

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066667.D
 Acq On : 12 Sep 2020 01:35
 Operator : VA/SY
 Sample : VD0911SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 12 02:35:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	305145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	537509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	495825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	222785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	210587	57.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.08%	
35) Dibromofluoromethane	7.91	113	196242	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
50) Toluene-d8	10.34	98	707867	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
62) 4-Bromofluorobenzene	12.63	95	230588	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	63465	23.063	ug/l	92
3) Chloromethane	2.21	50	87016	22.549	ug/l	97
4) Vinyl Chloride	2.35	62	87283	20.393	ug/l	98
5) Bromomethane	2.76	94	63262	20.715	ug/l	86
6) Chloroethane	2.92	64	55380	20.371	ug/l	97
7) Trichlorofluoromethane	3.27	101	133641	21.136	ug/l	95
8) Diethyl Ether	3.71	74	33685	21.157	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	73328	21.428	ug/l	96
10) Methyl Iodide	4.30	142	67721	23.974	ug/l	97
11) Tert butyl alcohol	5.21	59	34431	126.700	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	67682	22.015	ug/l	95
13) Acrolein	3.93	56	11801	78.174	ug/l	96
14) Allyl chloride	4.72	41	111108	22.052	ug/l	98
15) Acrylonitrile	5.43	53	76972	112.538	ug/l #	87
16) Acetone	4.16	43	65063	95.778	ug/l	93
17) Carbon Disulfide	4.41	76	224189	22.182	ug/l	98
18) Methyl Acetate	4.71	43	39207	24.212	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	160673	22.286	ug/l	94
20) Methylene Chloride	4.96	84	99988	23.501	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	82287	22.539	ug/l	98
22) Diisopropyl ether	6.36	45	244084	23.557	ug/l	96
23) Vinyl Acetate	6.30	43	645622	109.497	ug/l	98
24) 1,1-Dichloroethane	6.27	63	151248	23.213	ug/l	97
25) 2-Butanone	7.21	43	93744	102.801	ug/l	96
26) 2,2-Dichloropropane	7.20	77	117460	19.653	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	90717	23.107	ug/l	99
28) Bromochloromethane	7.55	49	52704	21.010	ug/l	99
29) Tetrahydrofuran	7.56	42	61567	108.407	ug/l	98
30) Chloroform	7.71	83	163239	23.681	ug/l	89
31) Cyclohexane	7.98	56	126326	20.974	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	140651	21.702	ug/l	98
36) 1,1-Dichloropropene	8.11	75	116282	20.788	ug/l	100
37) Ethyl Acetate	7.29	43	45946	20.627	ug/l	99
38) Carbon Tetrachloride	8.09	117	122429	20.706	ug/l	98

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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)
39) Methylcyclohexane	9.35	83	121324	19.423	ug/l	99
40) Benzene	8.34	78	329982	21.539	ug/l	97
41) Methacrylonitrile	7.56	41	63154	58.573	ug/l #	33
42) 1,2-Dichloroethane	8.42	62	99741	20.093	ug/l	100
43) Isopropyl Acetate	8.45	43	85700	20.077	ug/l	97
44) Trichloroethene	9.11	130	86944	21.635	ug/l	98
45) 1,2-Dichloropropane	9.38	63	84067	21.820	ug/l	92
46) Dibromomethane	9.47	93	44544	20.956	ug/l	97
47) Bromodichloromethane	9.66	83	123357	21.450	ug/l	98
48) Methyl methacrylate	9.45	41	43033	19.937	ug/l	99
49) 1,4-Dioxane	9.46	88	8942	383.454	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	226055	105.005	ug/l	98
52) Toluene	10.40	92	213688	22.035	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	106071	20.894	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	128846	21.134	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	59040	21.603	ug/l	96
56) Ethyl methacrylate	10.66	69	64883	20.390	ug/l	98
57) 1,3-Dichloropropane	10.94	76	102559	21.424	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	177412	121.891	ug/l	100
59) 2-Hexanone	10.98	43	144957	100.128	ug/l	98
60) Dibromochloromethane	11.14	129	77952	21.569	ug/l	100
61) 1,2-Dibromoethane	11.24	107	57283	21.544	ug/l	98
64) Tetrachloroethene	10.87	164	81136	24.304	ug/l	95
65) Chlorobenzene	11.67	112	218831	21.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	82271	21.065	ug/l	96
67) Ethyl Benzene	11.74	91	392287	20.877	ug/l	98
68) m/p-Xylenes	11.85	106	293197	42.023	ug/l	99
69) o-Xylene	12.18	106	132972	21.266	ug/l	99
70) Styrene	12.20	104	238875	21.975	ug/l	99
71) Bromoform	12.36	173	42468	21.576	ug/l #	91
73) Isopropylbenzene	12.48	105	352566	21.374	ug/l	99
74) N-amyl acetate	12.29	43	76805	20.559	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	65613	22.516	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	83294	38.875	ug/l #	100
77) Bromobenzene	12.76	156	80927	22.007	ug/l	99
78) n-propylbenzene	12.82	91	433891	21.699	ug/l	99
79) 2-Chlorotoluene	12.91	91	248456	22.149	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	302909	21.818	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	17469	19.035	ug/l	95
82) 4-Chlorotoluene	13.01	91	267821	22.326	ug/l	100
83) tert-Butylbenzene	13.23	119	246009	21.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	305580	22.108	ug/l	98
85) sec-Butylbenzene	13.40	105	358272	21.934	ug/l	99
86) p-Isopropyltoluene	13.52	119	315190	21.439	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	163256	22.362	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	159278	21.737	ug/l	98
89) n-Butylbenzene	13.85	91	286170	19.975	ug/l	99
90) Hexachloroethane	14.11	117	69502	21.941	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	140052	21.948	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10153	20.510	ug/l	95

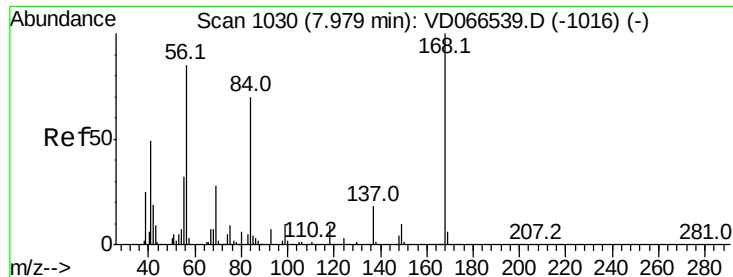
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091120\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	76175	19.891	ug/l	99
94) Hexachlorobutadiene	15.27	225	45709	19.867	ug/l	96
95) Naphthalene	15.41	128	137661	20.571	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	69235	21.205	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

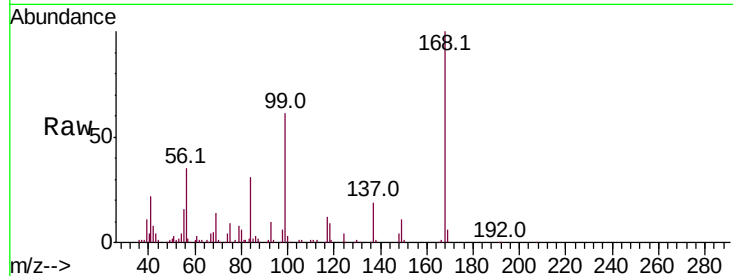
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 305145

Ion Ratio Lower Upper

168 100

99 60.7 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

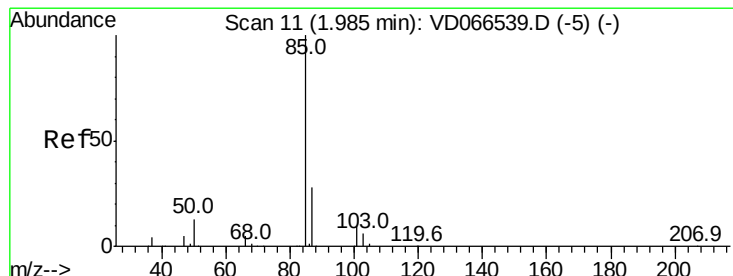
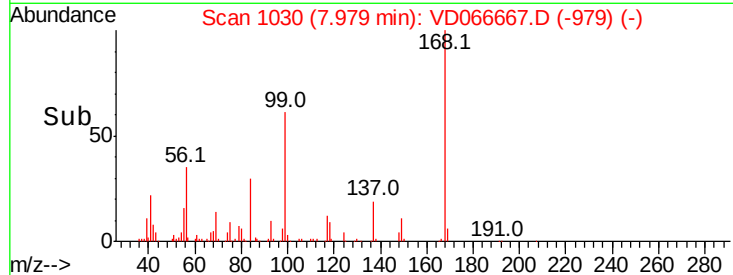
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 23.063 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066667.D

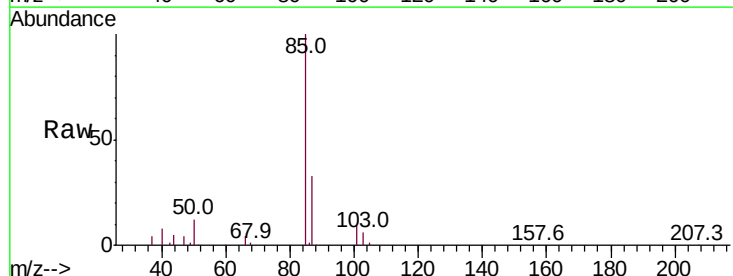
Acq: 12 Sep 2020 01:35

Tgt Ion: 85 Resp: 63465

Ion Ratio Lower Upper

85 100

87 32.8 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

50000

40000

30000

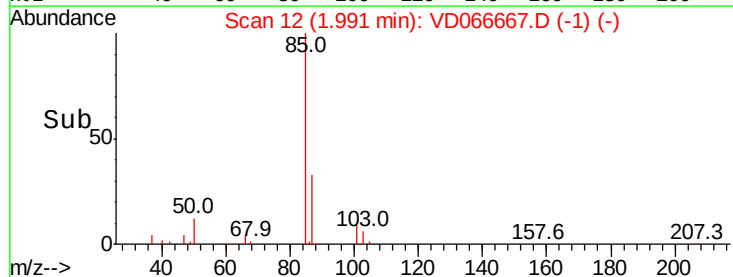
20000

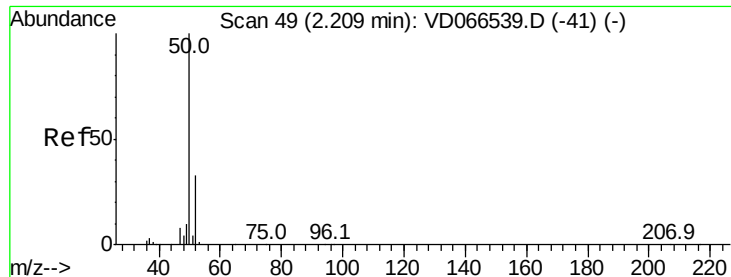
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 22.549 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

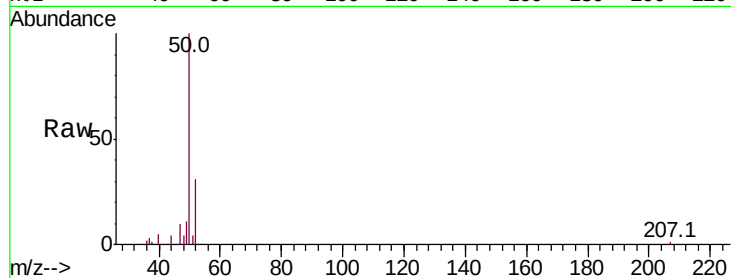
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 50 Resp: 87016

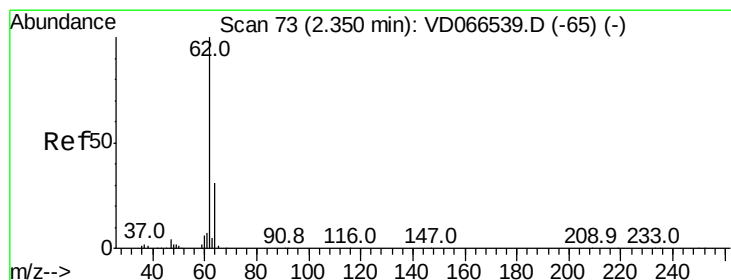
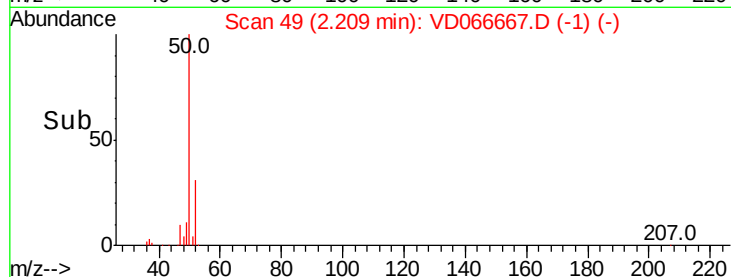
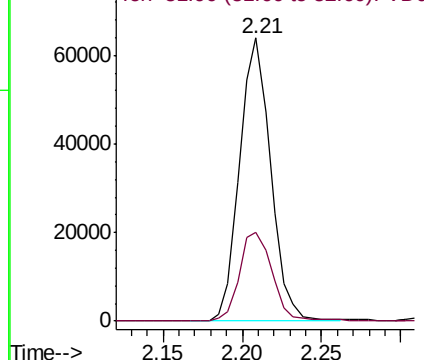
Ion Ratio Lower Upper

50 100

52 31.2 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: 20.393 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066667.D

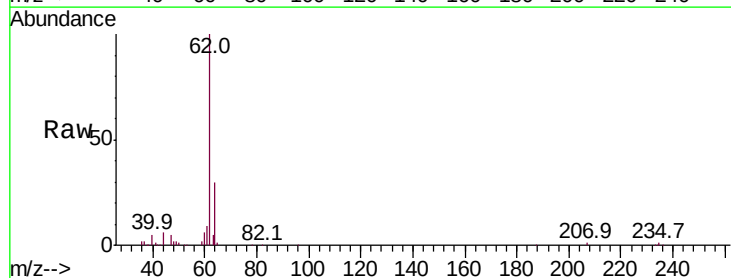
Acq: 12 Sep 2020 01:35

Tgt Ion: 62 Resp: 87283

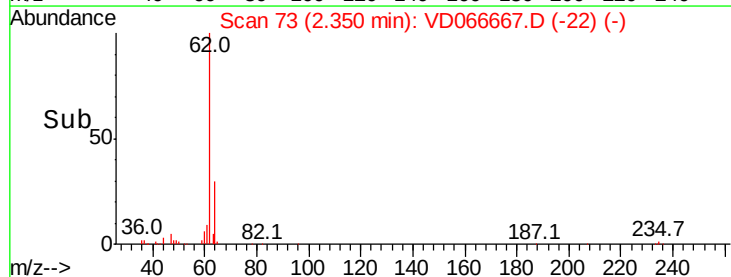
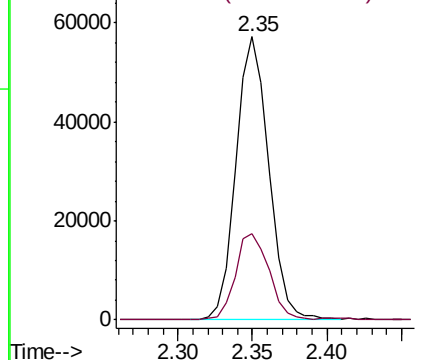
Ion Ratio Lower Upper

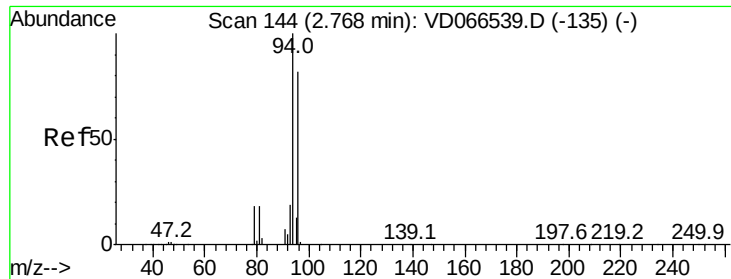
62 100

64 30.5 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: 20.715 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

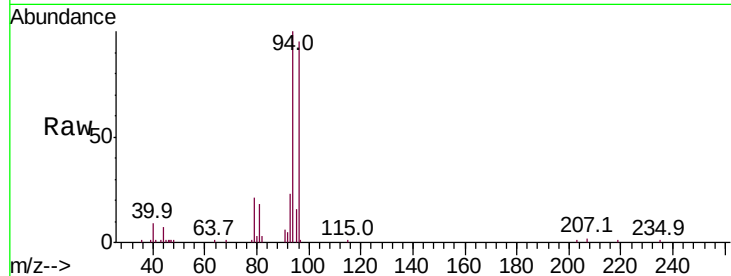
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 94 Resp: 63262

Ion Ratio Lower Upper

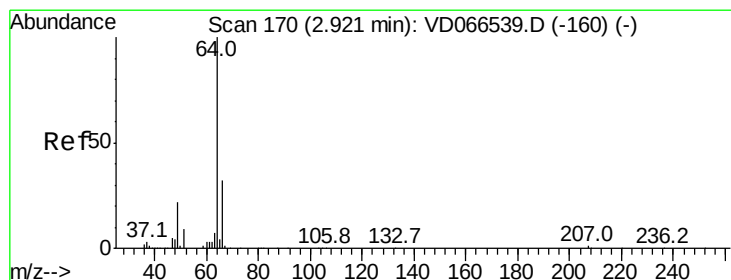
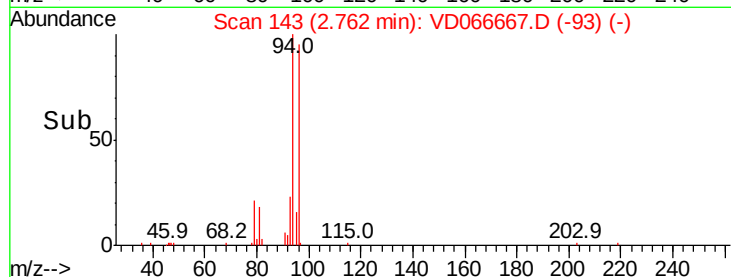
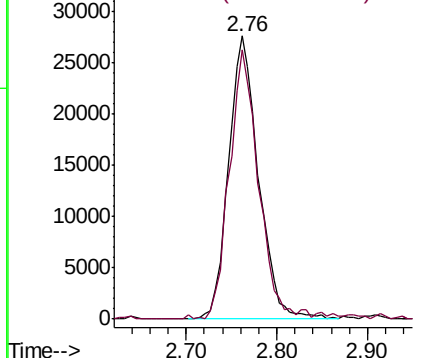
94 100

96 94.0 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.371 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066667.D

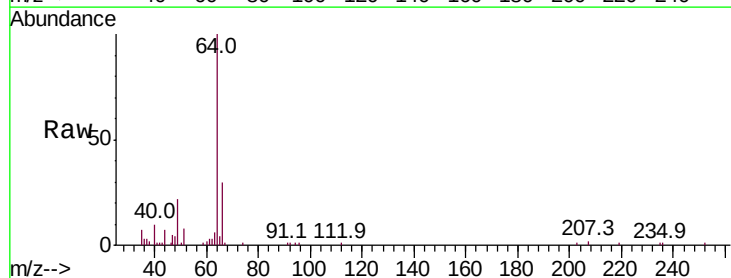
Acq: 12 Sep 2020 01:35

Tgt Ion: 64 Resp: 55380

Ion Ratio Lower Upper

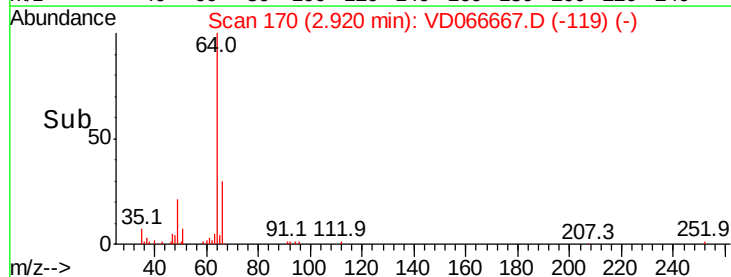
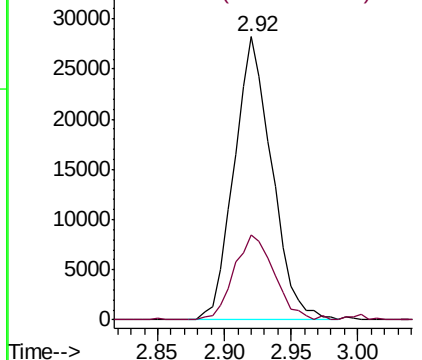
64 100

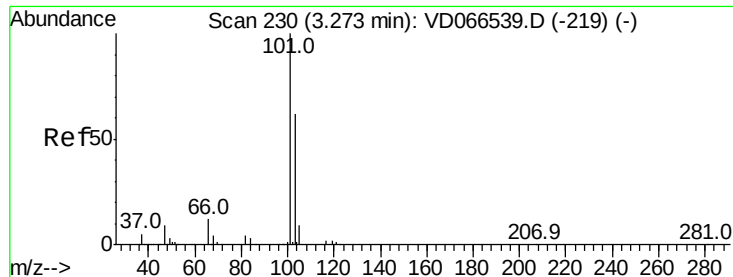
66 29.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



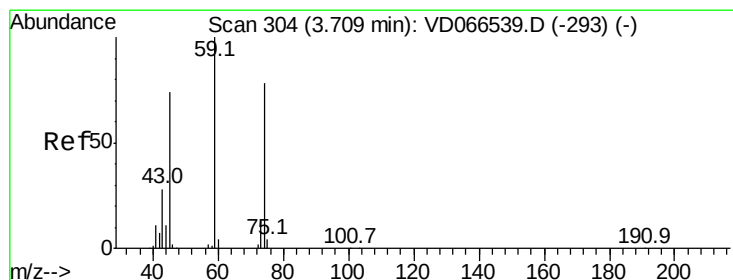
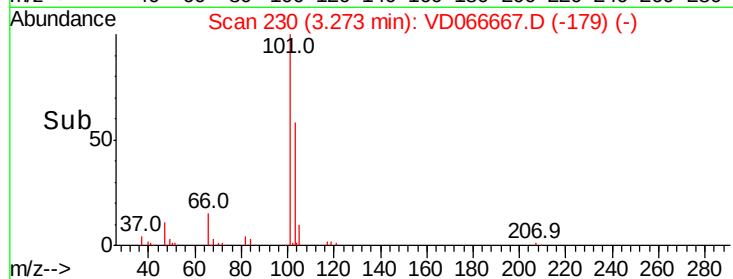
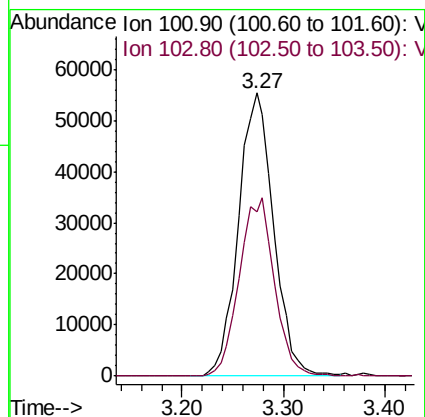
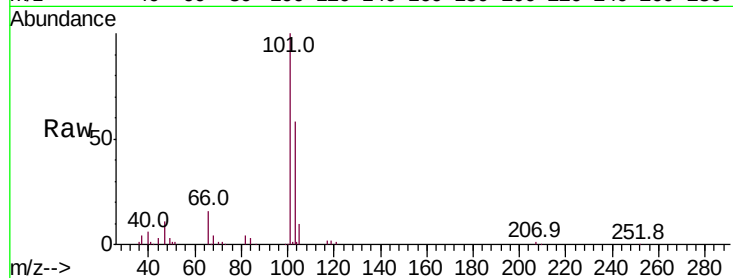


#7

Trichlorofluoromethane
 Concen: 21.136 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

Instrument :
 MSVOA_D
 ClientSampled :

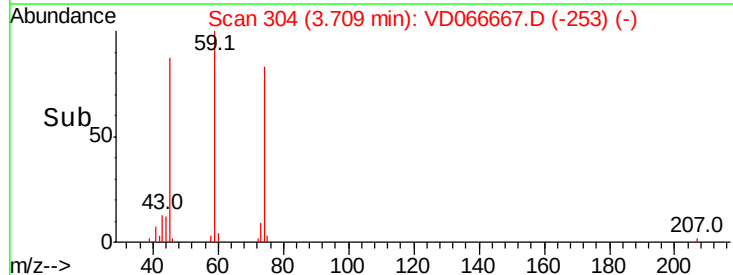
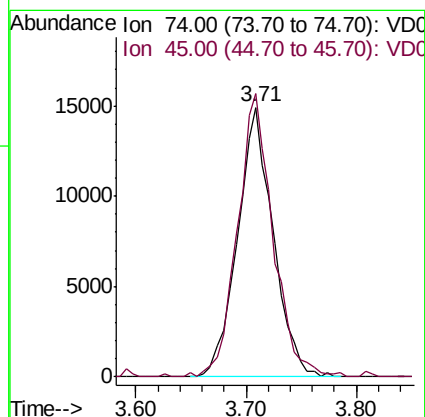
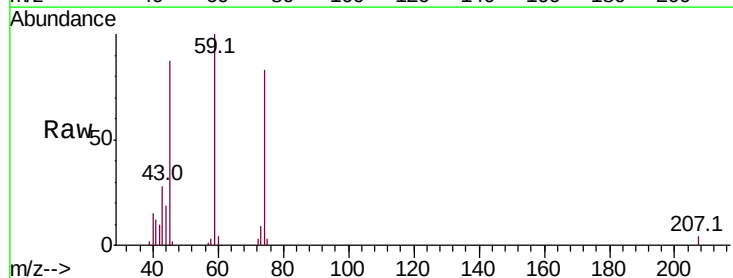
Tot Ion:101 Resp: 133641
 Ion Ratio Lower Upper
 101 100
 103 58.2 49.7 74.5

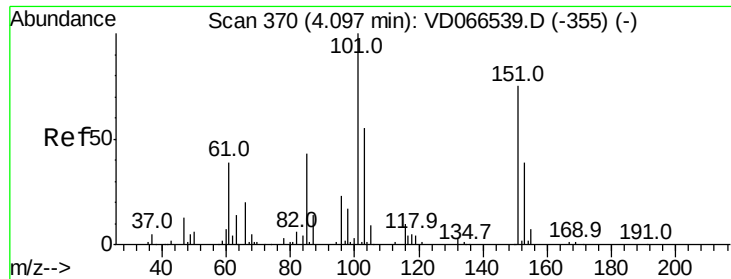


#8

Diethyl Ether
 Concen: 21.157 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

Tgt Ion: 74 Resp: 33685
 Ion Ratio Lower Upper
 74 100
 45 105.1 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.428 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

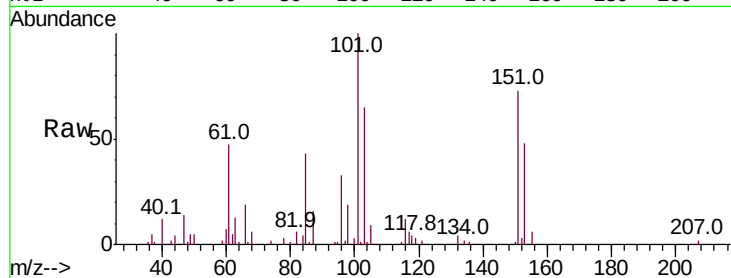
Tot Ion:101 Resp: 73328

Ion Ratio Lower Upper

101 100

85 45.5 37.0 55.6

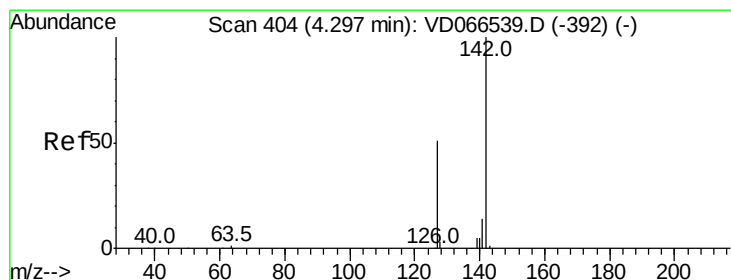
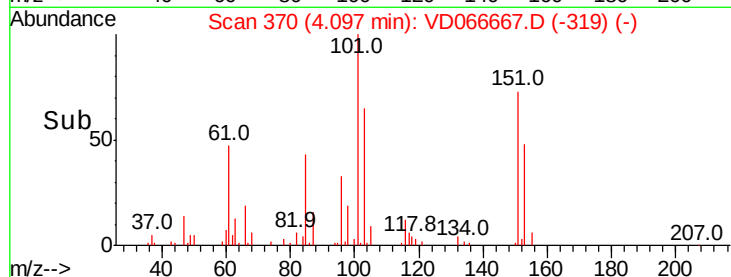
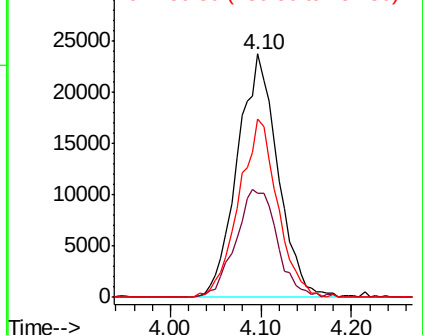
151 70.1 59.4 89.2



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: 23.974 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

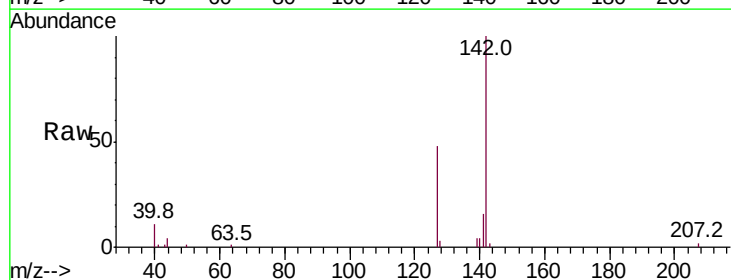
Tgt Ion:142 Resp: 67721

Ion Ratio Lower Upper

142 100

127 48.0 40.6 61.0

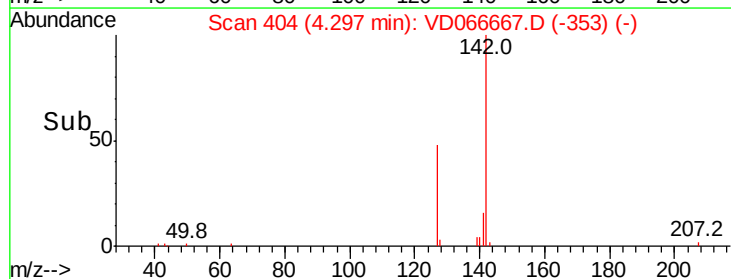
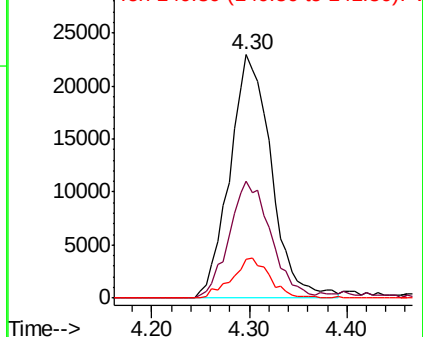
141 15.1 12.2 18.4

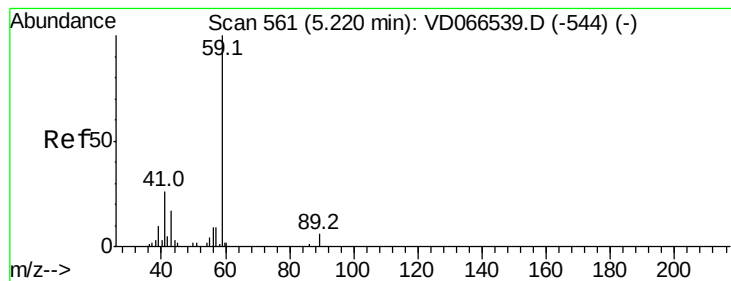


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 126.700 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

