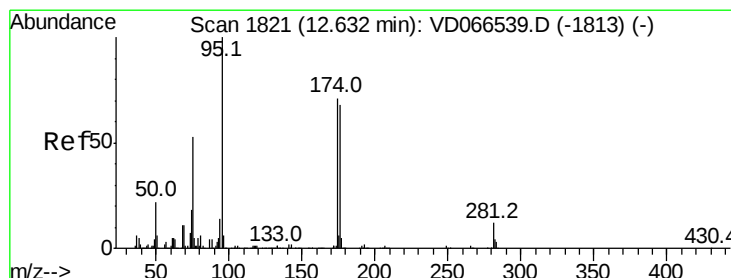
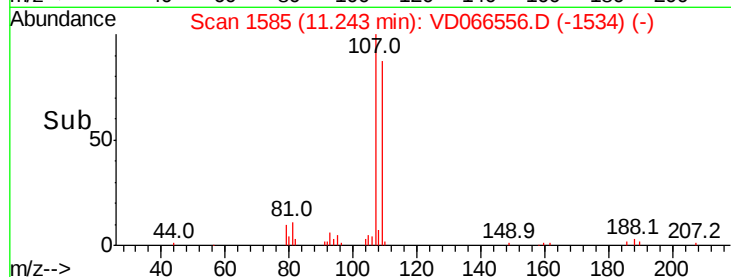
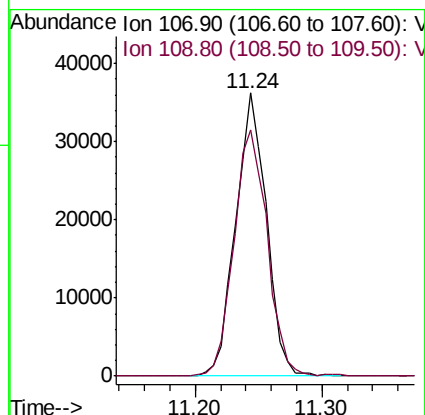
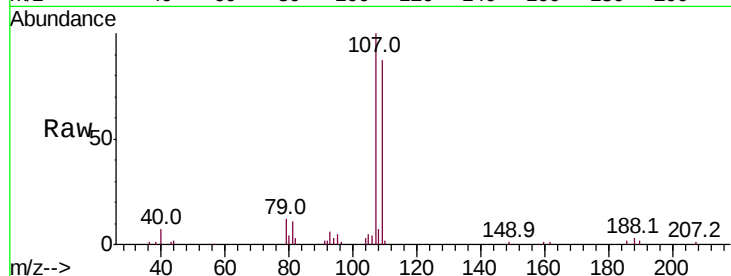
VD0904SBS01

Tot Ion:107 Resp: 60894

Ion Ratio Lower Upper

107 100

109 94.0 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 53.346 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

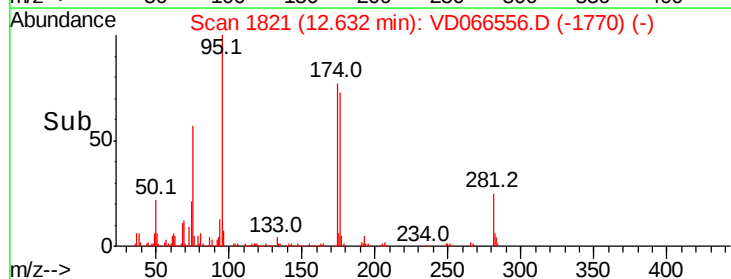
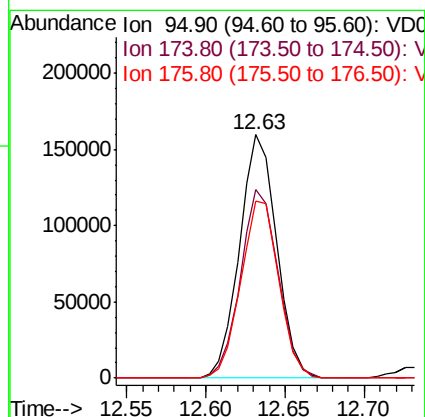
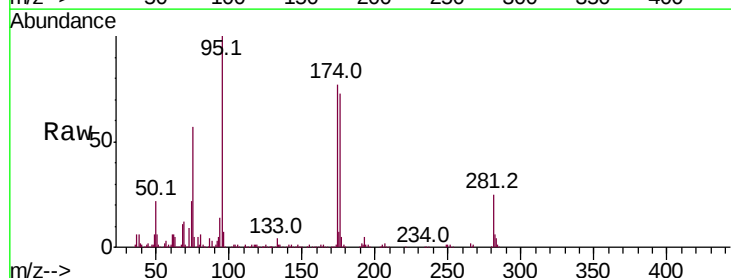
Tgt Ion: 95 Resp: 259599

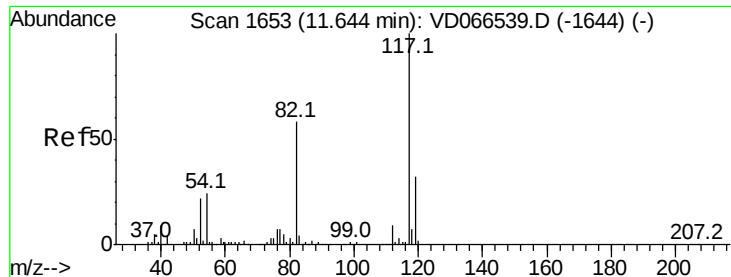
Ion Ratio Lower Upper

95 100

174 78.4 0.0 155.8

176 74.6 0.0 148.6

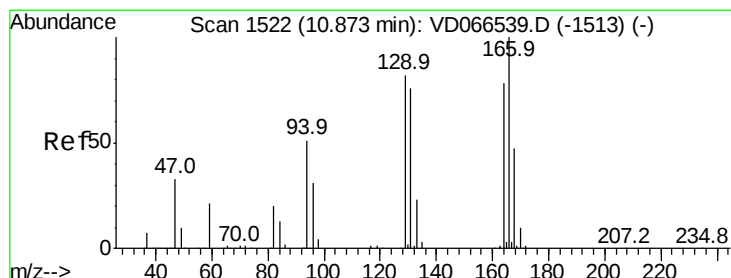
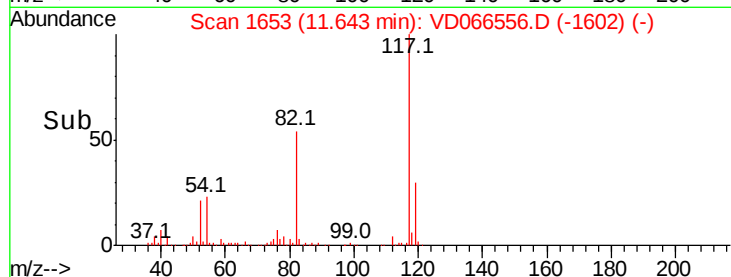
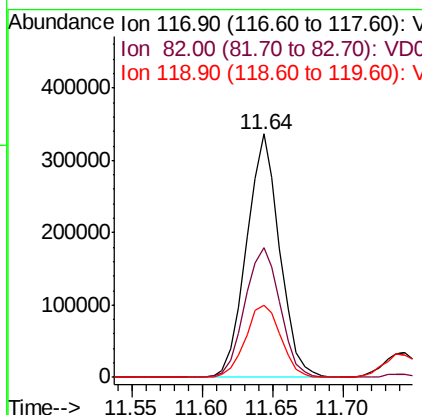
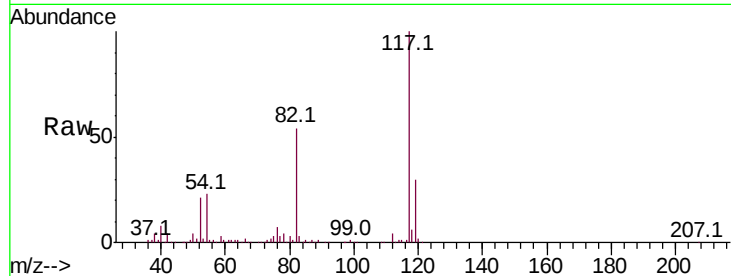




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

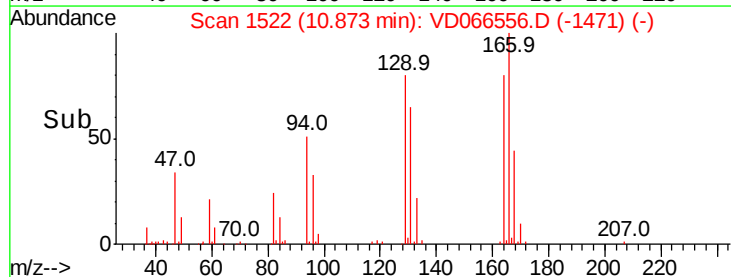
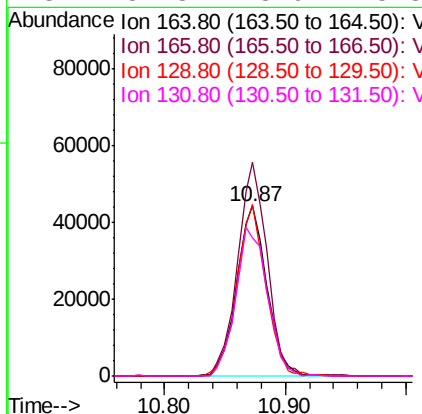
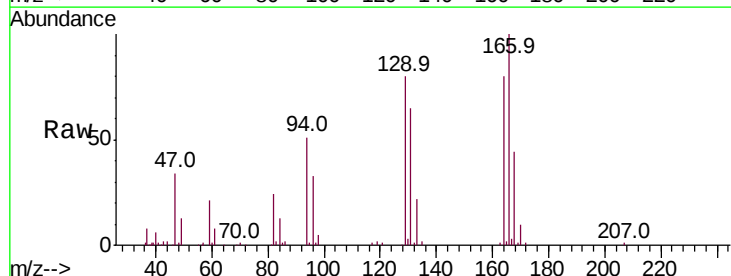
Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

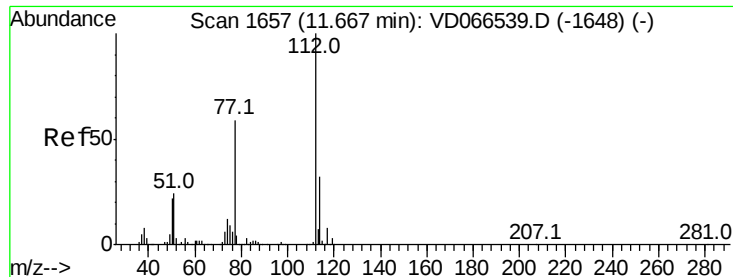
Tot Ion:117 Resp: 552793
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.2
119 29.7 25.8 38.8



#64
Tetrachloroethene
Concen: 20.900 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion:164 Resp: 77790
Ion Ratio Lower Upper
164 100
166 125.6 103.2 154.8
129 101.0 84.5 126.7
131 81.3 78.9 118.3





