

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066642.D
 Acq On : 11 Sep 2020 12:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 12 00:38:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	384159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	598486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	545133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	224484	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	7.91	113	209753	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.34	98	784529	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
62) 4-Bromofluorobenzene	12.63	95	259760	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	153278	48.174	ug/l	92
3) Chloromethane	2.21	50	204146	42.021	ug/l	99
4) Vinyl Chloride	2.35	62	224033	41.577	ug/l	98
5) Bromomethane	2.77	94	155291	45.144	ug/l	87
6) Chloroethane	2.92	64	140345	41.007	ug/l	97
7) Trichlorofluoromethane	3.27	101	373873	46.969	ug/l	94
8) Diethyl Ether	3.71	74	94018	46.904	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	208340	48.360	ug/l	98
10) Methyl Iodide	4.30	142	191953	48.941	ug/l	100
11) Tert butyl alcohol	5.21	59	74540	257.817	ug/l #	84
12) 1,1-Dichloroethene	4.07	96	189514	48.965	ug/l	94
13) Acrolein	3.92	56	49152	258.630	ug/l	99
14) Allyl chloride	4.71	41	314554	49.589	ug/l	98
15) Acrylonitrile	5.43	53	224021	260.167	ug/l	100
16) Acetone	4.16	43	250853	293.323	ug/l	99
17) Carbon Disulfide	4.41	76	585313	46.002	ug/l	99
18) Methyl Acetate	4.71	43	99694	48.902	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	459318	50.606	ug/l	96
20) Methylene Chloride	4.96	84	232277	49.813	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	222418	48.392	ug/l	98
22) Diisopropyl ether	6.36	45	663791	50.888	ug/l	98
23) Vinyl Acetate	6.30	43	1956518	263.573	ug/l	97
24) 1,1-Dichloroethane	6.26	63	399809	48.740	ug/l	98
25) 2-Butanone	7.21	43	308442	268.671	ug/l	97
26) 2,2-Dichloropropane	7.20	77	372172	49.462	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	243251	49.216	ug/l	99
28) Bromochloromethane	7.54	49	162862	51.570	ug/l	100
29) Tetrahydrofuran	7.56	42	182243	254.892	ug/l	99
30) Chloroform	7.71	83	425739	49.059	ug/l	98
31) Cyclohexane	7.98	56	358597	47.292	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	389288	47.712	ug/l	99
36) 1,1-Dichloropropene	8.11	75	323845	51.995	ug/l	99
37) Ethyl Acetate	7.28	43	130331	52.550	ug/l	98
38) Carbon Tetrachloride	8.09	117	352599	53.559	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	385970	55.496	ug/l	98
40) Benzene	8.35	78	874249	51.251	ug/l	99
41) Methacrylonitrile	7.56	41	184349	153.556	ug/l #	32
42) 1,2-Dichloroethane	8.42	62	276256	49.983	ug/l	99
43) Isopropyl Acetate	8.45	43	252214	53.065	ug/l	98
44) Trichloroethene	9.11	130	234892	52.495	ug/l	92
45) 1,2-Dichloropropane	9.38	63	223857	52.183	ug/l	100
46) Dibromomethane	9.47	93	122076	51.580	ug/l	97
47) Bromodichloromethane	9.66	83	323234	50.479	ug/l	99
48) Methyl methacrylate	9.45	41	133555	55.571	ug/l	97
49) 1,4-Dioxane	9.46	88	27961	1076.868	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	661794	276.090	ug/l	98
52) Toluene	10.40	92	576472	53.387	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	304487	53.866	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	357453	52.658	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	162666	53.455	ug/l	97
56) Ethyl methacrylate	10.66	69	199422	56.284	ug/l	97
57) 1,3-Dichloropropane	10.94	76	285549	53.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	425370	262.474	ug/l	99
59) 2-Hexanone	10.98	43	471964	292.790	ug/l	99
60) Dibromochloromethane	11.14	129	215399	53.528	ug/l	98
61) 1,2-Dibromoethane	11.24	107	155710	52.595	ug/l	99
64) Tetrachloroethene	10.87	164	187084	50.971	ug/l	97
65) Chlorobenzene	11.67	112	588912	52.342	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	221620	51.611	ug/l	98
67) Ethyl Benzene	11.74	91	1102448	53.364	ug/l	99
68) m/p-Xylenes	11.85	106	834858	108.835	ug/l	99
69) o-Xylene	12.18	106	370681	53.921	ug/l	99
70) Styrene	12.20	104	658800	55.123	ug/l	99
71) Bromoform	12.36	173	112194	51.844	ug/l #	100
73) Isopropylbenzene	12.48	105	1059254	56.141	ug/l	99
74) N-amyl acetate	12.29	43	234638	54.908	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	171641	51.493	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	233826	95.406	ug/l #	100
77) Bromobenzene	12.76	156	227252	54.025	ug/l	97
78) n-propylbenzene	12.82	91	1273750	55.689	ug/l	100
79) 2-Chlorotoluene	12.91	91	691637	53.902	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	869496	54.753	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	56554	53.873	ug/l	97
82) 4-Chlorotoluene	13.01	91	732596	53.390	ug/l	100
83) tert-Butylbenzene	13.23	119	720661	55.572	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	865770	54.758	ug/l	100
85) sec-Butylbenzene	13.40	105	1046275	56.000	ug/l	100
86) p-Isopropyltoluene	13.52	119	952637	56.649	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	446915	53.517	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	433369	51.704	ug/l	98
89) n-Butylbenzene	13.84	91	914691	55.817	ug/l	99
90) Hexachloroethane	14.11	117	188382	51.990	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	381894	52.320	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29354	51.841	ug/l	97

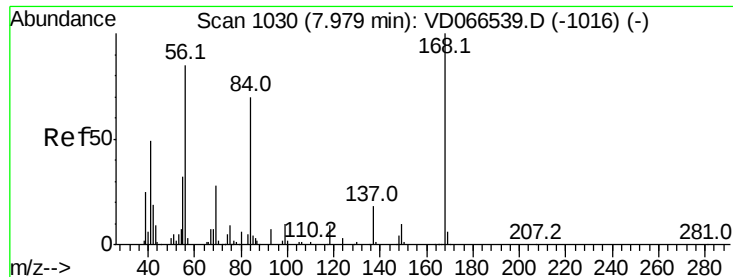
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	247768	56.560	ug/l	98
94) Hexachlorobutadiene	15.27	225	142848	54.279	ug/l	97
95) Naphthalene	15.41	128	448554	58.597	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	210749	56.429	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

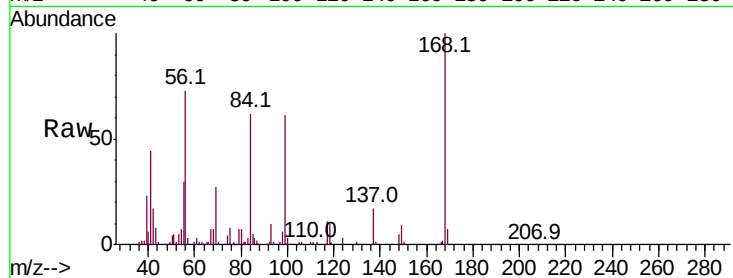
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 384159

Ion Ratio Lower Upper

168 100

99 61.0 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

100000

50000

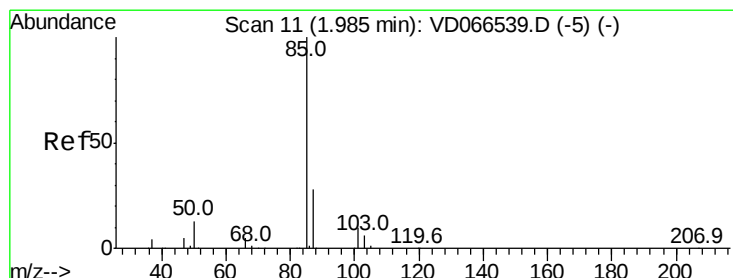
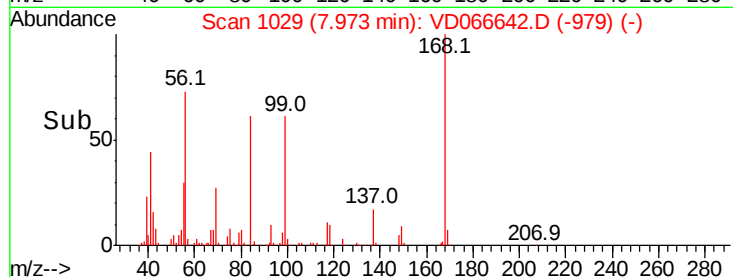
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.174 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066642.D

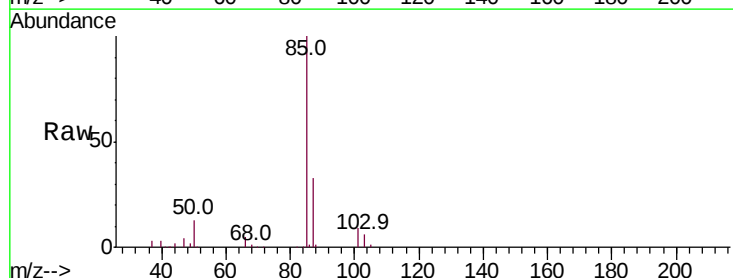
Acq: 11 Sep 2020 12:19

Tgt Ion: 85 Resp: 153278

Ion Ratio Lower Upper

85 100

87 32.6 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

120000

100000

80000

60000

40000

20000

0

1.90

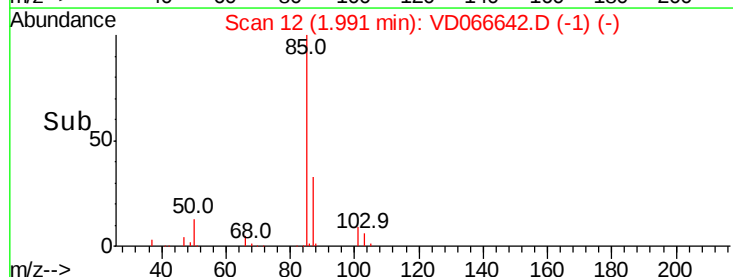
1.95

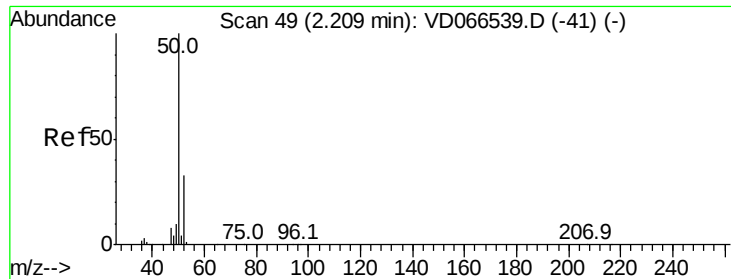
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 42.021 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

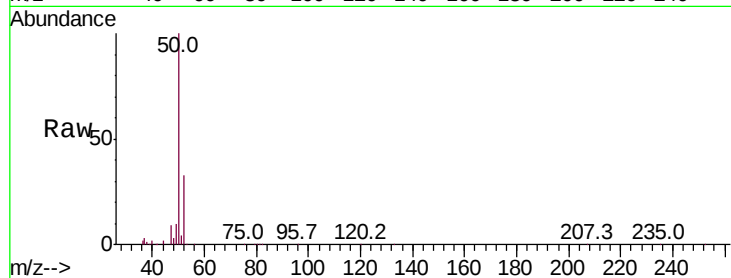
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 50 Resp: 204146