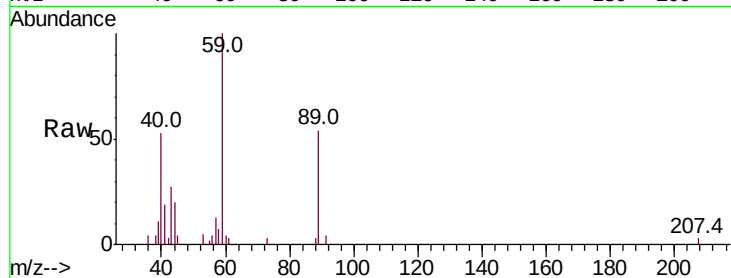
ClientSampled :

Tot Ion: 59 Resp: 34431

Ion Ratio Lower Upper

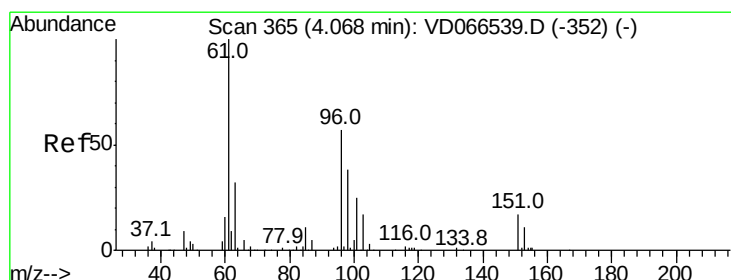
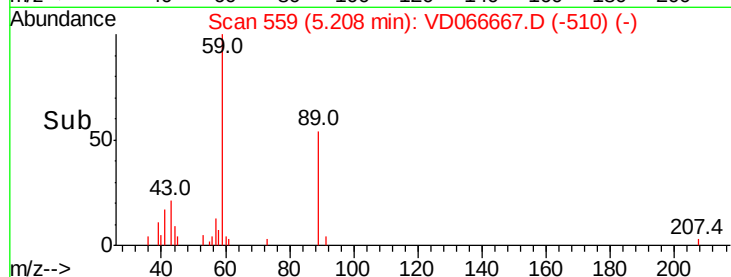
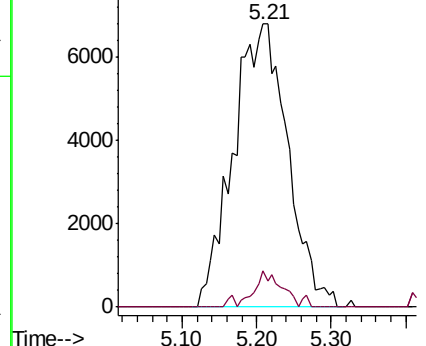
59 100

57 6.1 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 22.015 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

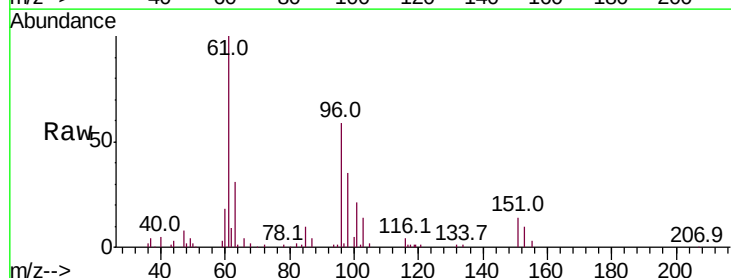
Tgt Ion: 96 Resp: 67682

Ion Ratio Lower Upper

96 100

61 170.2 140.9 211.3

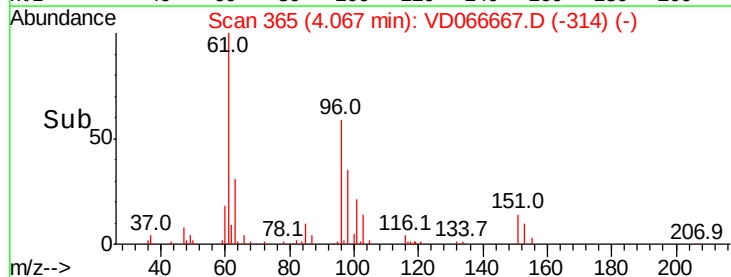
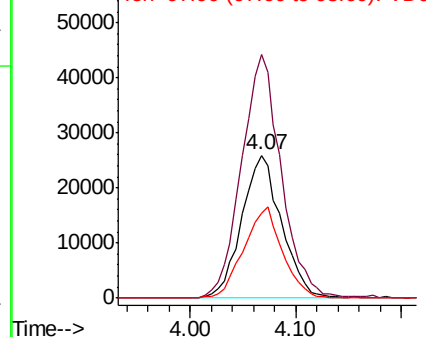
98 59.8 53.2 79.8

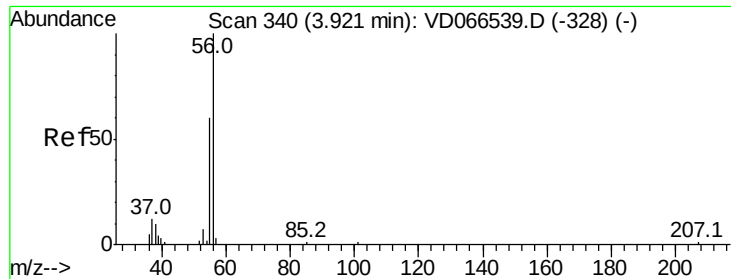


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 78.174 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

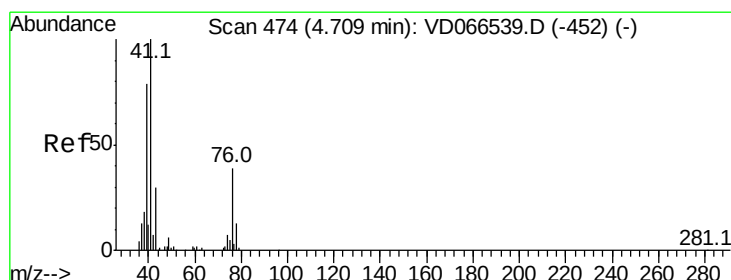
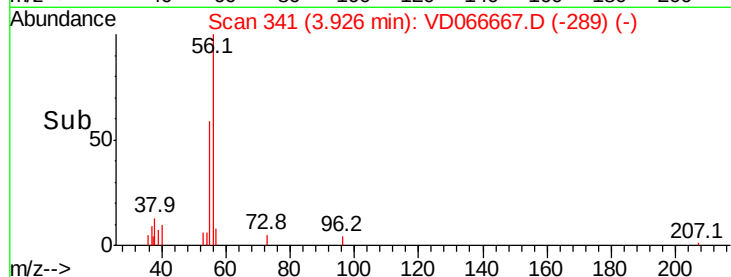
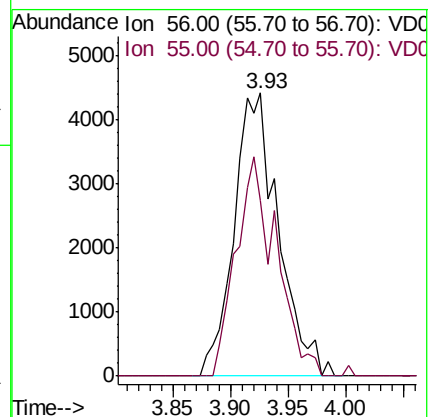
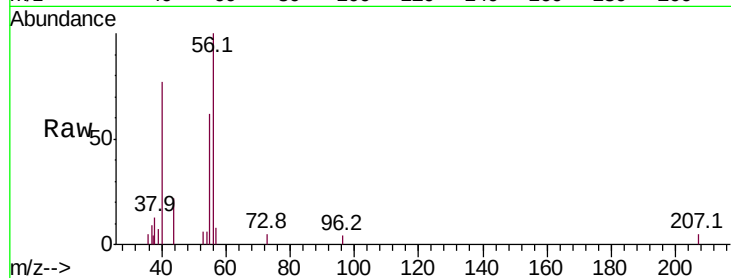
ClientSampleId :

Tot Ion: 56 Resp: 11801

Ion Ratio Lower Upper

56 100

55 70.4 53.6 80.4



#14

Allyl chloride

Concen: 22.052 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

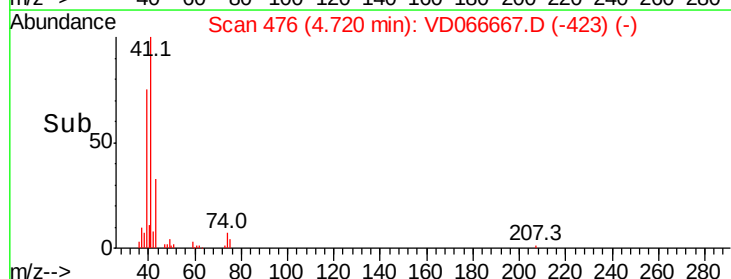
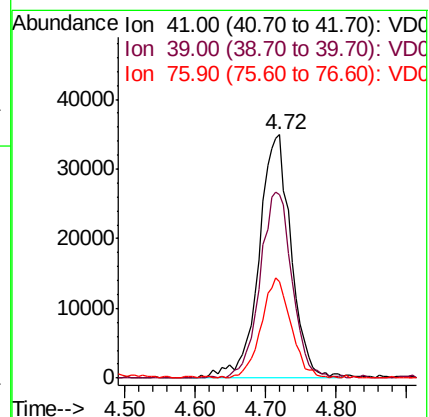
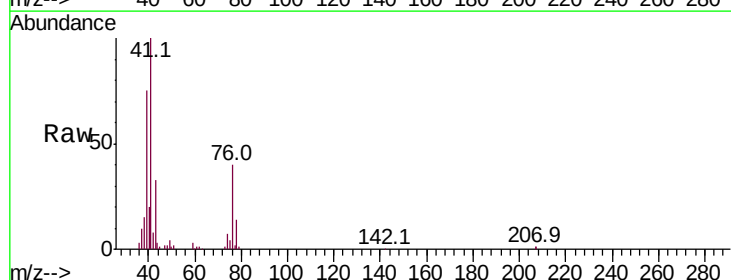
Tgt Ion: 41 Resp: 111108

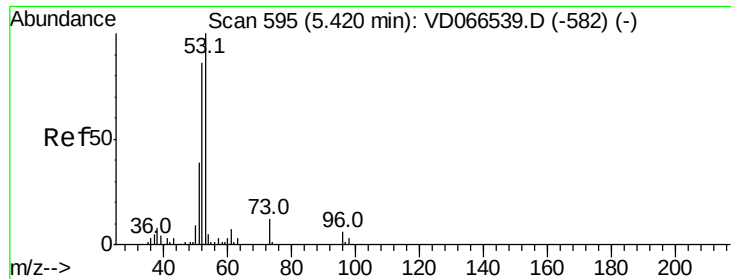
Ion Ratio Lower Upper

41 100

39 75.8 61.9 92.9

76 38.2 29.0 43.6





#15

Acrylonitrile

Concen: 112.538 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

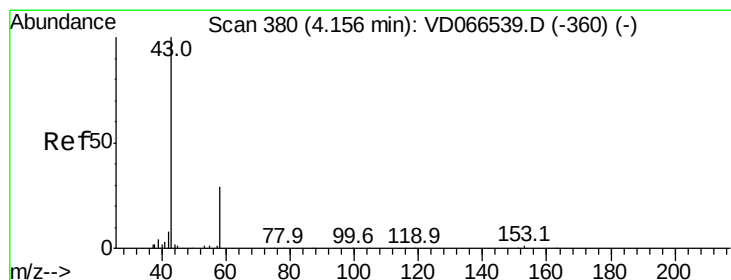
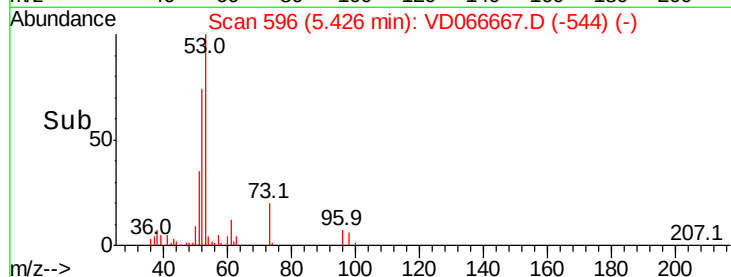
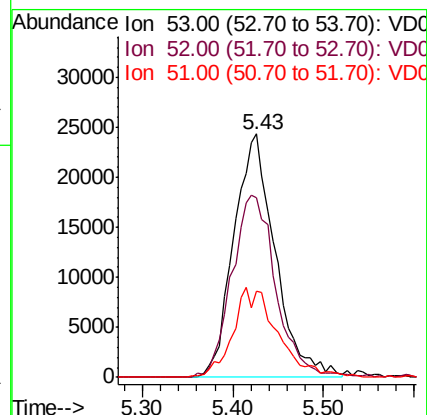
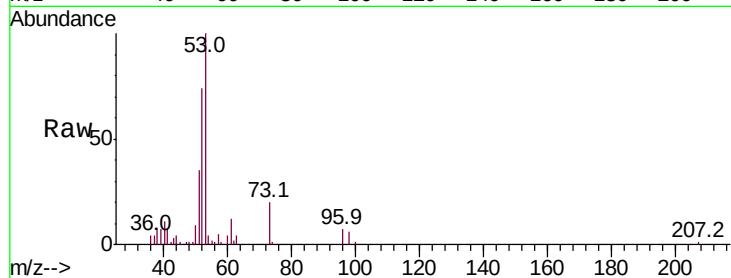
Tot Ion: 53 Resp: 76972

Ion Ratio Lower Upper

53 100

52 79.2 65.4 98.2

51 18.0 31.2 46.8#



#16

Acetone

Concen: 95.778 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066667.D

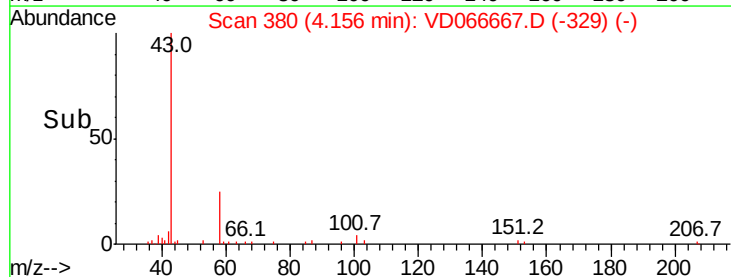
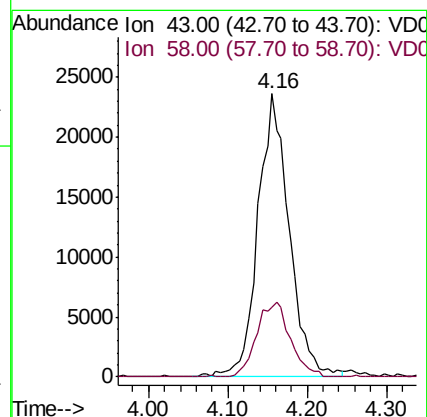
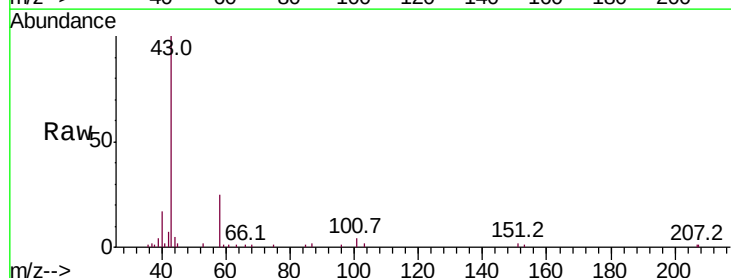
Acq: 12 Sep 2020 01:35

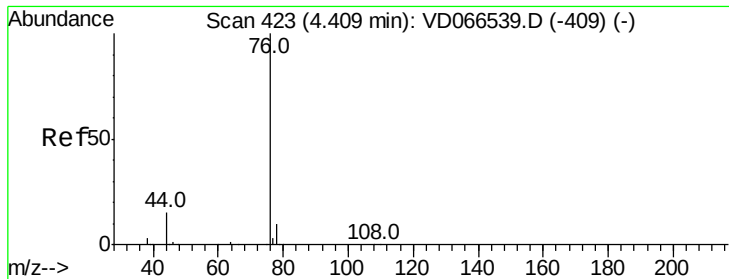
Tgt Ion: 43 Resp: 65063

Ion Ratio Lower Upper

43 100

58 24.6 22.9 34.3





#17

Carbon Disulfide

Concen: 22.182 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

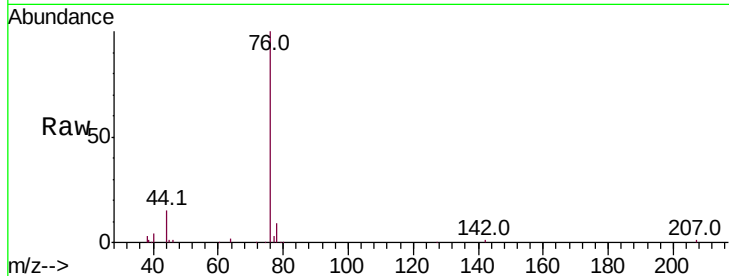
ClientSampleId :

Tot Ion: 76 Resp: 224189

Ion Ratio Lower Upper

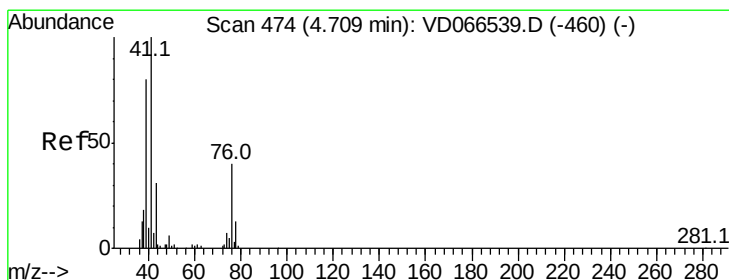
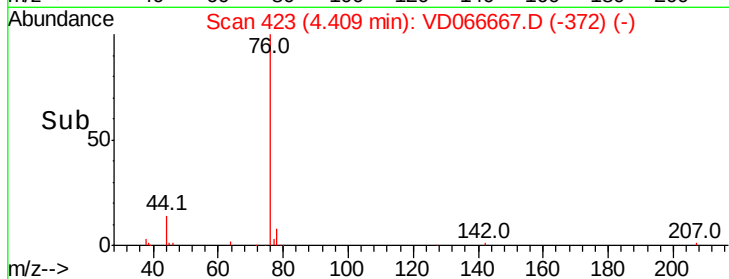
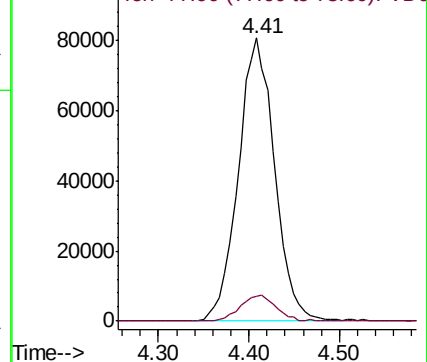
76 100

78 8.7 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 24.212 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066667.D

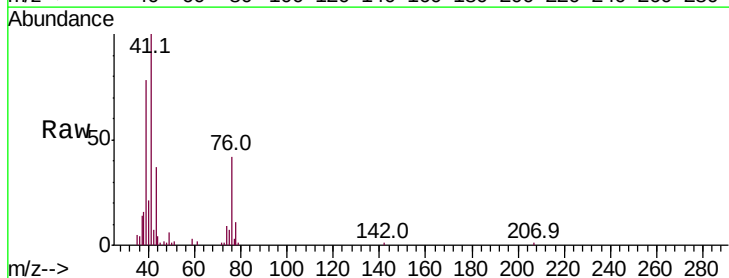
Acq: 12 Sep 2020 01:35

Tgt Ion: 43 Resp: 39207

Ion Ratio Lower Upper

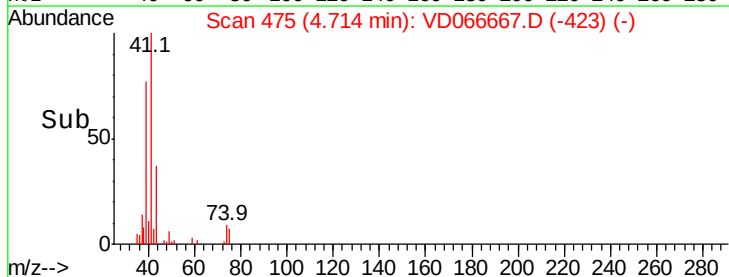
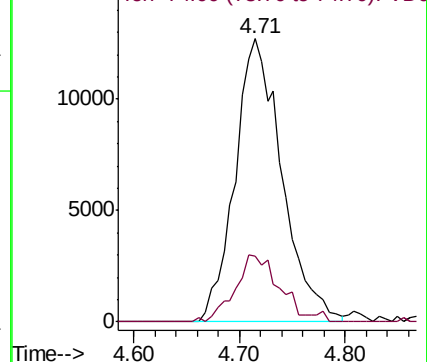
43 100

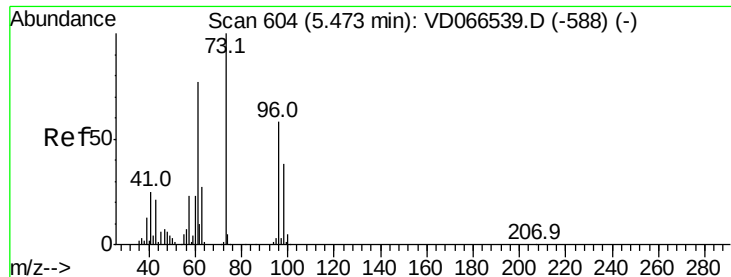
74 22.1 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

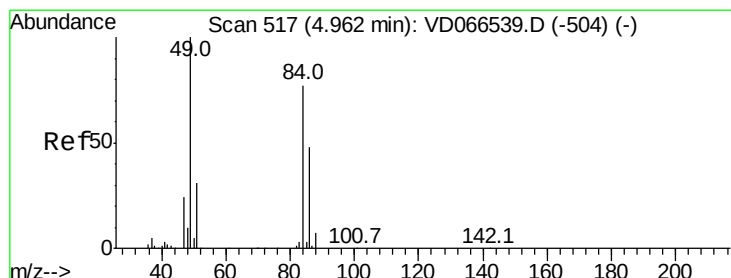
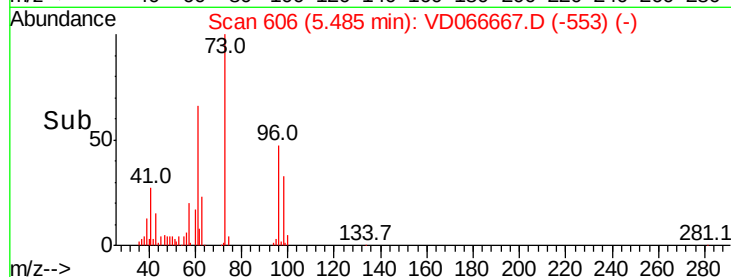
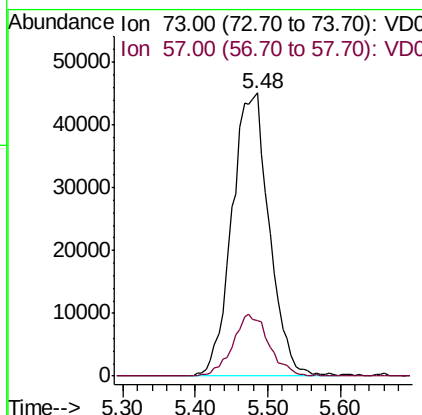
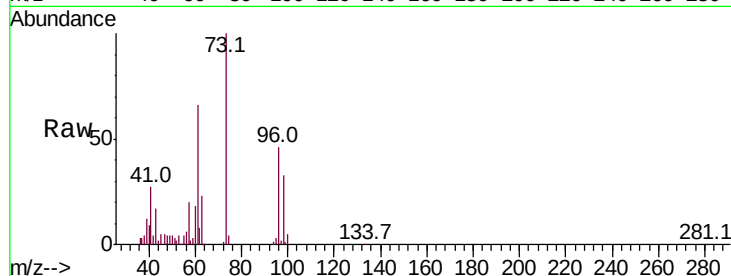




#19
Methyl tert-butyl Ether
Concen: 22.286 ug/l
RT: 5.48 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

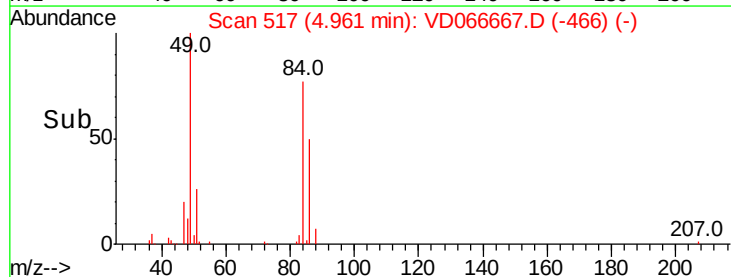
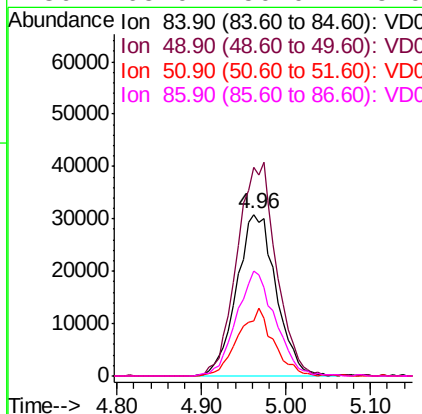
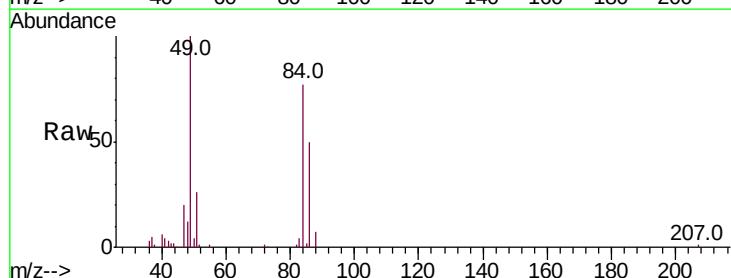
Instrument :
MSVOA_D
ClientSampleId :

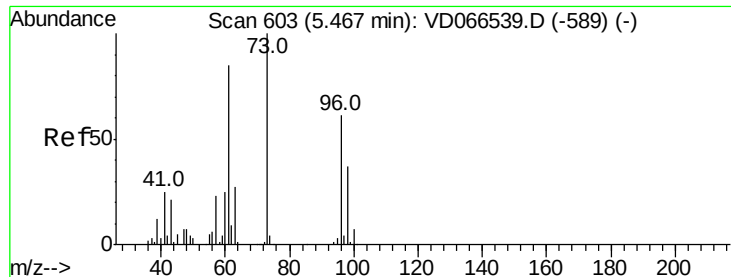
Tot Ion: 73 Resp: 160673
Ion Ratio Lower Upper
73 100
57 19.8 18.3 27.5



#20
Methylene Chloride
Concen: 23.501 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Tgt Ion: 84 Resp: 99988
Ion Ratio Lower Upper
84 100
49 129.1 104.3 156.5
51 34.1 32.2 48.4
86 65.0 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 22.539 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

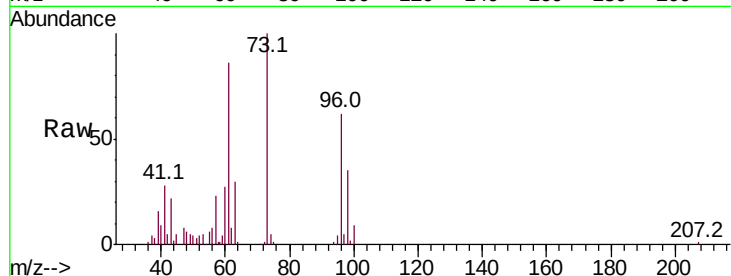
Tot Ion: 96 Resp: 82287

Ion Ratio Lower Upper

96 100

61 138.9 112.1 168.1

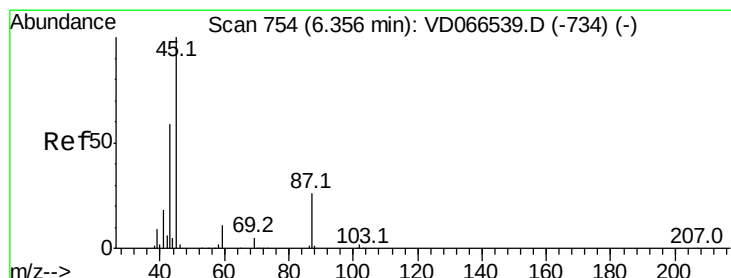
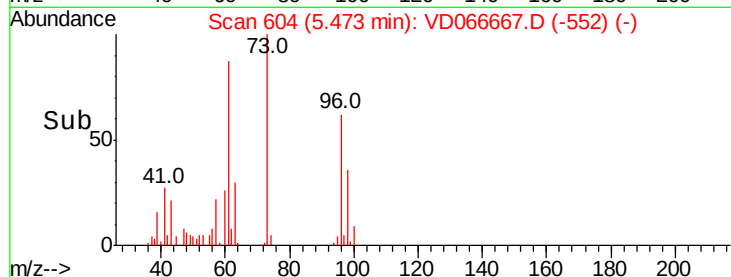
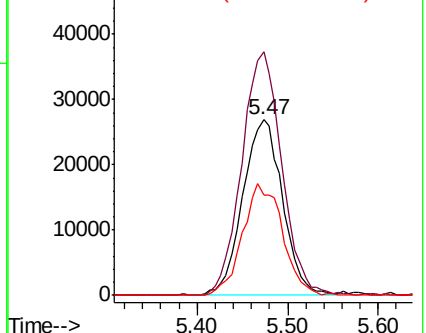
98 57.1 48.6 72.8



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: 23.557 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Tgt Ion: 45 Resp: 244084

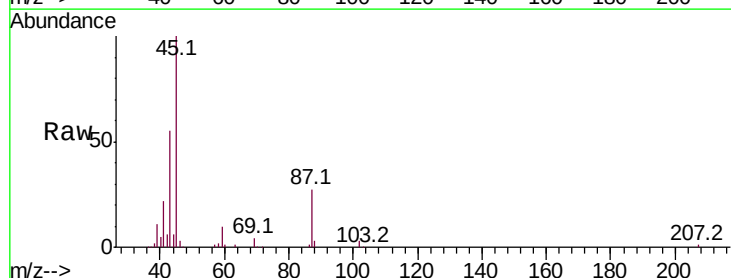
Ion Ratio Lower Upper

45 100

43 54.5 47.0 70.4

87 26.8 21.3 31.9

59 10.4 8.7 13.1

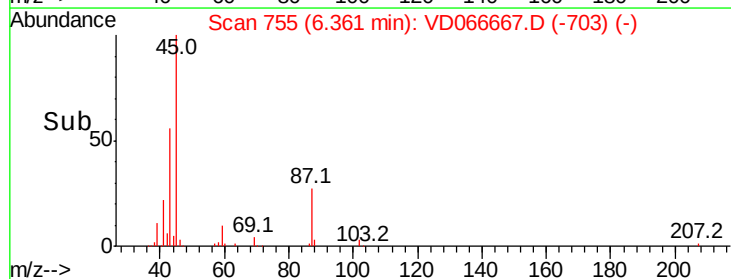
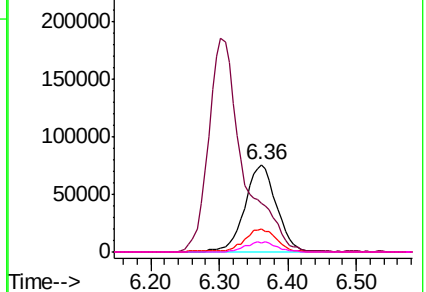


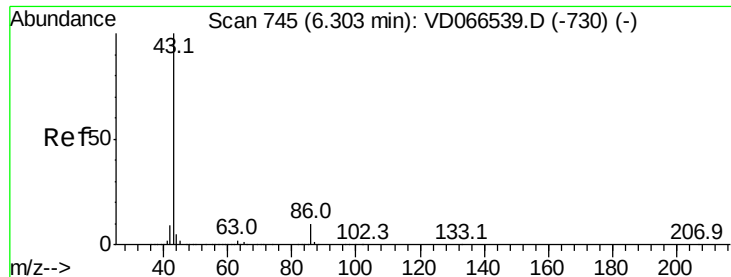
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 109.497 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