#65

Chlorobenzene

Concen: 20.675 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

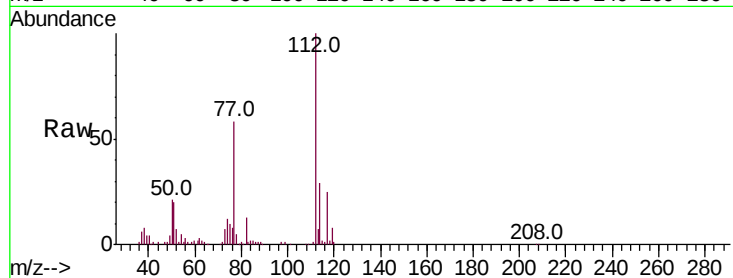
VD0904SBS01

Tot Ion:112 Resp: 235883

Ion Ratio Lower Upper

112 100

114 29.5 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

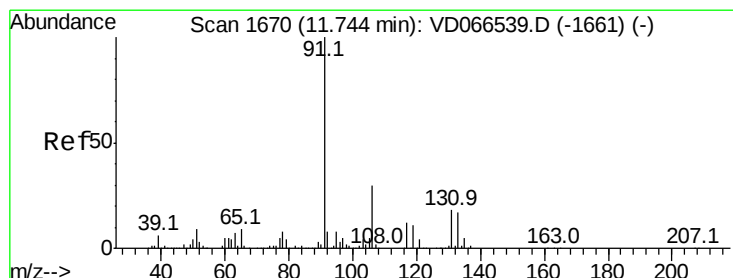
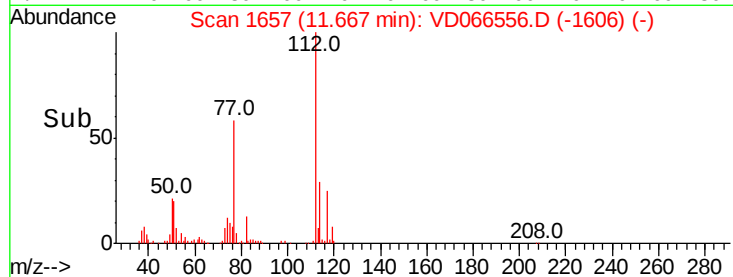
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.107 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

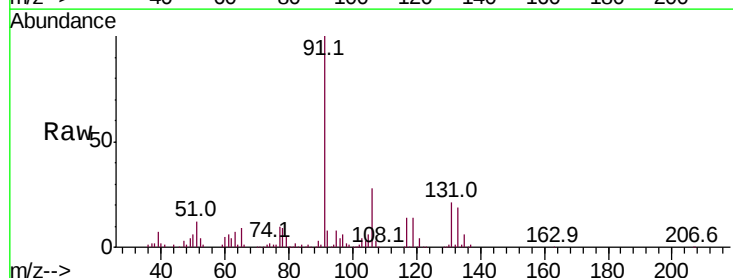
Tgt Ion:131 Resp: 87555

Ion Ratio Lower Upper

131 100

133 91.4 46.7 140.0

119 64.8 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

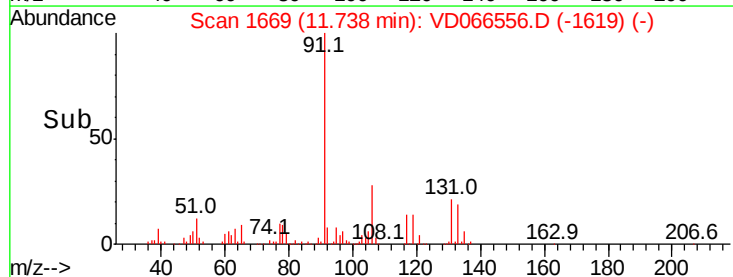
Ion 118.80 (118.50 to 119.50): V

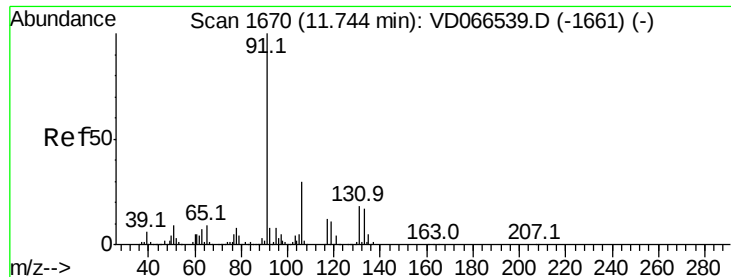
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 20.048 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

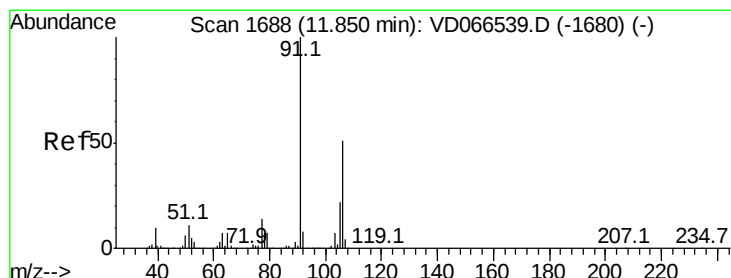
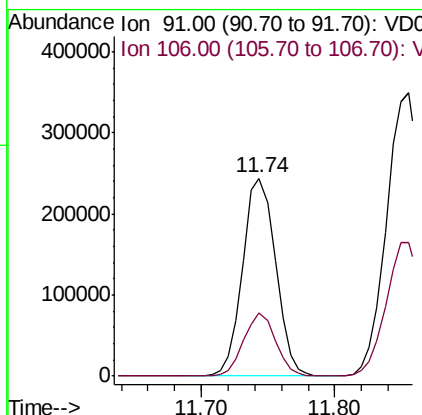
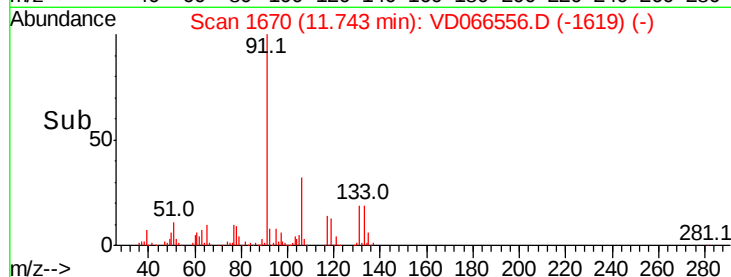
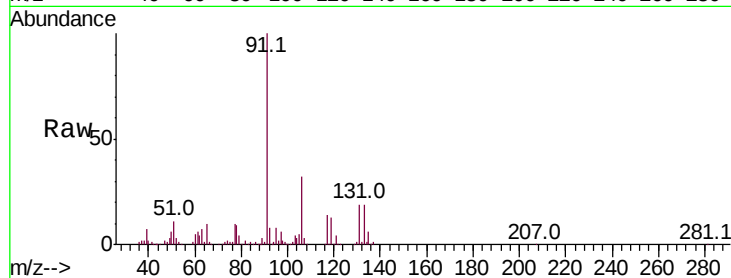
VD0904SBS01

Tot Ion: 91 Resp: 419999

Ion Ratio Lower Upper

91 100

106 31.7 24.3 36.5



#68

m/p-Xylenes

Concen: 41.431 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066556.D

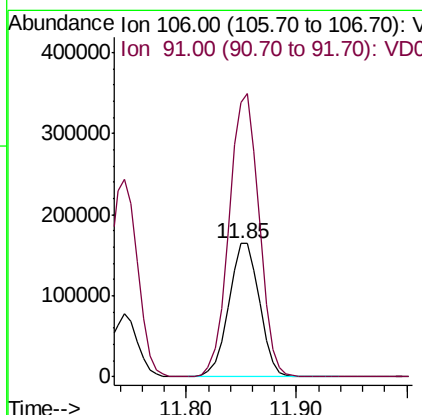
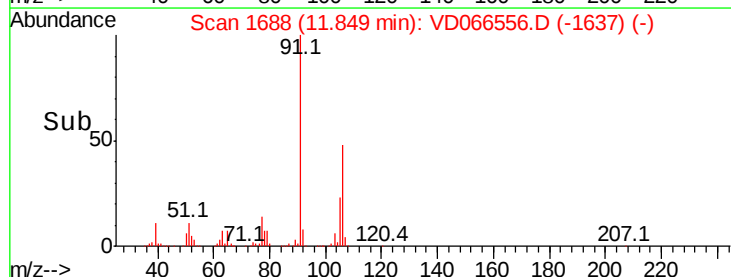
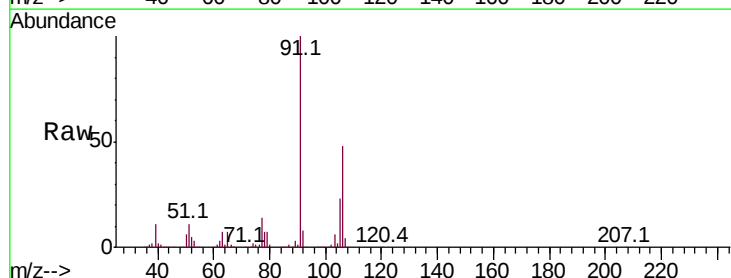
Acq: 04 Sep 2020 12:05

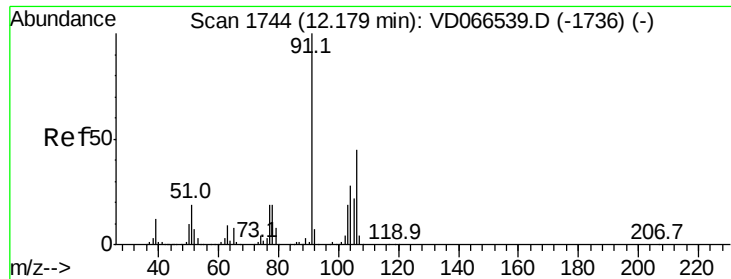
Tgt Ion: 106 Resp: 322278

Ion Ratio Lower Upper

106 100

91 207.6 162.4 243.6

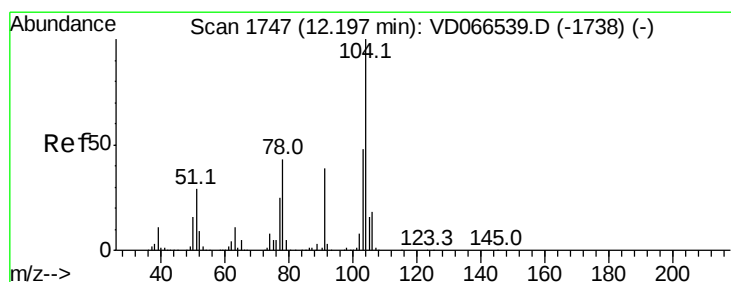
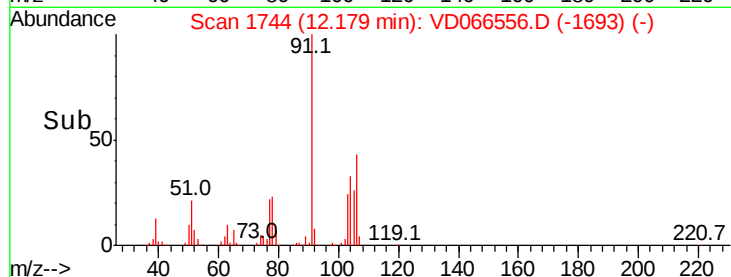
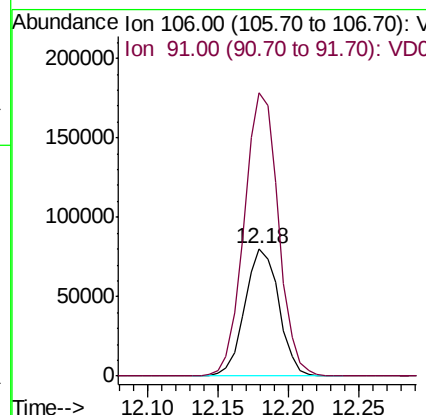
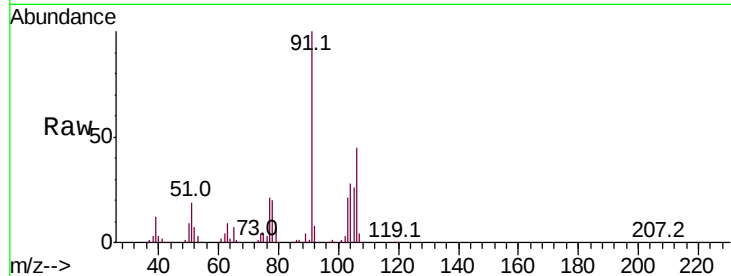