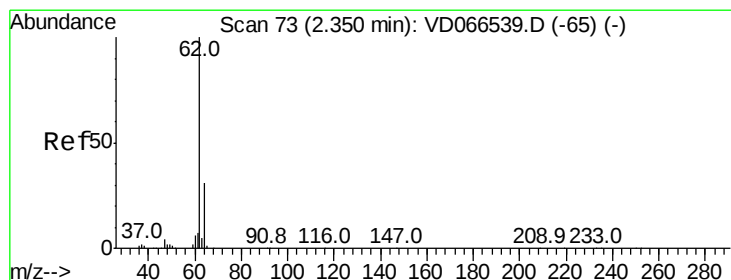
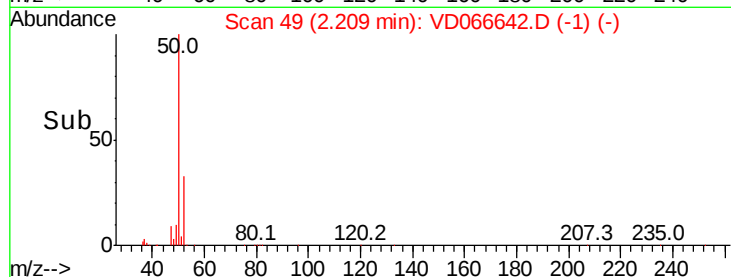
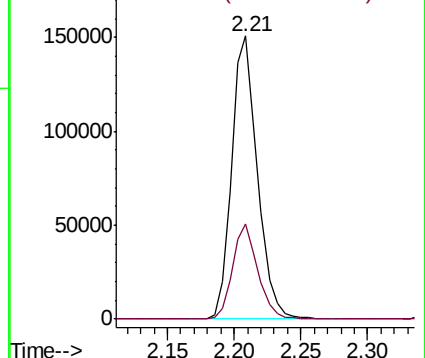
Ion Ratio Lower Upper

50 100

52 33.5 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: 41.577 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066642.D

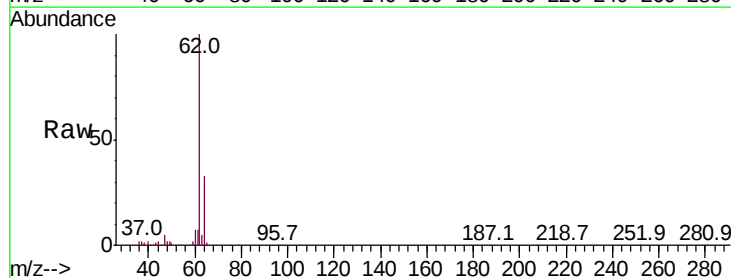
Acq: 11 Sep 2020 12:19

Tgt Ion: 62 Resp: 224033

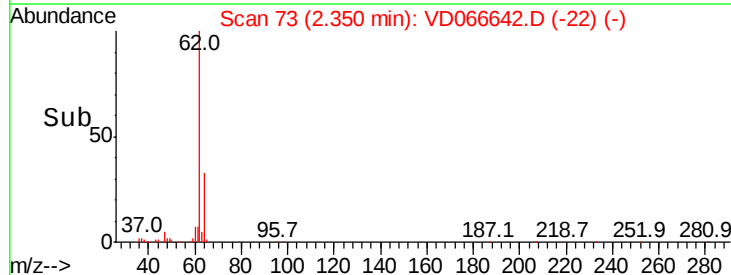
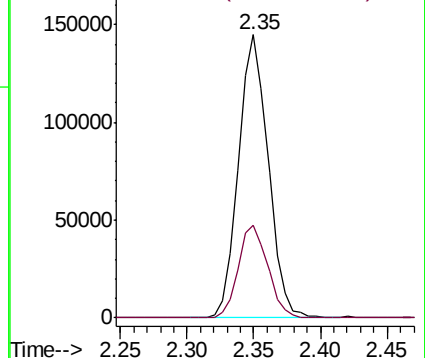
Ion Ratio Lower Upper

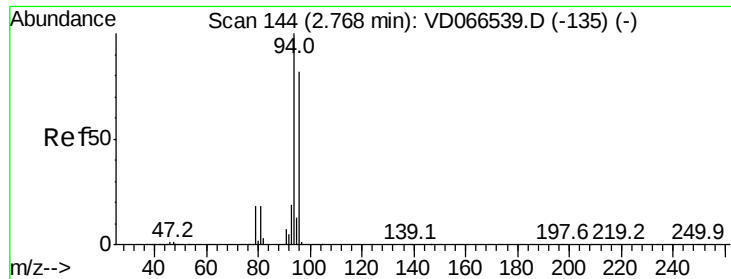
62 100

64 32.6 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: 45.144 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

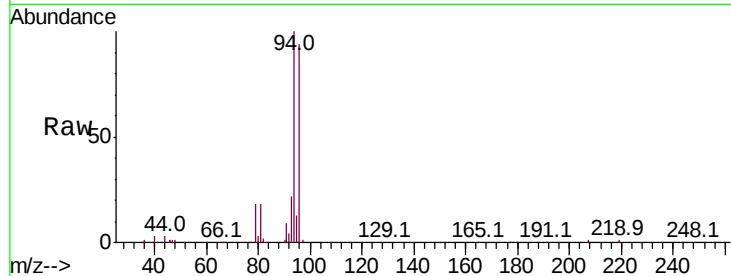
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 94 Resp: 155291

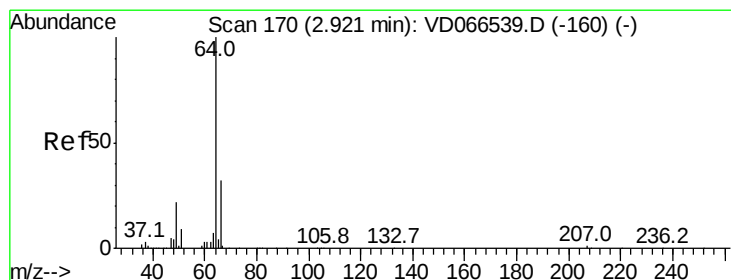
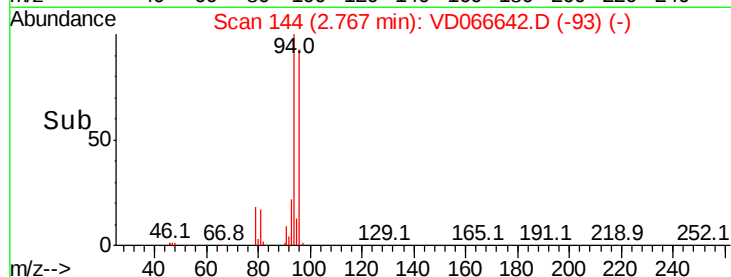
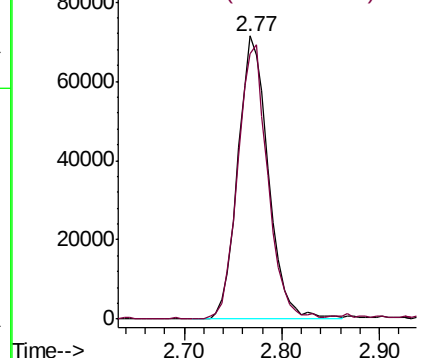
Ion Ratio Lower Upper

94 100

96 93.3 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: 41.007 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066642.D

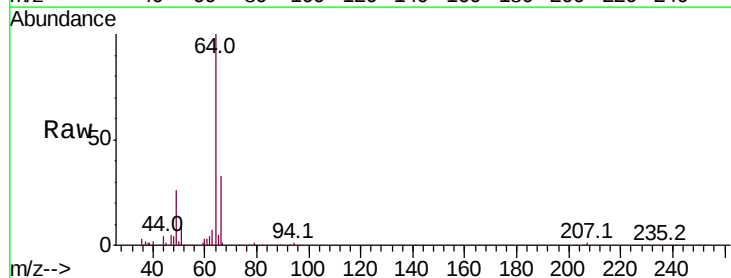
Acq: 11 Sep 2020 12:19

Tgt Ion: 64 Resp: 140345

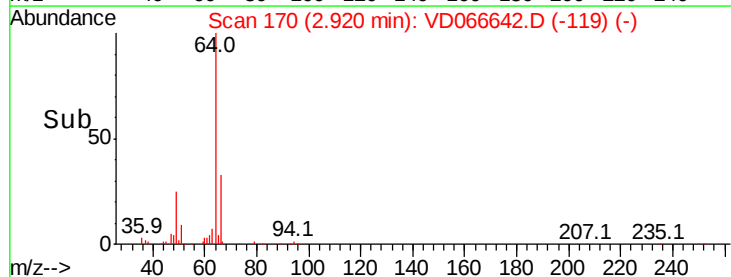
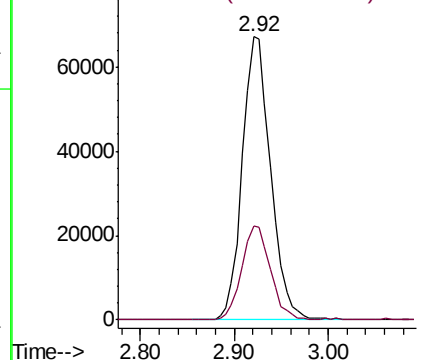
Ion Ratio Lower Upper

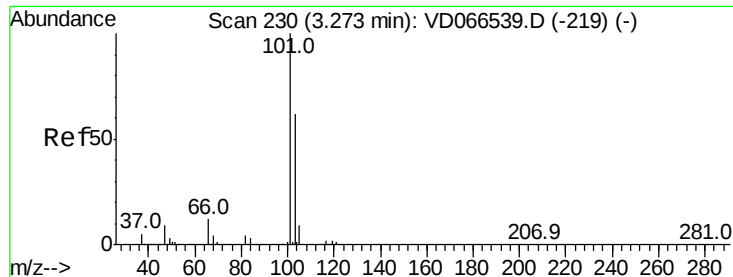
64 100

66 33.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



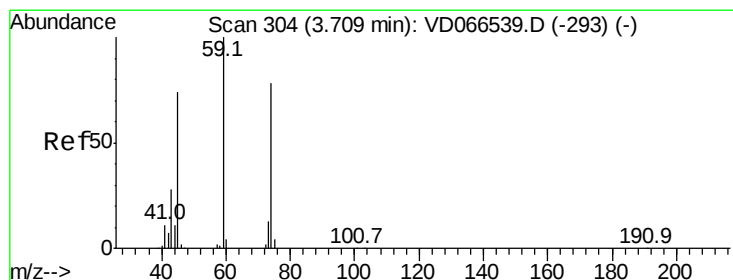
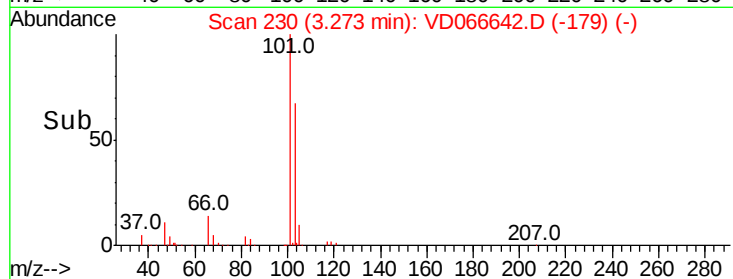
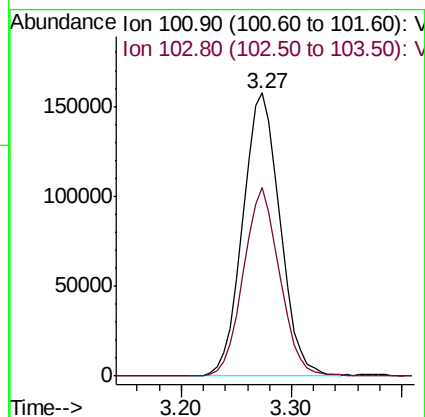
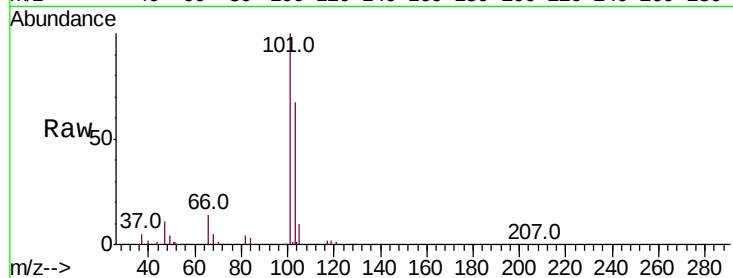