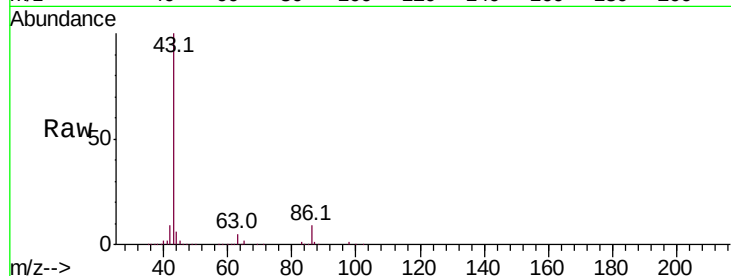
ClientSampleId :

Tot Ion: 43 Resp: 645622

Ion Ratio Lower Upper

43 100

86 8.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

200000

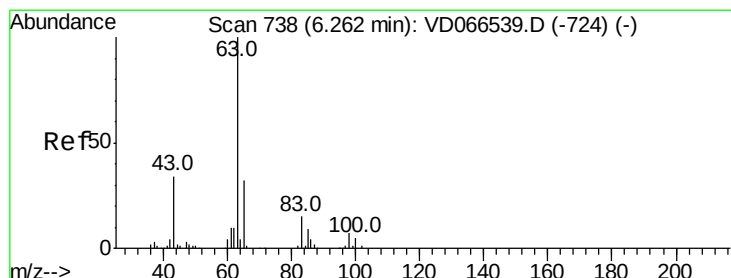
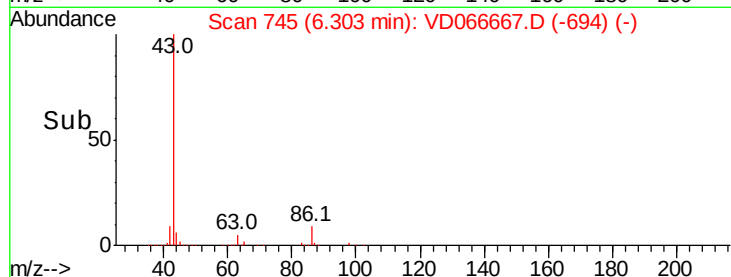
150000

100000

50000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 23.213 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

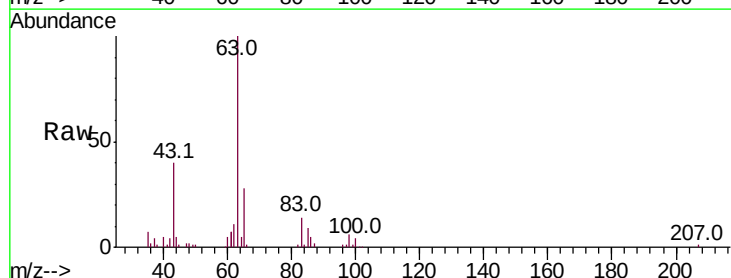
Tgt Ion: 63 Resp: 151248

Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.1

100 3.5 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

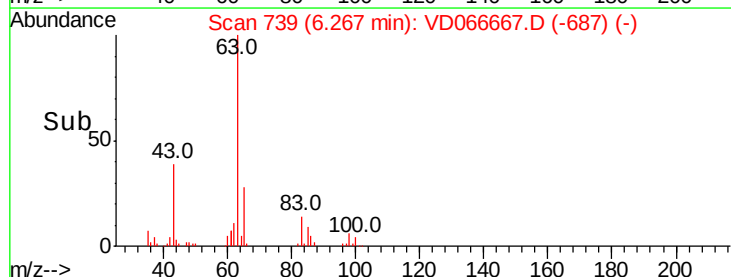
60000

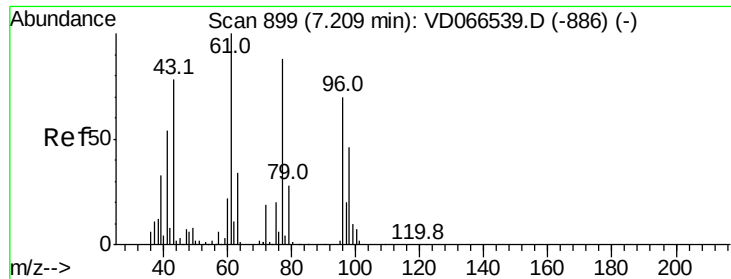
40000

20000

0

Time--> 6.20 6.30





#25

2-Butanone

Concen: 102.801 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

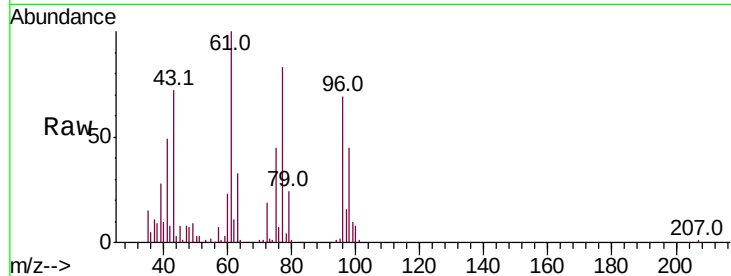
ClientSampled :

Tot Ion: 43 Resp: 93744

Ion Ratio Lower Upper

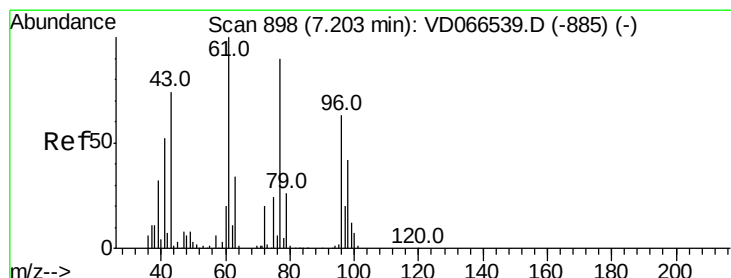
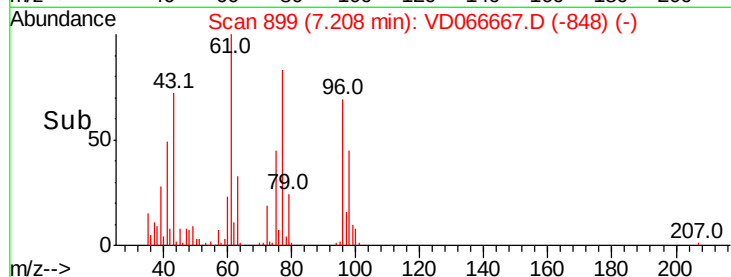
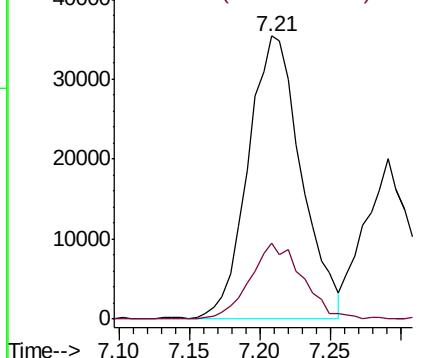
43 100

72 26.8 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.653 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066667.D

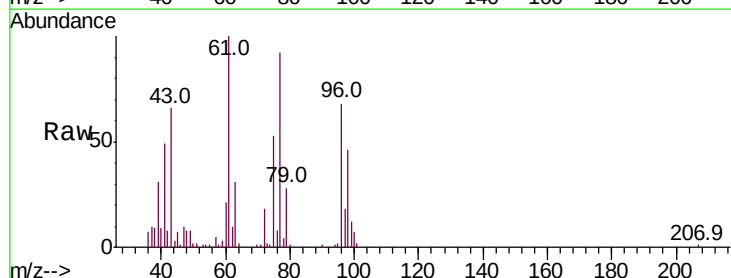
Acq: 12 Sep 2020 01:35

Tgt Ion: 77 Resp: 117460

Ion Ratio Lower Upper

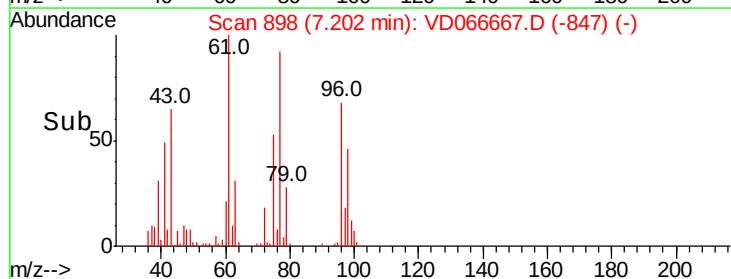
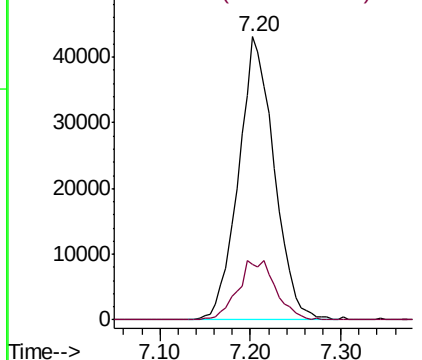
77 100

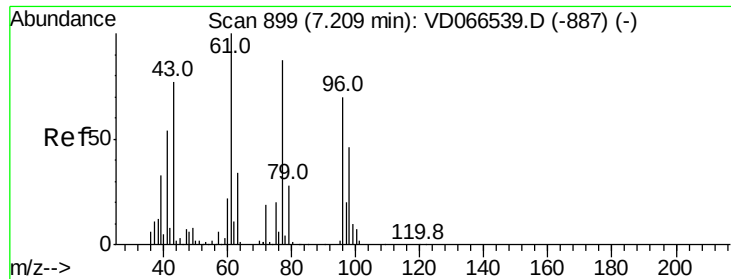
97 22.4 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



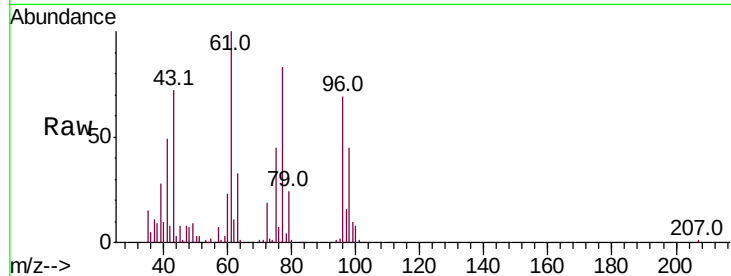


#27

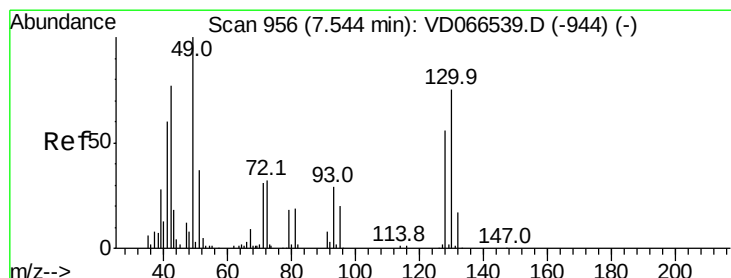
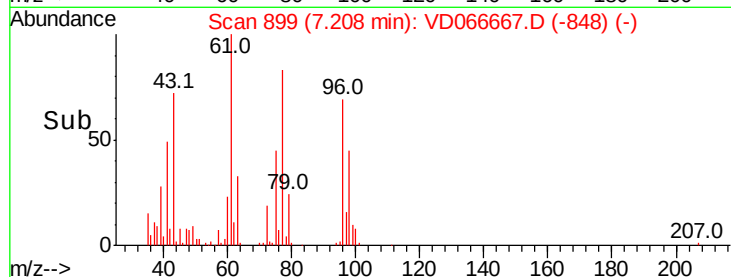
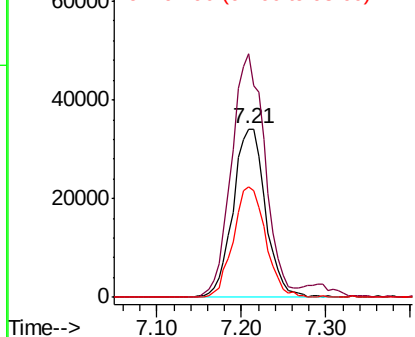
cis-1,2-Dichloroethene
 Concen: 23.107 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 96 Resp: 90717
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 301.0
 98 65.2 0.0 129.8



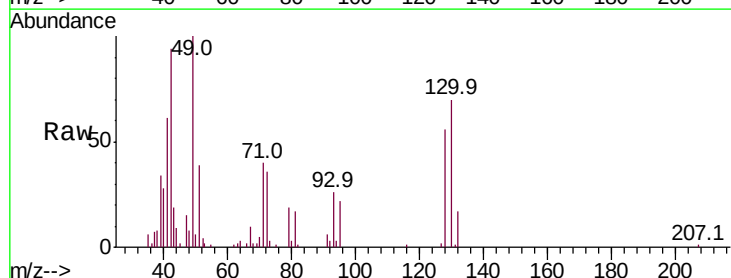
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



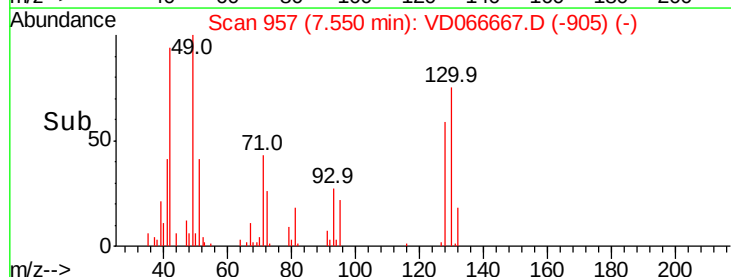
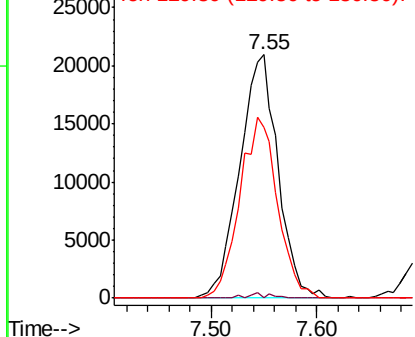
#28

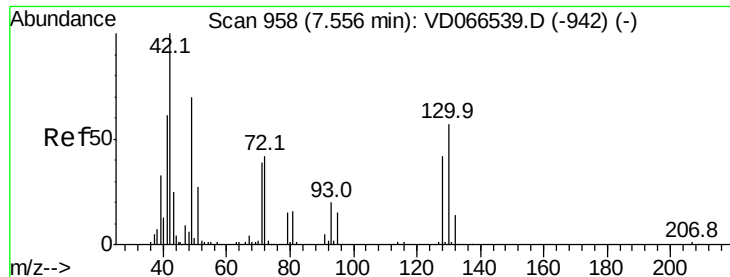
Bromochloromethane
 Concen: 21.010 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

Tgt Ion: 49 Resp: 52704
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 2.6
 130 73.2 58.2 87.2



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

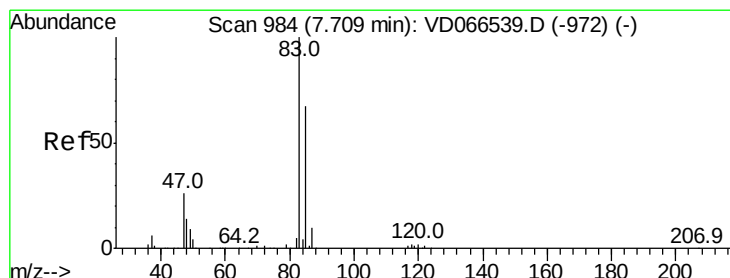
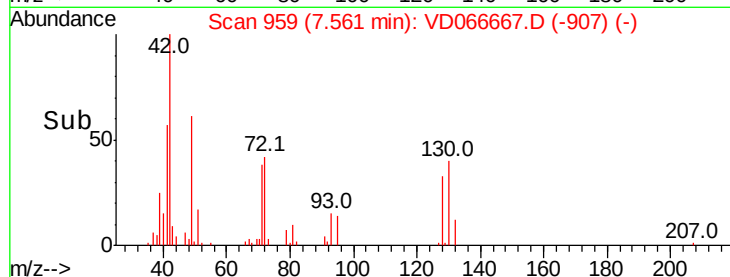
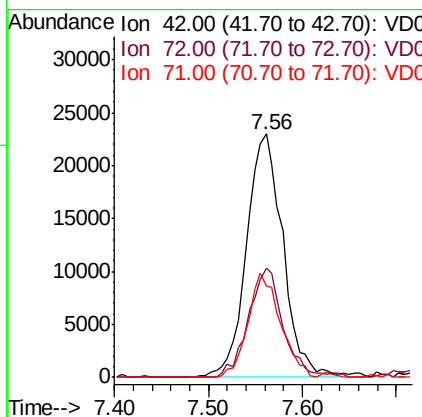
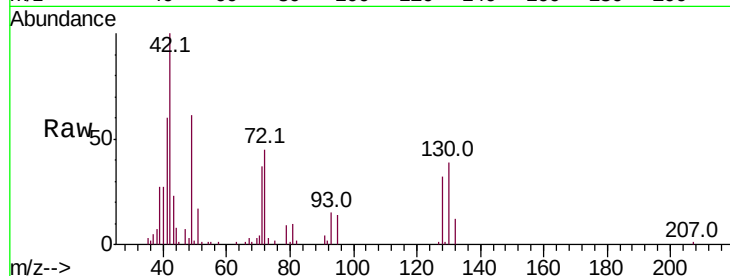




#29
Tetrahydrofuran
Concen: 108.407 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

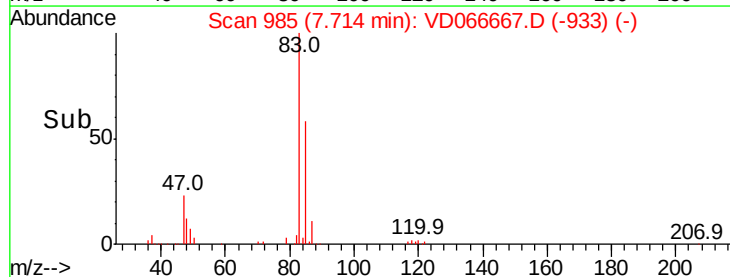
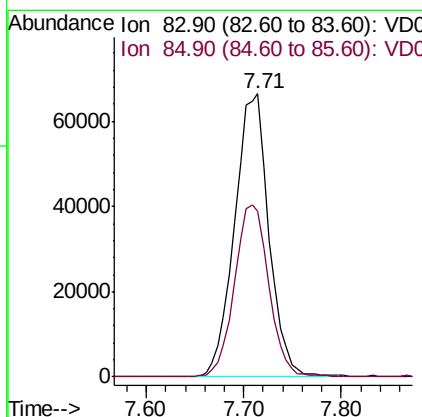
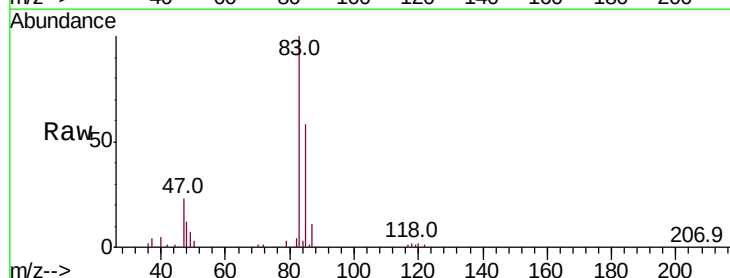
Instrument :
MSVOA_D
ClientSampleId :

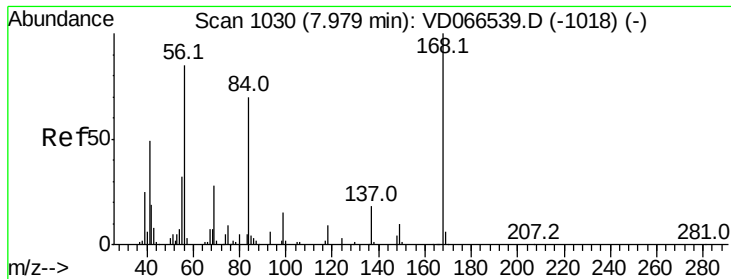
Tot Ion: 42 Resp: 61567
Ion Ratio Lower Upper
42 100
72 43.2 33.4 50.0
71 38.6 31.9 47.9



#30
Chloroform
Concen: 23.681 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Tgt Ion: 83 Resp: 163239
Ion Ratio Lower Upper
83 100
85 58.5 53.6 80.4

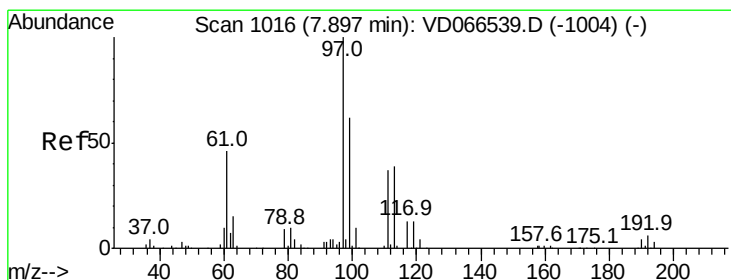
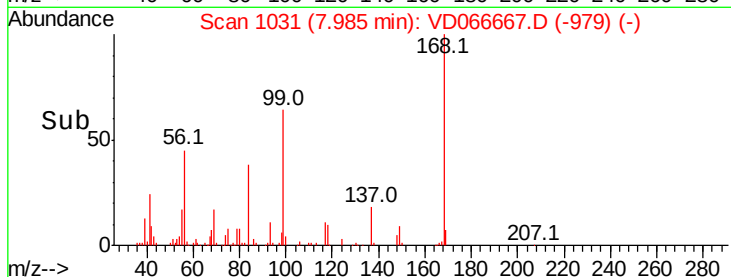
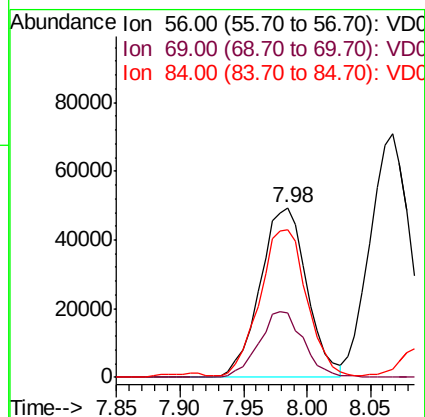
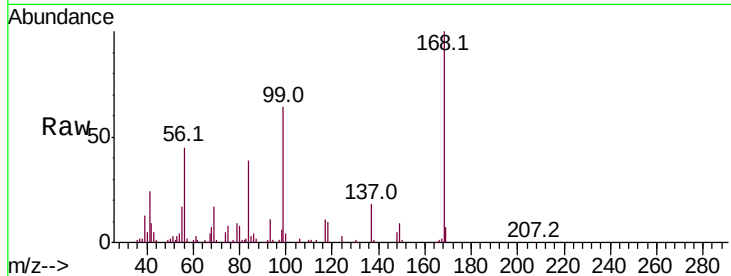




#31
Cyclohexane
Concen: 20.974 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

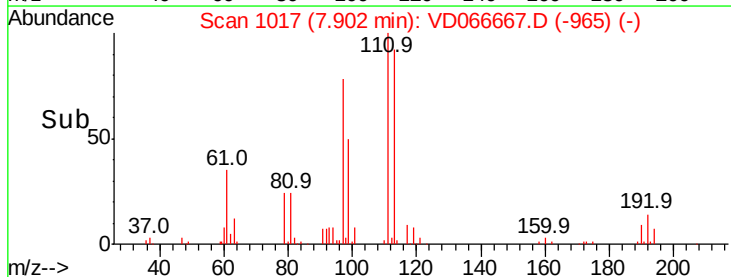
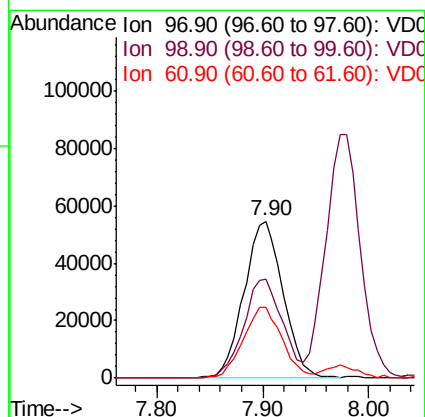
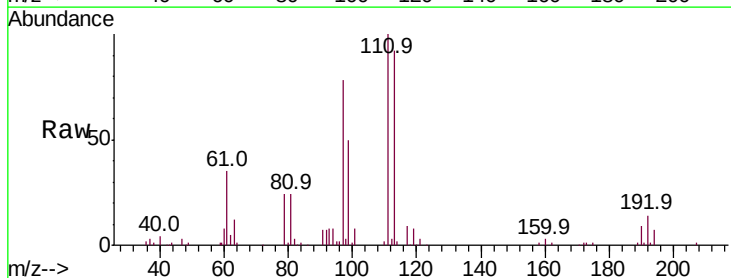
Instrument :
MSVOA_D
ClientSampleId :

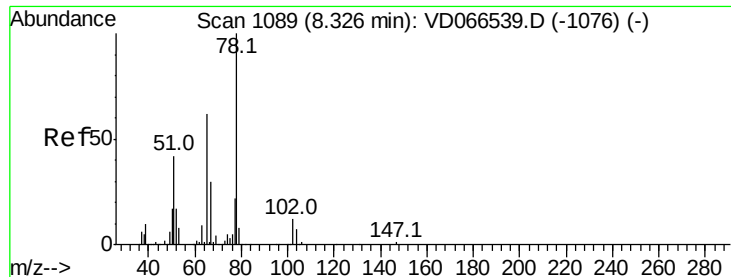
Tot Ion: 56 Resp: 126326
Ion Ratio Lower Upper
56 100
69 37.9 26.3 39.5
84 84.4 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 21.702 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Tgt Ion: 97 Resp: 140651
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.0
61 44.8 37.4 56.0

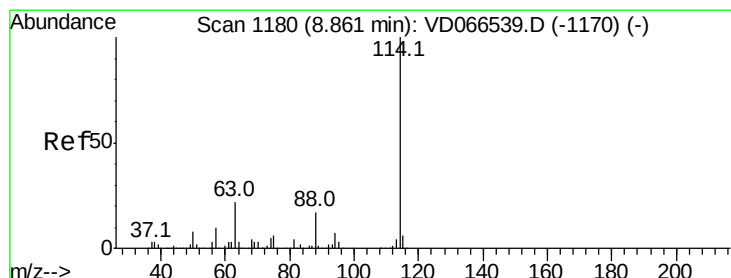
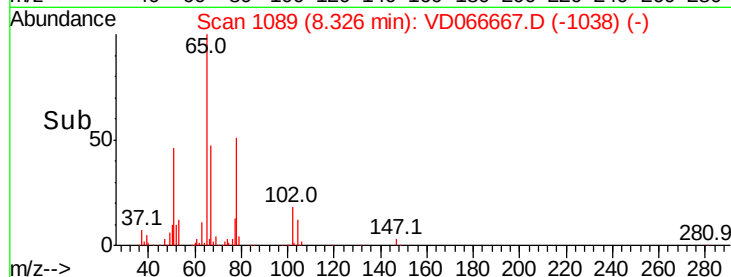
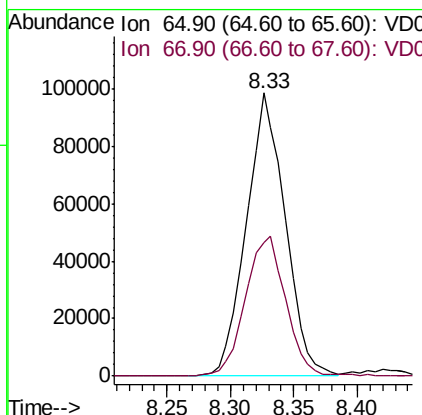
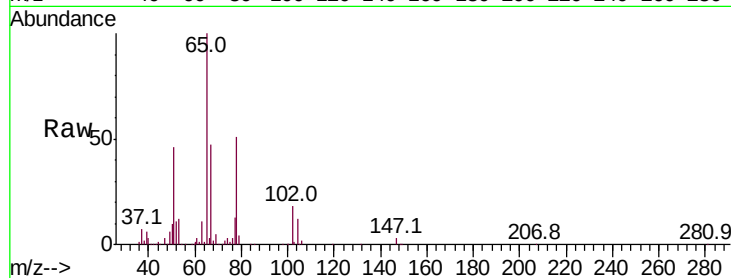




#33
 1,2-Dichloroethane-d4
 Concen: 57.039 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

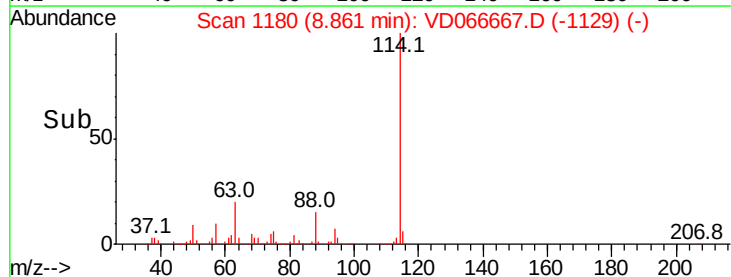
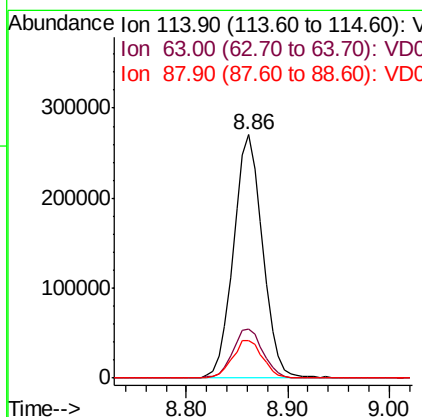
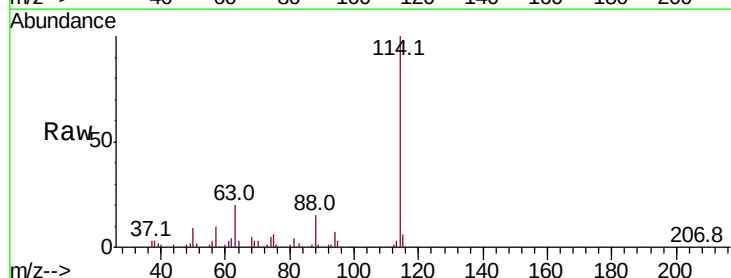
Instrument :
 MSVOA_D
 ClientSampled :

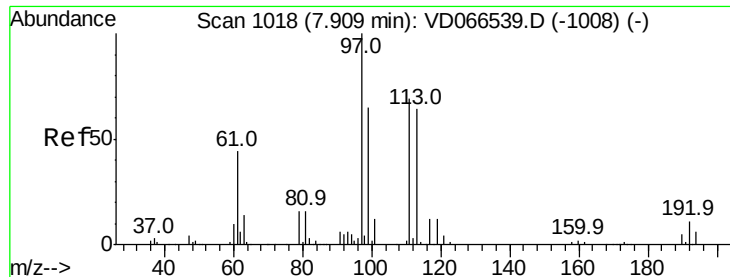
Tot Ion: 65 Resp: 210587
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

Tgt Ion: 114 Resp: 537509
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.2
 88 15.3 0.0 33.2