#69
o-Xylene
Concen: 19.481 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

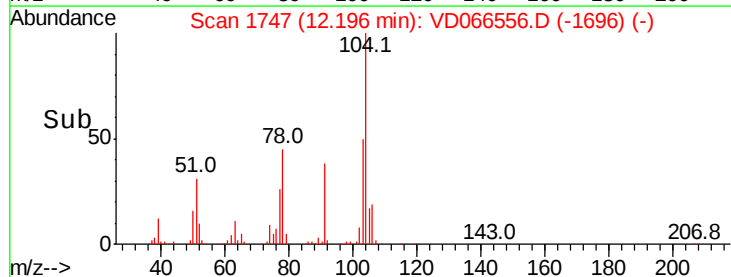
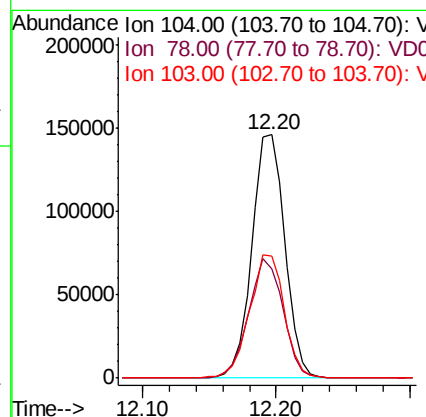
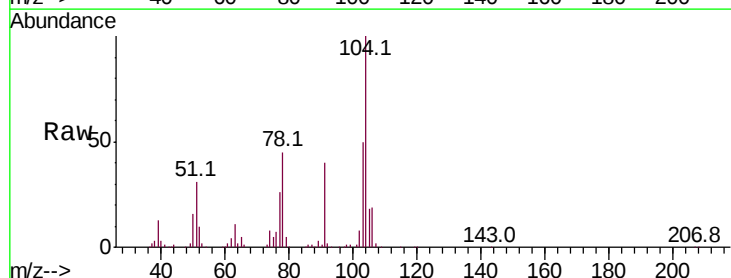
Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

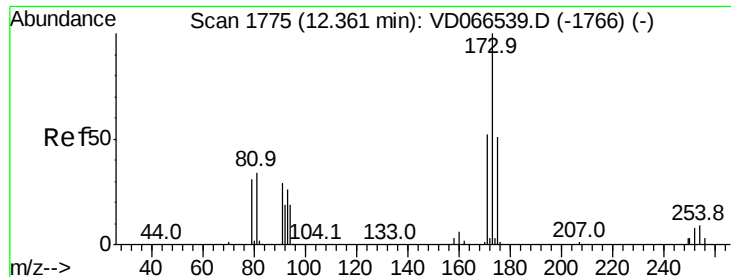
Tot Ion:106 Resp: 135802
Ion Ratio Lower Upper
106 100
91 223.7 107.9 323.8



#70
Styrene
Concen: 20.485 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion:104 Resp: 248271
Ion Ratio Lower Upper
104 100
78 51.8 40.7 61.1
103 53.7 42.9 64.3





#71

Bromoform

Concen: 20.368 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

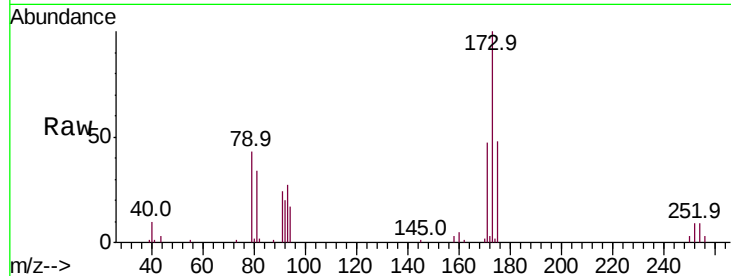
Tot Ion:173 Resp: 44696

Ion Ratio Lower Upper

173 100

175 47.4 24.2 72.6

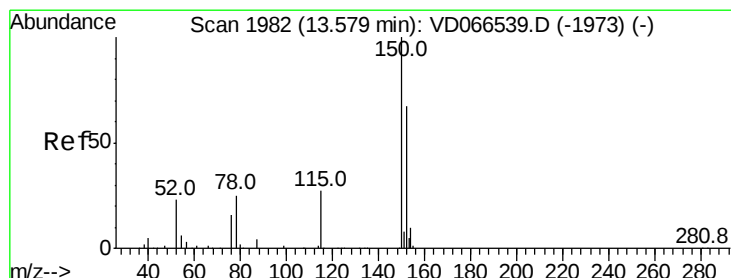
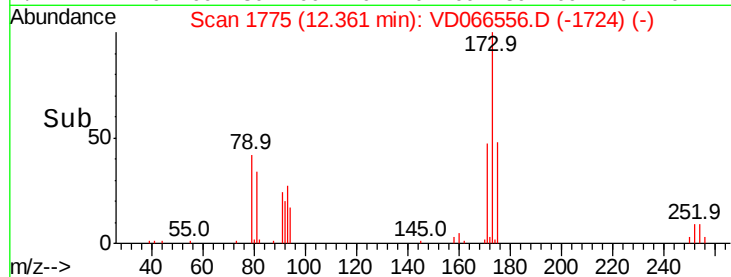
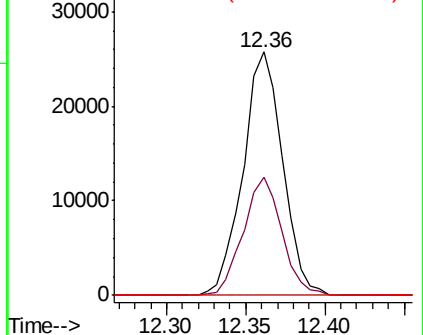
254 0.0 0.0 0.0



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: VD066556.D

Acq: 04 Sep 2020 12:05

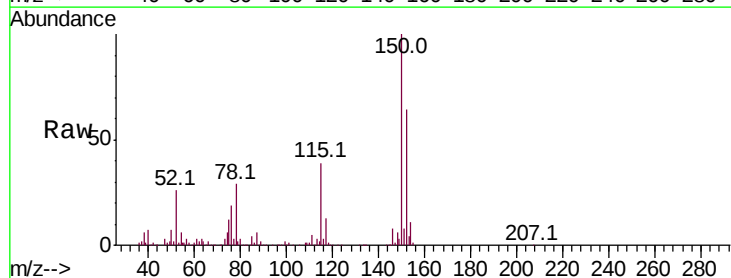
Tgt Ion:152 Resp: 254212

Ion Ratio Lower Upper

152 100

115 63.1 30.4 91.2

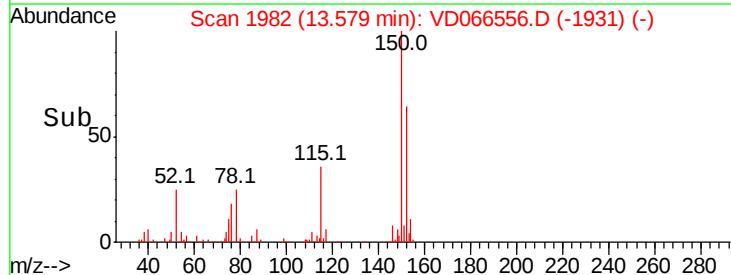
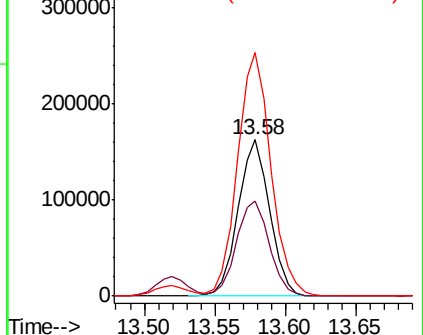
150 164.9 0.0 345.8

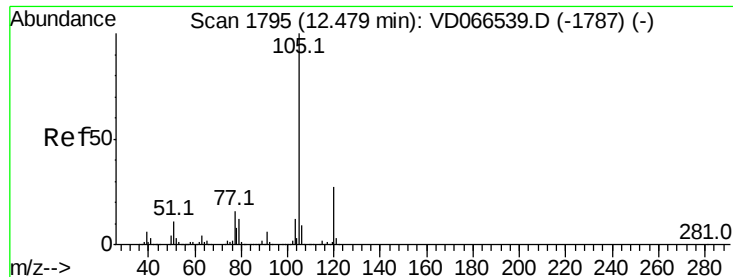


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.299 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

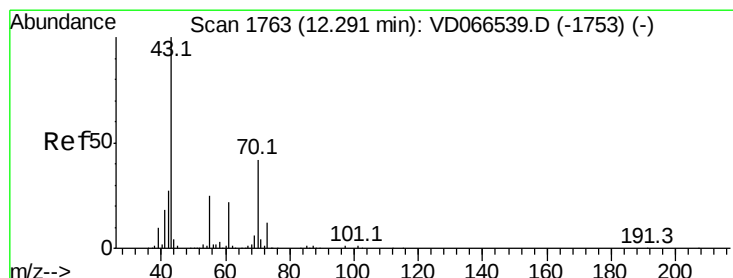
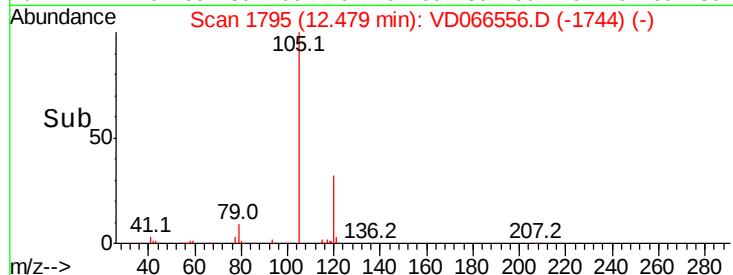
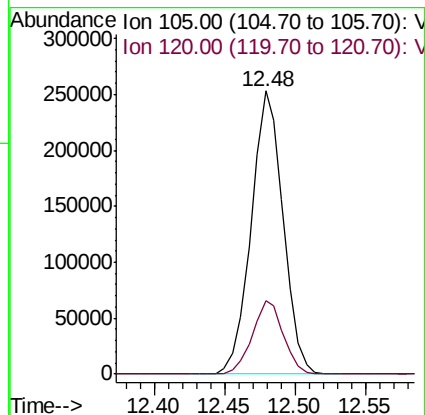
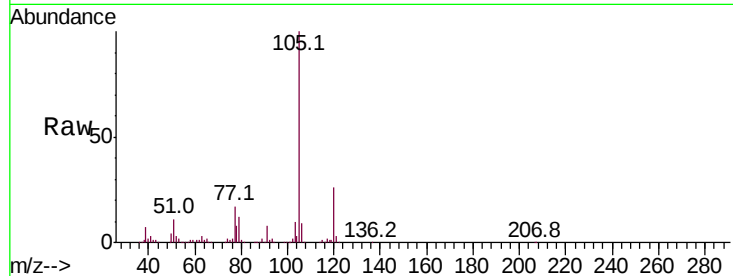
VD0904SBS01

Tot Ion:105 Resp: 400882

Ion Ratio Lower Upper

105 100

120 25.3 13.0 39.0



#74

N-ethyl acetate

Concen: 19.478 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion: 43 Resp: 83032