#7

Trichlorofluoromethane
 Concen: 46.969 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :

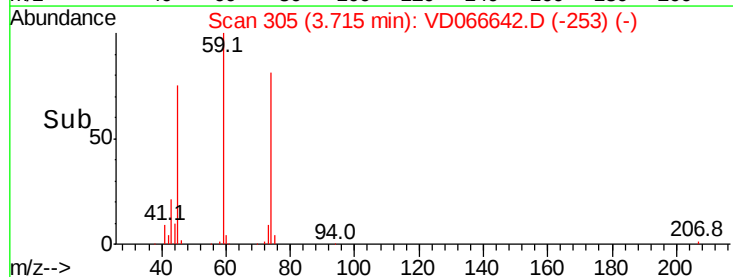
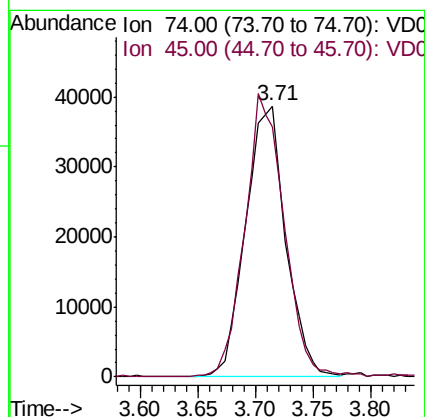
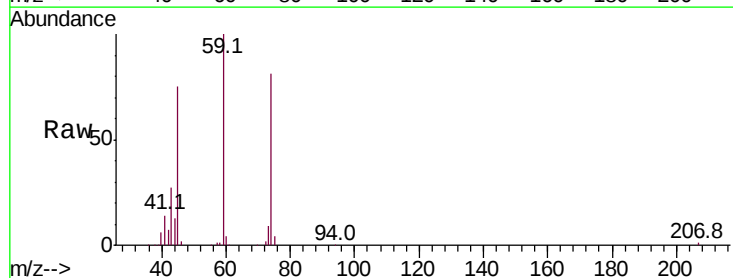
Tot Ion:101 Resp: 373873
 Ion Ratio Lower Upper
 101 100
 103 66.5 49.7 74.5

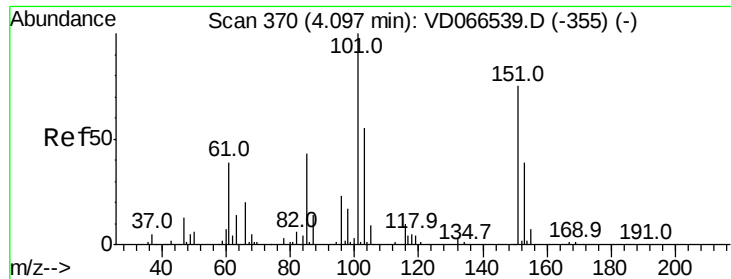


#8

Diethyl Ether
 Concen: 46.904 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion: 74 Resp: 94018
 Ion Ratio Lower Upper
 74 100
 45 101.4 49.7 149.1

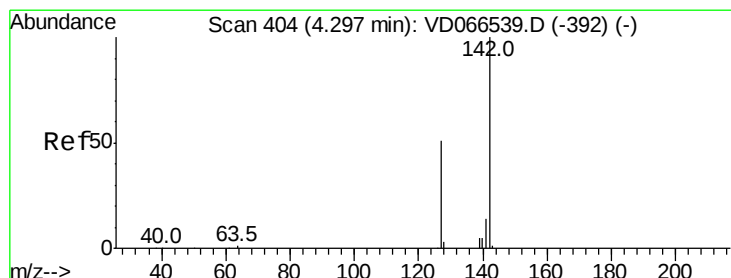
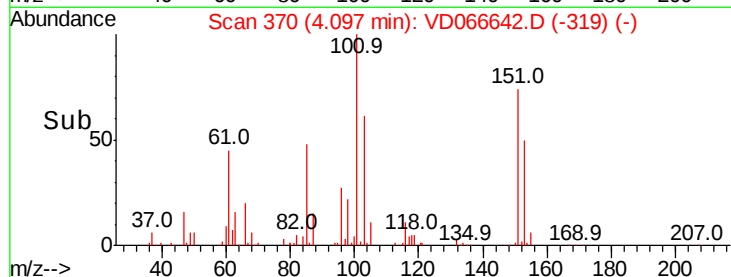
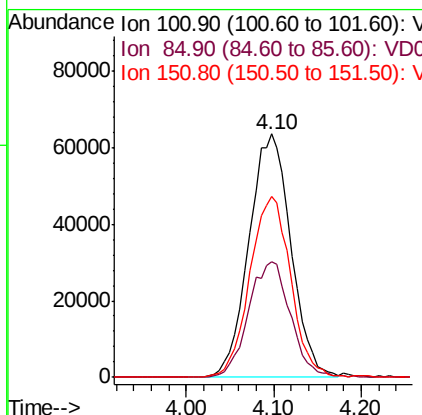
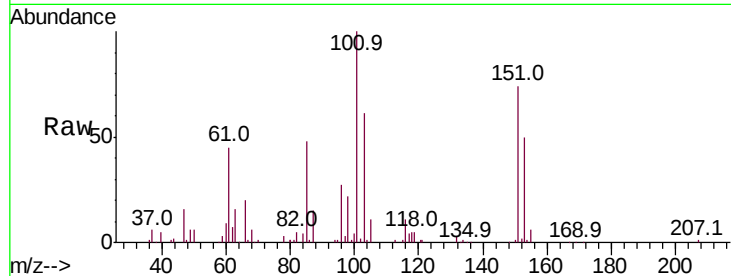




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.360 ug/l
 RT: 4.10 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

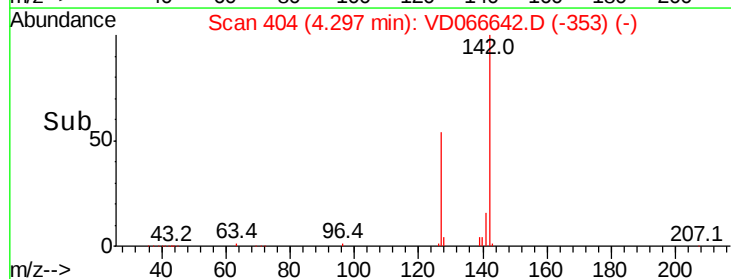
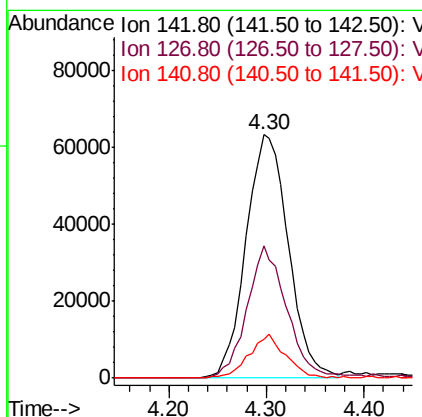
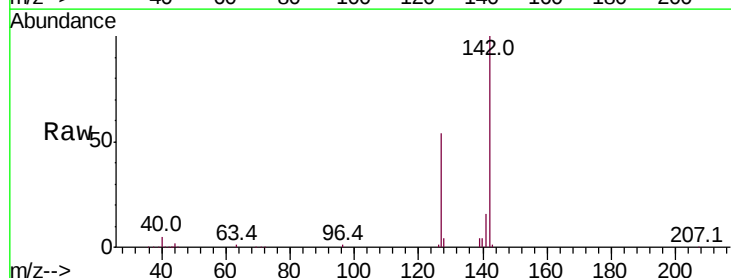
Instrument :
 MSVOA_D
 ClientSampleId :

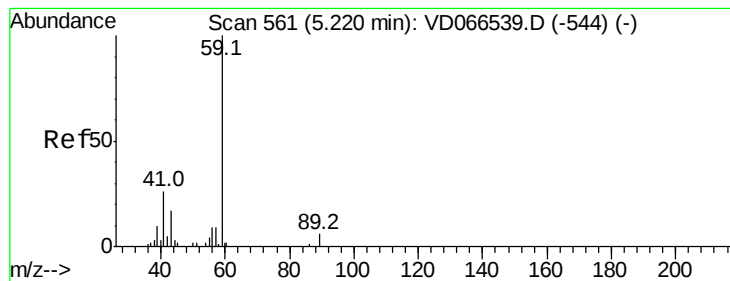
Tot Ion	Ratio	Lower	Upper
101	100		
85	47.3	37.0	55.6
151	72.3	59.4	89.2



#10
 Methyl Iodide
 Concen: 48.941 ug/l
 RT: 4.30 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
142	100		
127	50.5	40.6	61.0
141	15.7	12.2	18.4





#11

Tert butyl alcohol

Concen: 257.817 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

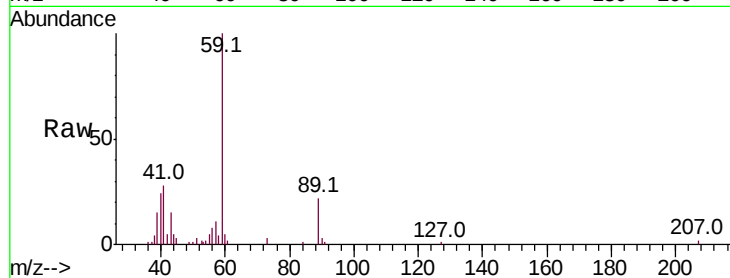
ClientSampleId :

Tot Ion: 59 Resp: 74540

Ion Ratio Lower Upper

59 100

57 3.5 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

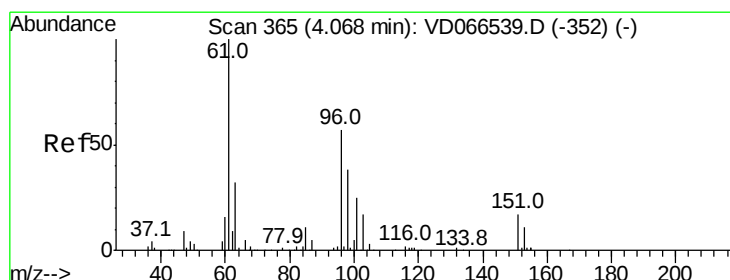
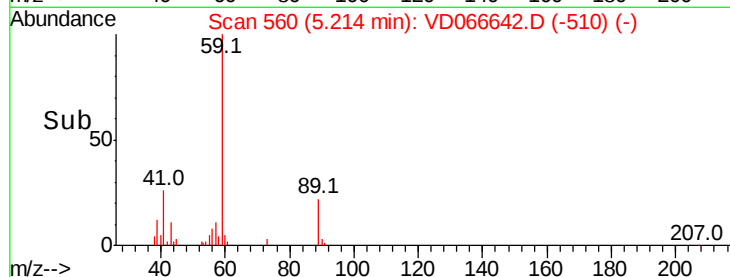
15000