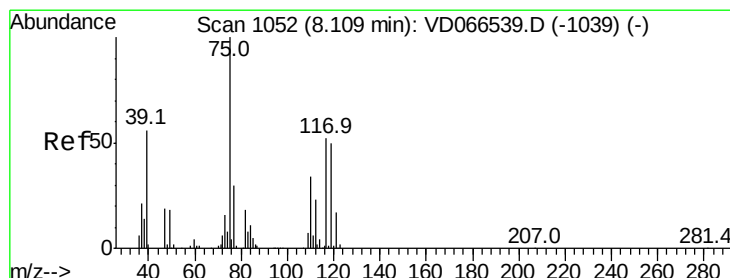
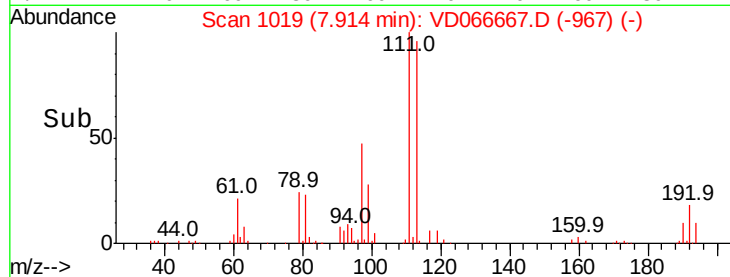
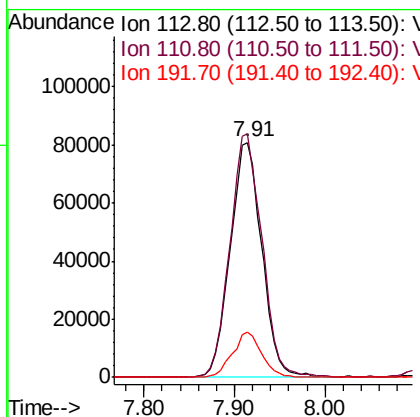
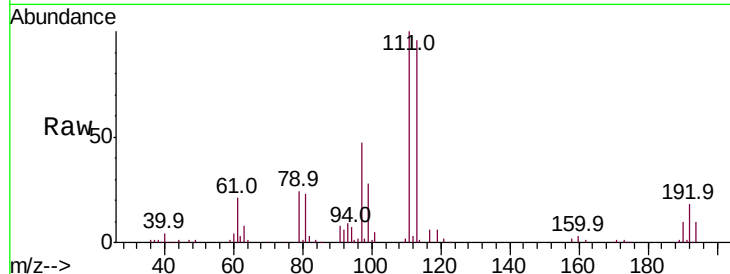




#35
 Dibromofluoromethane
 Concen: 54.120 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

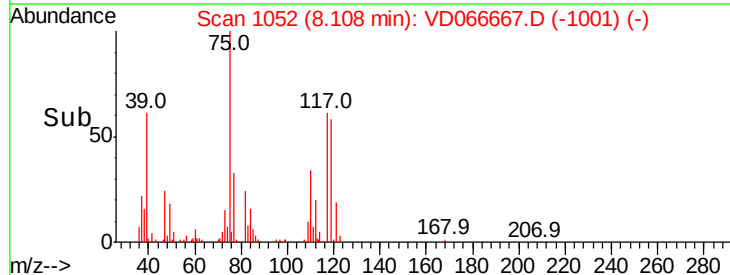
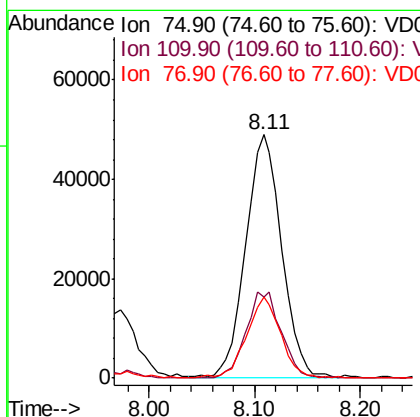
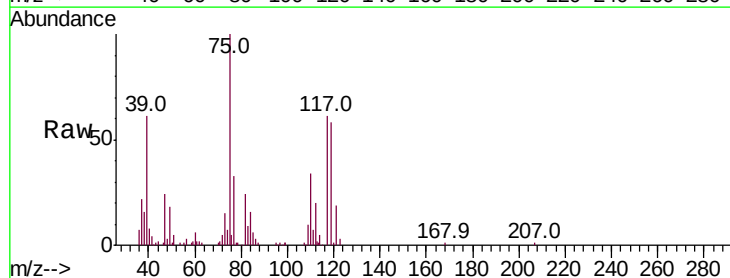
Instrument :
 MSVOA_D
 ClientSampleId :

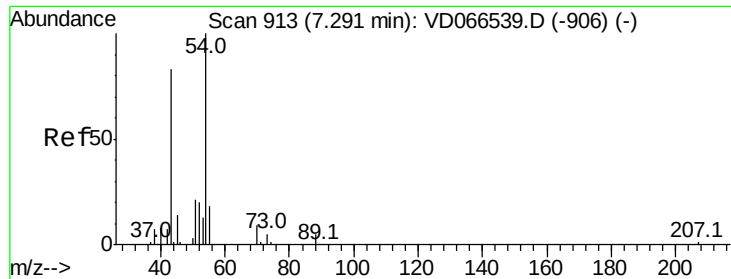
Tot Ion:113 Resp: 196242
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.2 124.8
 192 17.8 13.7 20.5



#36
 1,1-Dichloropropene
 Concen: 20.788 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

Tgt Ion: 75 Resp: 116282
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.3 52.0
 77 31.4 25.1 37.7

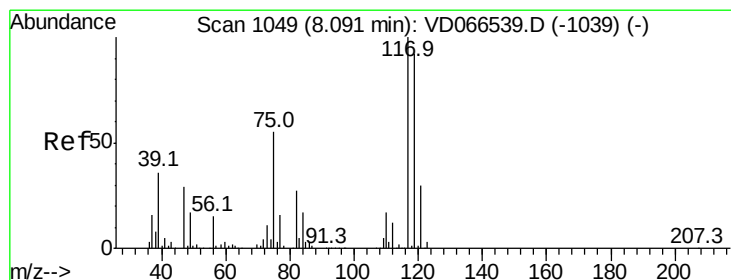
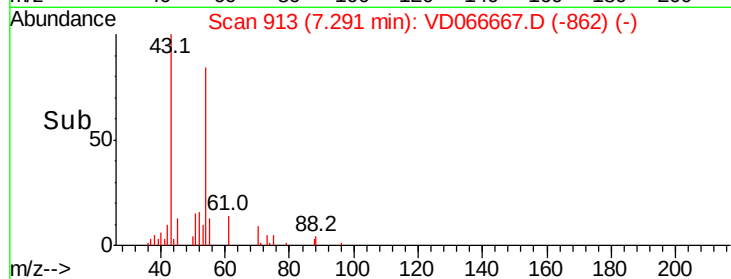
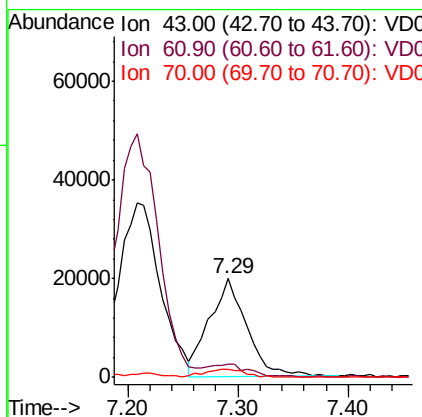
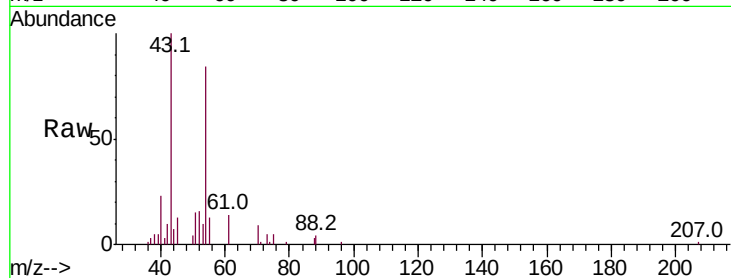




#37
Ethyl Acetate
Concen: 20.627 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

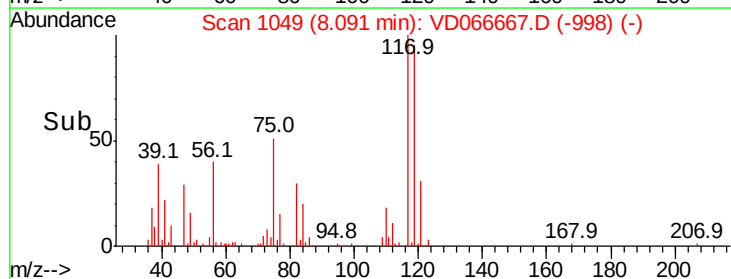
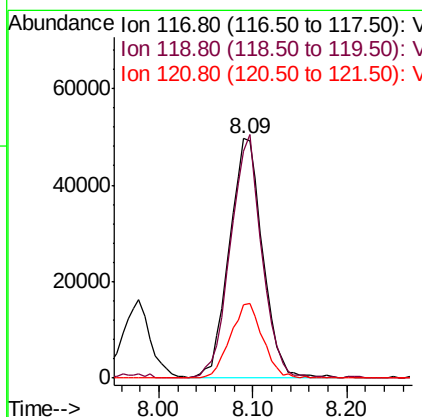
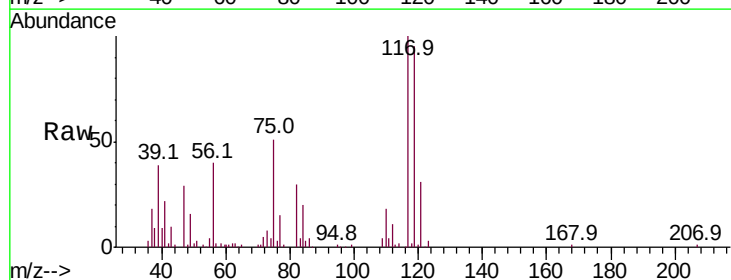
Instrument :
MSVOA_D
ClientSampleId :

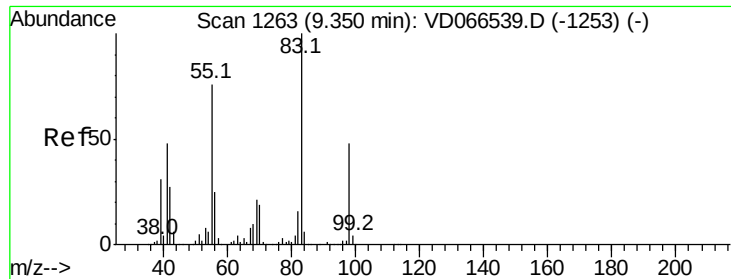
Tot Ion: 43 Resp: 45946
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.8
70 9.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.706 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Tgt Ion: 117 Resp: 122429
Ion Ratio Lower Upper
117 100
119 94.9 73.9 110.9
121 30.7 24.1 36.1

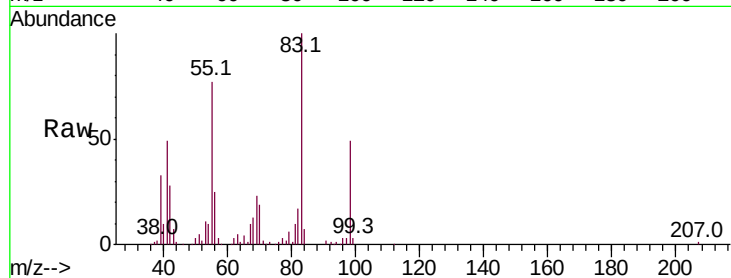




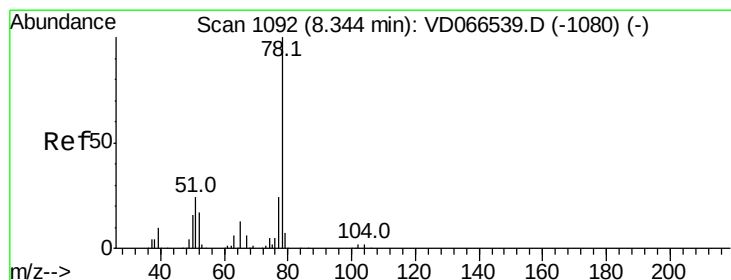
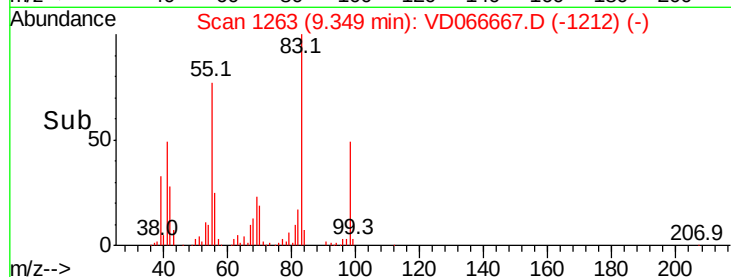
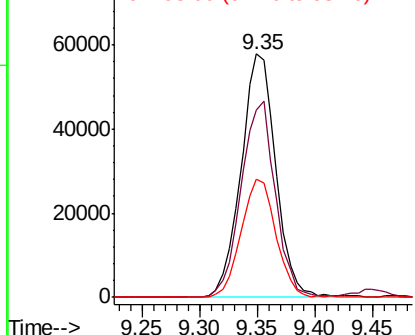
#39
Methylvlcyclohexane
Concen: 19.423 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	60.8	91.2
98	48.5	38.6	58.0

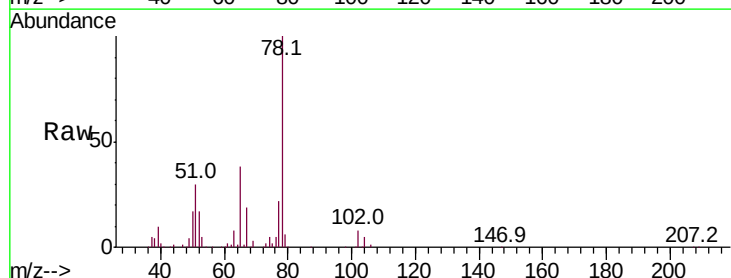


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

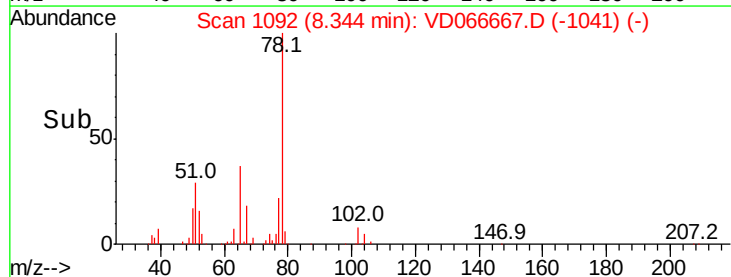
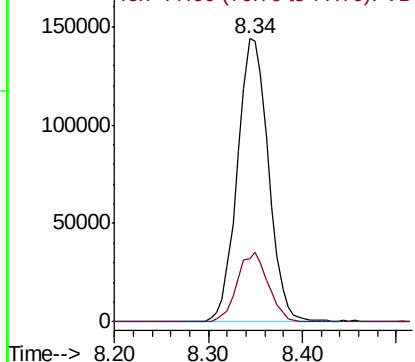


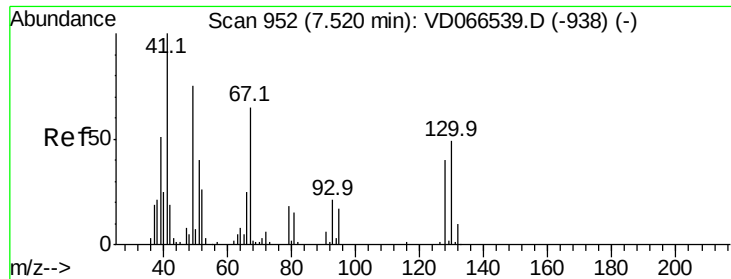
#40
Benzene
Concen: 21.539 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.1	28.7



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

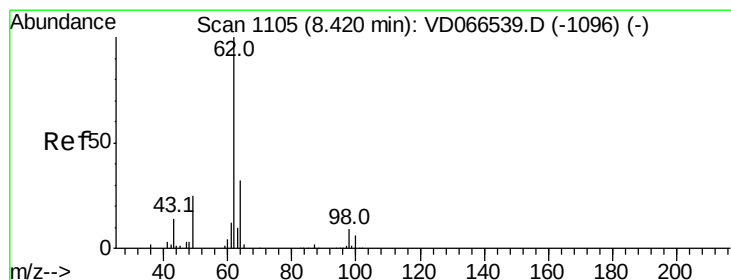
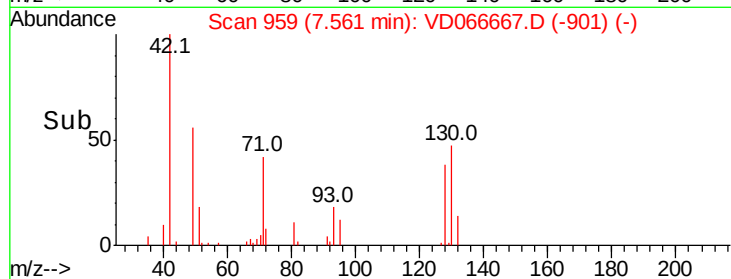
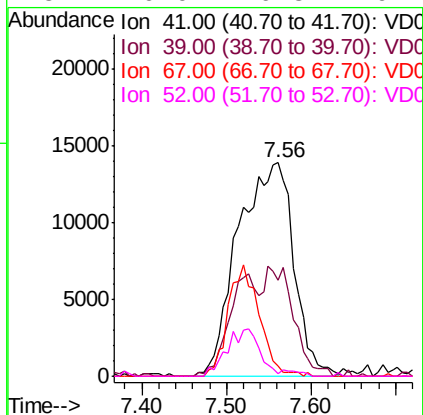
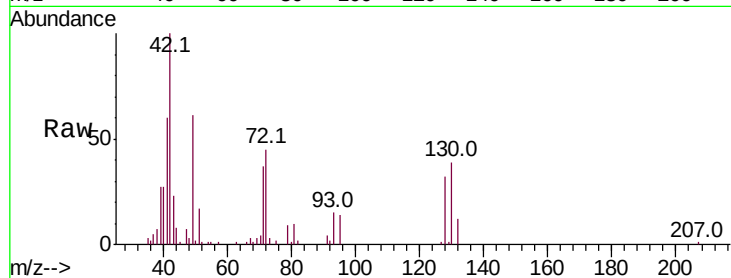




#41
Methacrylonitrile
Concen: 58.573 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

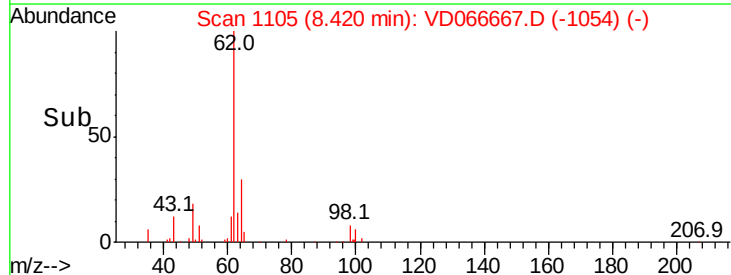
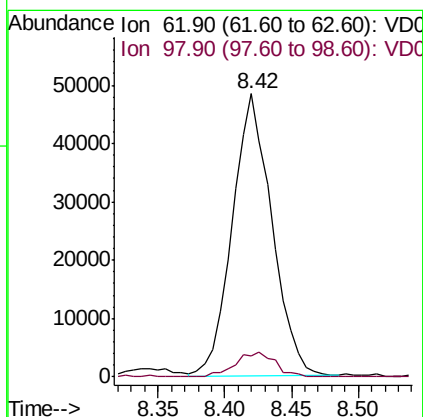
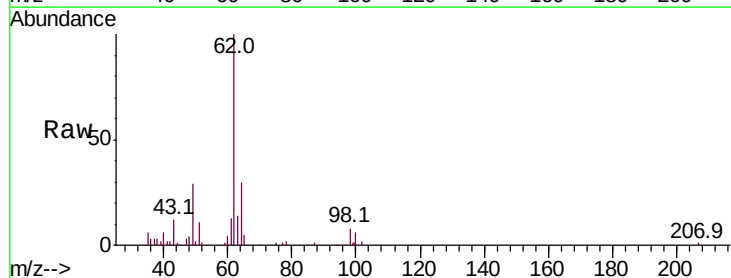
Instrument :
MSVOA_D
ClientSampleId :

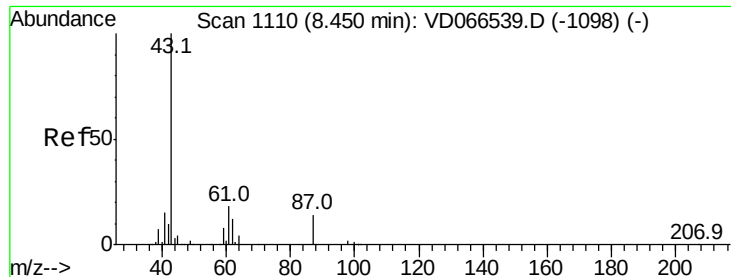
Tot Ion:	41	Resp:	63154
Ion	Ratio	Lower	Upper
41	100		
39	28.1	53.6	80.4#
67	0.0	59.2	88.8#
52	0.0	26.8	40.2#



#42
1,2-Dichloroethane
Concen: 20.093 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Tgt Ion:	62	Resp:	99741
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





#43

Isopropyl Acetate

Concen: 20.077 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

ClientSampled :

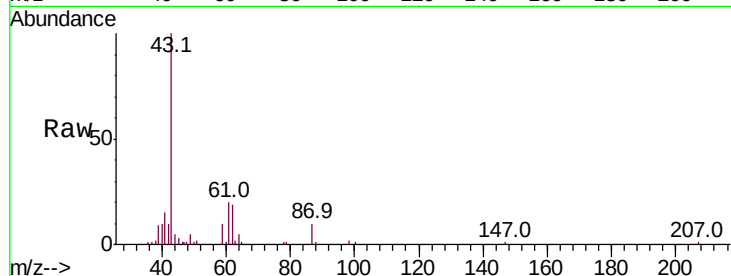
Tot Ion: 43 Resp: 85700

Ion Ratio Lower Upper

43 100

61 31.4 23.8 35.8

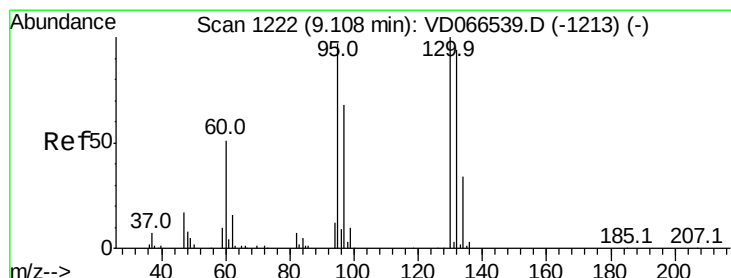
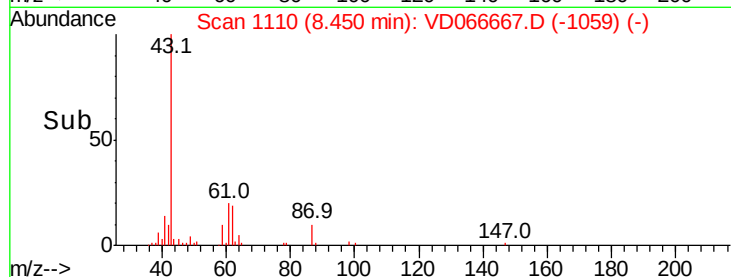
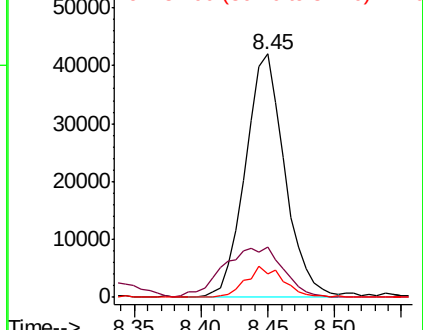
87 12.1 10.7 16.1



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: 21.635 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066667.D

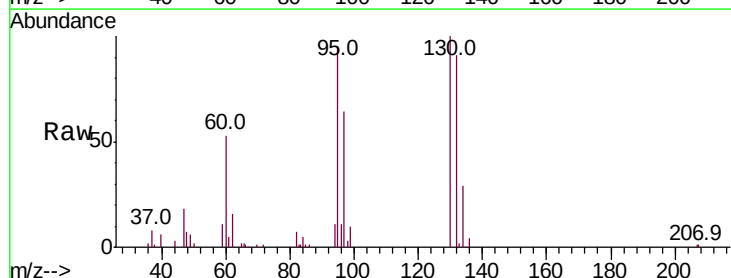
Acq: 12 Sep 2020 01:35

Tgt Ion: 130 Resp: 86944

Ion Ratio Lower Upper

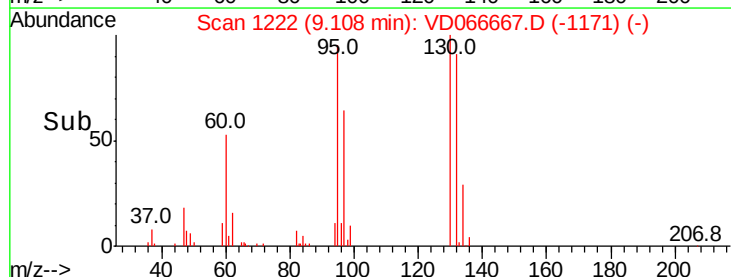
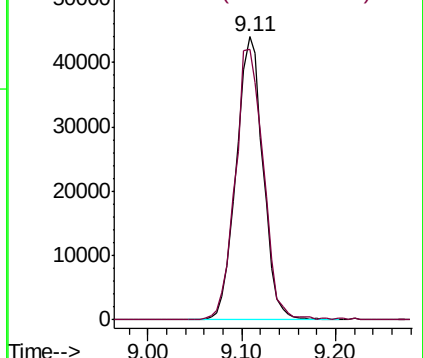
130 100

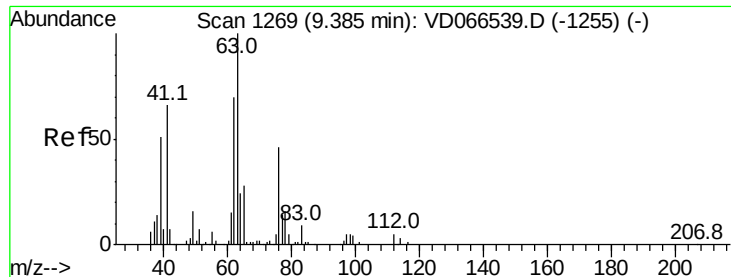
95 95.4 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.820 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

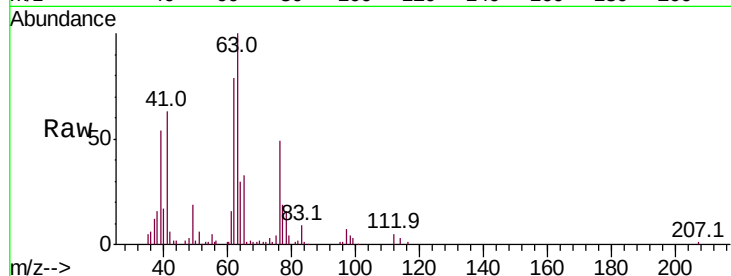
ClientSampleId :

Tot Ion: 63 Resp: 84067

Ion Ratio Lower Upper

63 100

65 32.3 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

40000

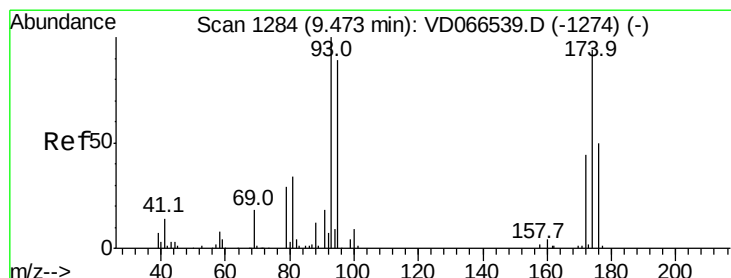
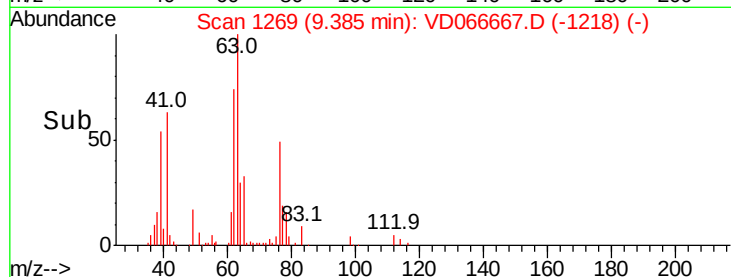
30000

20000

10000

0

Time--> 9.30 9.35 9.40 9.45



#46

Dibromomethane

Concen: 20.956 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

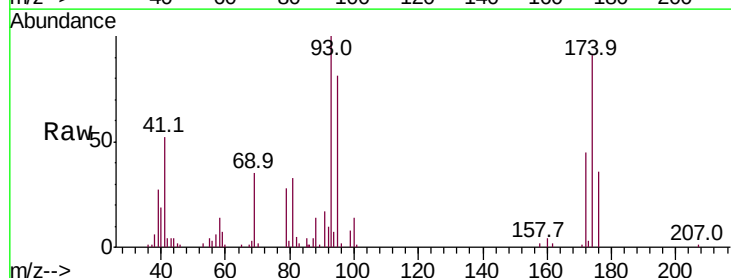
Tgt Ion: 93 Resp: 44544

Ion Ratio Lower Upper

93 100

95 83.7 68.7 103.1

174 90.5 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): VDC

30000

25000

20000

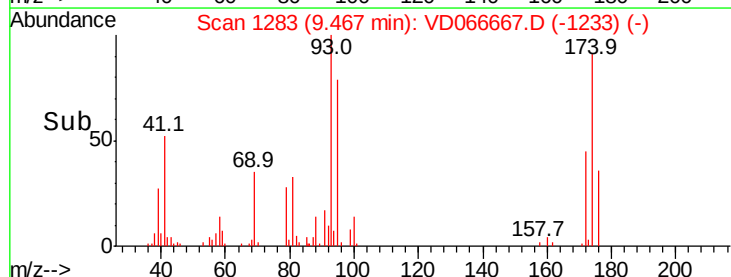
15000

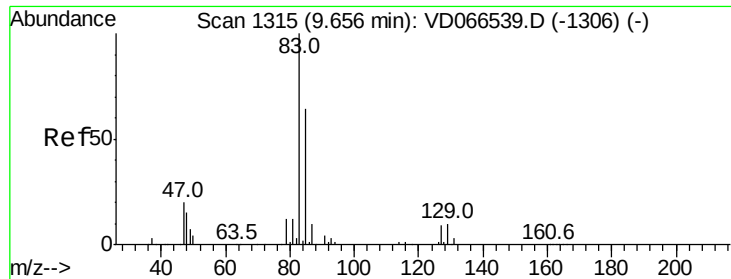
10000

5000

0

Time--> 9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 21.450 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

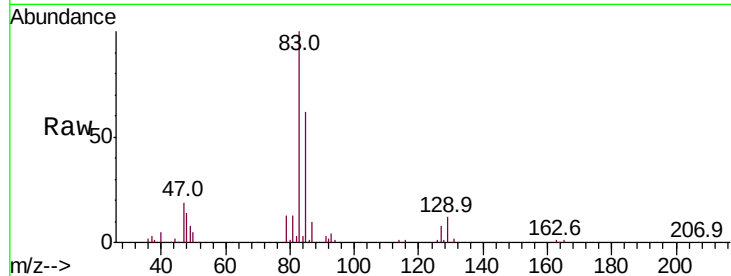
Tot Ion: 83 Resp: 123357

Ion Ratio Lower Upper

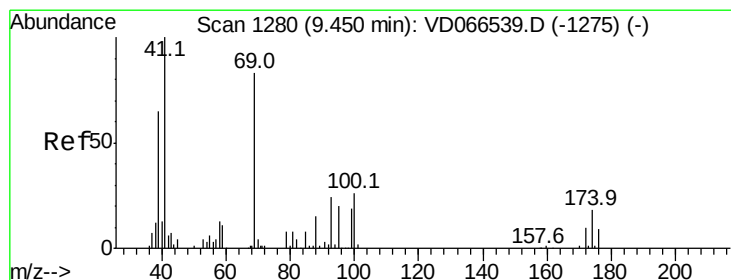
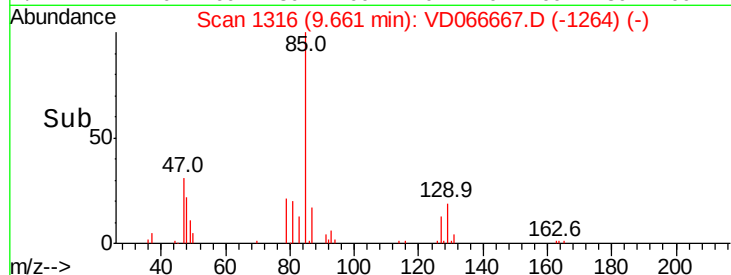
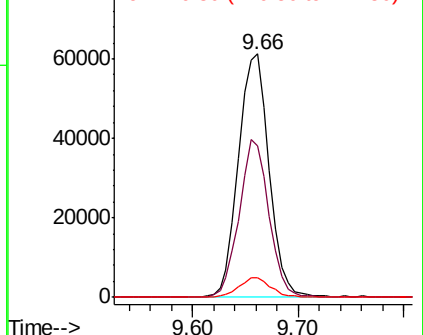
83 100