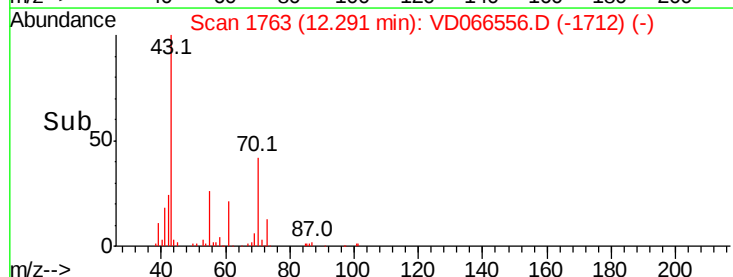
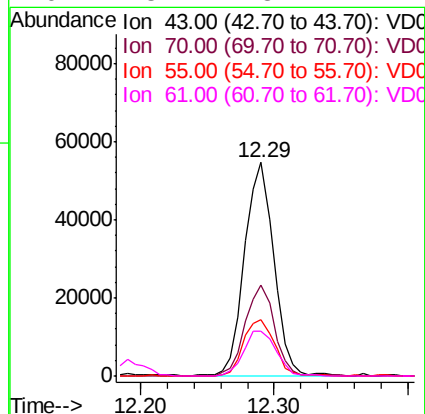
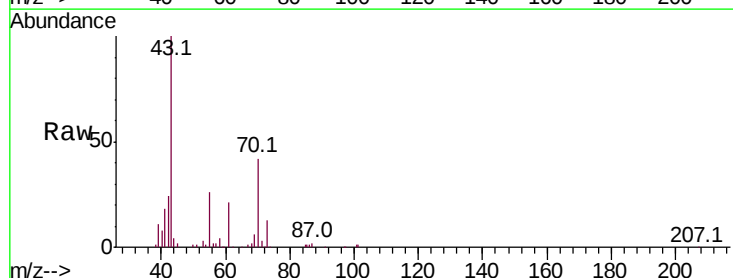
Ion Ratio Lower Upper

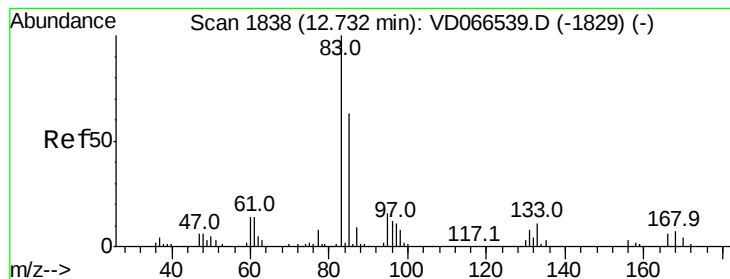
43 100

70 42.8 33.4 50.2

55 28.0 20.1 30.1

61 23.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.820 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

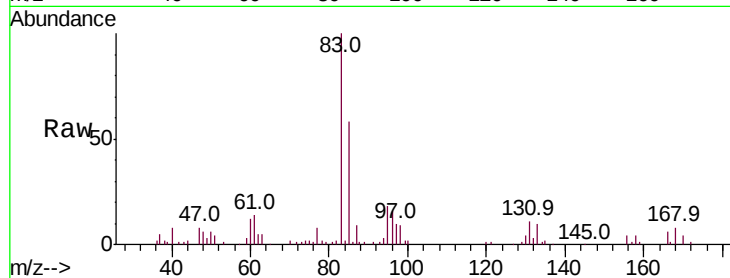
Tot Ion: 83 Resp: 69228

Ion Ratio Lower Upper

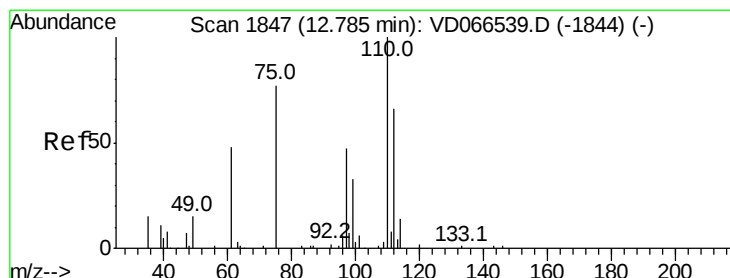
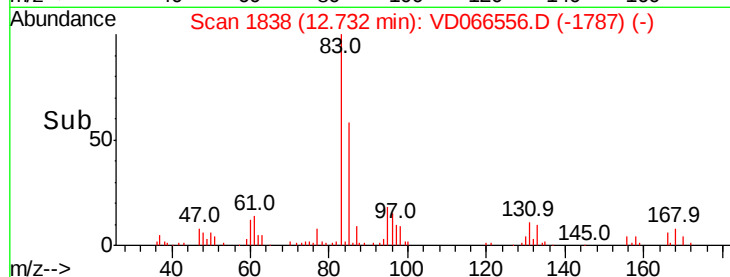
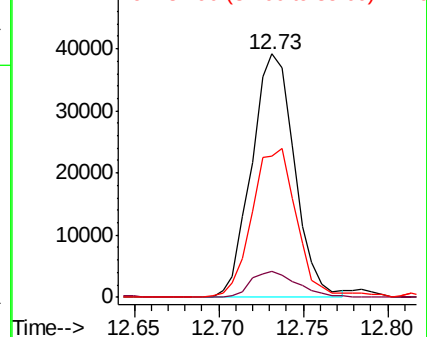
83 100

131 11.6 5.0 15.0

85 63.7 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: 37.218 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066556.D

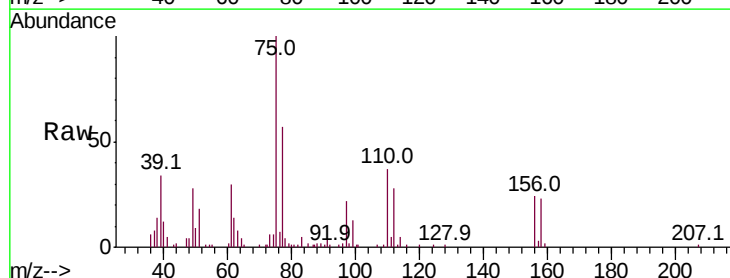
Acq: 04 Sep 2020 12:05

Tgt Ion: 75 Resp: 90991

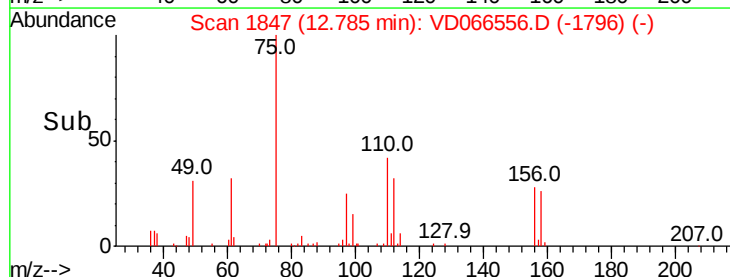
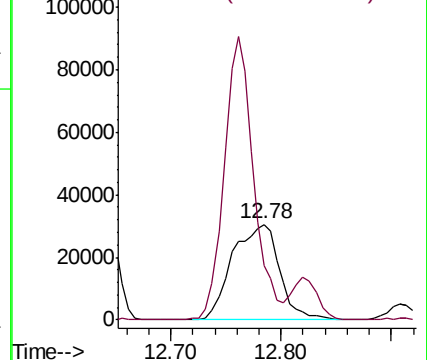
Ion Ratio Lower Upper

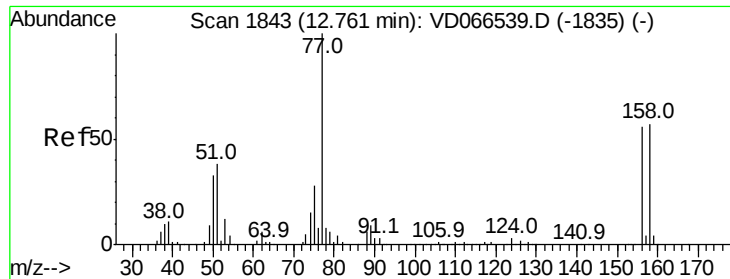
75 100

77 0.0 0.0 0.0



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

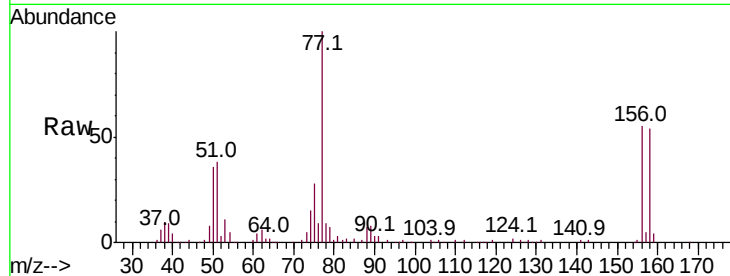




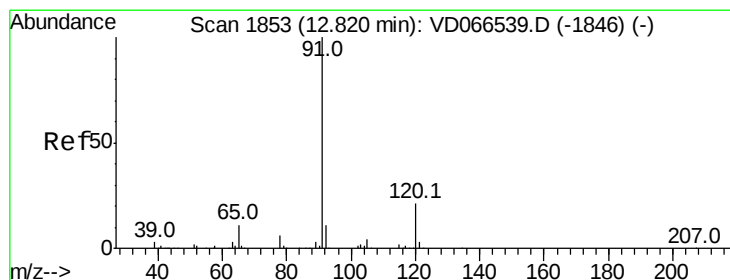
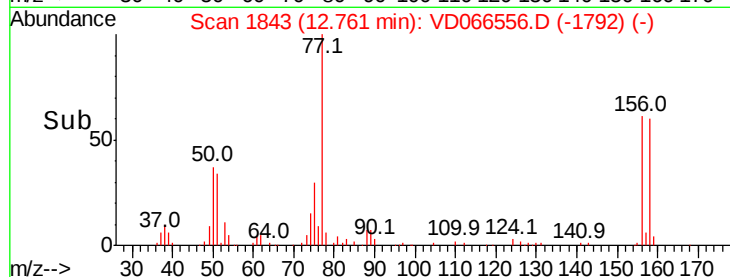
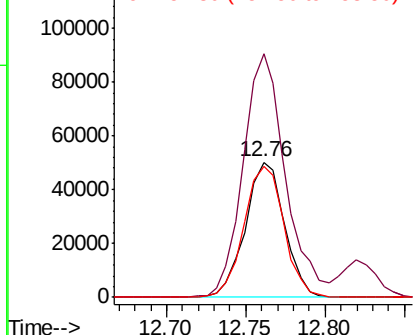
#77
Bromobenzene
Concen: 20.501 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion:156 Resp: 86027
Ion Ratio Lower Upper
156 100
77 196.1 98.0 294.1
158 99.0 48.1 144.3

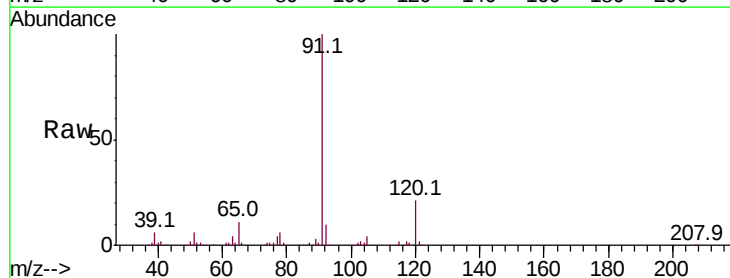


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

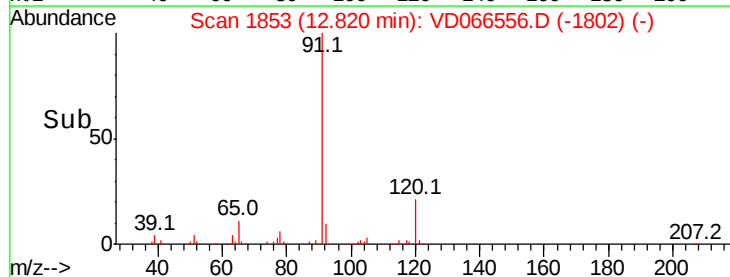
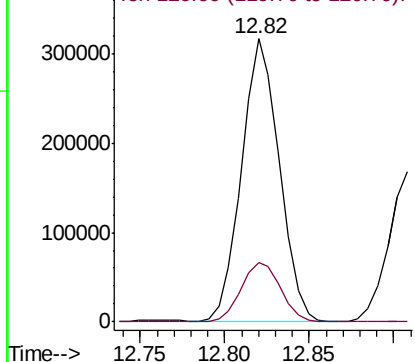