10000

5000

0

Time--> 5.00 5.10 5.20 5.30 5.40



#12

1,1-Dichloroethene

Concen: 48.965 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

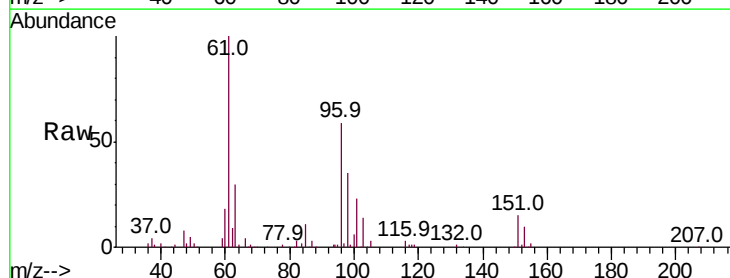
Tgt Ion: 96 Resp: 189514

Ion Ratio Lower Upper

96 100

61 168.7 140.9 211.3

98 59.2 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

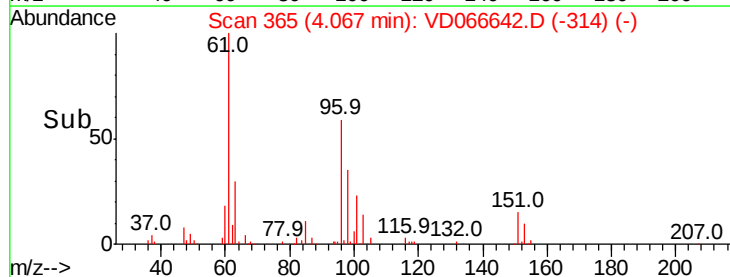
150000

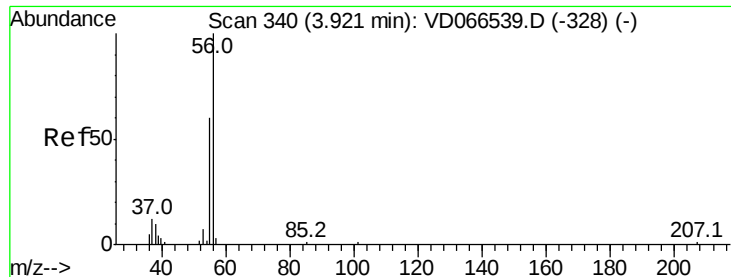
100000

50000

0

Time--> 4.00 4.10 4.20





#13

Acrolein

Concen: 258.630 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

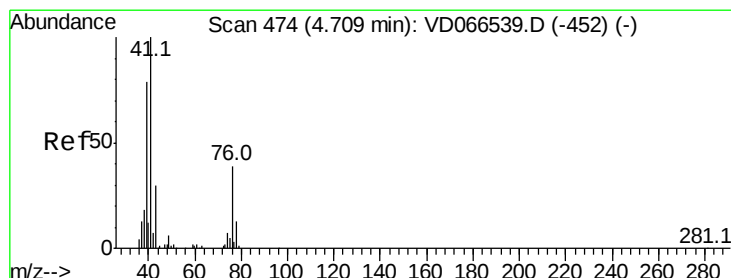
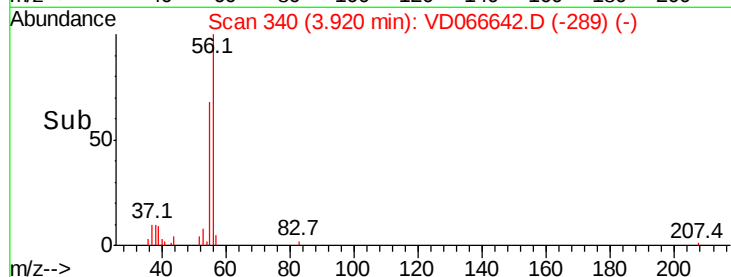
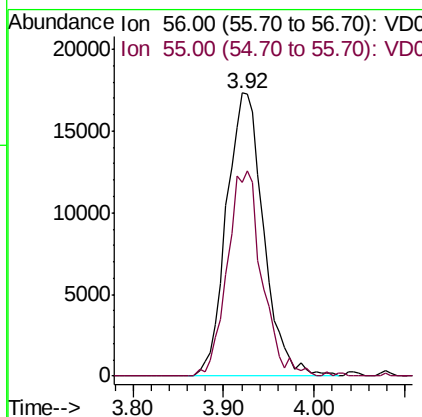
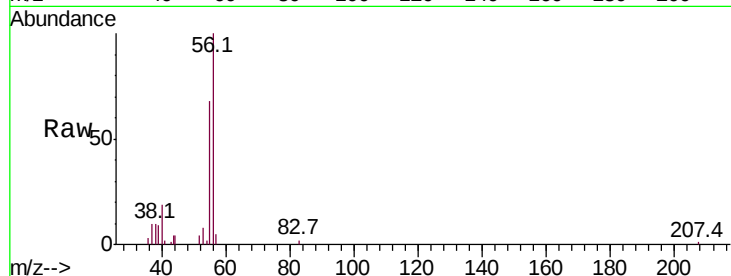
ClientSampleId :

Tot Ion: 56 Resp: 49152

Ion Ratio Lower Upper

56 100

55 68.0 53.6 80.4



#14

Allyl chloride

Concen: 49.589 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

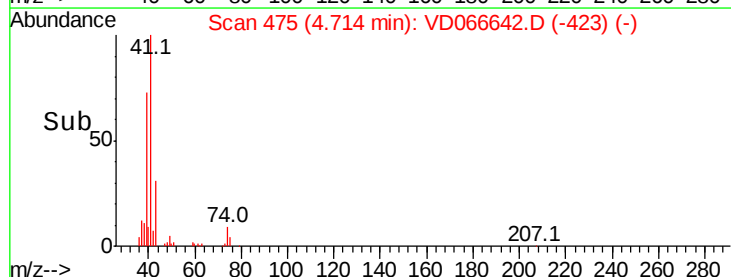
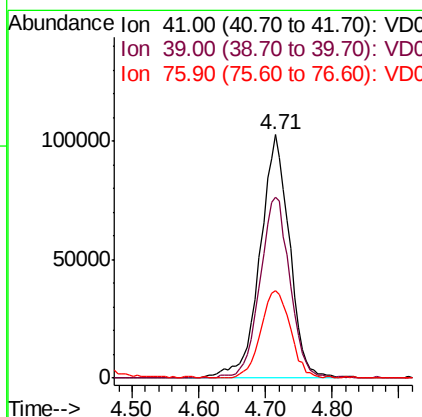
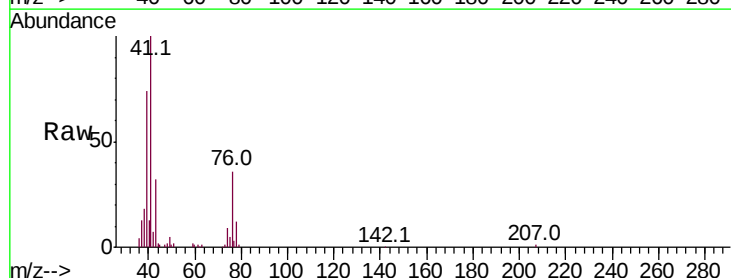
Tgt Ion: 41 Resp: 314554

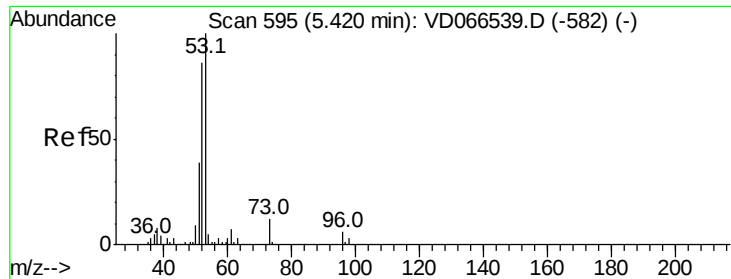
Ion Ratio Lower Upper

41 100

39 75.9 61.9 92.9

76 35.7 29.0 43.6





#15

Acrylonitrile

Concen: 260.167 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

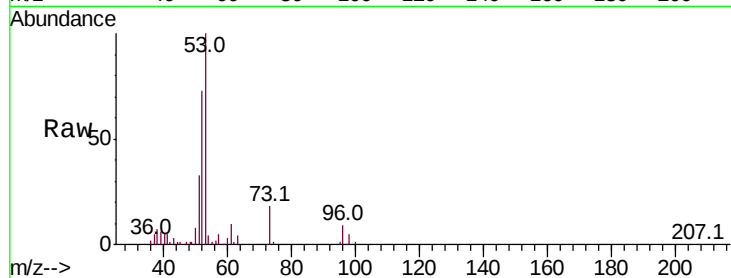
Tot Ion: 53 Resp: 224021

Ion Ratio Lower Upper

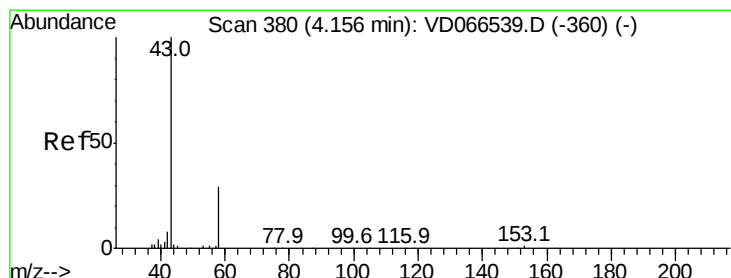
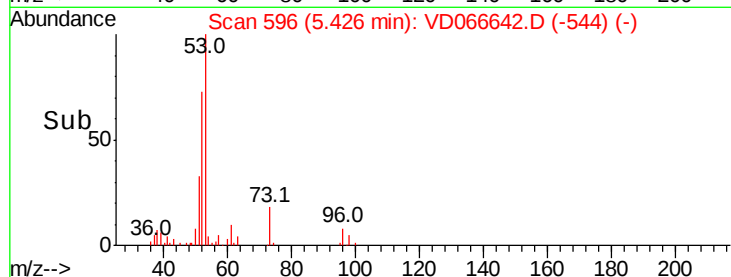
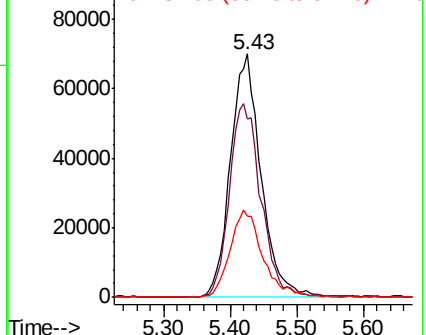
53 100

52 81.6 65.4 98.2

51 38.4 31.2 46.8



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 293.323 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066642.D

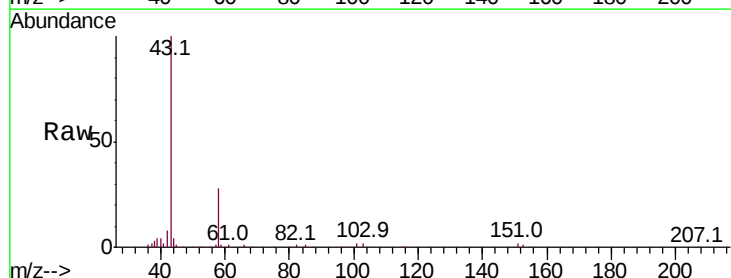
Acq: 11 Sep 2020 12:19

Tgt Ion: 43 Resp: 250853

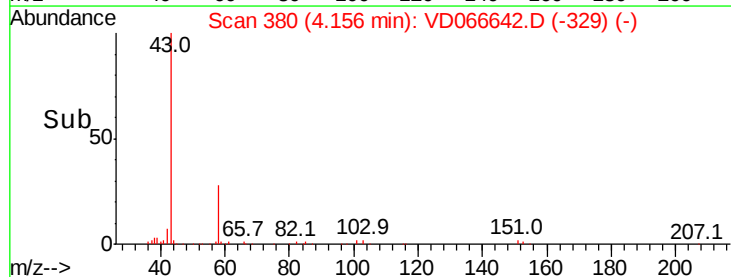
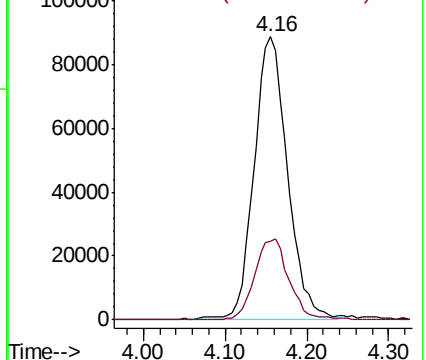
Ion Ratio Lower Upper