85 62.1 51.1 76.7

127 8.0 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): V



#48

Methyl methacrylate

Concen: 19.937 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

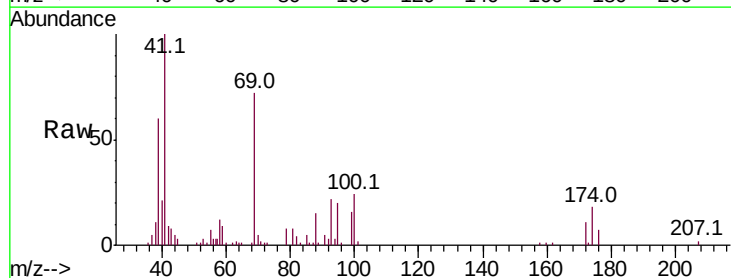
Tgt Ion: 41 Resp: 43033

Ion Ratio Lower Upper

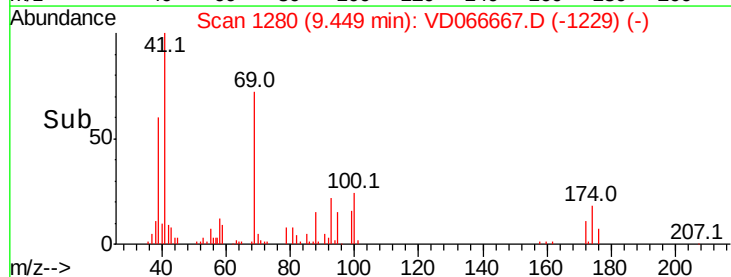
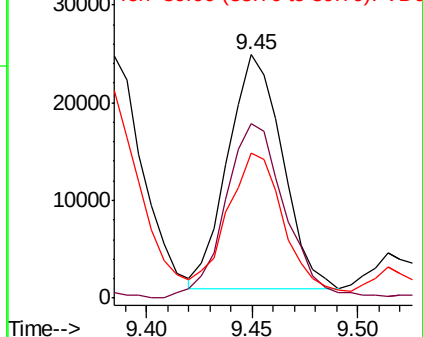
41 100

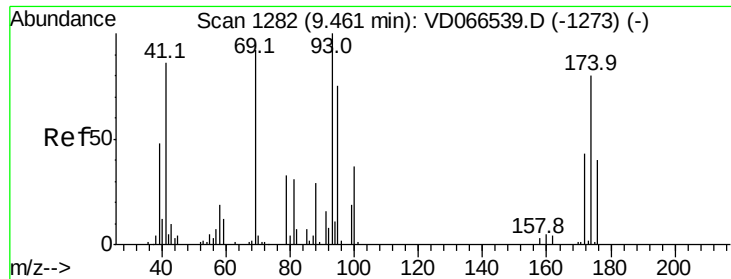
69 81.7 64.5 96.7

39 59.4 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

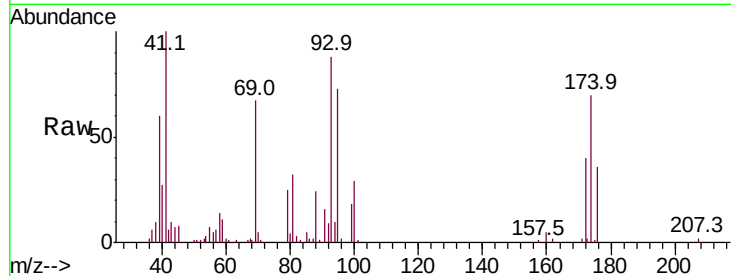




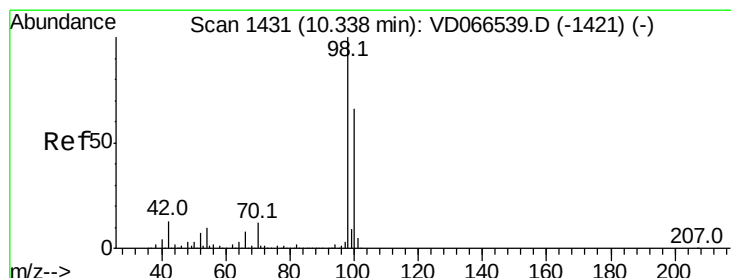
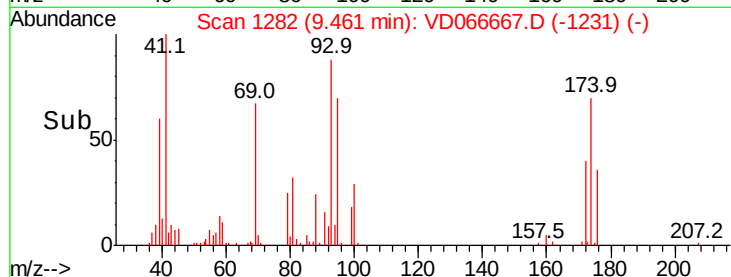
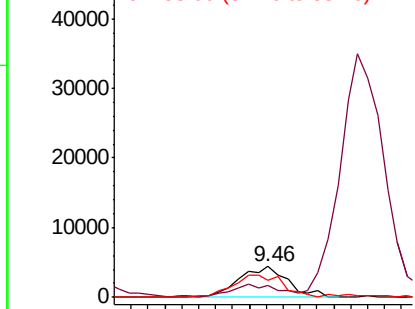
#49
1,4-Dioxane
Concen: 383.454 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 8942
Ion Ratio Lower Upper
88 100
43 41.4 28.3 42.5
58 75.1 56.1 84.1

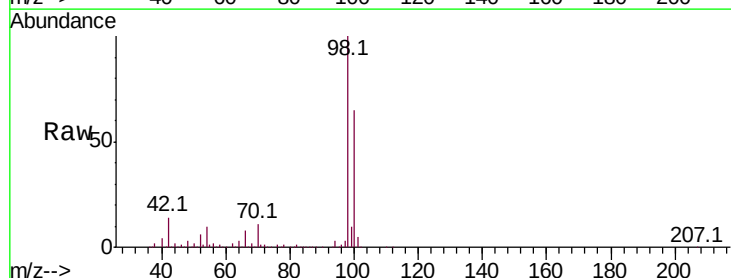


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

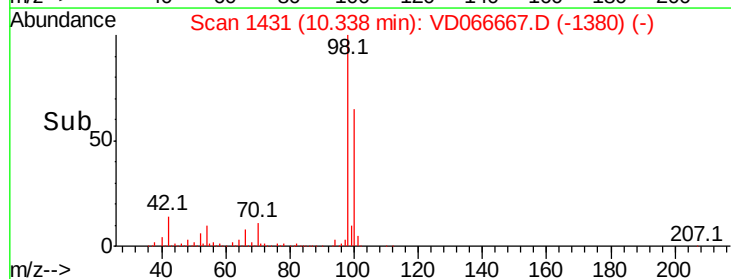
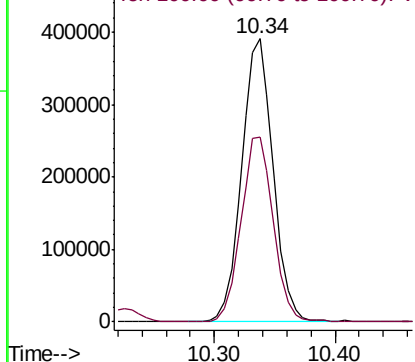


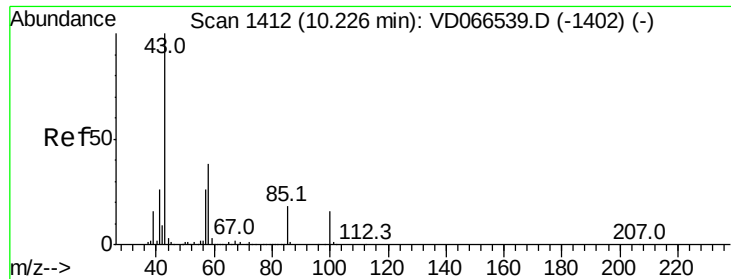
#50
Toluene-d8
Concen: 54.619 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Tgt Ion: 98 Resp: 707867
Ion Ratio Lower Upper
98 100
100 67.1 52.9 79.3



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

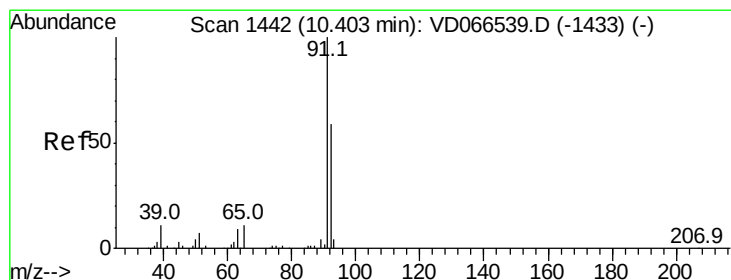
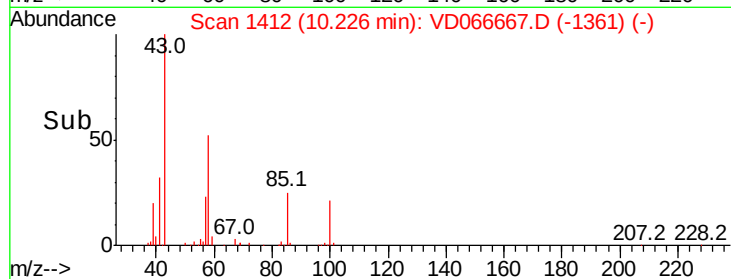
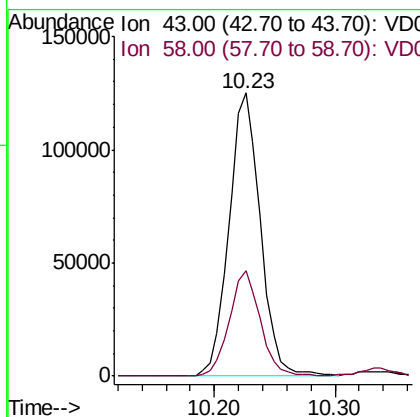
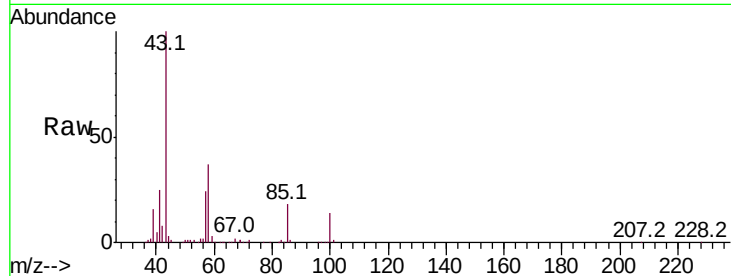




#51
 4-Methyl-2-Pentanone
 Concen: 105.005 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

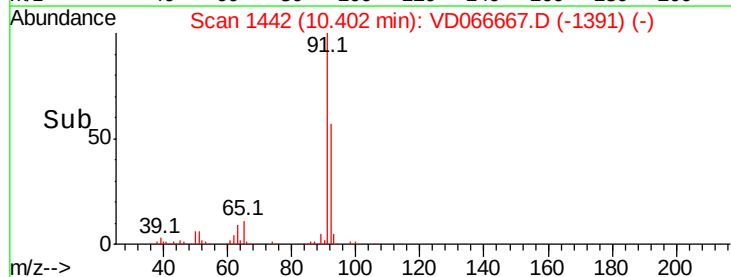
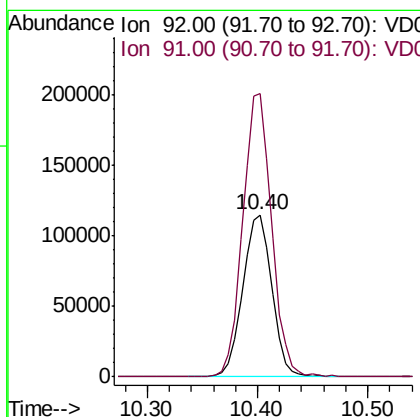
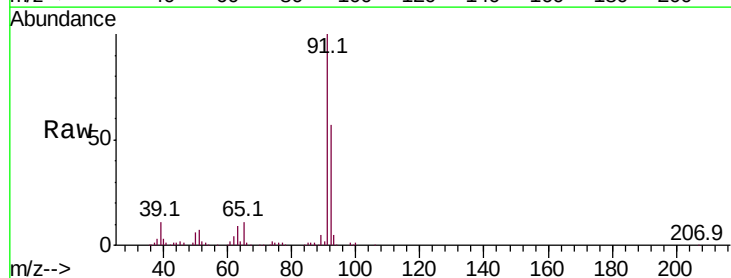
Instrument :
 MSVOA_D
 ClientSampleID :

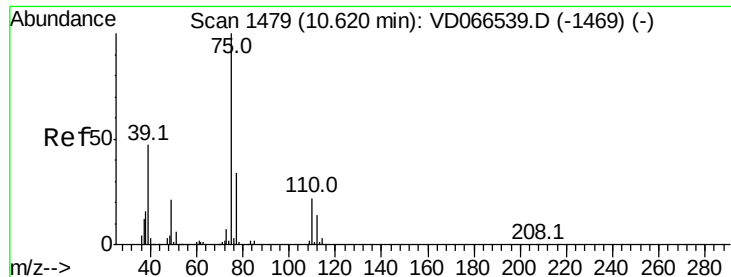
Tot Ion: 43 Resp: 226055
 Ion Ratio Lower Upper
 43 100
 58 36.6 30.5 45.7



#52
 Toluene
 Concen: 22.035 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

Tgt Ion: 92 Resp: 213688
 Ion Ratio Lower Upper
 92 100
 91 173.1 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 20.894 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

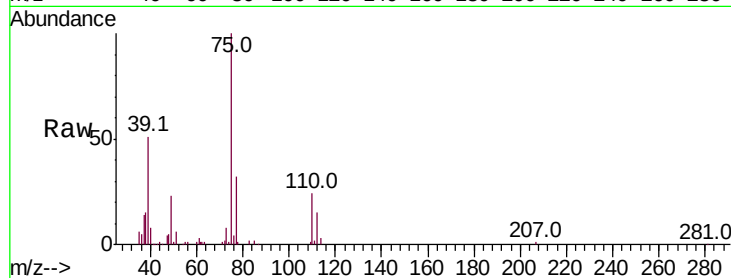
ClientSampled :

Tot Ion: 75 Resp: 106071

Ion Ratio Lower Upper

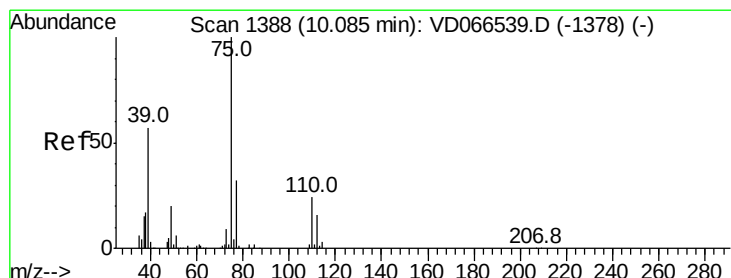
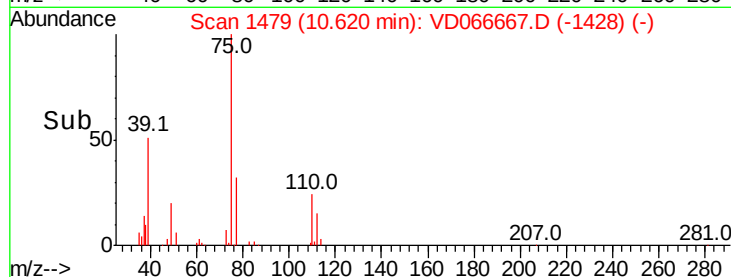
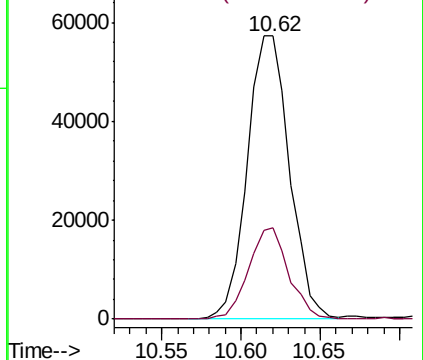
75 100

77 32.5 27.4 41.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 21.134 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

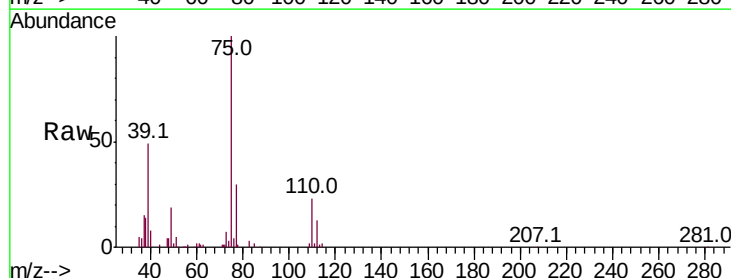
Tgt Ion: 75 Resp: 128846

Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.0

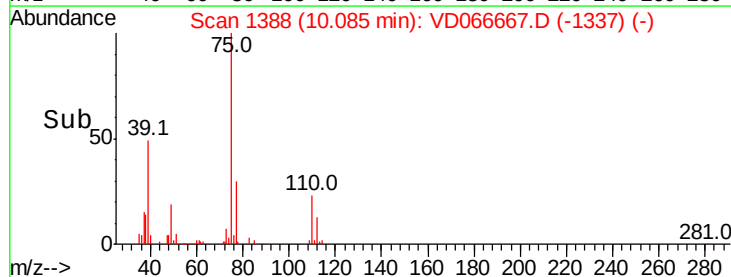
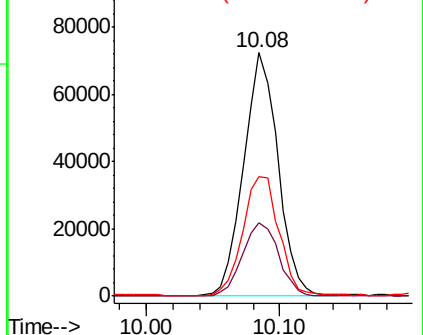
39 49.3 45.4 68.0

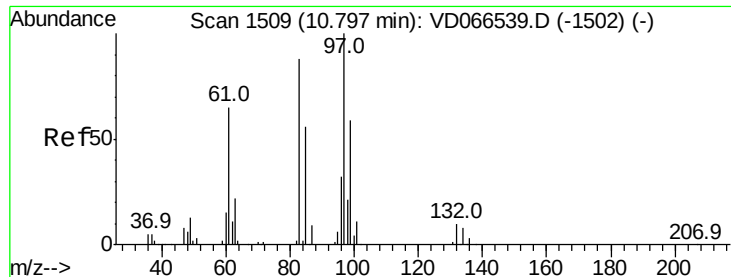


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

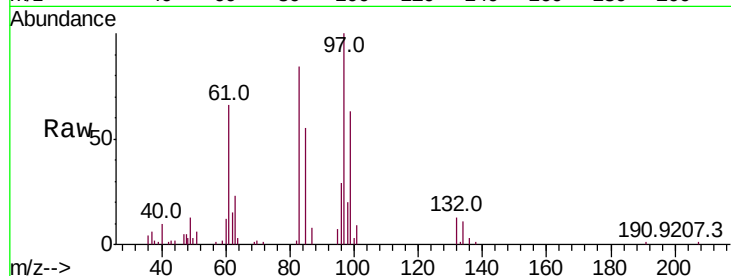




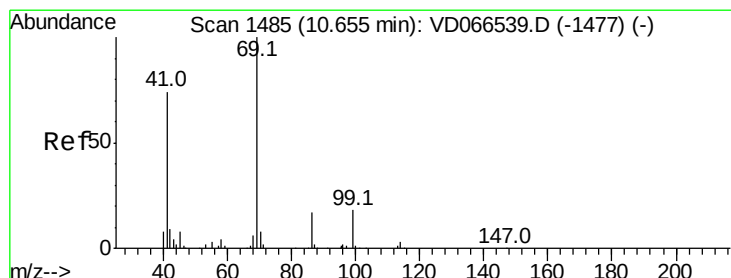
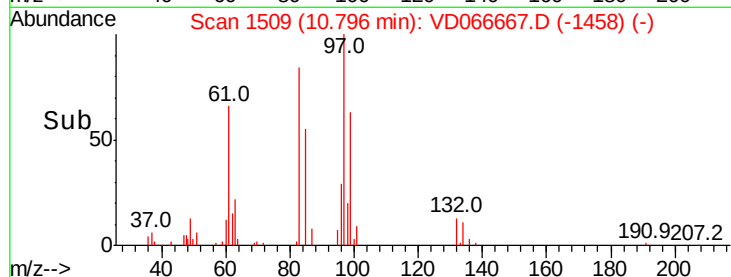
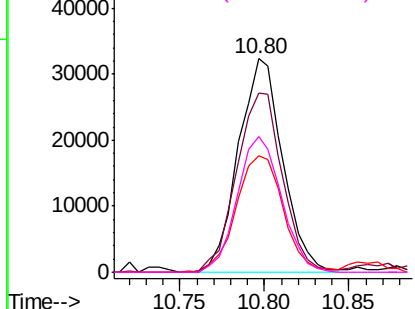
#55
 1,1,2-Trichloroethane
 Concen: 21.603 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	59040
Ion	Ratio	Lower	Upper
97	100		
83	83.9	70.1	105.1
85	54.2	44.5	66.7
99	63.4	47.1	70.7

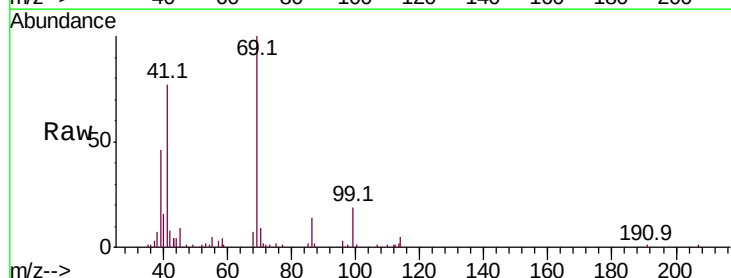


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

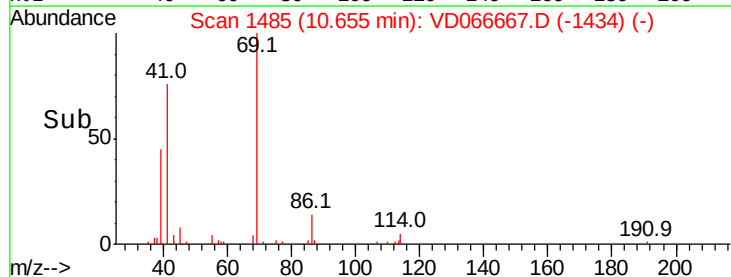
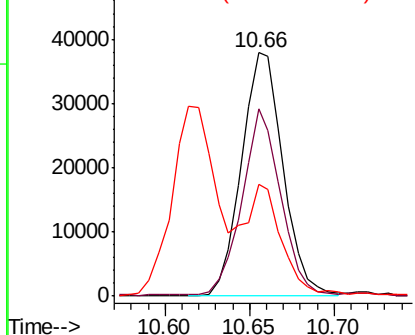


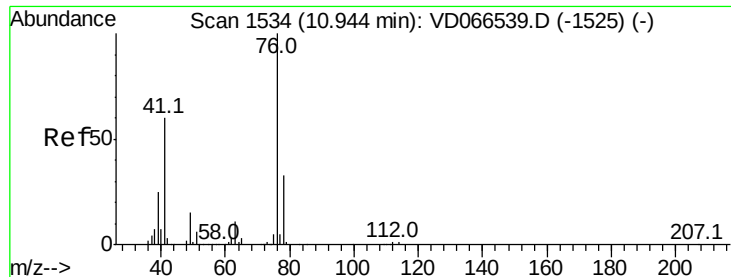
#56
 Ethyl methacrylate
 Concen: 20.390 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

Tgt Ion:	69	Resp:	64883
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.8	85.2
39	36.1	30.6	46.0



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





#57

1,3-Dichloropropane

Concen: 21.424 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

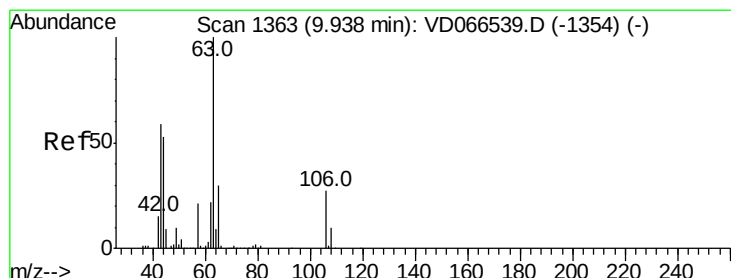
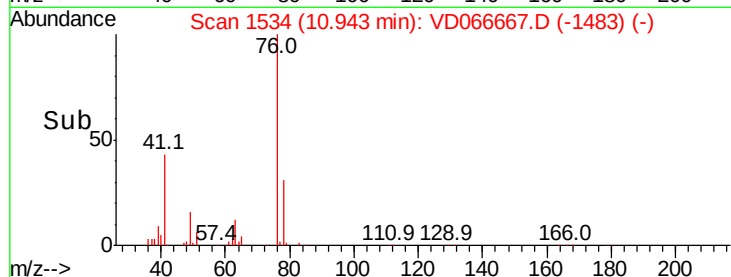
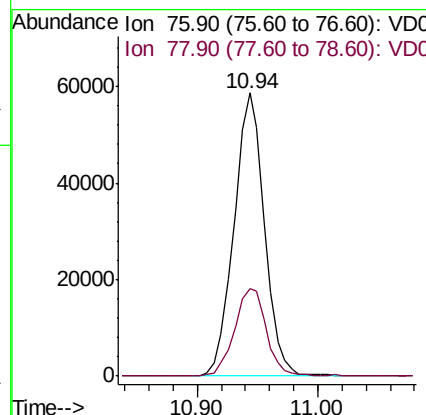
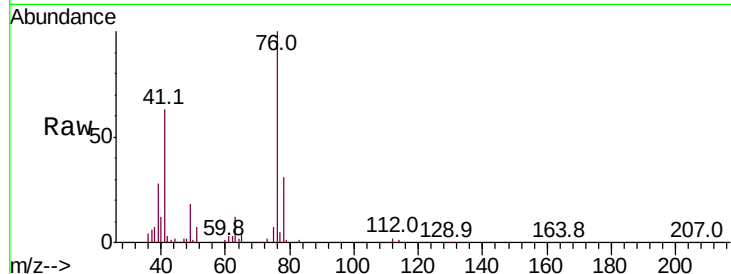
Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 76 Resp: 102559

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 121.891 ug/l

RT: 9.94 min Scan# 1363

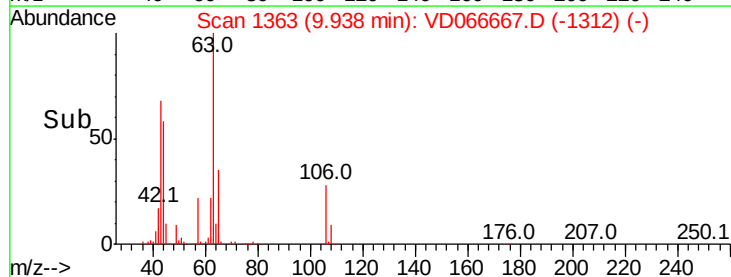
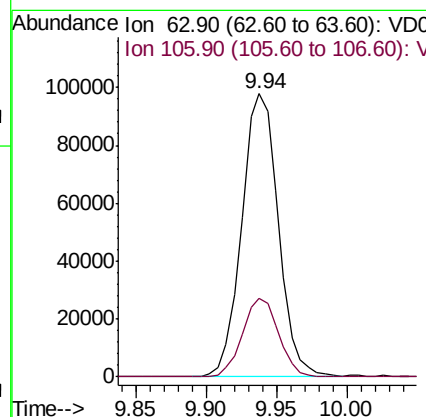
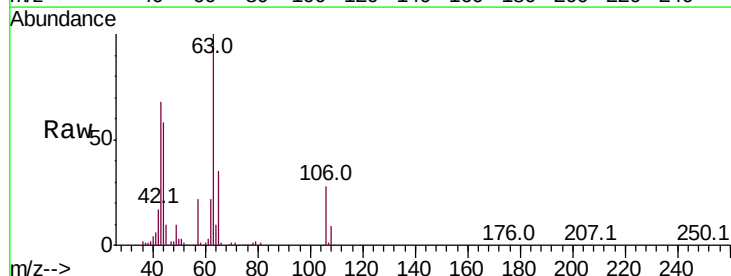
Delta R.T. -0.00 min

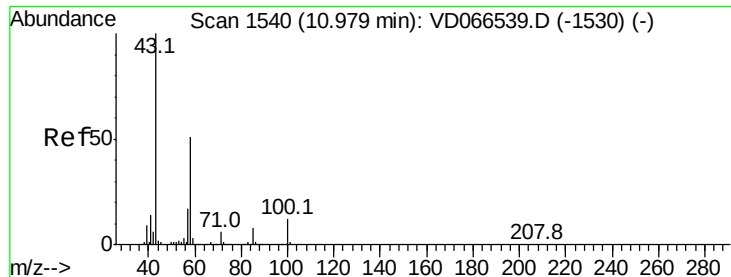
Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Tgt Ion: 63 Resp: 177412

Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.0	33.0

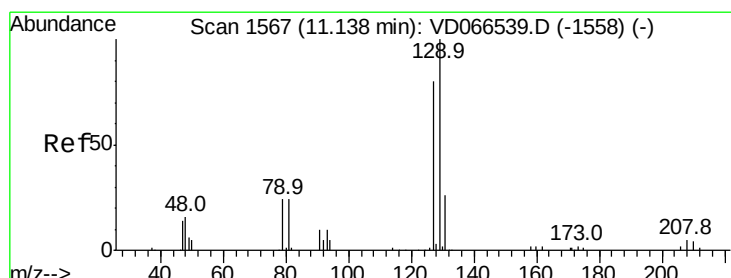
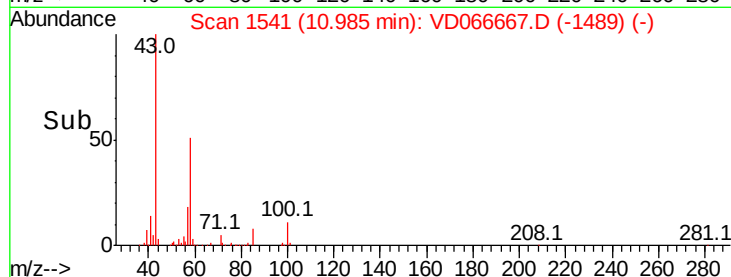
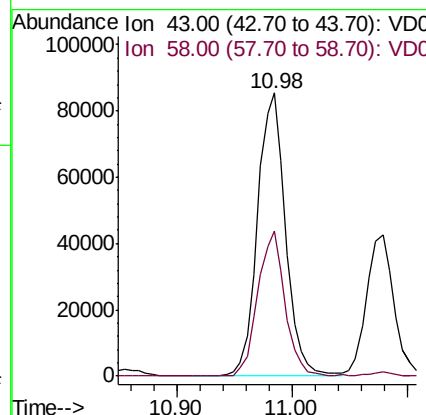
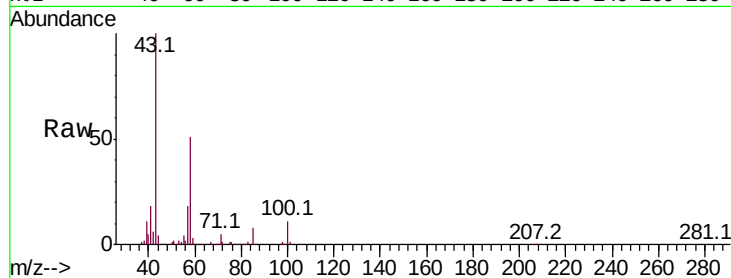