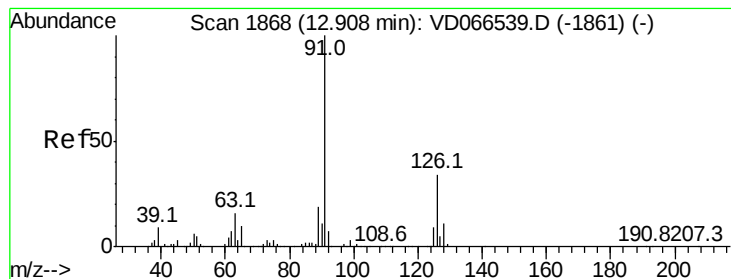
#78
n-propylbenzene
Concen: 21.491 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 91 Resp: 490346
Ion Ratio Lower Upper
91 100
120 22.2 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: 21.151 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

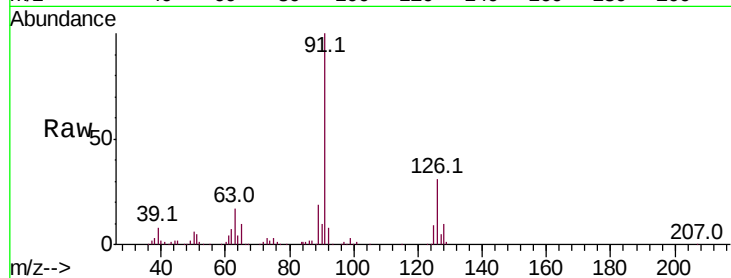
VD0904SBS01

Tot Ion: 91 Resp: 270732

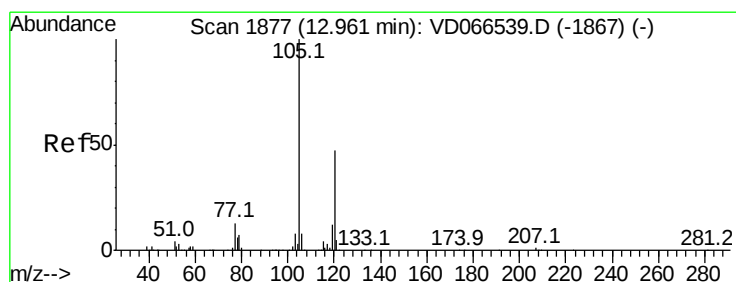
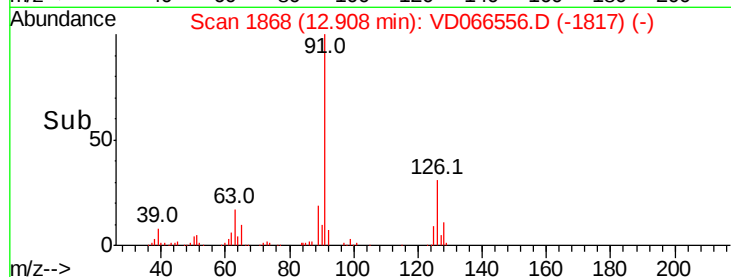
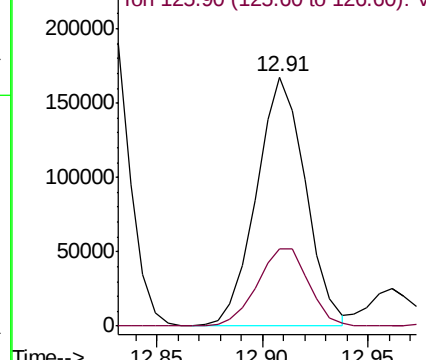
Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 21.761 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066556.D

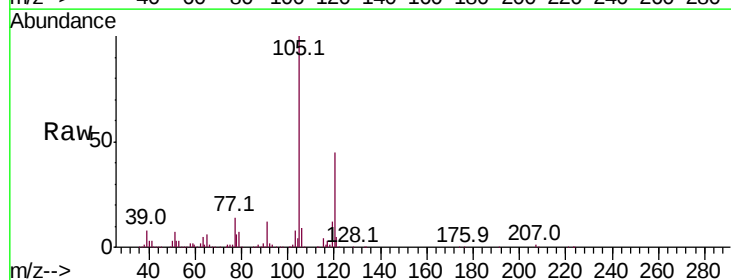
Acq: 04 Sep 2020 12:05

Tgt Ion:105 Resp: 344736

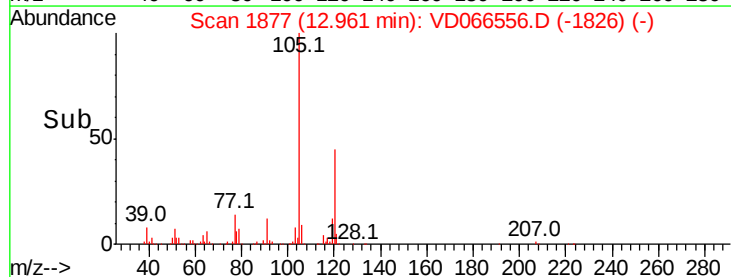
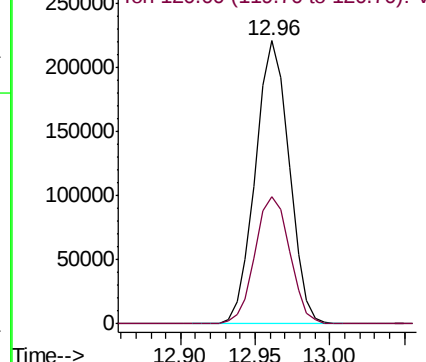
Ion Ratio Lower Upper

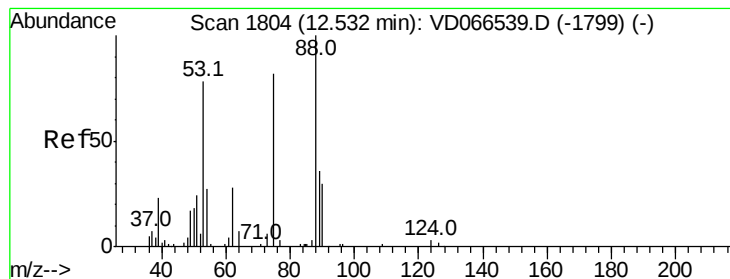
105 100

120 46.4 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.883 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

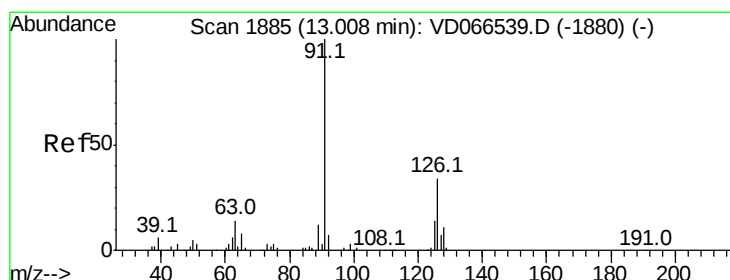
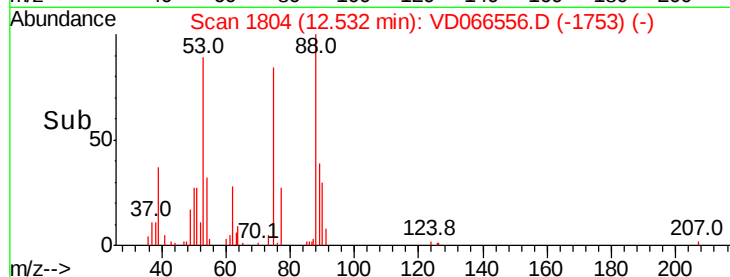
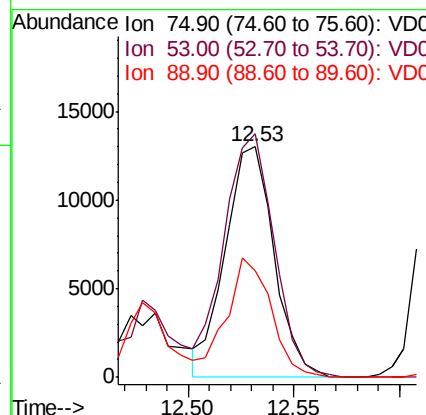
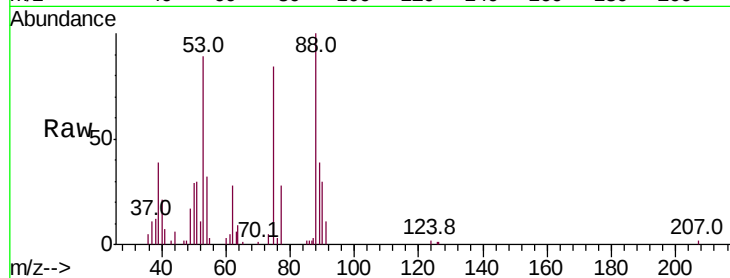
Tot Ion: 75 Resp: 20821

Ion Ratio Lower Upper

75 100

53 108.9 87.0 130.4

89 47.6 37.1 55.7



#82

4-Chlorotoluene

Concen: 21.330 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066556.D

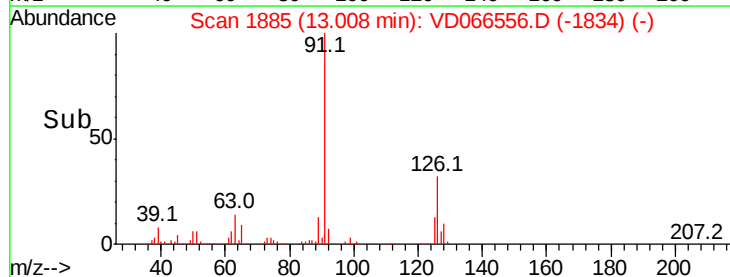
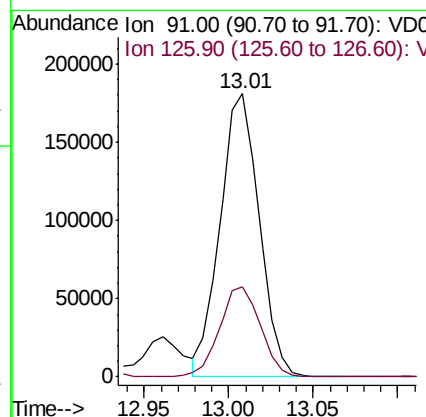
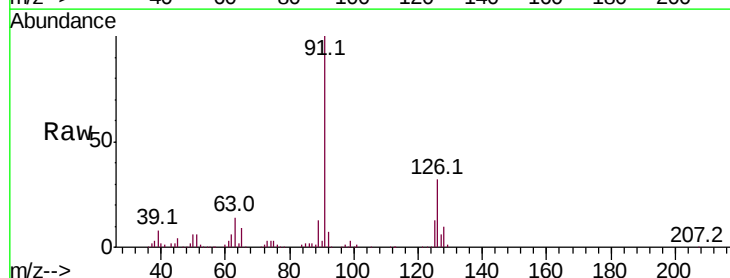
Acq: 04 Sep 2020 12:05