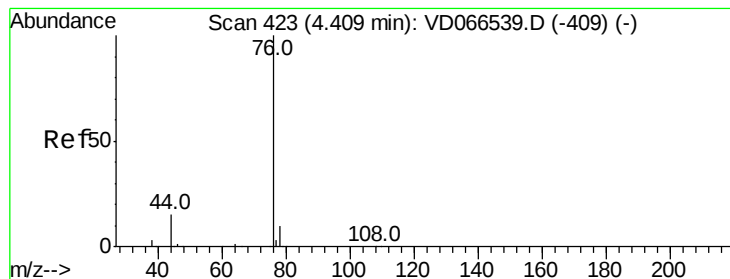
43 100

58 27.9 22.9 34.3



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





#17

Carbon Disulfide

Concen: 46.002 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

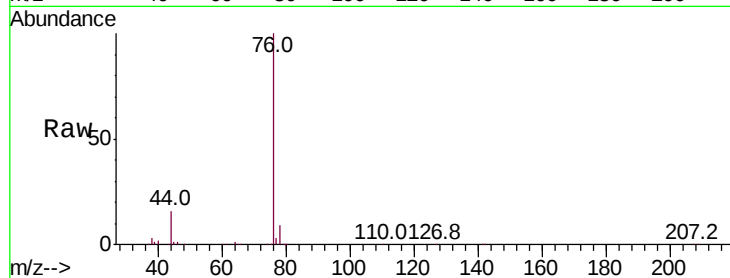
ClientSampleId :

Tot Ion: 76 Resp: 585313

Ion Ratio Lower Upper

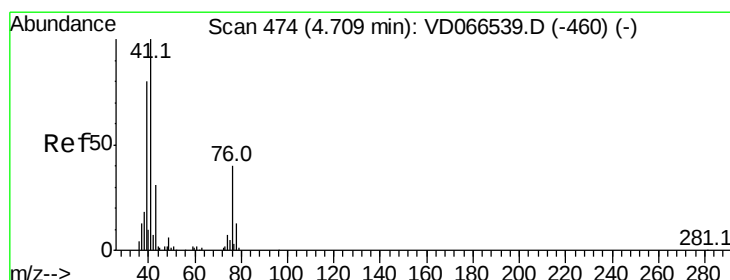
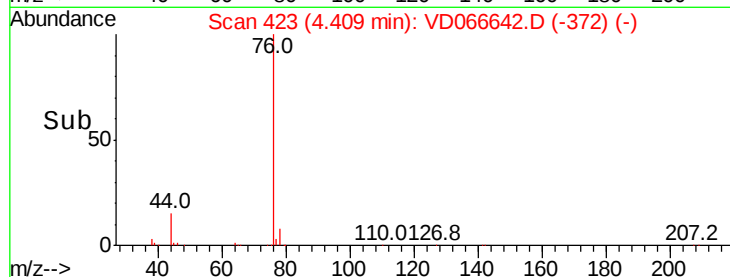
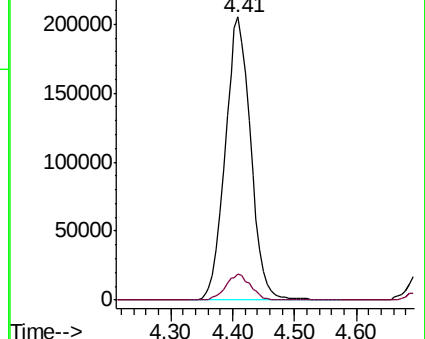
76 100

78 9.0 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: 48.902 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066642.D

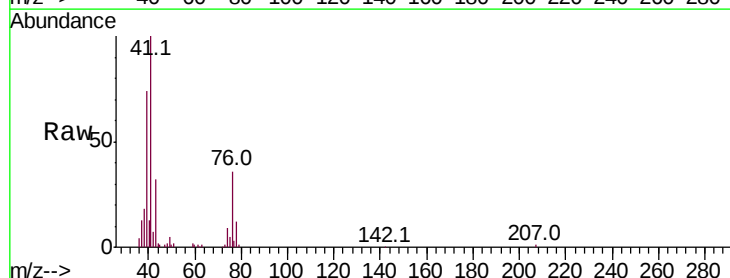
Acq: 11 Sep 2020 12:19

Tgt Ion: 43 Resp: 99694

Ion Ratio Lower Upper

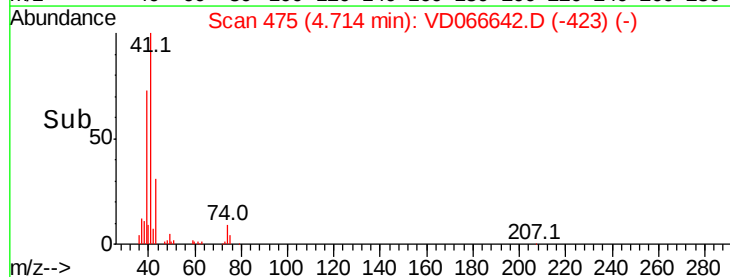
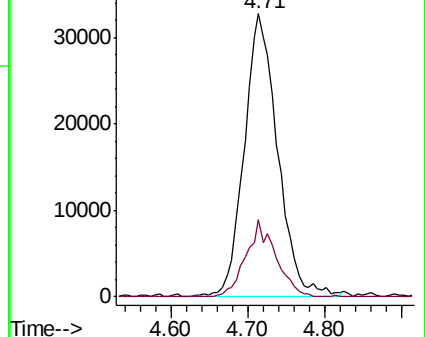
43 100

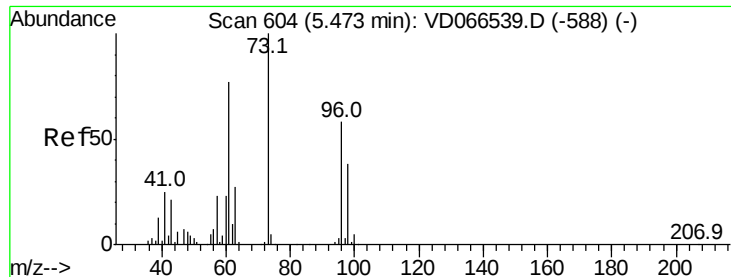
74 24.2 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



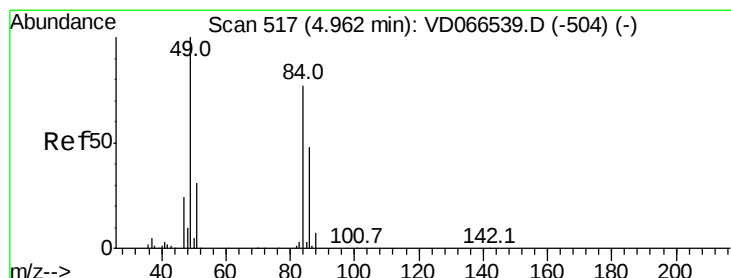
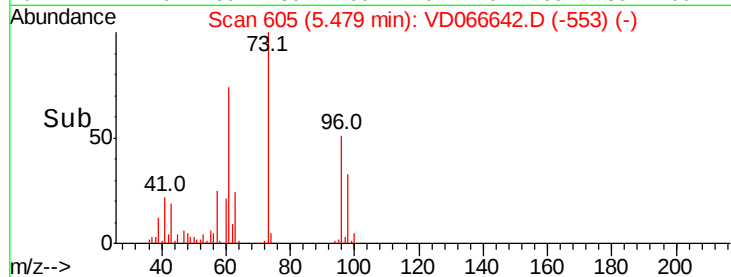
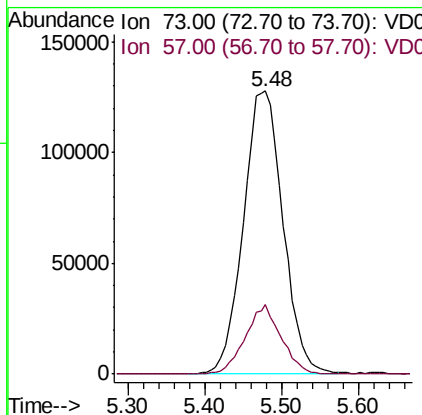
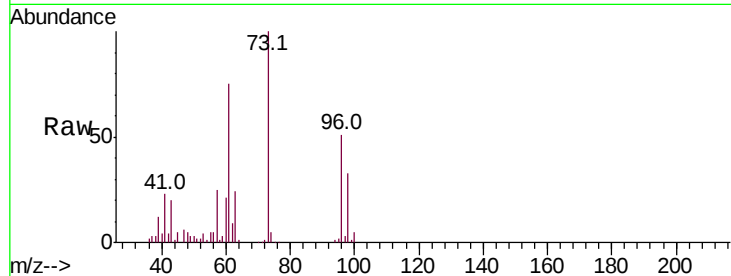


#19

Methyl tert-butyl Ether
 Concen: 50.606 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleID :

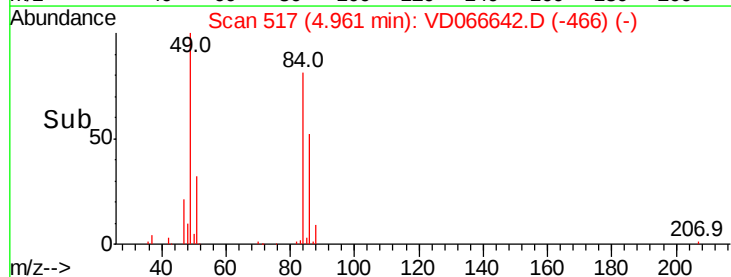
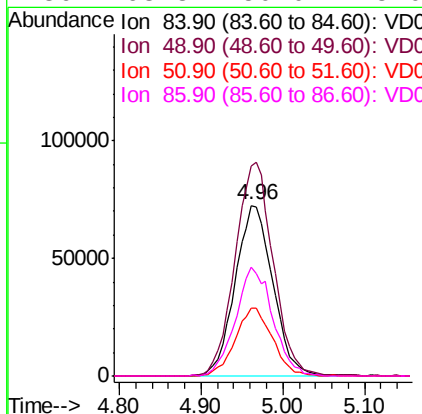
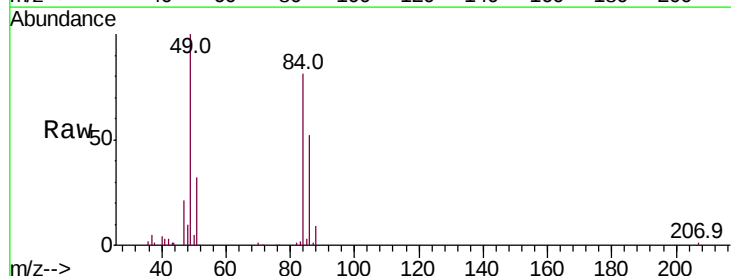
Tot Ion: 73 Resp: 459318
 Ion Ratio Lower Upper
 73 100
 57 24.6 18.3 27.5