#59
2-Hexanone
Concen: 100.128 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

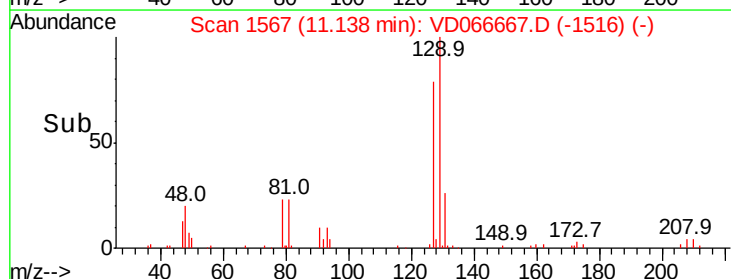
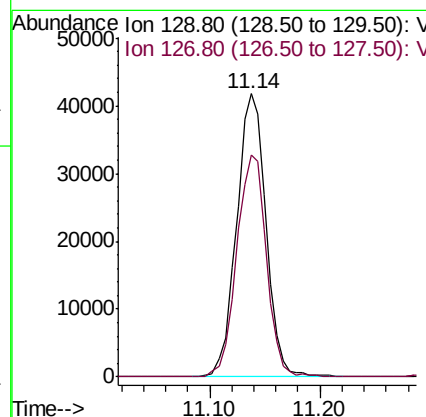
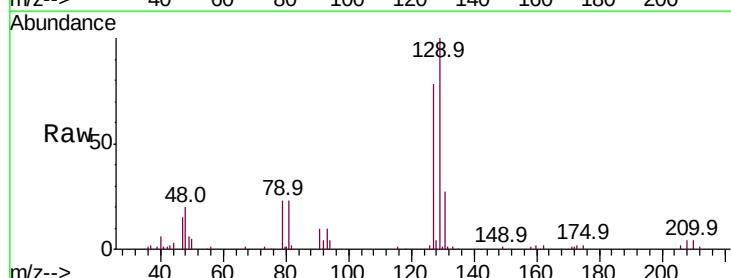
Instrument :
MSVOA_D
ClientSampleId :

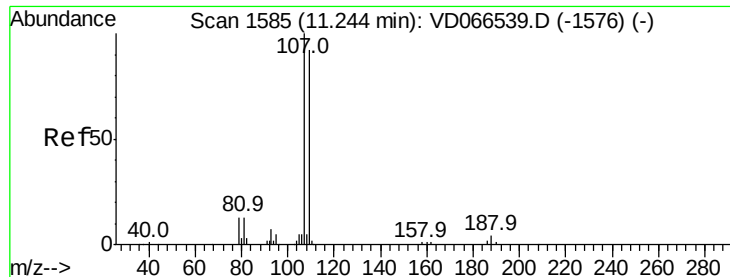
Tot Ion: 43 Resp: 144957
Ion Ratio Lower Upper
43 100
58 49.5 25.6 76.8



#60
Dibromochloromethane
Concen: 21.569 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Tgt Ion:129 Resp: 77952
Ion Ratio Lower Upper
129 100
127 79.1 39.5 118.3

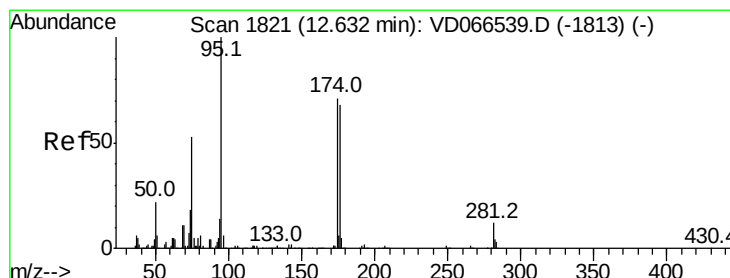
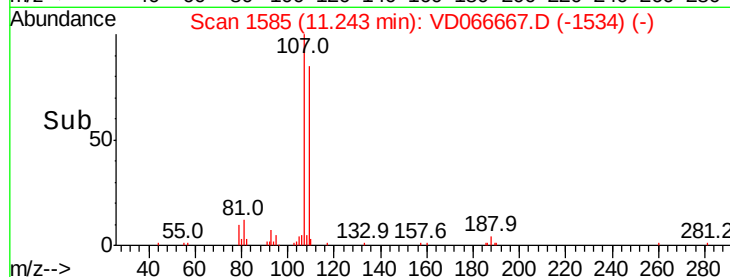
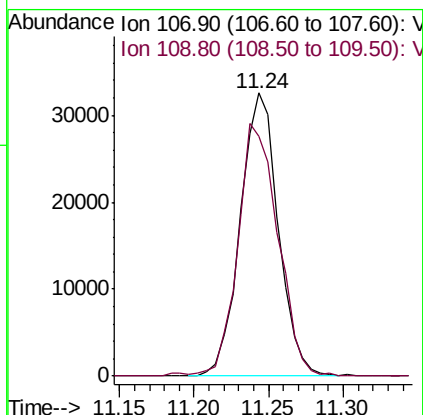
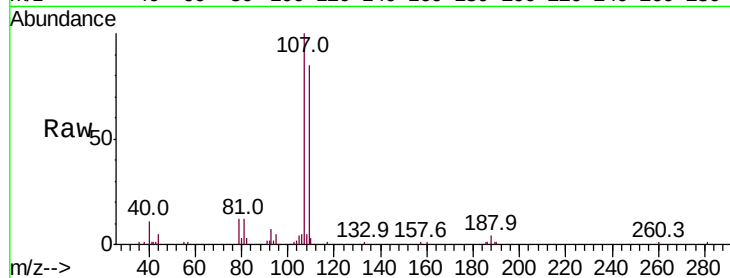




#61
 1,2-Dibromoethane
 Concen: 21.544 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

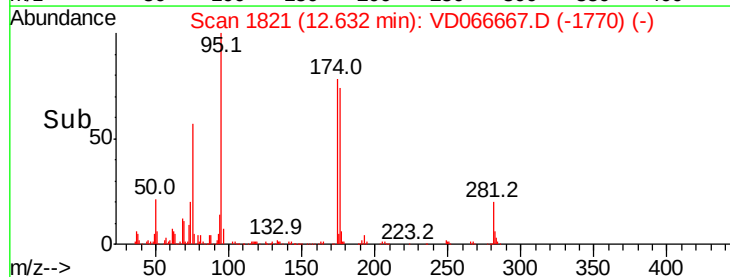
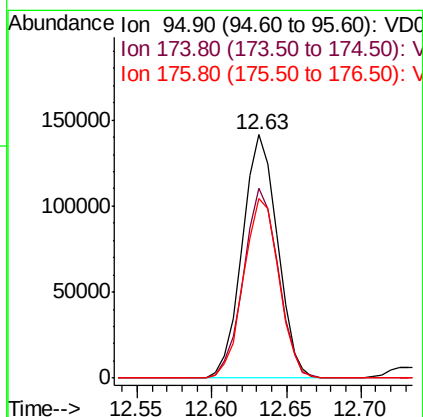
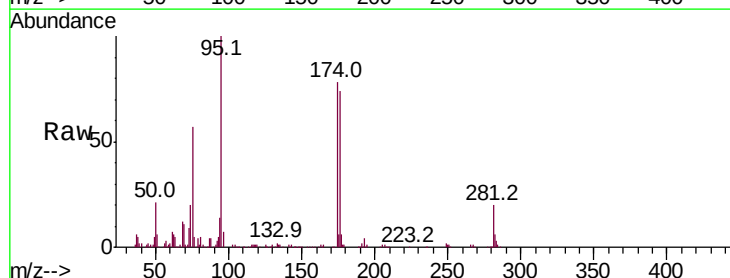
Instrument :
 MSVOA_D
 ClientSampleId :

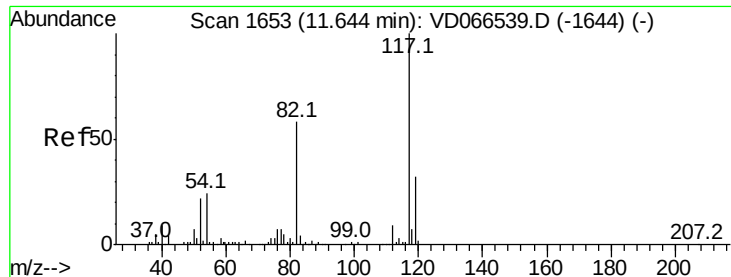
Tot Ion:107 Resp: 57283
 Ion Ratio Lower Upper
 107 100
 109 95.0 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 53.657 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

Tgt Ion: 95 Resp: 230588
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 155.8
 176 74.1 0.0 148.6

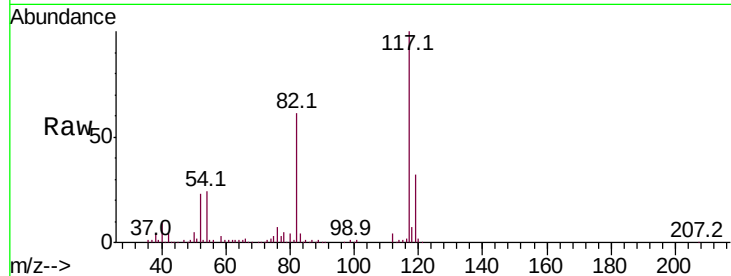




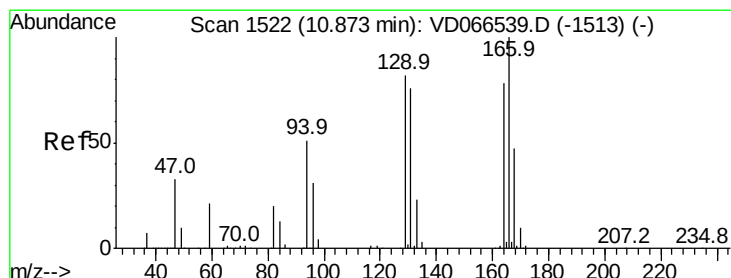
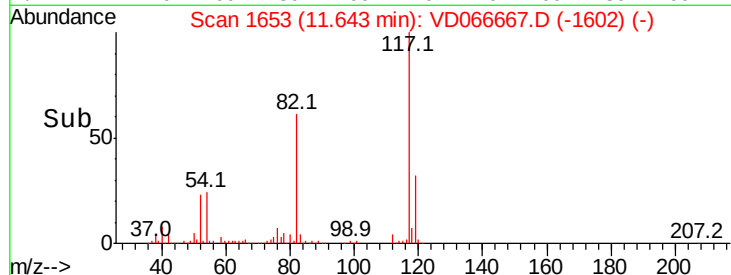
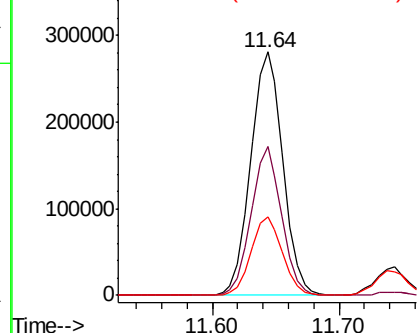
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 495825
Ion Ratio Lower Upper
117 100
82 61.3 46.2 69.2
119 32.0 25.8 38.8

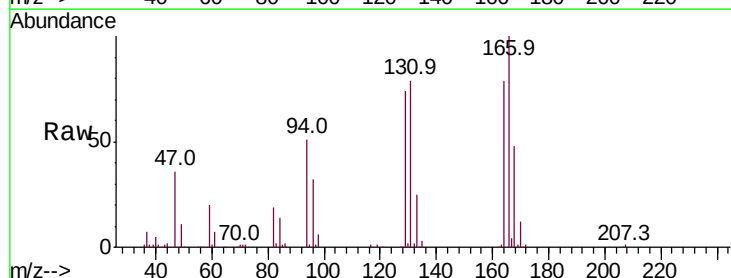


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

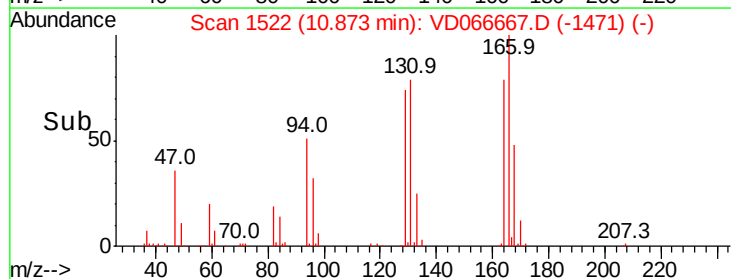
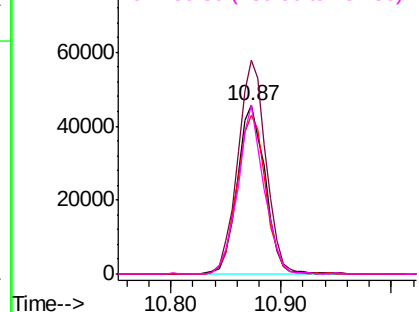


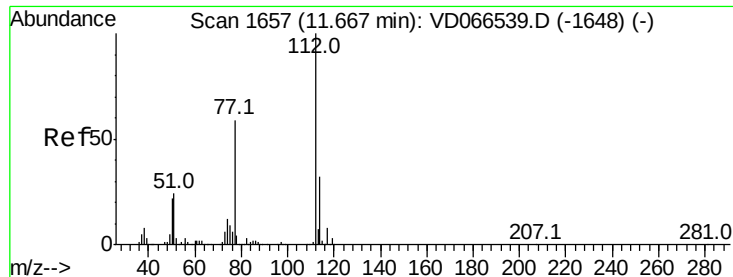
#64
Tetrachloroethene
Concen: 24.304 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Tgt Ion:164 Resp: 81136
Ion Ratio Lower Upper
164 100
166 126.7 103.2 154.8
129 94.0 84.5 126.7
131 100.2 78.9 118.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

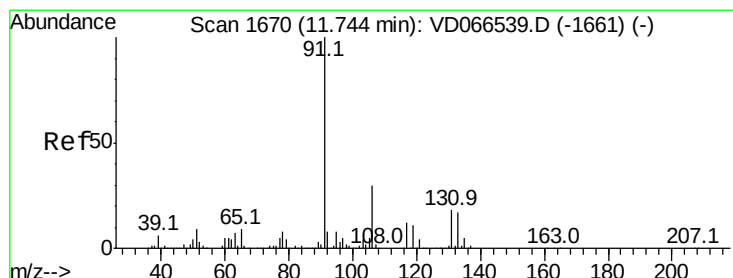
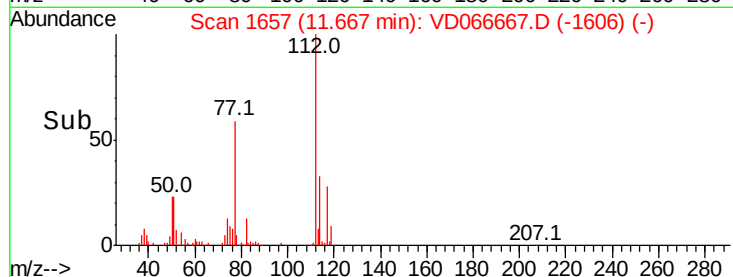
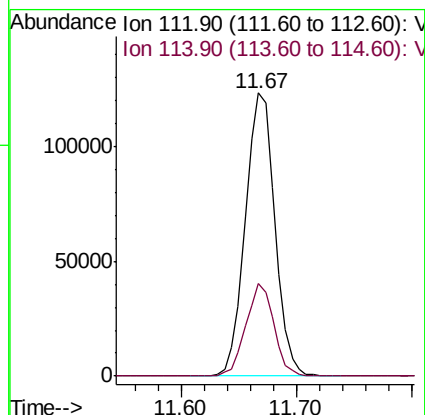
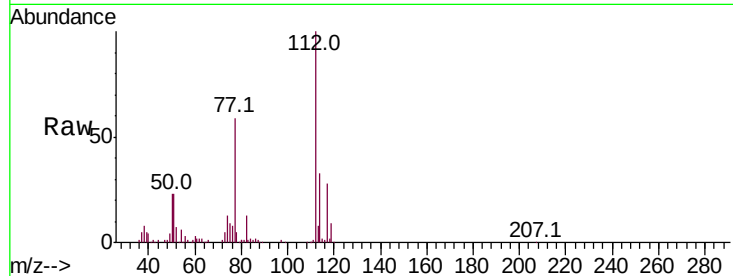




#65
Chlorobenzene
Concen: 21.384 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

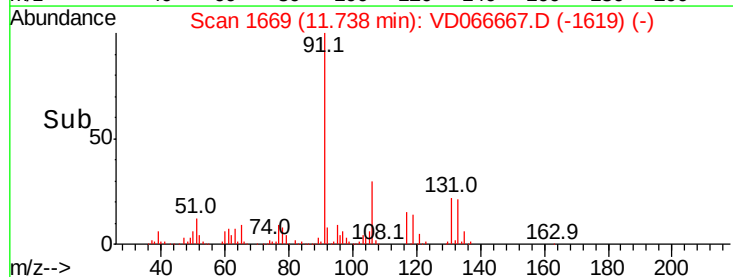
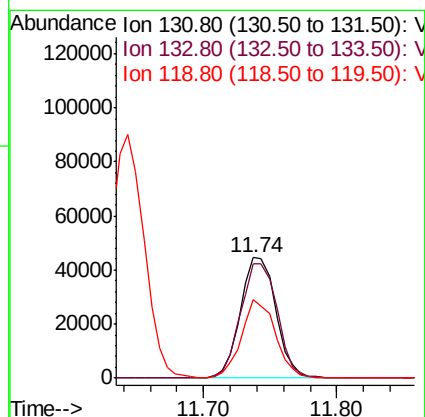
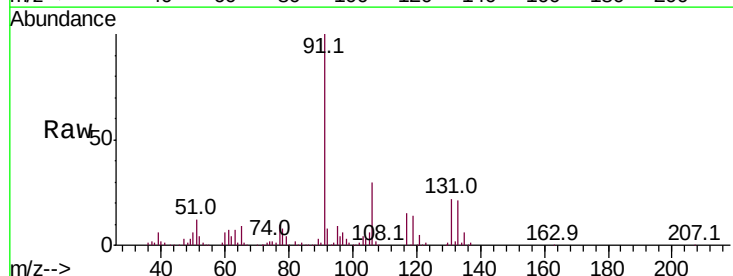
Instrument :
MSVOA_D
ClientSampled :

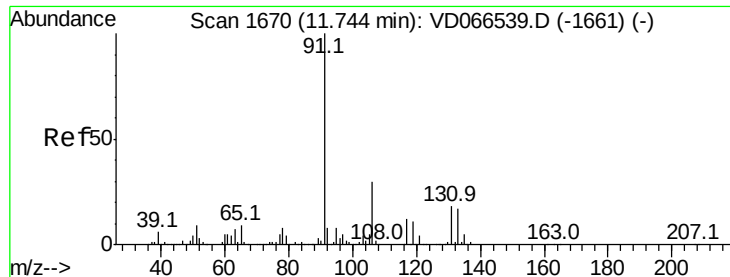
Tot Ion:112 Resp: 218831
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.065 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Tgt Ion:131 Resp: 82271
Ion Ratio Lower Upper
131 100
133 98.3 46.7 140.0
119 62.6 31.9 95.7





#67

Ethyl Benzene

Concen: 20.877 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

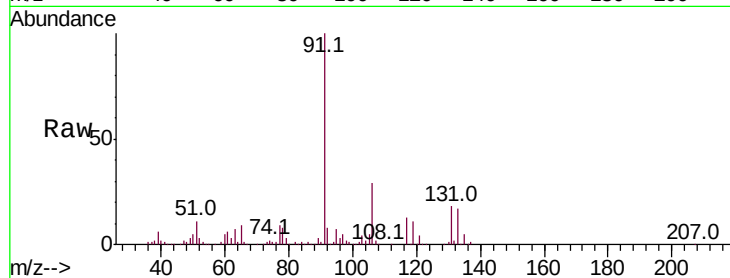
ClientSampleId :

Tot Ion: 91 Resp: 392287

Ion Ratio Lower Upper

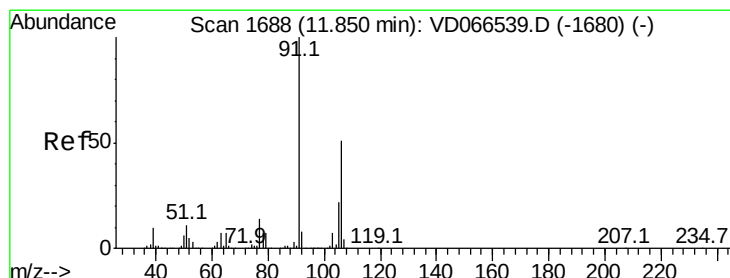
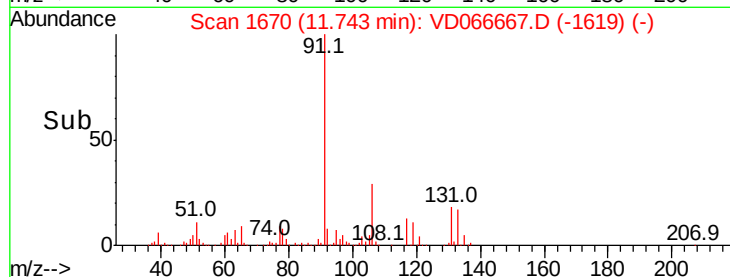
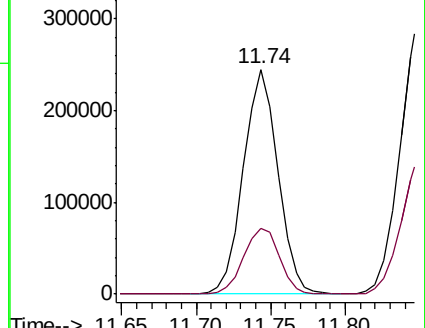
91 100

106 29.2 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.023 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066667.D

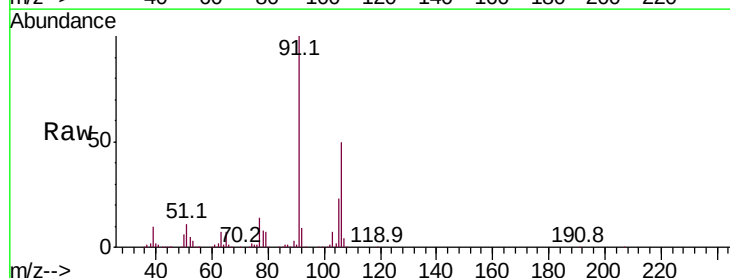
Acq: 12 Sep 2020 01:35

Tgt Ion:106 Resp: 293197

Ion Ratio Lower Upper

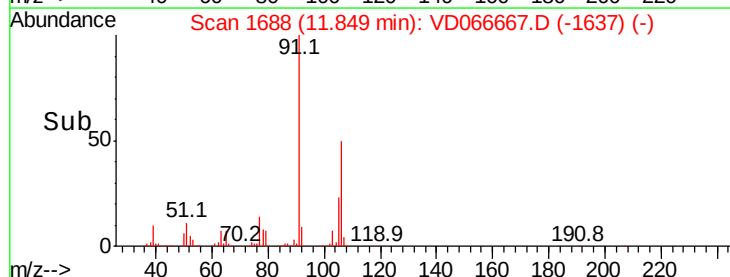
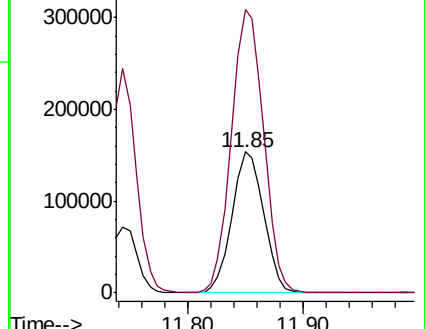
106 100

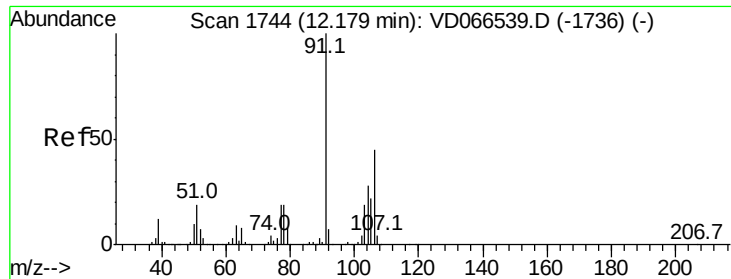
91 204.2 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

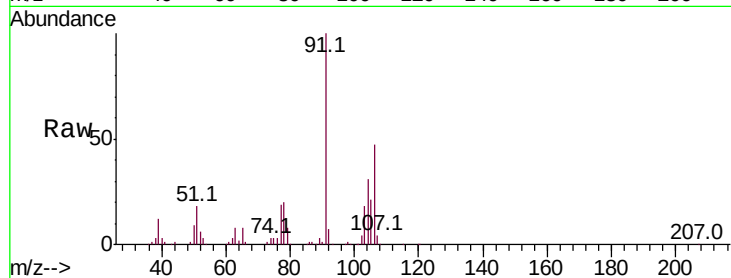




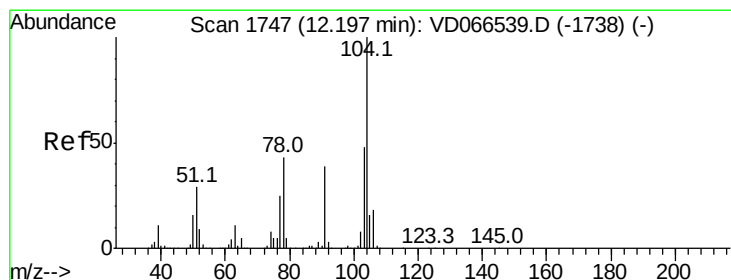
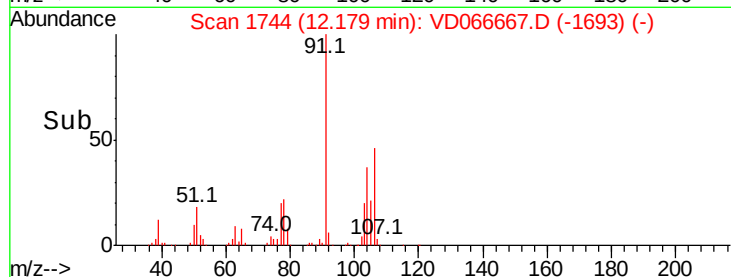
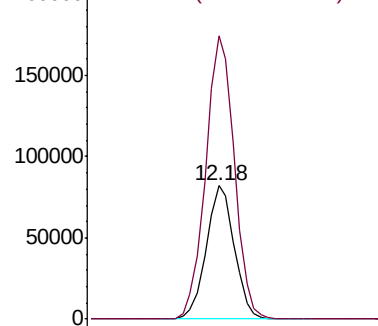
#69
o-Xylene
Concen: 21.266 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 132972
Ion Ratio Lower Upper
106 100
91 216.9 107.9 323.8

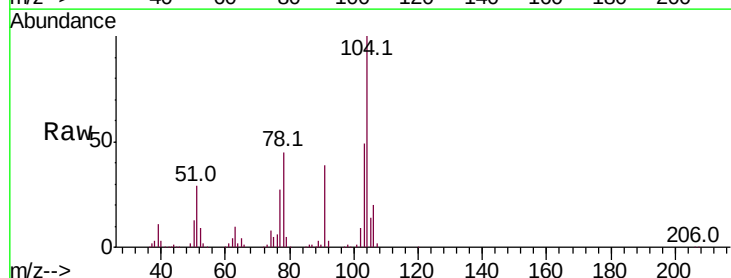


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

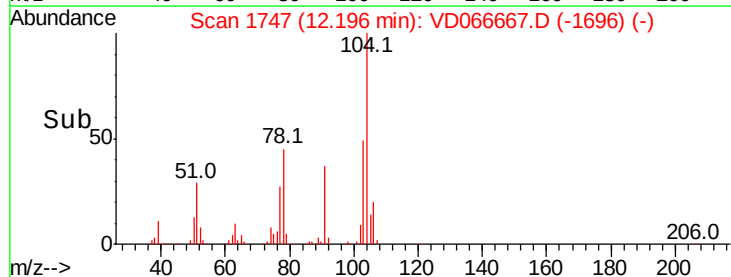
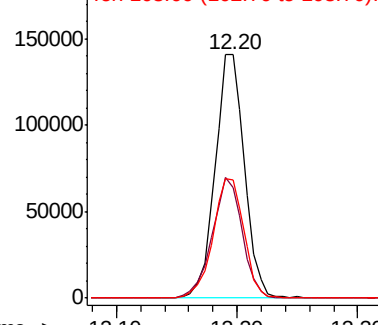


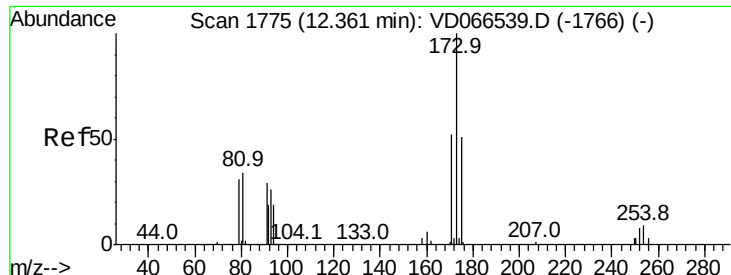
#70
Styrene
Concen: 21.975 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Tgt Ion:104 Resp: 238875
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 52.1 42.9 64.3



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





#71

Bromoform

Concen: 21.576 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

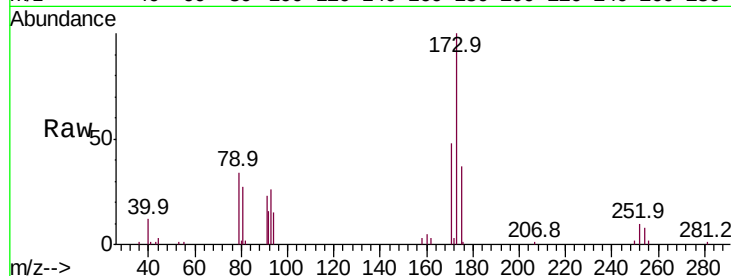
Tot Ion:173 Resp: 42468

Ion Ratio Lower Upper

173 100

175 42.3 24.2 72.6

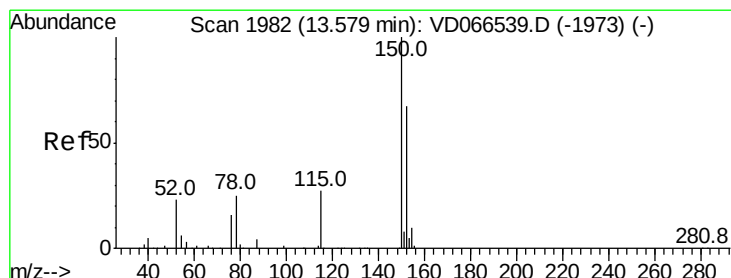
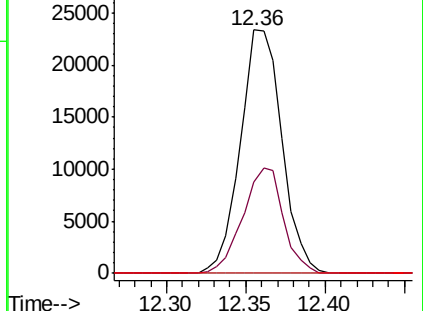
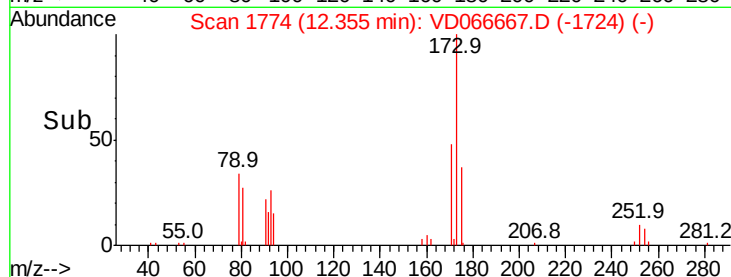
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