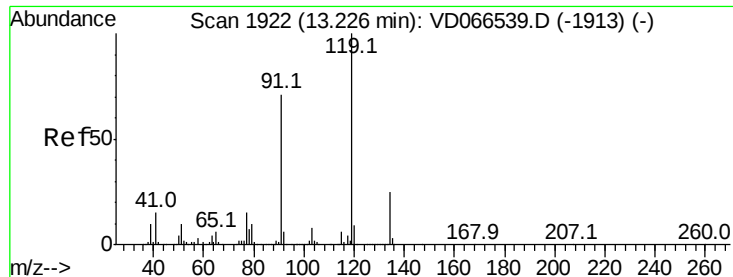
Tgt Ion: 91 Resp: 291969

Ion Ratio Lower Upper

91 100

126 33.1 16.4 49.1





#83

tert-Butylbenzene

Concen: 21.188 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

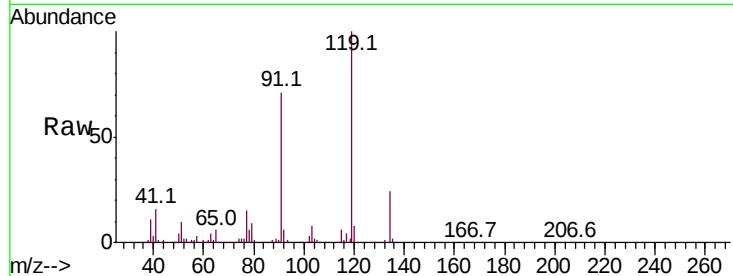
Tot Ion:119 Resp: 274096

Ion Ratio Lower Upper

119 100

91 69.5 35.2 105.6

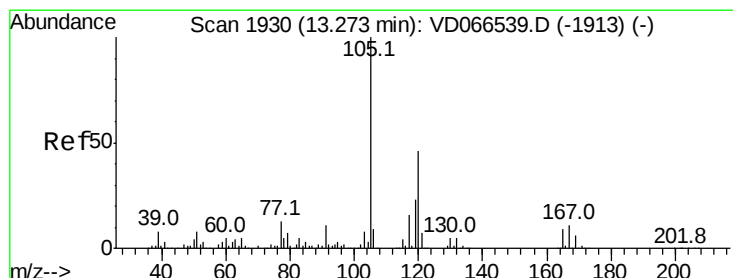
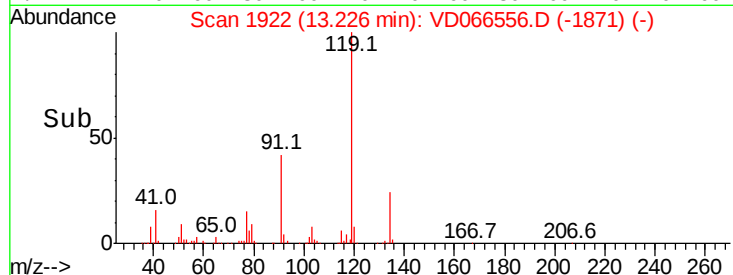
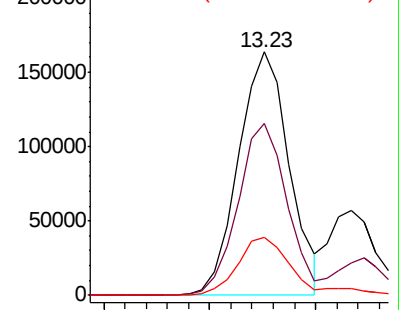
134 26.1 13.5 40.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.344 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066556.D

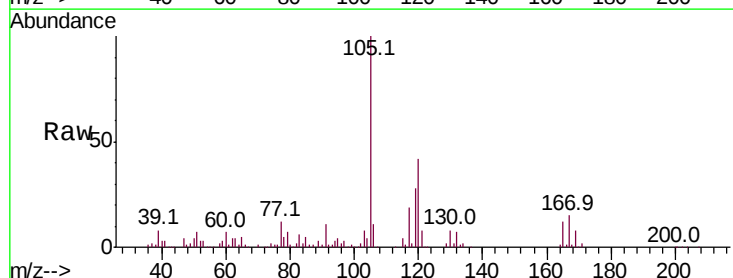
Acq: 04 Sep 2020 12:05

Tgt Ion:105 Resp: 336634

Ion Ratio Lower Upper

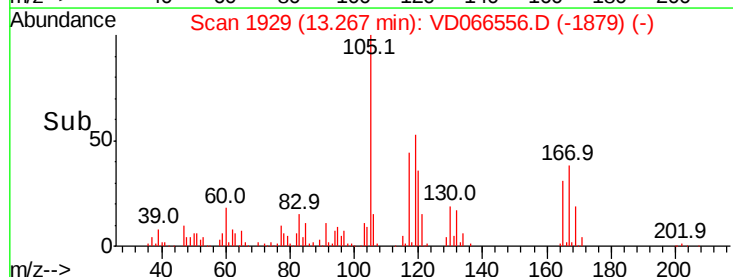
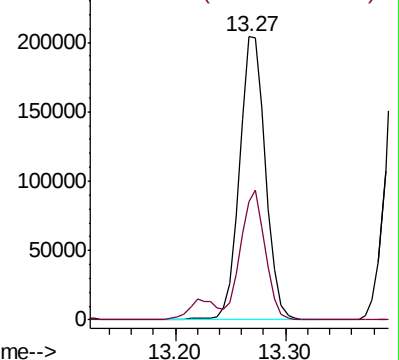
105 100

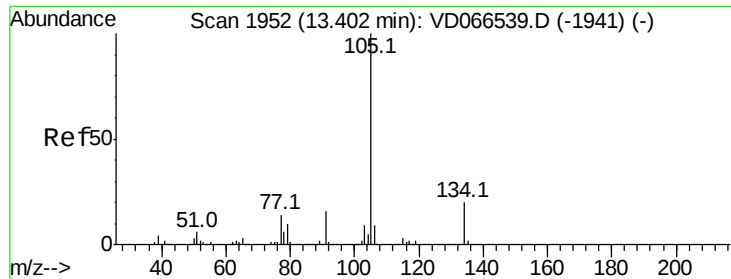
120 43.3 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.306 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

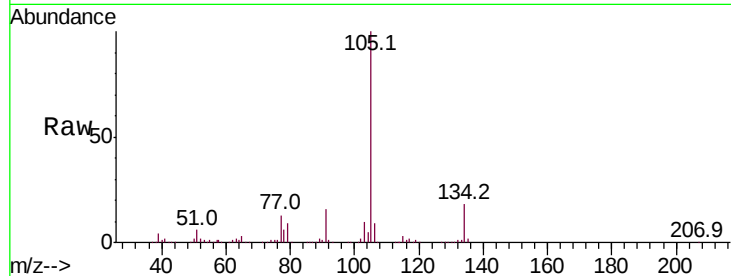
VD0904SBS01

Tot Ion:105 Resp: 397106

Ion Ratio Lower Upper

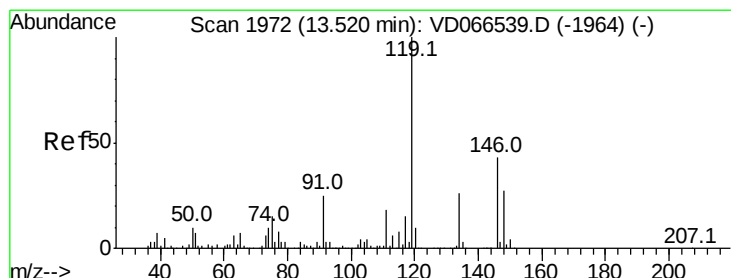
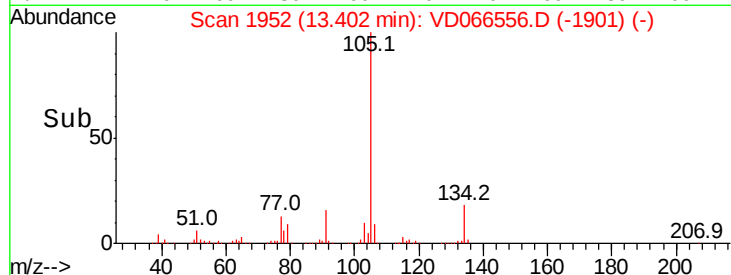
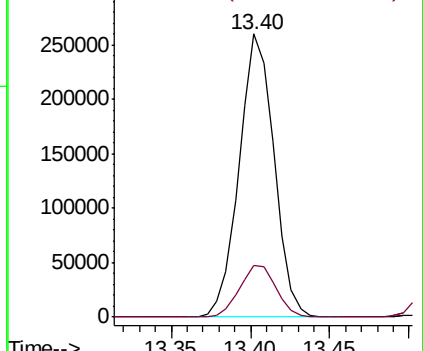
105 100

134 19.1 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.451 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

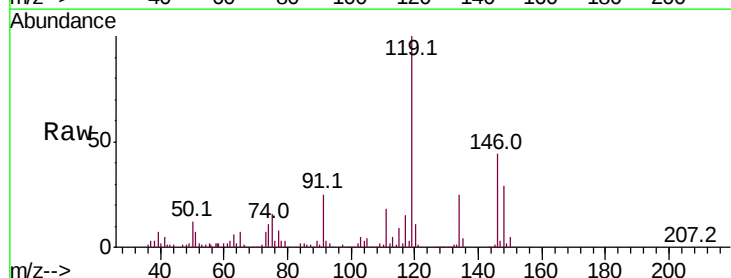
Tgt Ion:119 Resp: 359849

Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

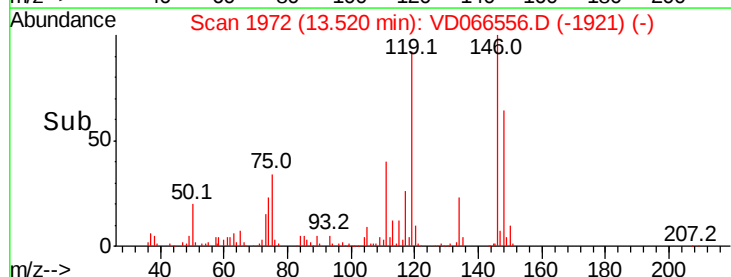
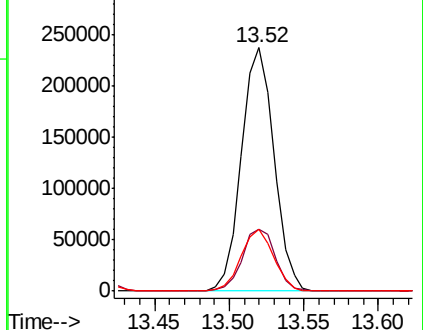
91 25.3 12.5 37.5

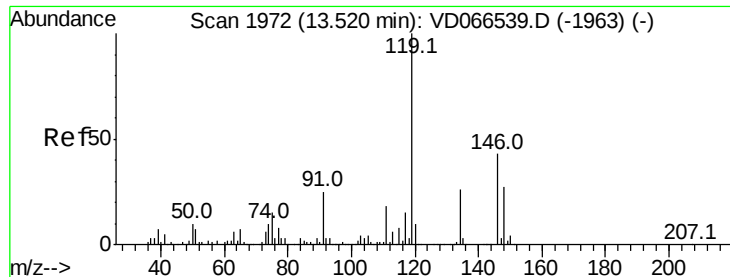


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.047 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

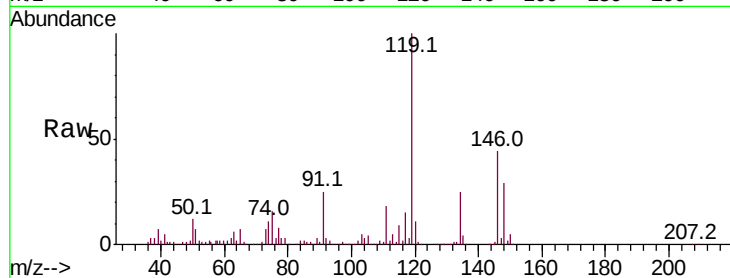
Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion:146 Resp: 175332