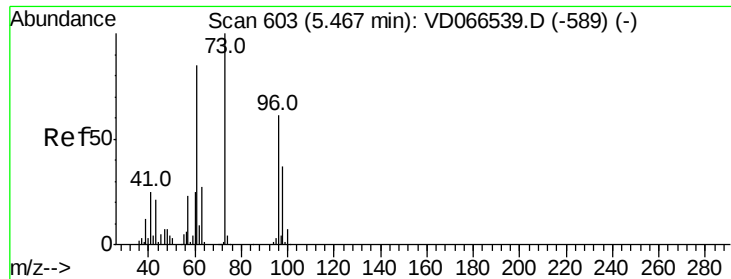


#20

Methylene Chloride
 Concen: 49.813 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion: 84 Resp: 232277
 Ion Ratio Lower Upper
 84 100
 49 122.7 104.3 156.5
 51 39.9 32.2 48.4
 86 63.8 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 48.392 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

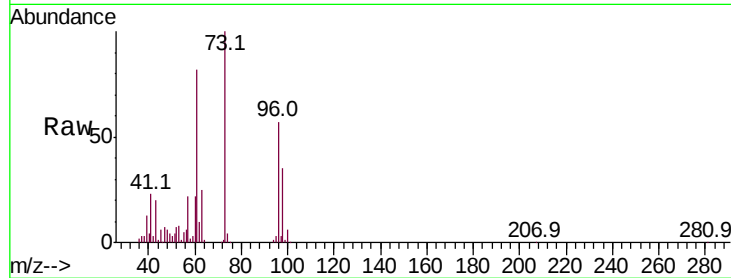
Tot Ion: 96 Resp: 222418

Ion Ratio Lower Upper

96 100

61 143.1 112.1 168.1

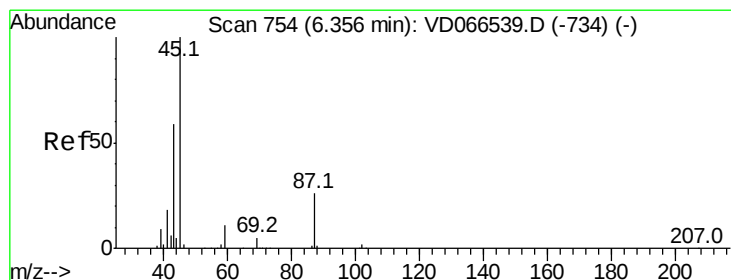
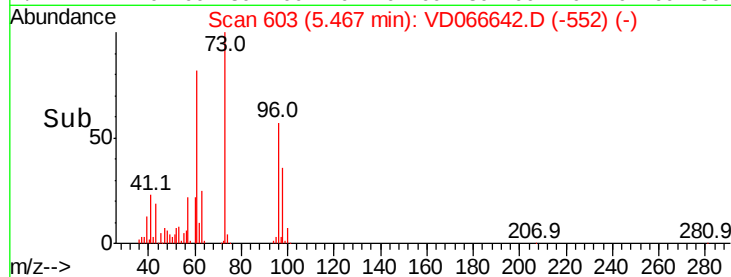
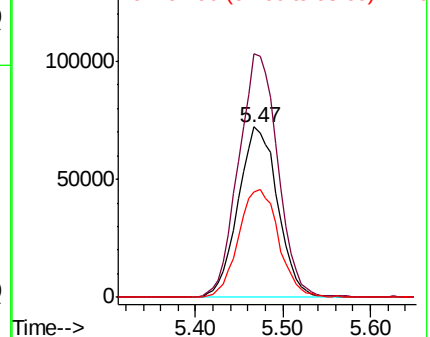
98 61.8 48.6 72.8



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: 50.888 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion: 45 Resp: 663791

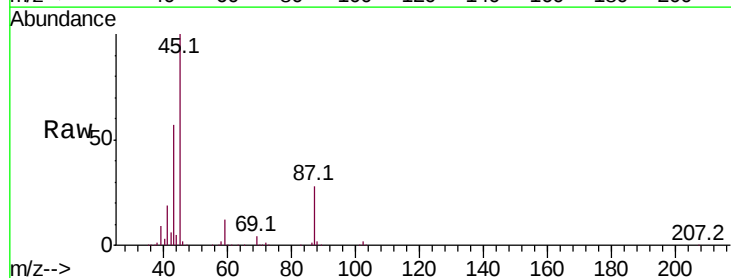
Ion Ratio Lower Upper

45 100

43 57.0 47.0 70.4

87 27.6 21.3 31.9

59 11.8 8.7 13.1

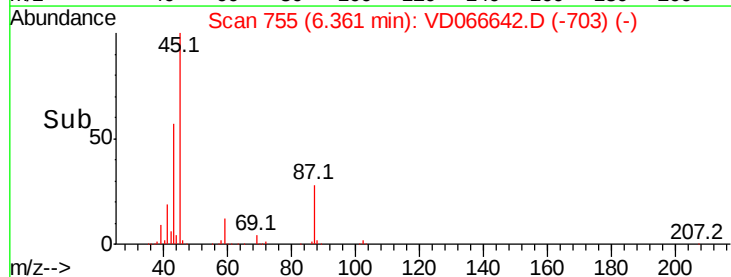
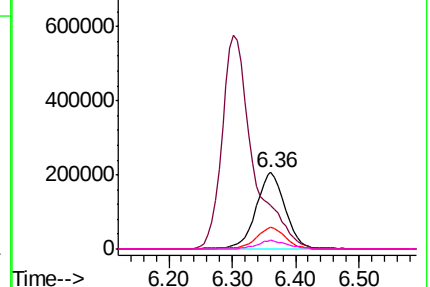


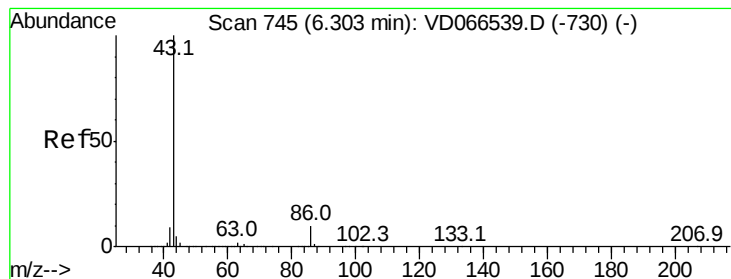
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 263.573 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

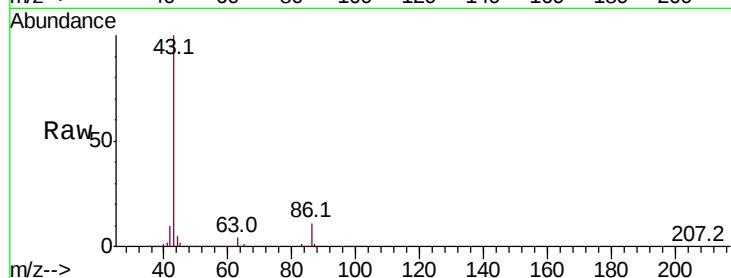
ClientSampled :

Tot Ion: 43 Resp: 1956518

Ion Ratio Lower Upper

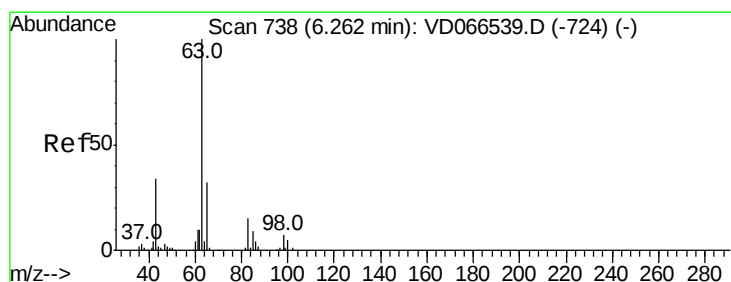
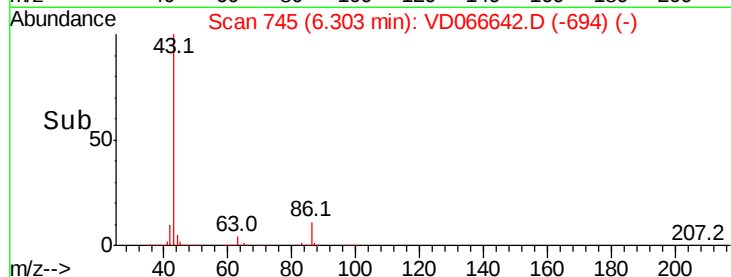
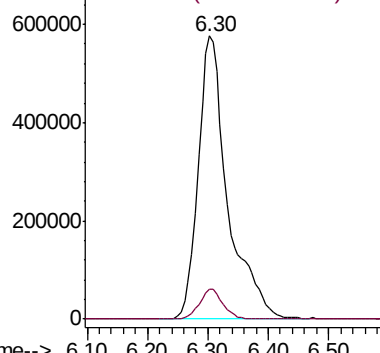
43 100

86 10.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.740 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

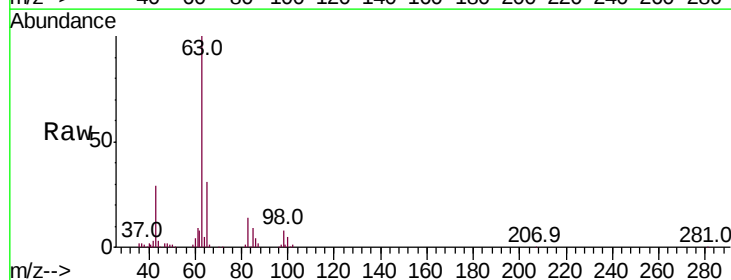
Tgt Ion: 63 Resp: 399809

Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.1

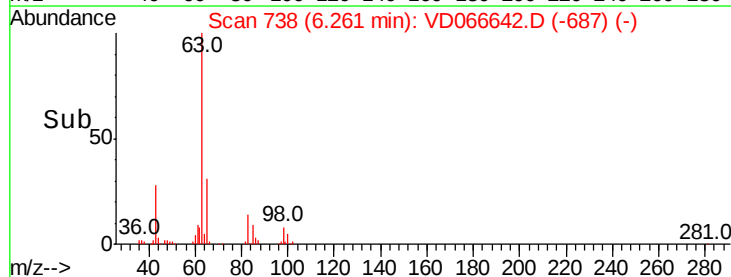
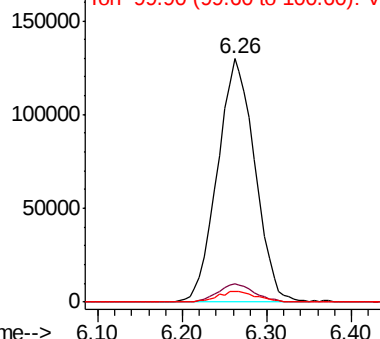
100 4.6 2.5 7.4

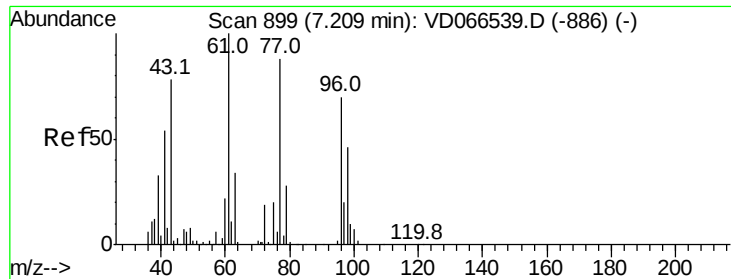


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 268.671 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