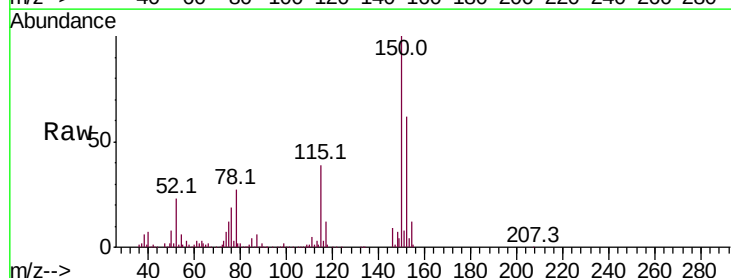
Tgt Ion:152 Resp: 222785

Ion Ratio Lower Upper

152 100

115 63.4 30.4 91.2

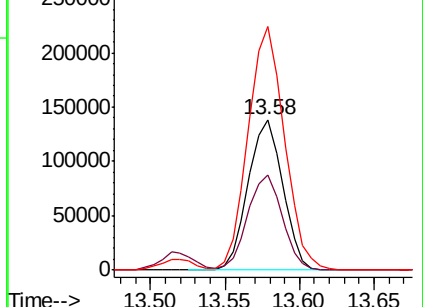
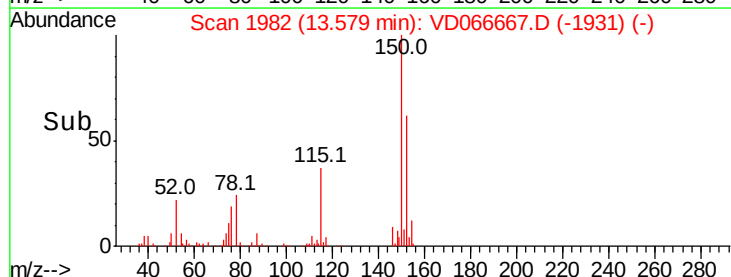
150 169.0 0.0 345.8

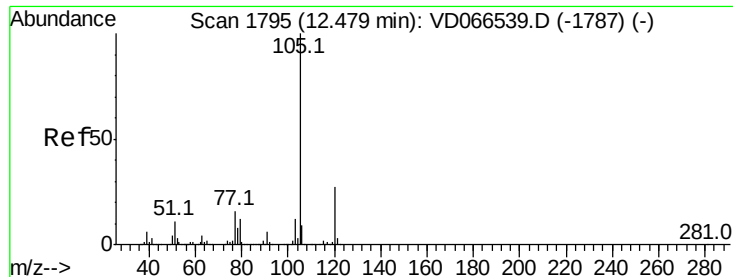


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.374 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

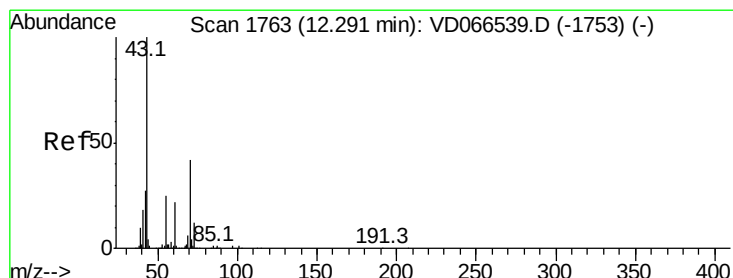
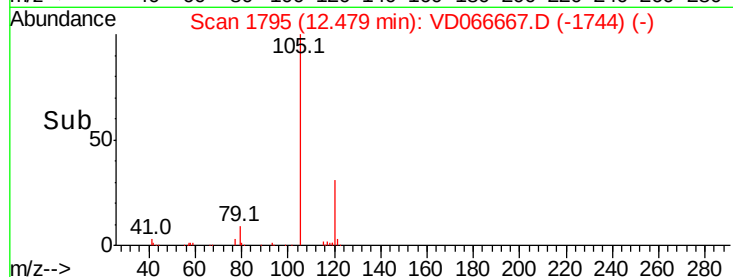
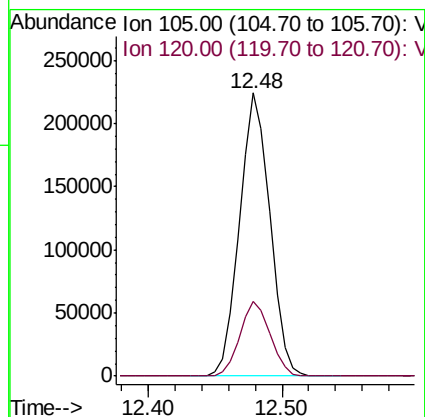
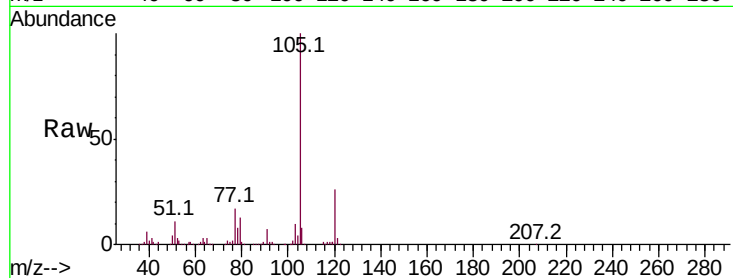
ClientSampleId :

Tot Ion:105 Resp: 352566

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 20.559 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Tgt Ion: 43 Resp: 76805

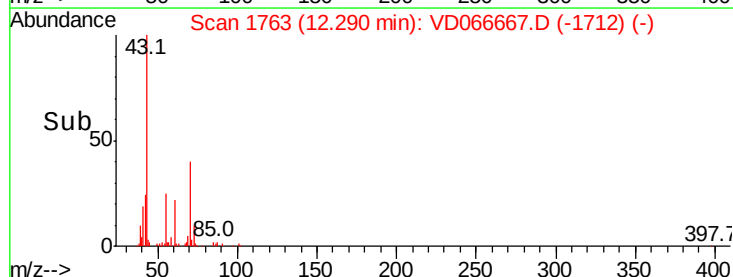
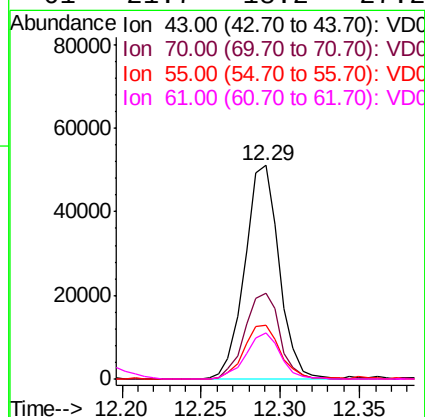
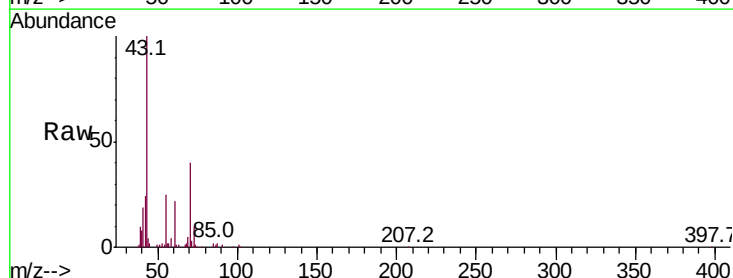
Ion Ratio Lower Upper

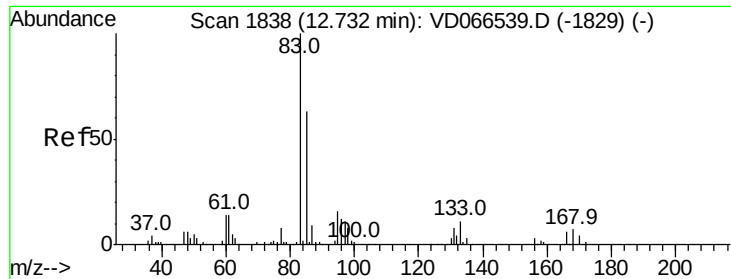
43 100

70 40.5 33.4 50.2

55 26.7 20.1 30.1

61 21.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.516 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

ClientSampled :

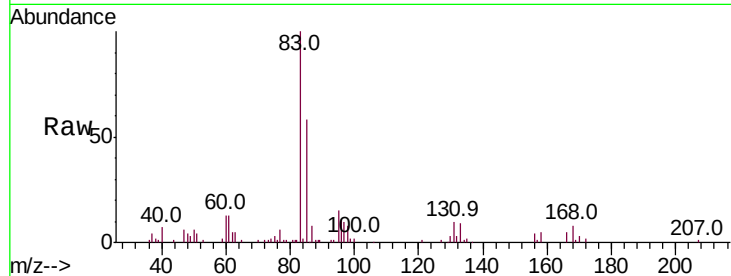
Tot Ion: 83 Resp: 65613

Ion Ratio Lower Upper

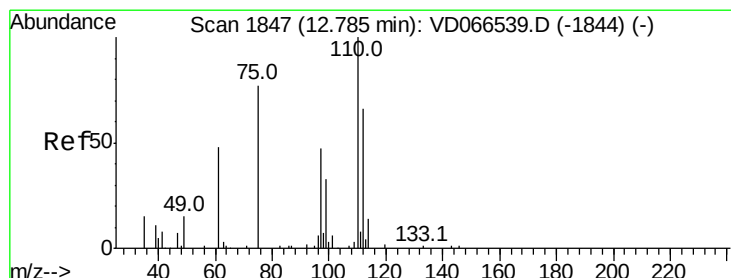
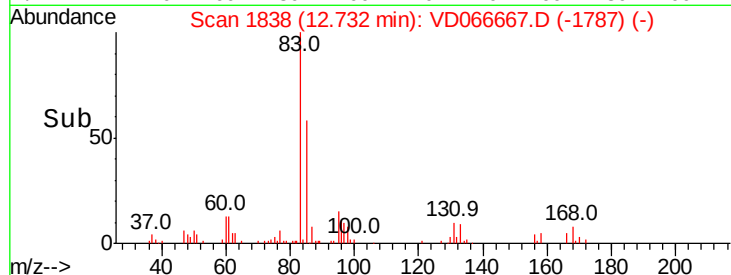
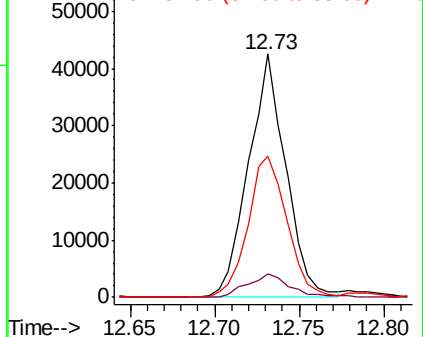
83 100

131 11.1 5.0 15.0

85 60.7 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: 38.875 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066667.D

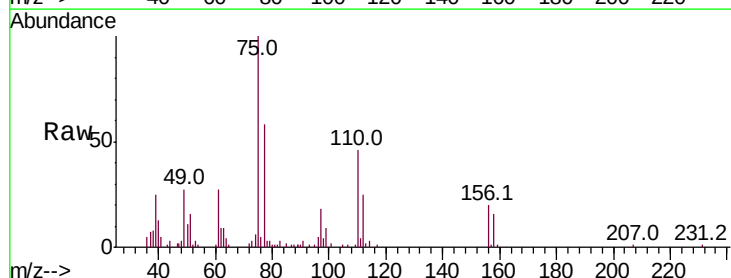
Acq: 12 Sep 2020 01:35

Tgt Ion: 75 Resp: 83294

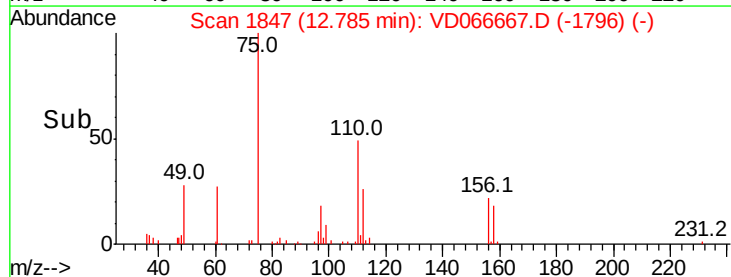
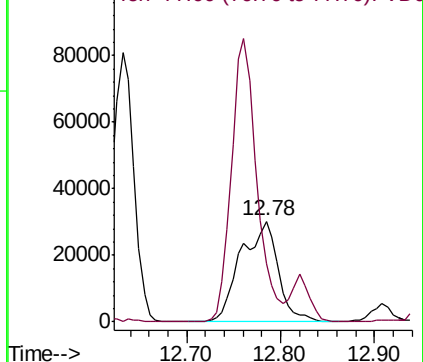
Ion Ratio Lower Upper

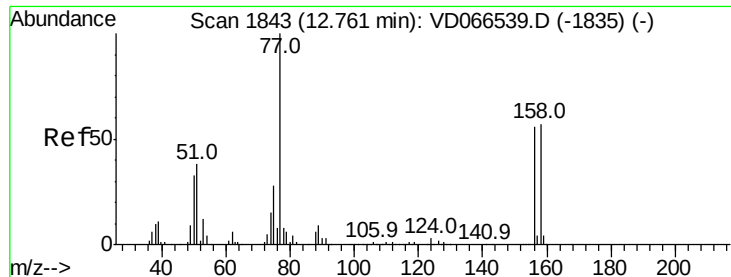
75 100

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: 22.007 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

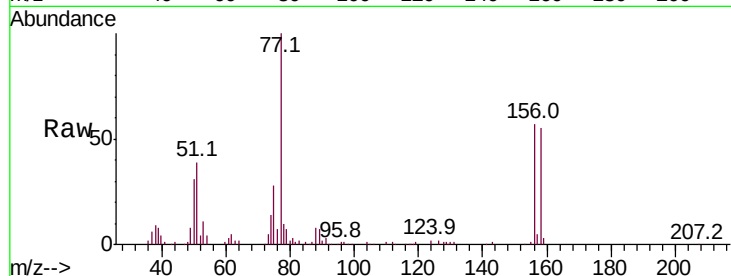
Tot Ion:156 Resp: 80927

Ion Ratio Lower Upper

156 100

77 197.8 98.0 294.1

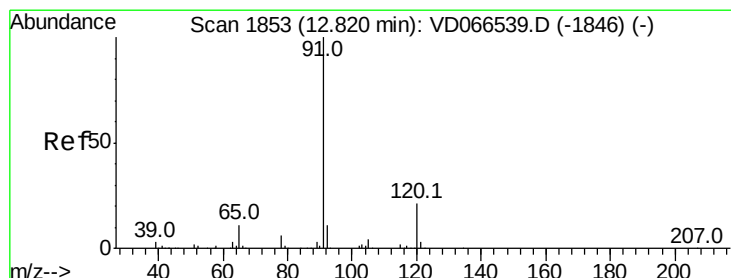
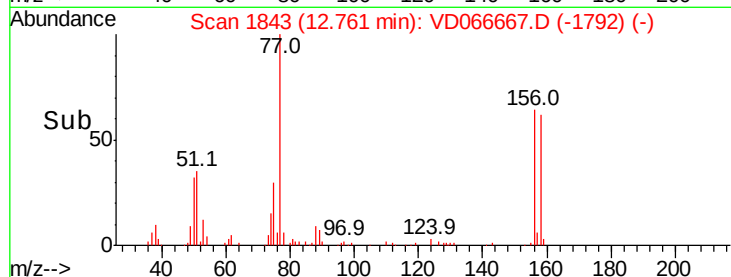
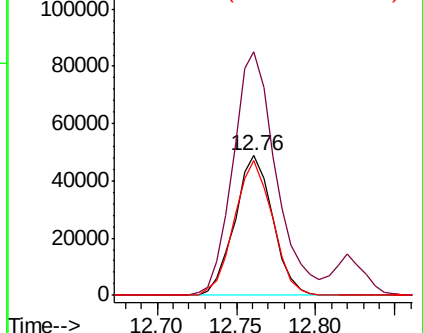
158 97.5 48.1 144.3



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: 21.699 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066667.D

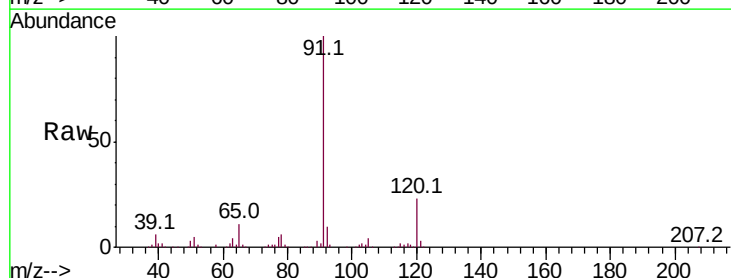
Acq: 12 Sep 2020 01:35

Tgt Ion: 91 Resp: 433891

Ion Ratio Lower Upper

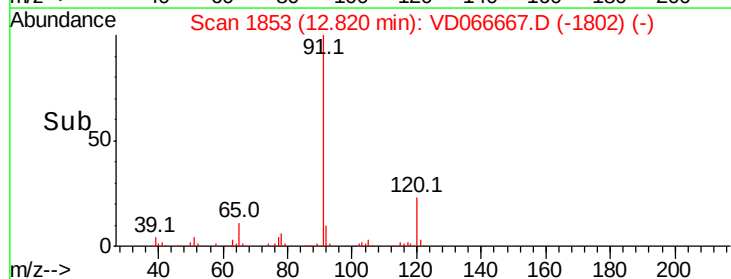
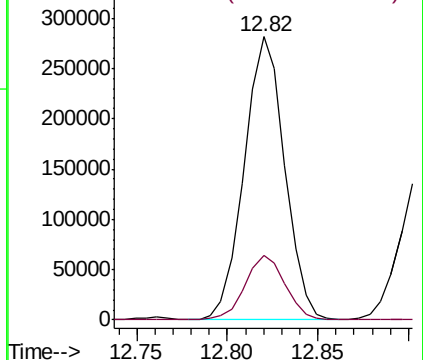
91 100

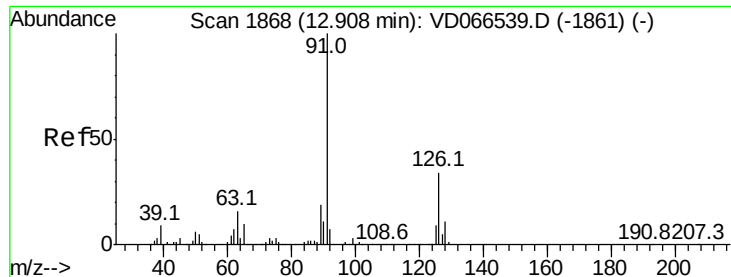
120 22.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

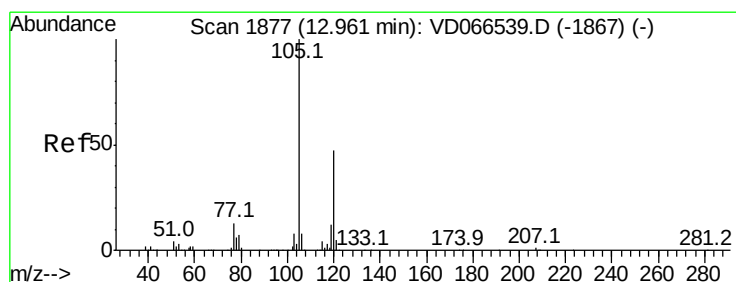
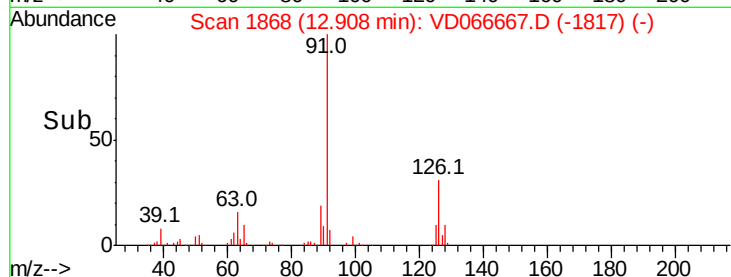
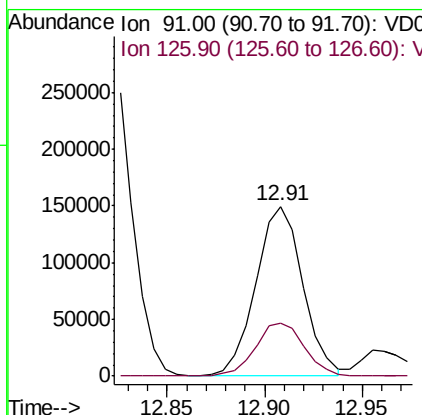
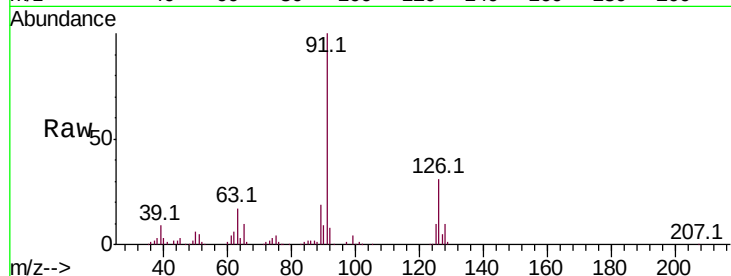




#79
 2-Chlorotoluene
 Concen: 22.149 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

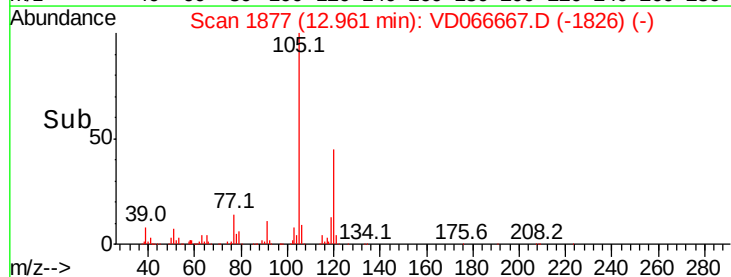
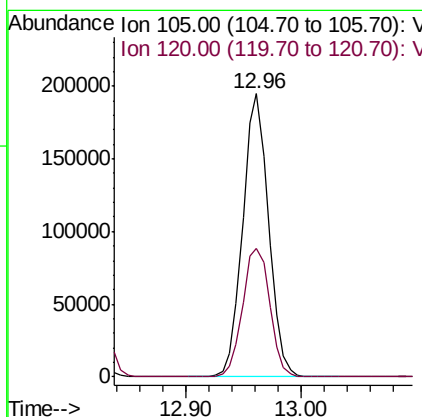
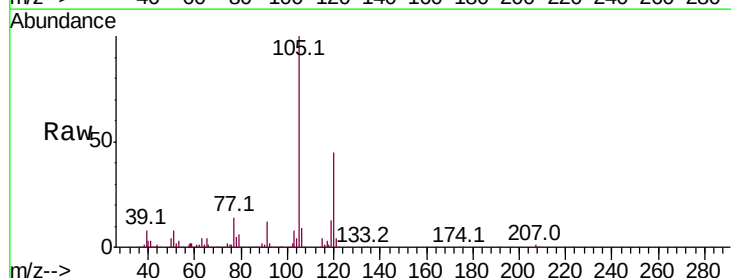
Instrument :
 MSVOA_D
 ClientSampleId :

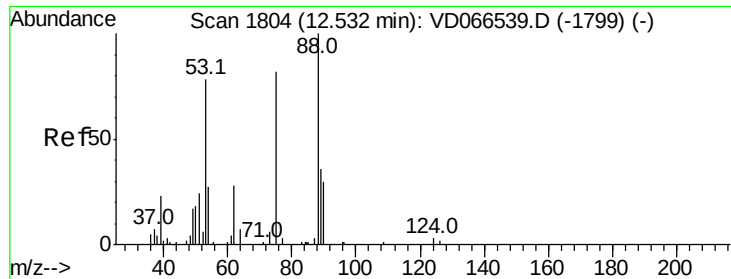
Tot Ion: 91 Resp: 248456
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.818 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

Tgt Ion:105 Resp: 302909
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.035 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

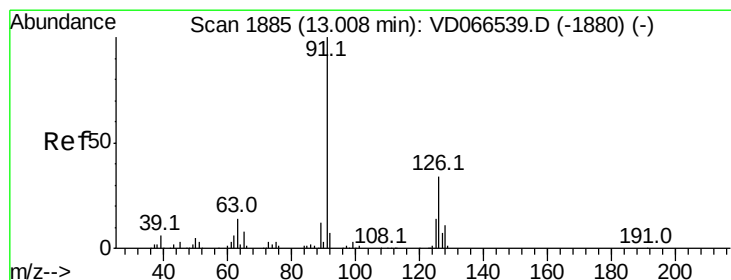
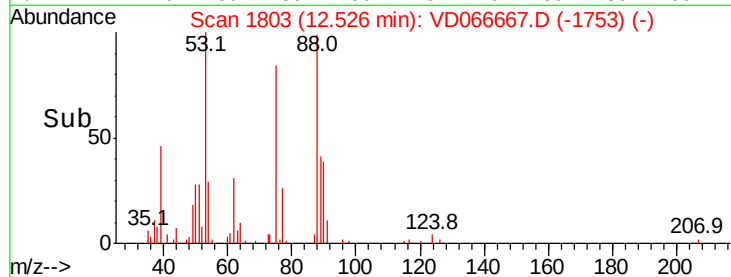
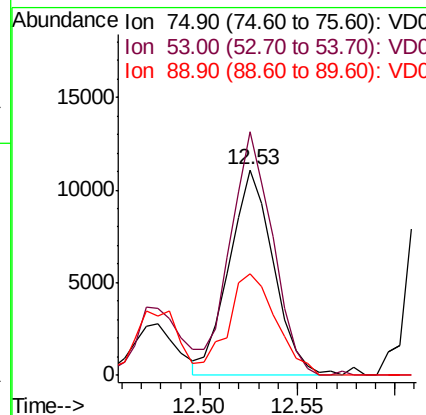
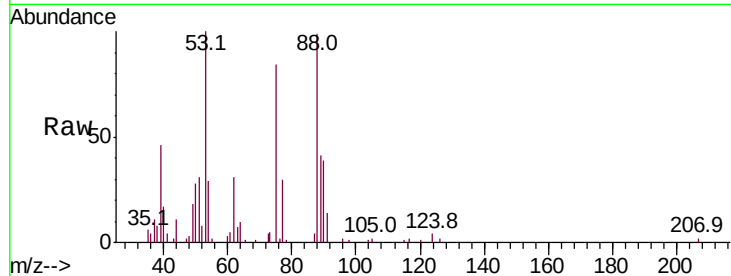
Tot Ion: 75 Resp: 17469

Ion Ratio Lower Upper

75 100

53 111.1 87.0 130.4

89 54.0 37.1 55.7



#82

4-Chlorotoluene

Concen: 22.326 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066667.D

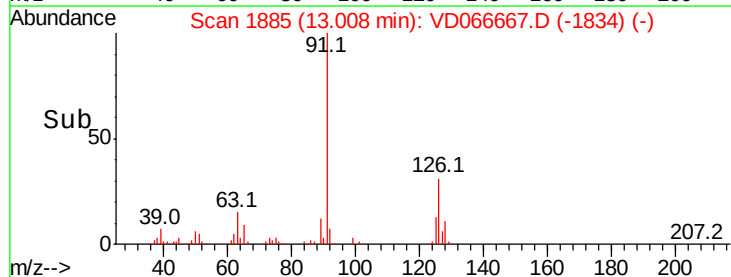
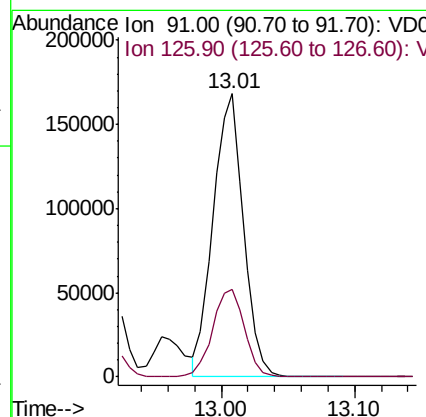
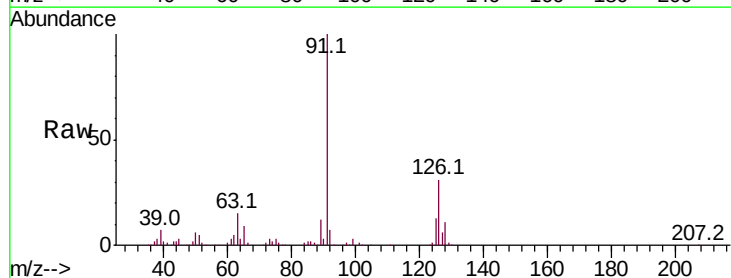
Acq: 12 Sep 2020 01:35

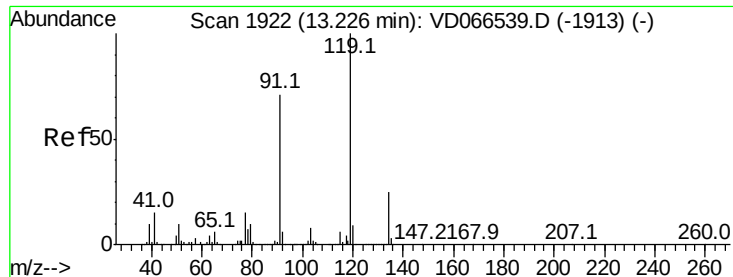
Tgt Ion: 91 Resp: 267821

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1





#83

tert-Butylbenzene

Concen: 21.699 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066667.D

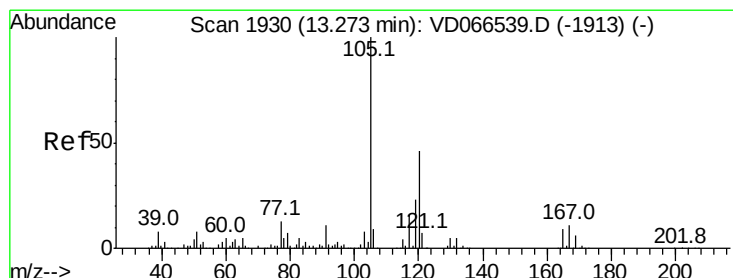
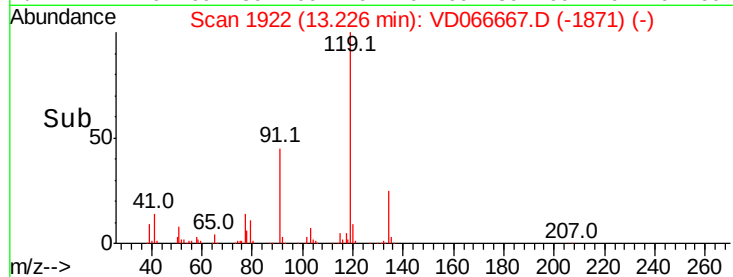
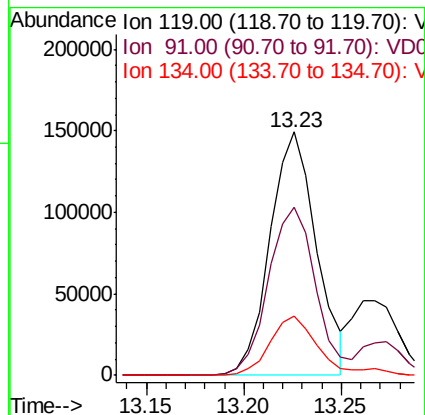
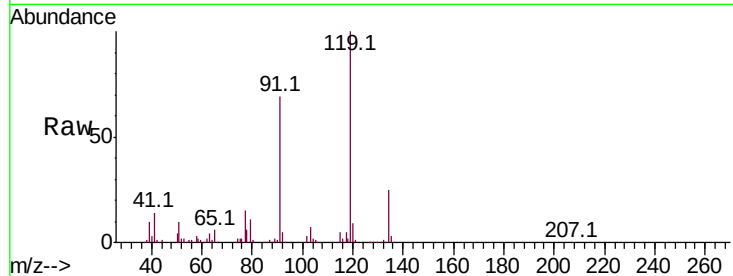
Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:	119	Resp:	246009
Ion	Ratio	Lower	Upper
119	100		
91	70.8	35.2	105.6
134	26.0	13.5	40.5