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.9
148	62.2	32.1	96.3

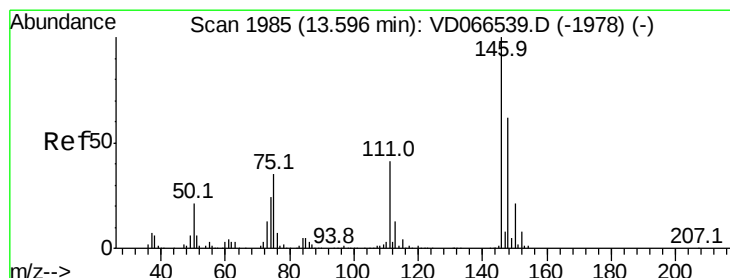
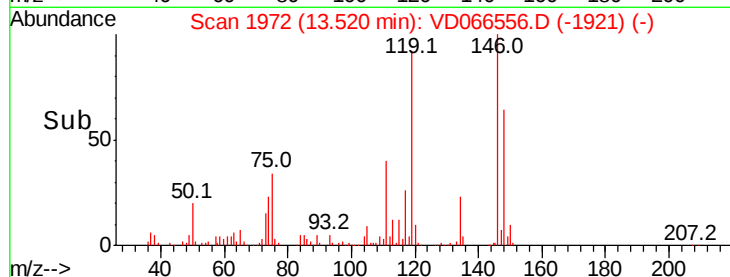
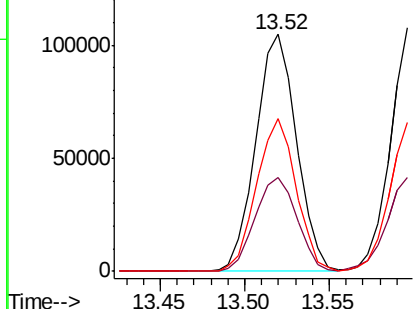


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.721 ug/l

RT: 13.60 min Scan# 1985

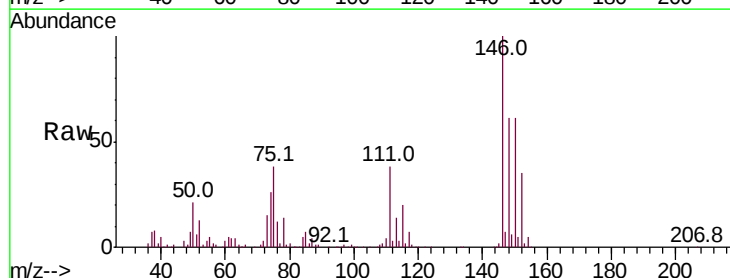
Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Tgt Ion:146 Resp: 173254

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.1	60.2
148	63.3	31.6	94.8

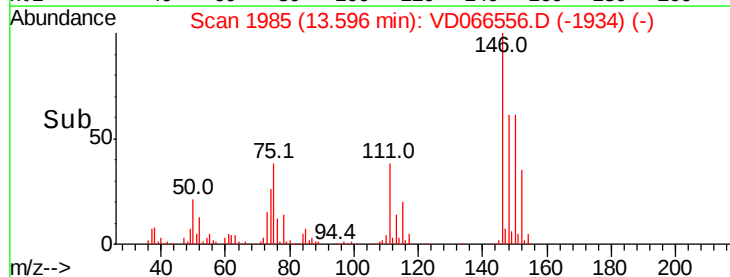
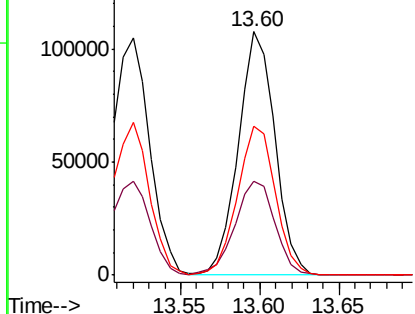


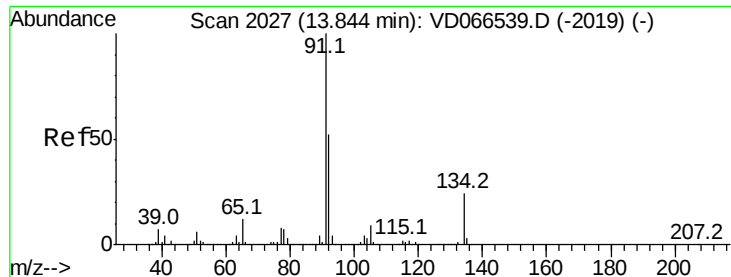
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

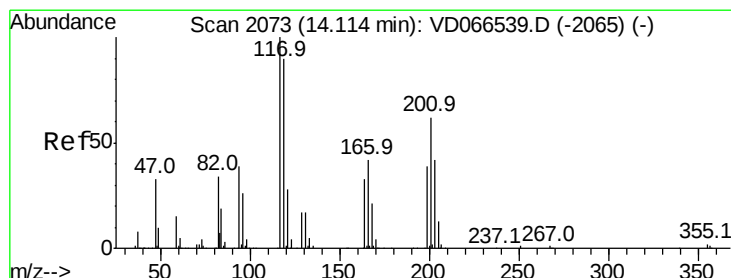
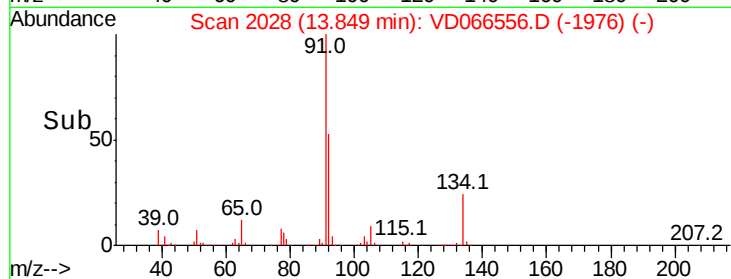
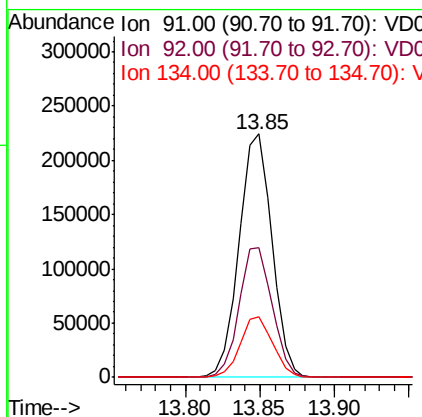
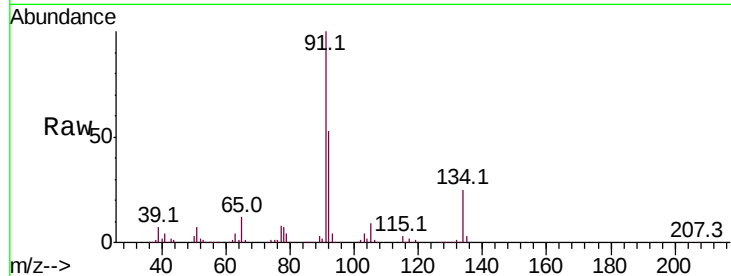




#89
n-Butylbenzene
Concen: 21.045 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

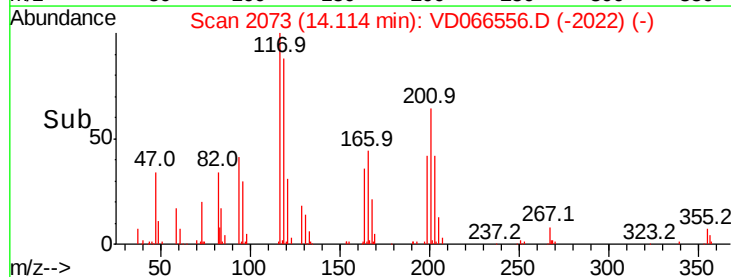
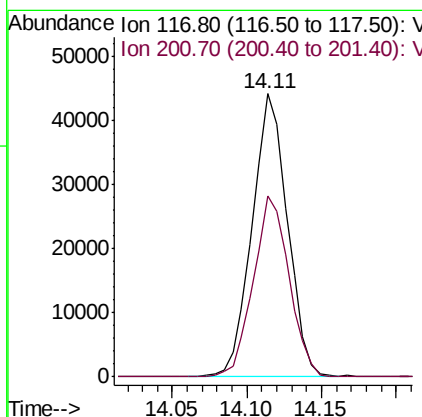
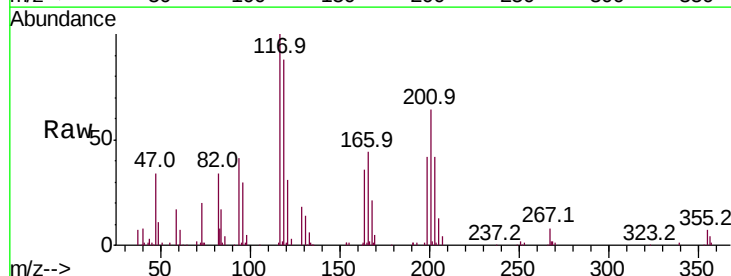
Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

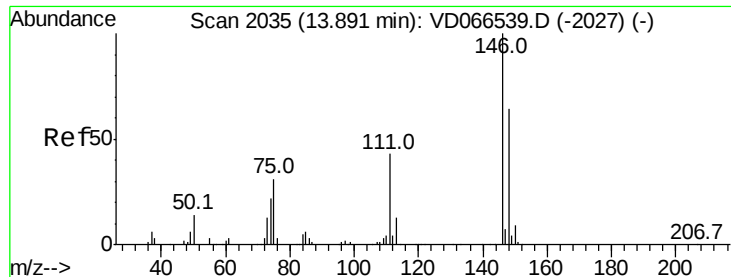
Tot Ion: 91 Resp: 344027
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 24.7 12.1 36.3



#90
Hexachloroethane
Concen: 19.988 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion: 117 Resp: 72248
Ion Ratio Lower Upper
117 100
201 64.8 31.9 95.5





#91

1,2-Dichlorobenzene

Concen: 20.301 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBS01

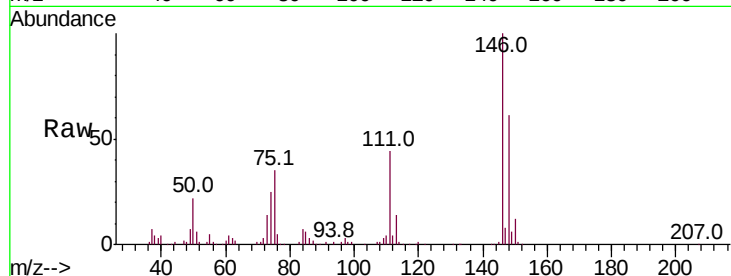
Tot Ion:146 Resp: 147818

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.4

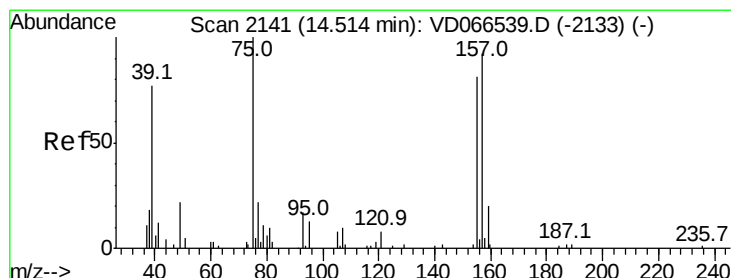
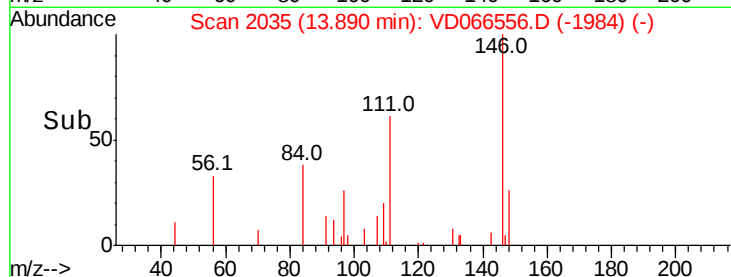
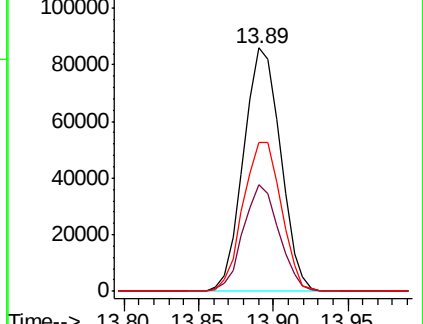
148 63.2 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.215 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066556.D