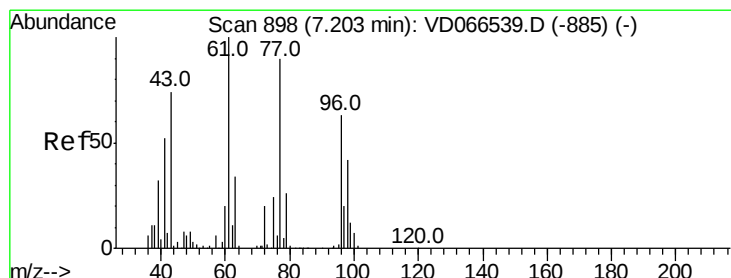
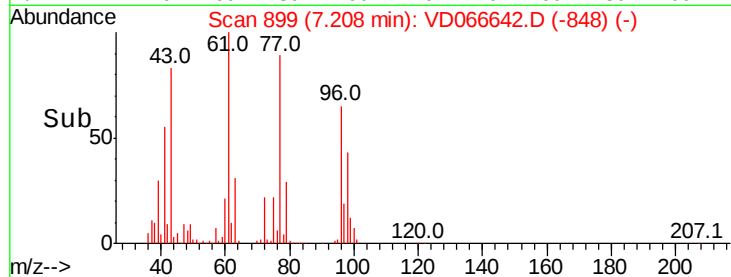
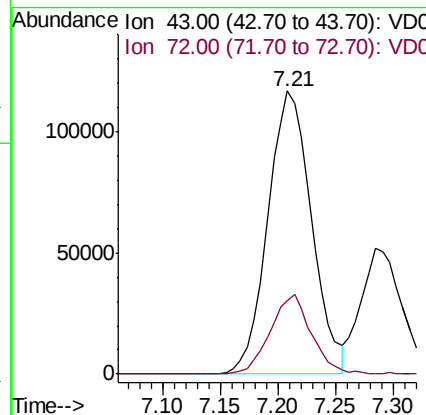
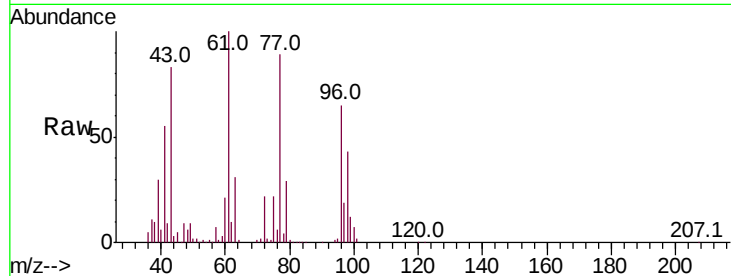
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 308442

Ion Ratio Lower Upper

43 100

72 26.1 19.8 29.6



#26

2,2-Dichloropropane

Concen: 49.462 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066642.D

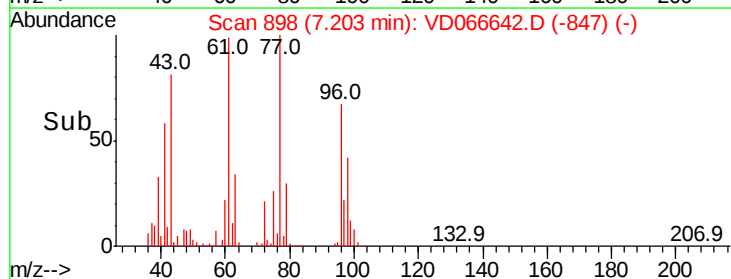
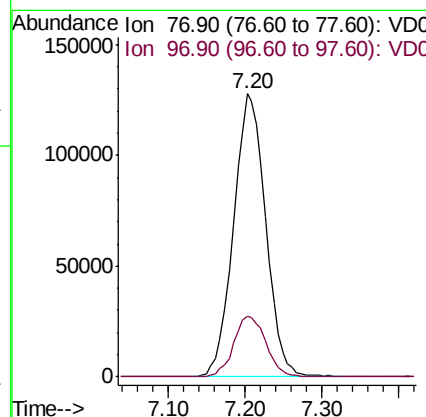
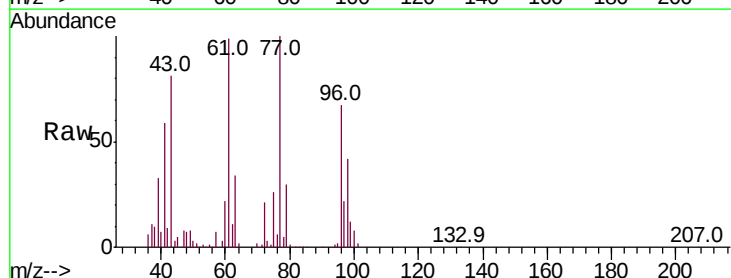
Acq: 11 Sep 2020 12:19

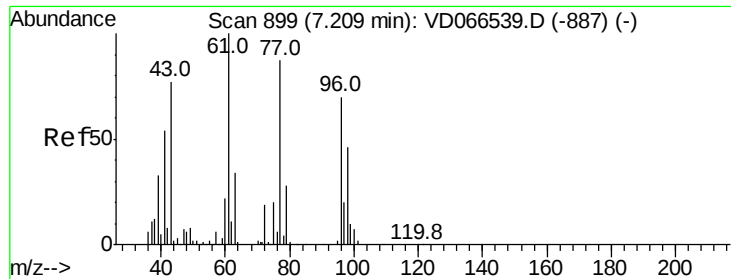
Tgt Ion: 77 Resp: 372172

Ion Ratio Lower Upper

77 100

97 21.6 10.8 32.3



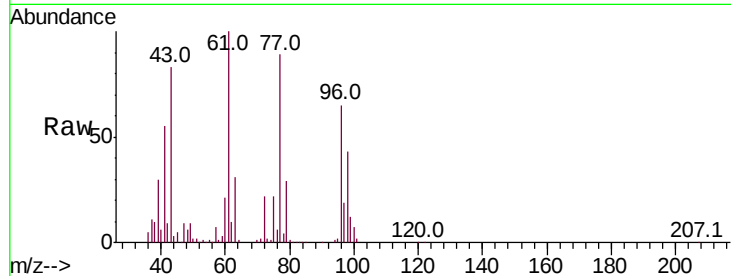


#27

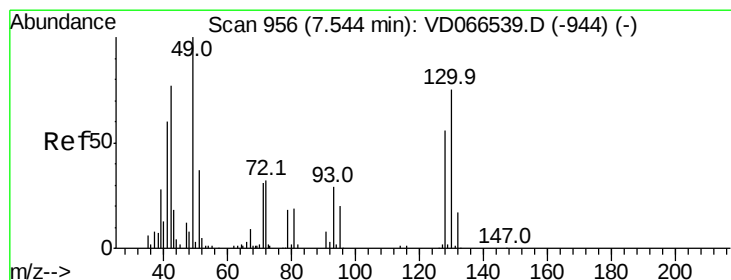
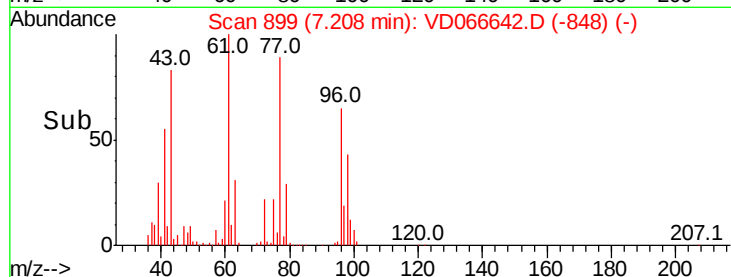
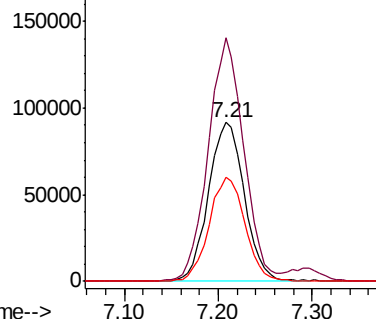
cis-1,2-Dichloroethene
Concen: 49.216 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	301.0
98	65.7	0.0	129.8



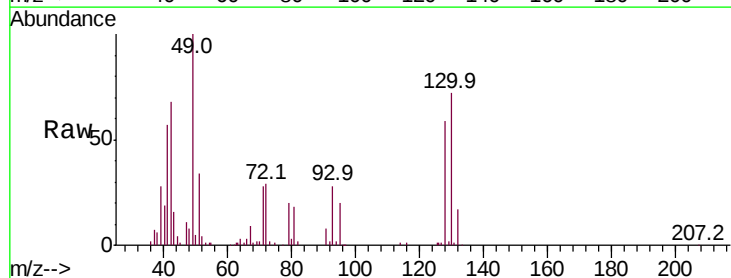
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



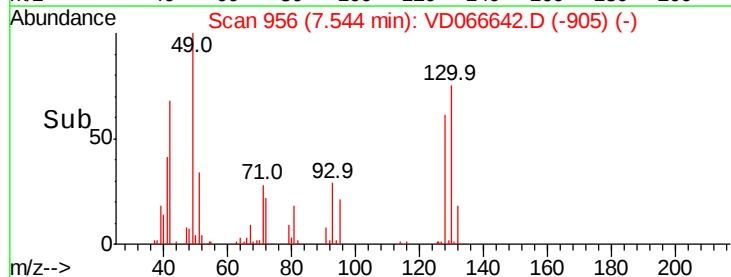
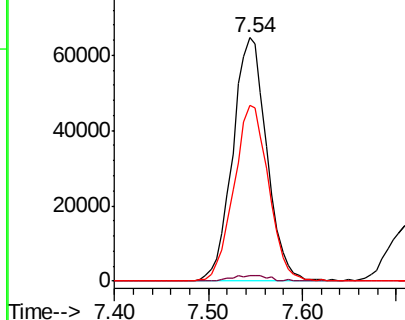
#28

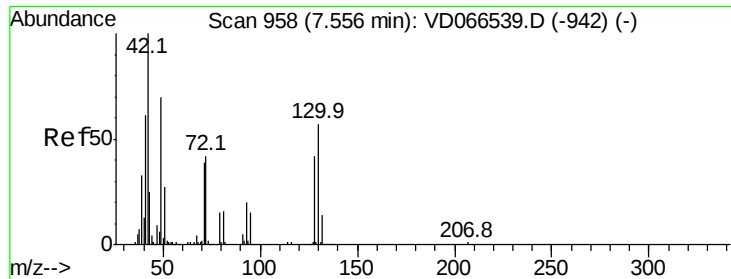
Bromochloromethane
Concen: 51.570 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.6
130	73.1	58.2	87.2



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

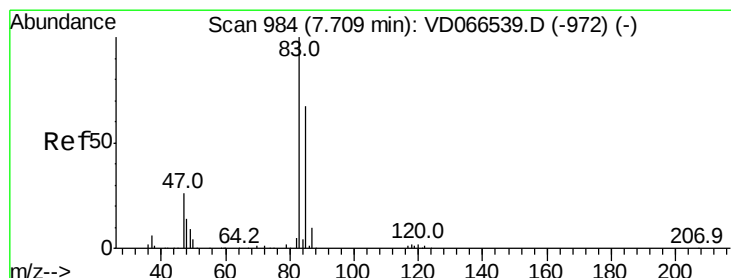
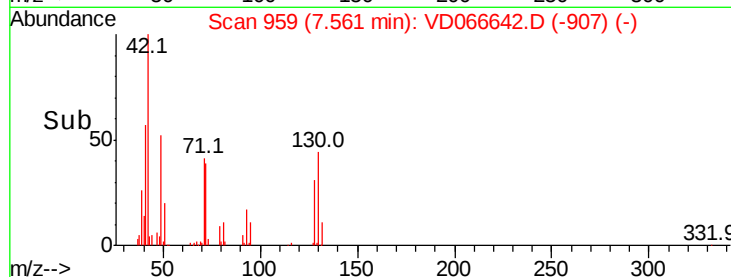
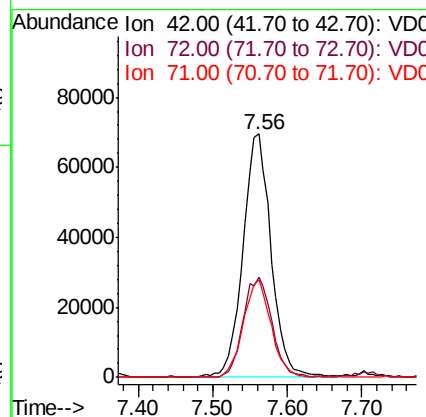
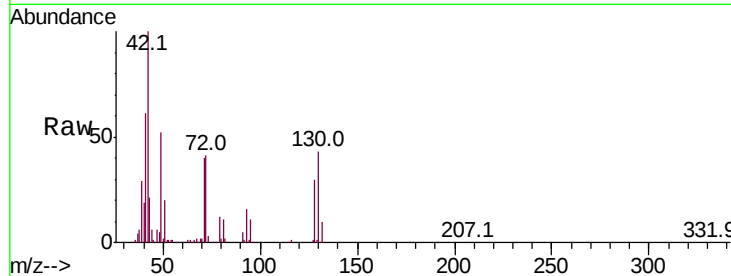