#84

1,2,4-Trimethylbenzene

Concen: 22.108 ug/l

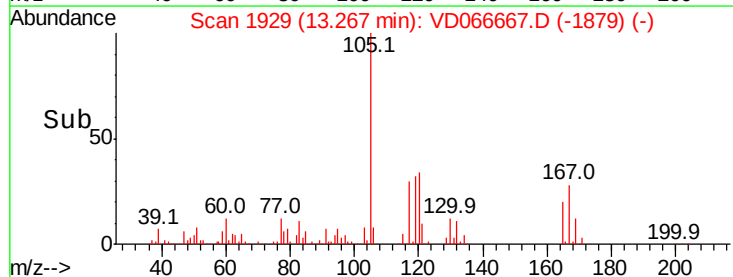
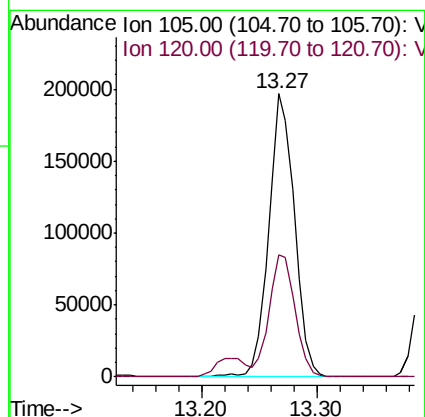
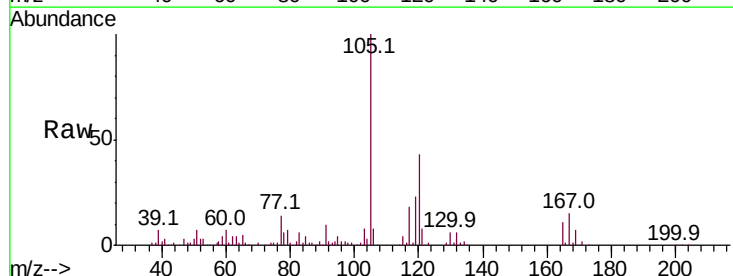
RT: 13.27 min Scan# 1929

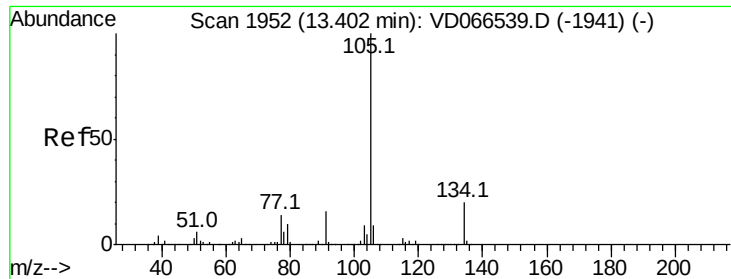
Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Tgt Ion:	105	Resp:	305580
Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.6	67.7





#85

sec-Butylbenzene

Concen: 21.934 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :

MSVOA_D

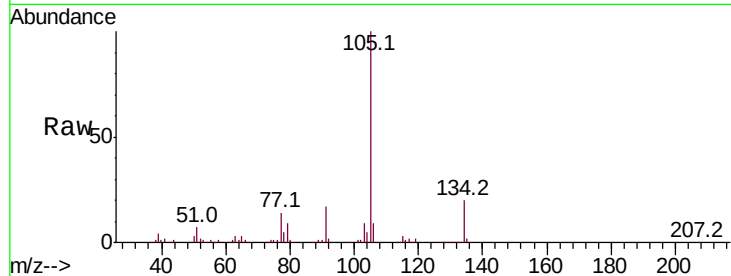
ClientSampleId :

Tot Ion:105 Resp: 358272

Ion Ratio Lower Upper

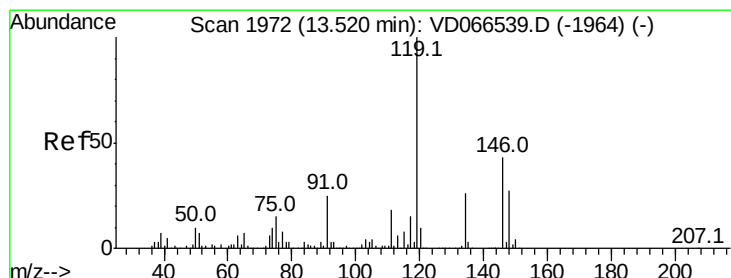
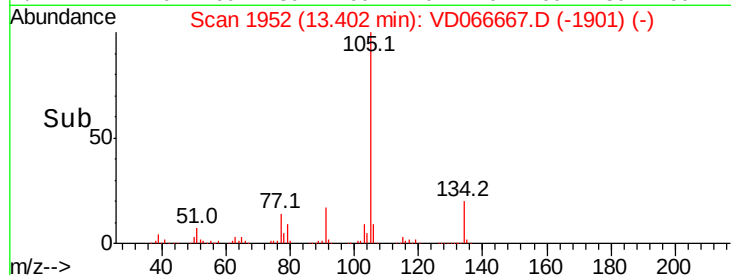
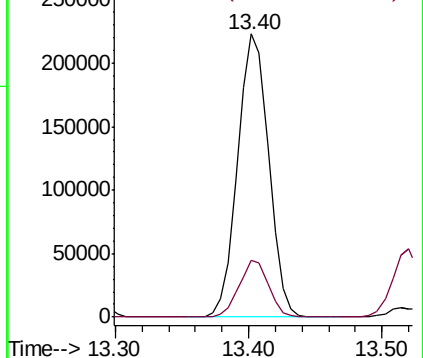
105 100

134 19.2 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: 21.439 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

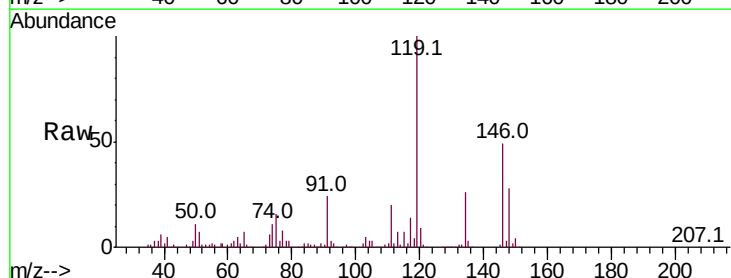
Tgt Ion:119 Resp: 315190

Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

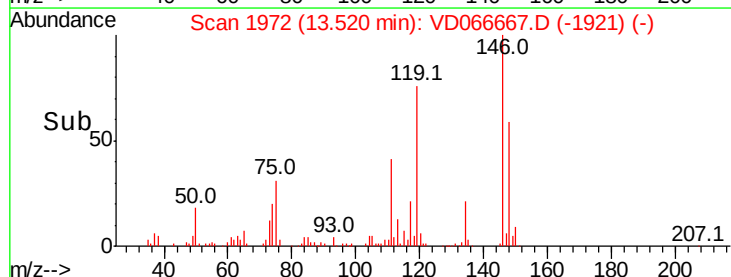
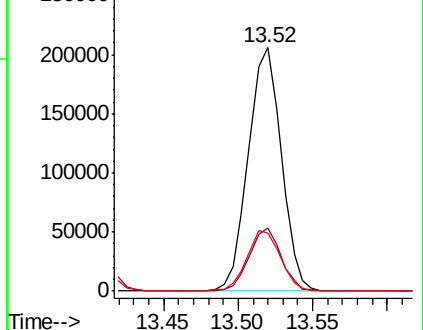
91 25.1 12.5 37.5

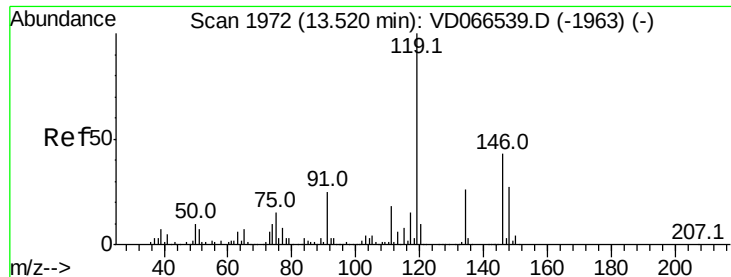


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 22.362 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

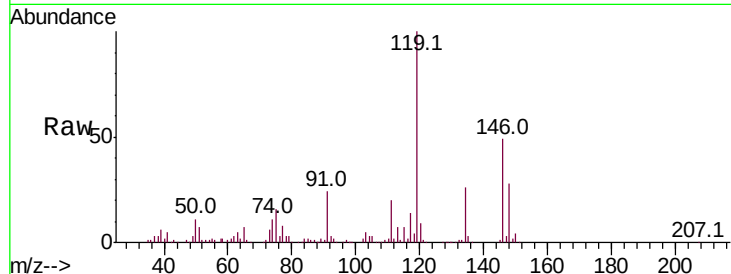
Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:146 Resp: 163256

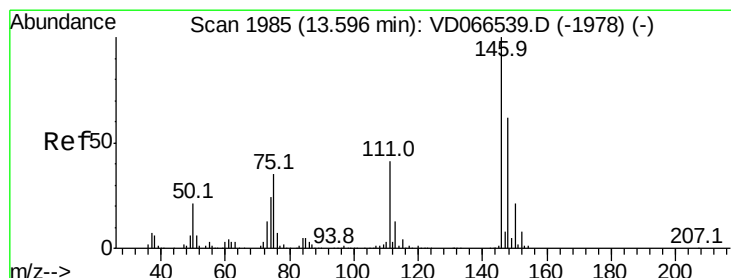
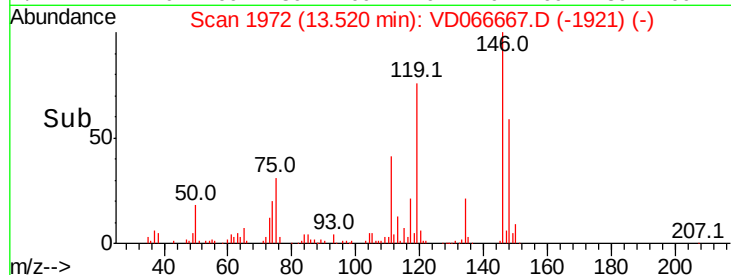
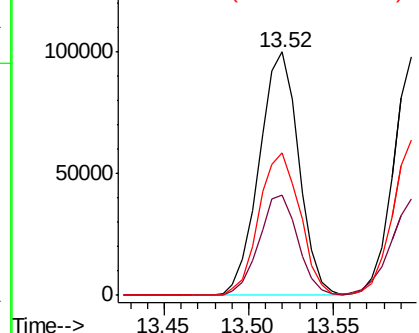
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.9
148	60.6	32.1	96.3



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: 21.737 ug/l

RT: 13.60 min Scan# 1985

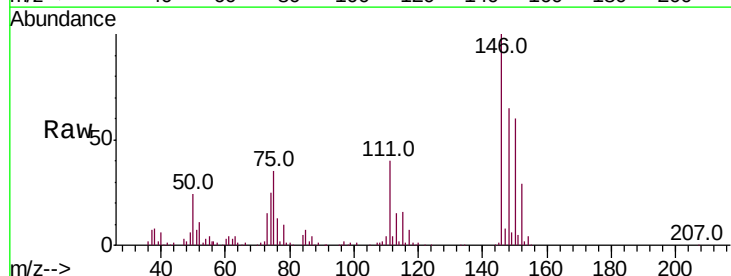
Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Tgt Ion:146 Resp: 159278

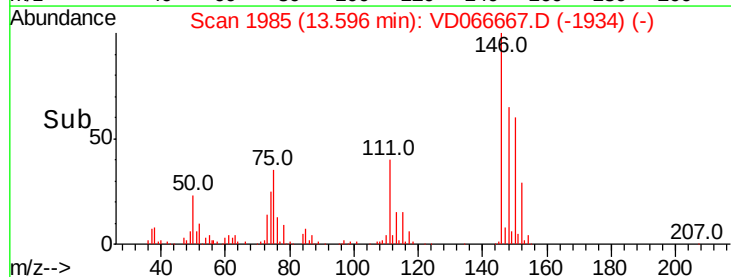
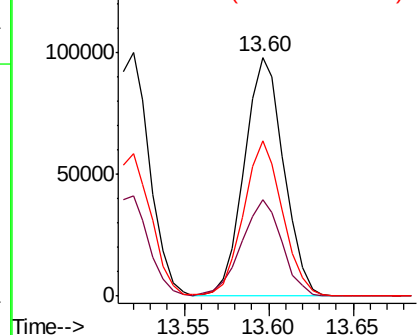
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.1	60.2
148	64.3	31.6	94.8

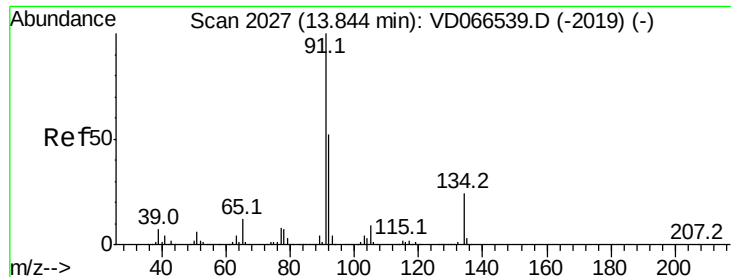


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

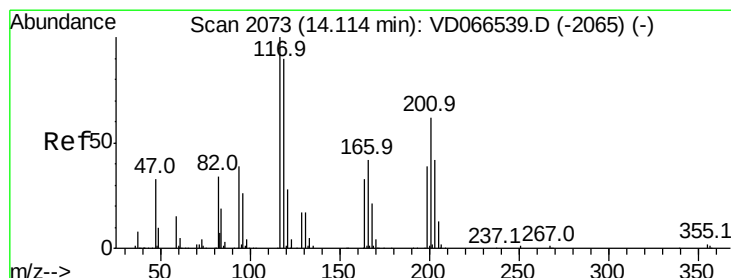
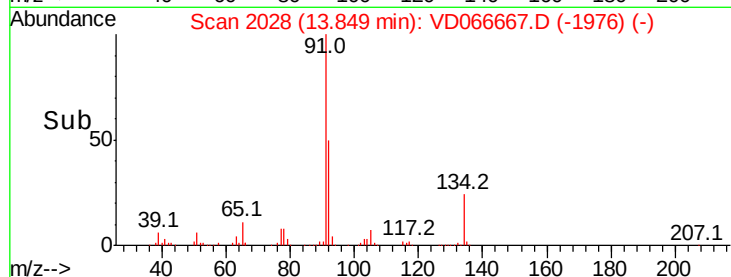
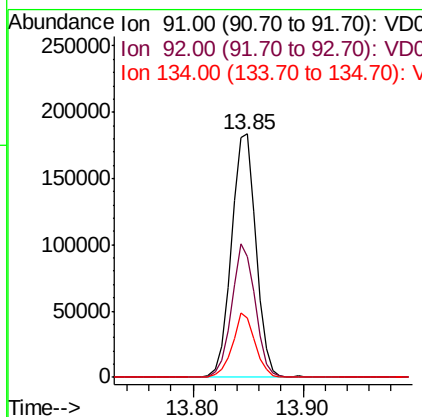
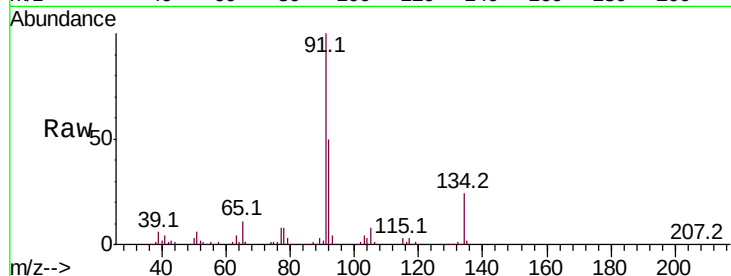




#89
n-Butylbenzene
Concen: 19.975 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

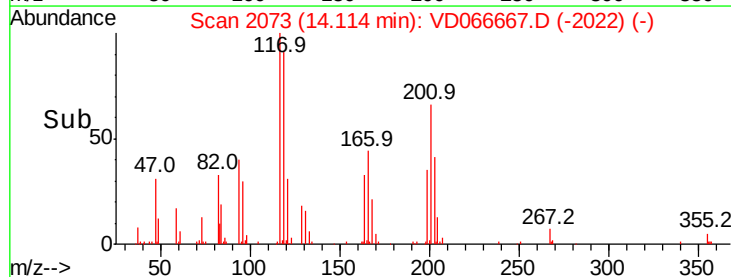
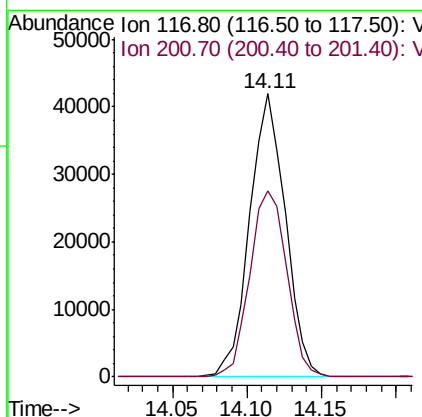
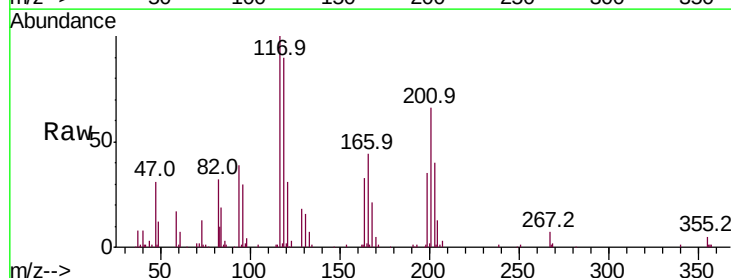
Instrument :
MSVOA_D
ClientSampleId :

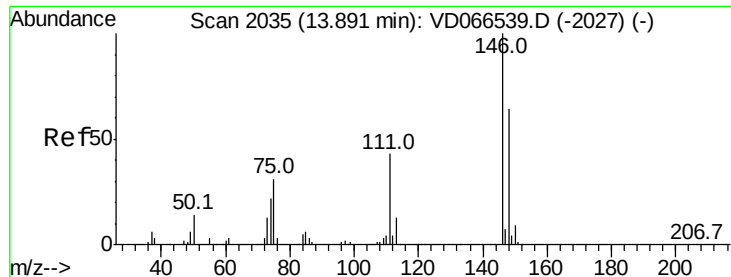
Tot Ion: 91 Resp: 286170
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 24.4 12.1 36.3



#90
Hexachloroethane
Concen: 21.941 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 12 Sep 2020 01:35

Tgt Ion: 117 Resp: 69502
Ion Ratio Lower Upper
117 100
201 67.7 31.9 95.5

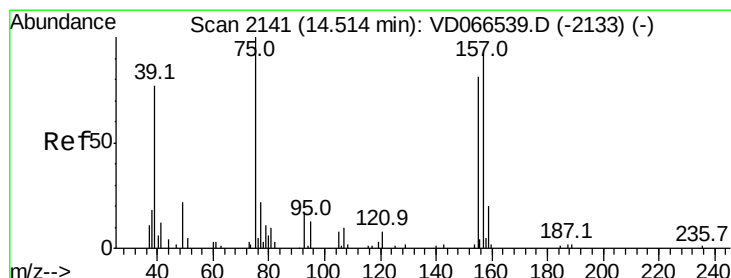
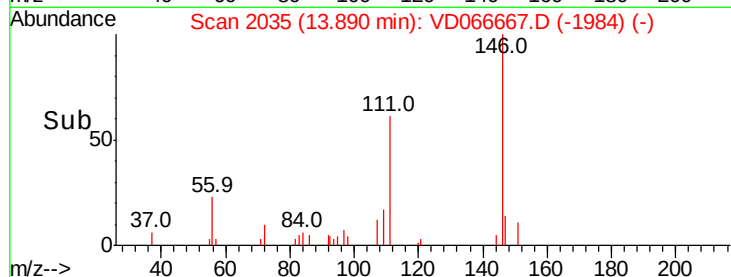
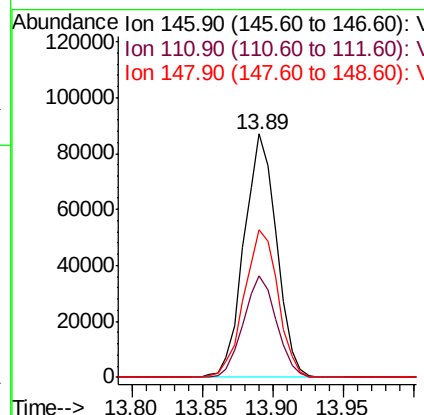
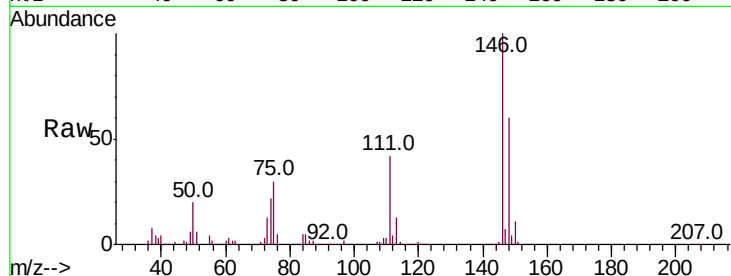




#91
 1,2-Dichlorobenzene
 Concen: 21.948 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

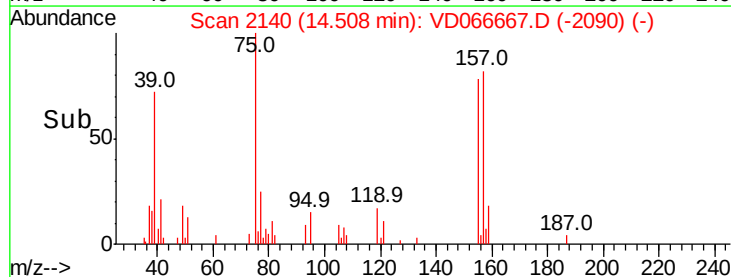
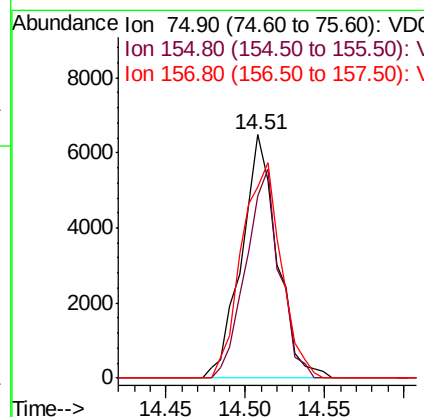
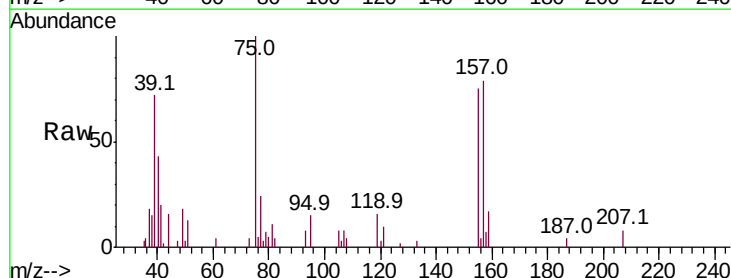
Instrument :
 MSVOA_D
 ClientSampleID :

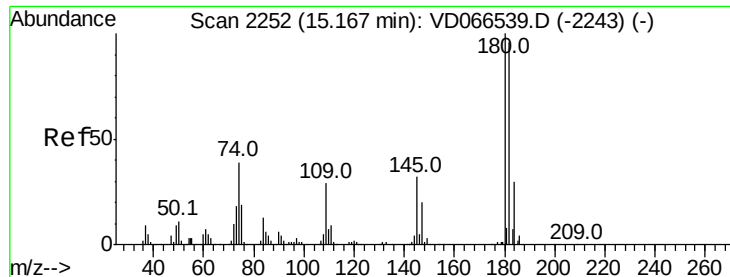
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.4
148	63.4	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.510 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.2	39.3	117.8
157	97.8	46.0	137.8

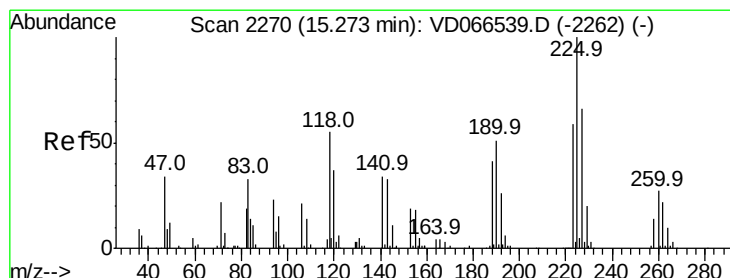
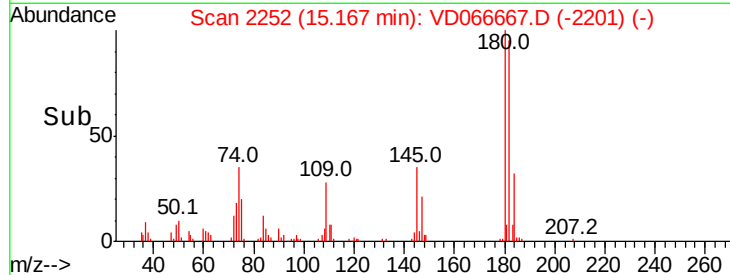
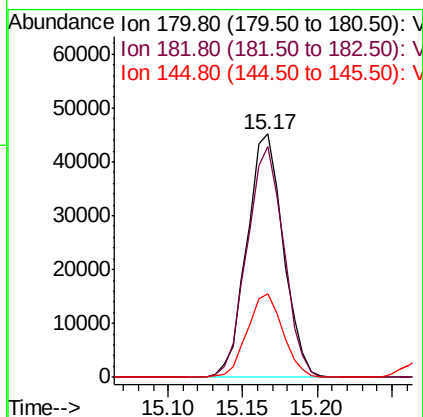
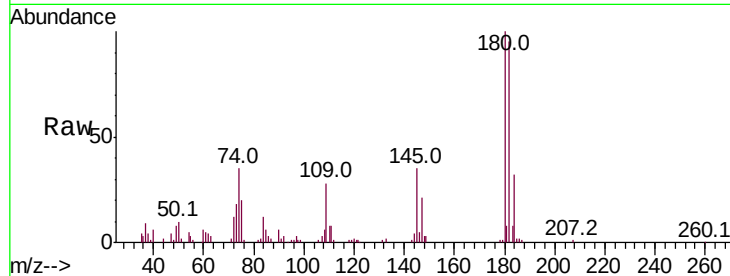




#93
 1,2,4-Trichlorobenzene
 Concen: 19.891 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

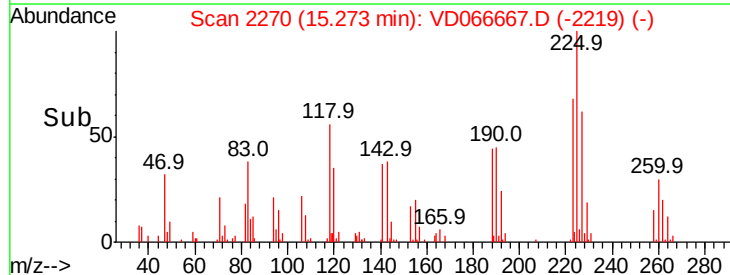
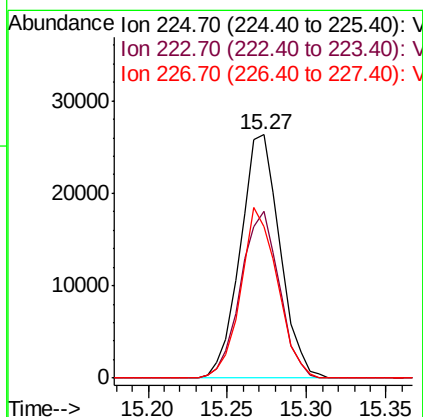
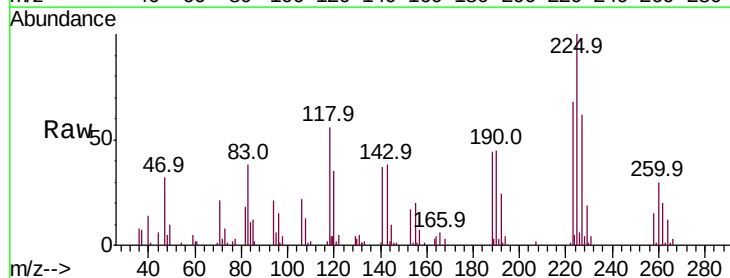
Instrument :
 MSVOA_D
 ClientSampleId :

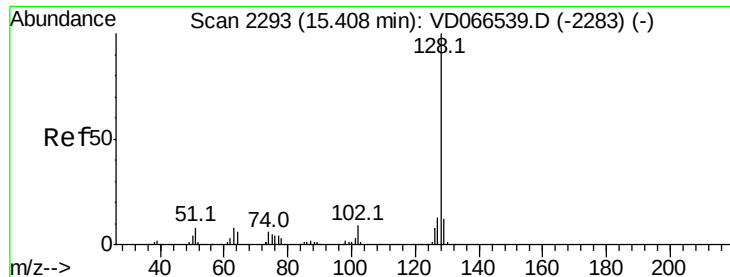
Tot Ion:180 Resp: 76175
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.4 145.0
 145 33.8 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 19.867 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 12 Sep 2020 01:35

Tgt Ion:225 Resp: 45709
 Ion Ratio Lower Upper
 225 100
 223 66.7 30.5 91.5
 227 65.0 32.4 97.2





#95

Naphthalene

Concen: 20.571 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

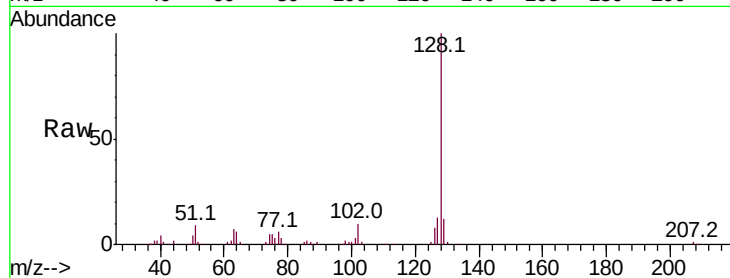
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:128 Resp: 137661

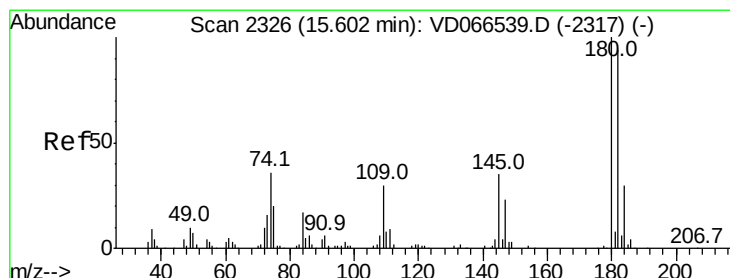
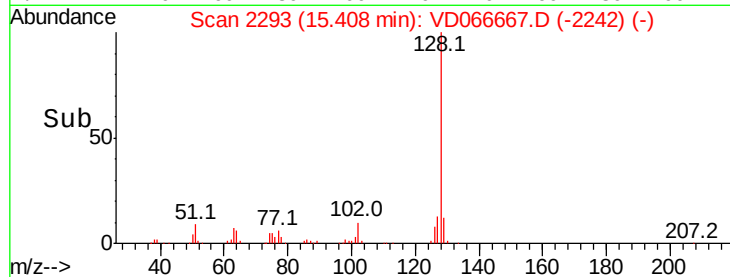
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	11.6	9.1	13.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.205 ug/l

RT: 15.60 min Scan# 2325

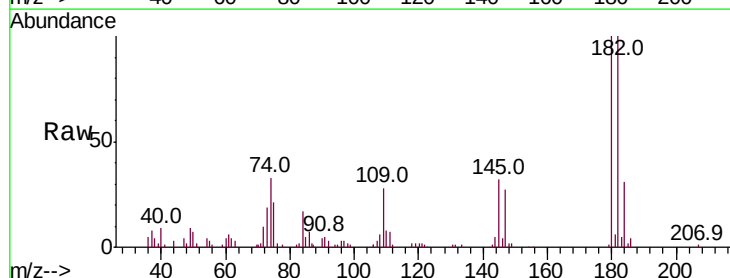
Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 12 Sep 2020 01:35

Tgt Ion:180 Resp: 69235

Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.9	143.6
145	33.3	17.3	51.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