Acq: 04 Sep 2020 12:05

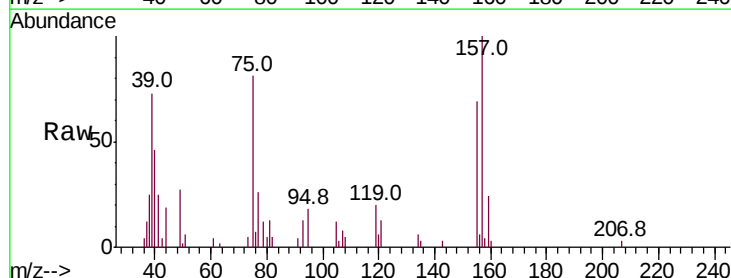
Tgt Ion: 75 Resp: 9159

Ion Ratio Lower Upper

75 100

155 86.7 39.3 117.8

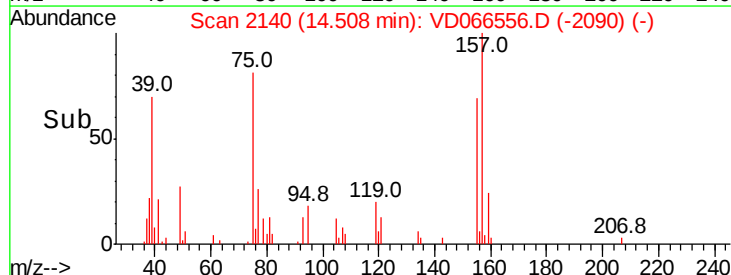
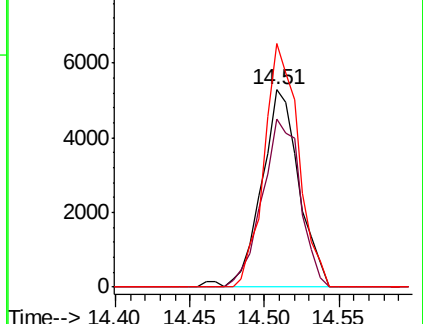
157 113.4 46.0 137.8

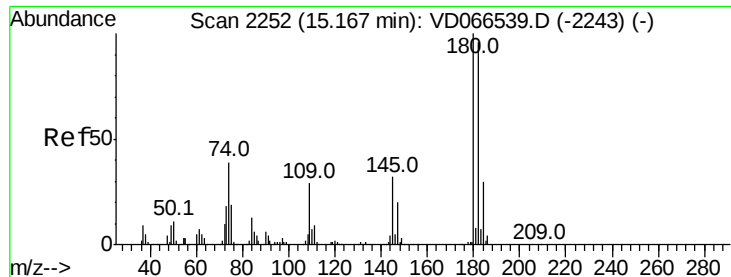


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

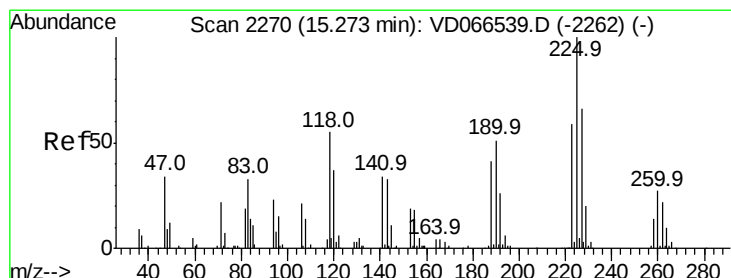
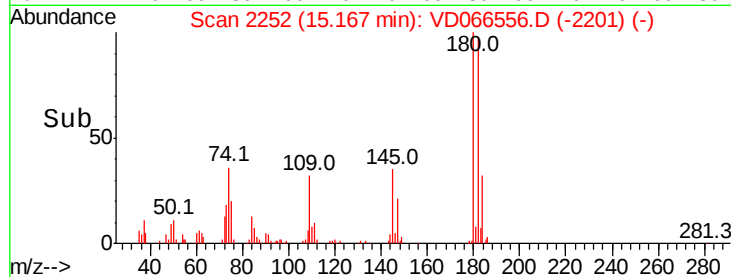
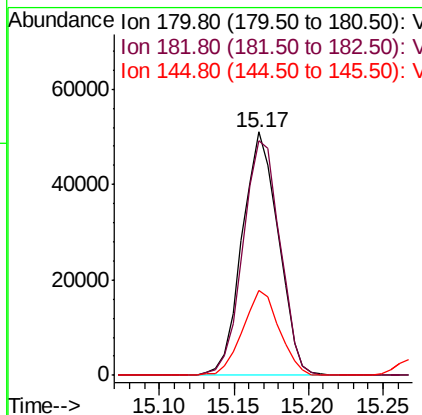
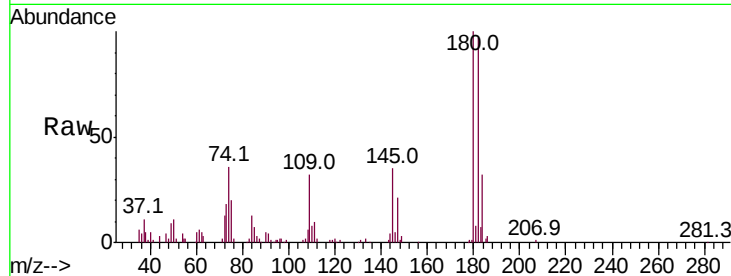




#93
 1,2,4-Trichlorobenzene
 Concen: 19.671 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

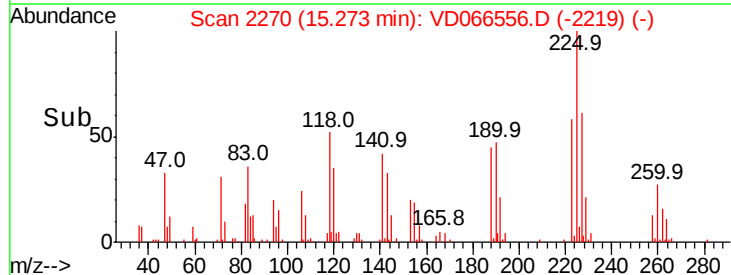
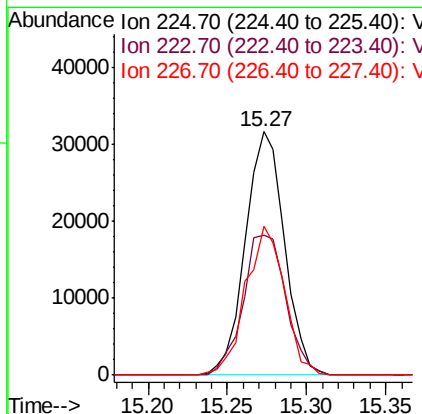
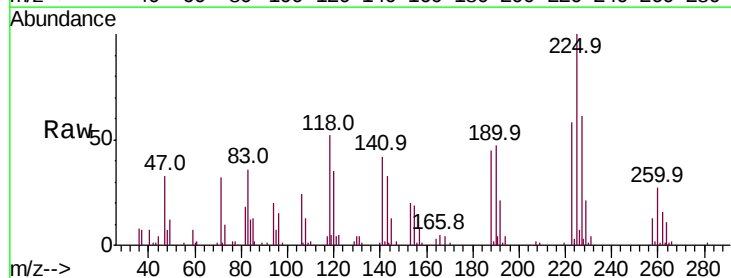
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBS01

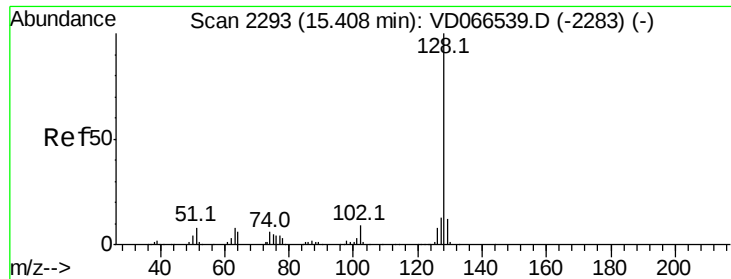
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	48.4	145.0
145	35.0	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 20.566 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066556.D
 Acq: 04 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	30.5	91.5
227	60.8	32.4	97.2

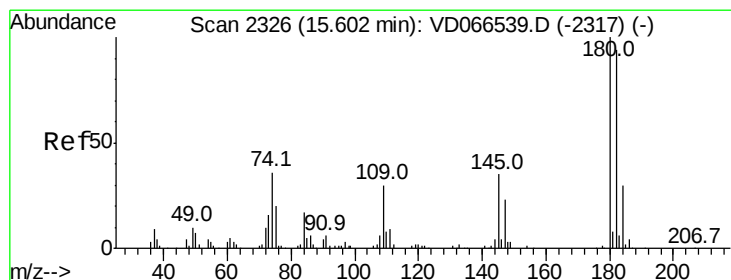
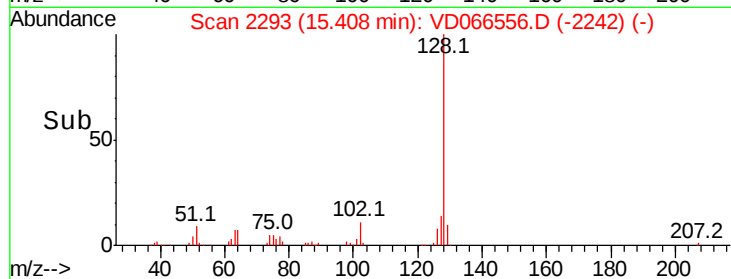
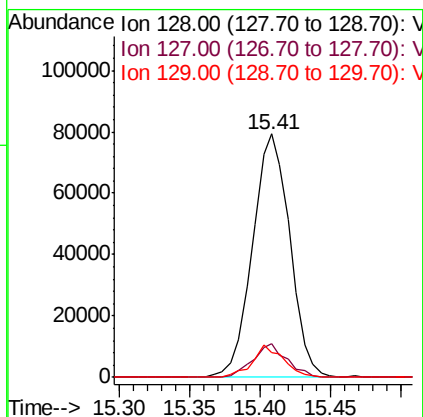
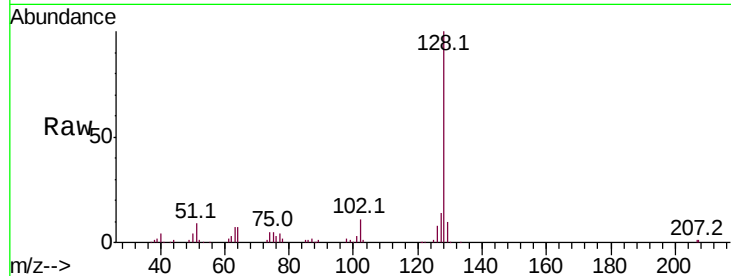




#95
Naphthalene
Concen: 19.223 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBS01

Tot Ion:128 Resp: 146791
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 11.3 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 20.874 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066556.D
Acq: 04 Sep 2020 12:05

Tgt Ion:180 Resp: 77770
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.6
145 32.9 17.3 51.7