#29
Tetrahydrofuran
Concen: 254.892 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

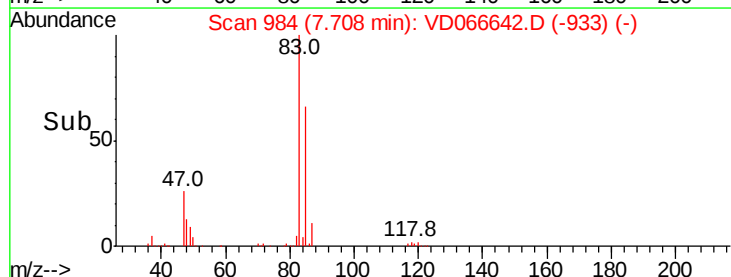
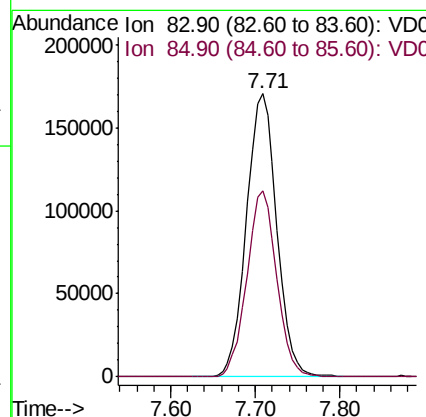
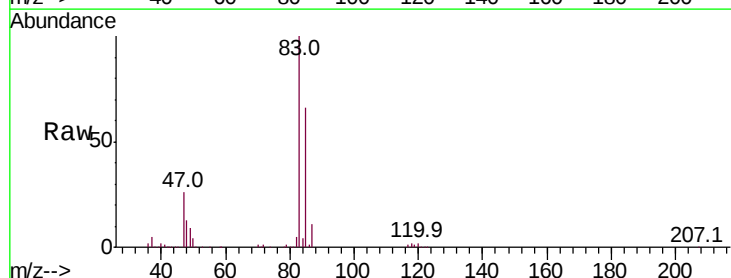
Instrument :
MSVOA_D
ClientSampleID :

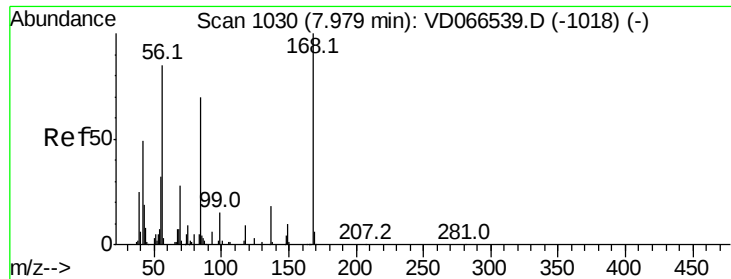
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.4	50.0
71	39.3	31.9	47.9



#30
Chloroform
Concen: 49.059 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.6	80.4

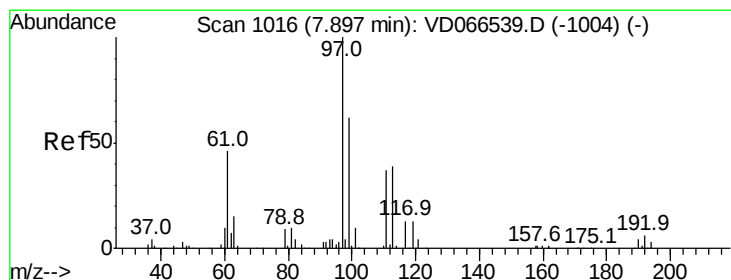
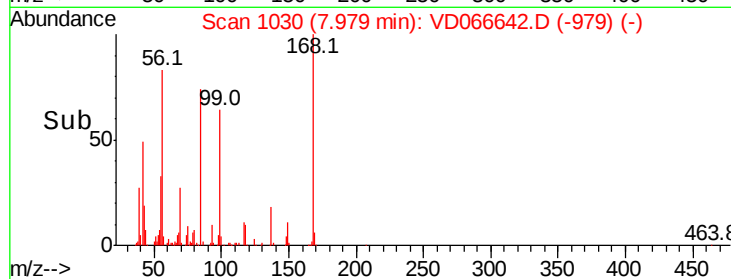
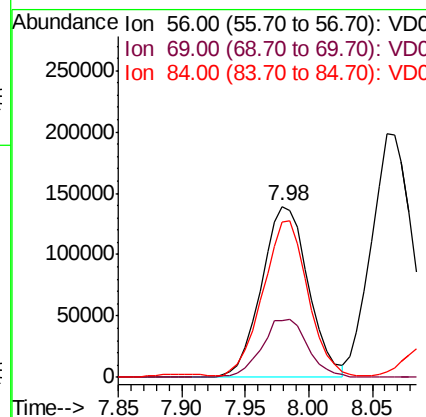
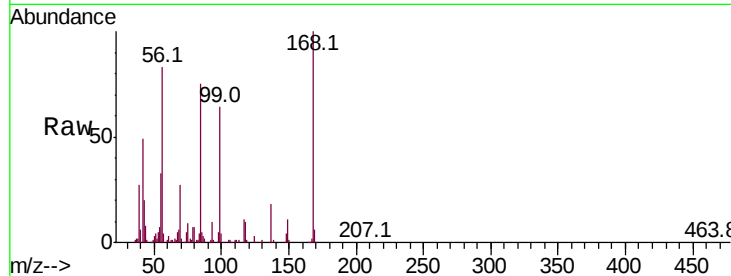




#31
Cyclohexane
Concen: 47.292 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

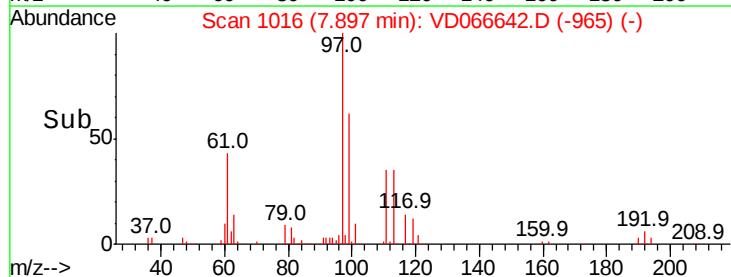
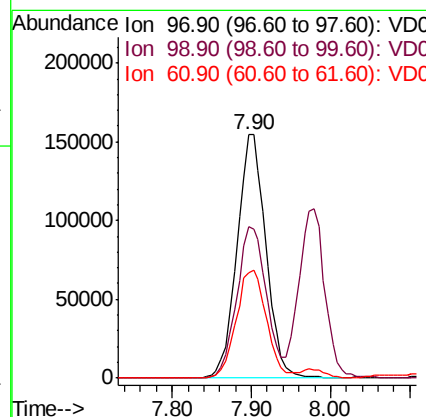
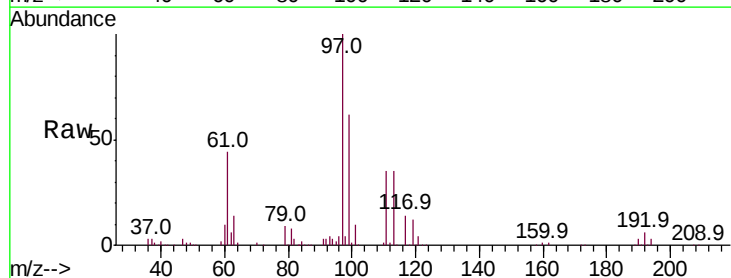
Instrument :
MSVOA_D
ClientSampled :

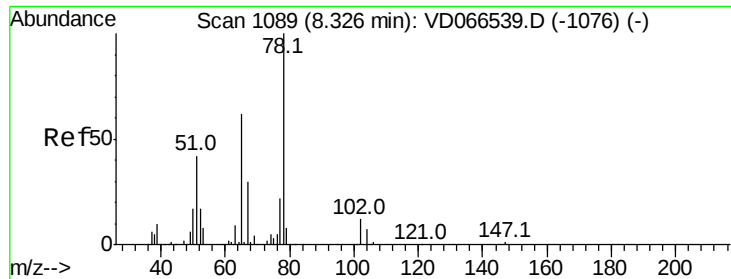
Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	26.3	39.5
84	89.0	66.1	99.1



#32
1,1,1-Trichloroethane
Concen: 47.712 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.0
61	46.7	37.4	56.0





#33

1,2-Dichloroethane-d4

Concen: 48.297 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

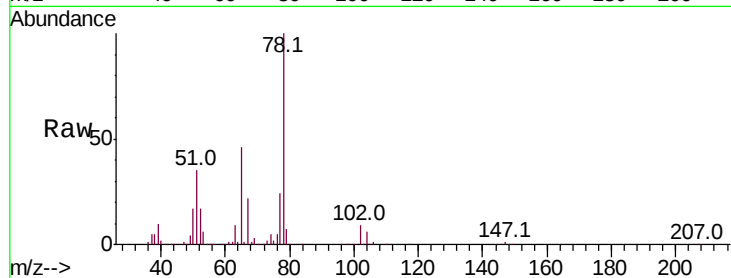
ClientSampled :

Tot Ion: 65 Resp: 224484

Ion Ratio Lower Upper

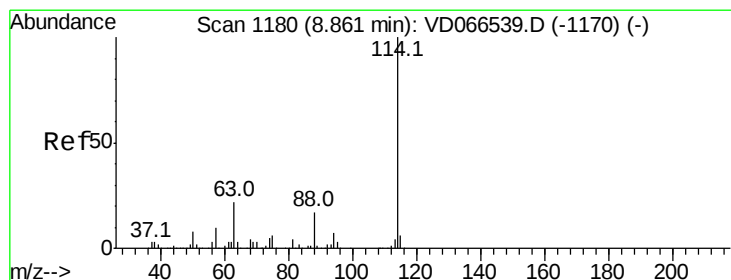
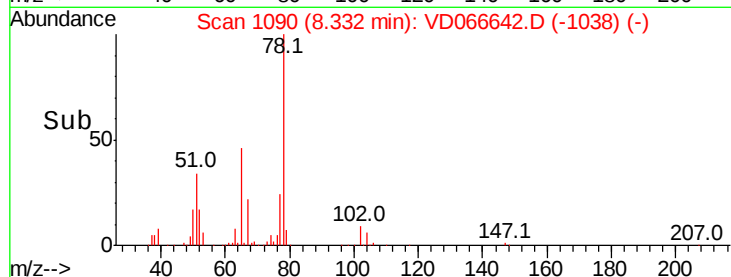
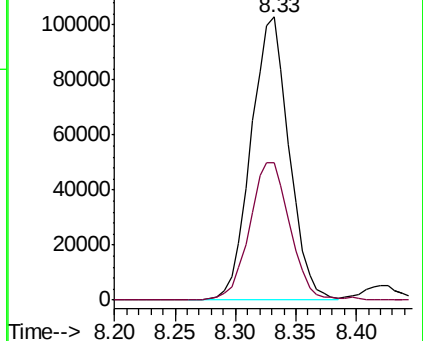
65 100

67 51.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

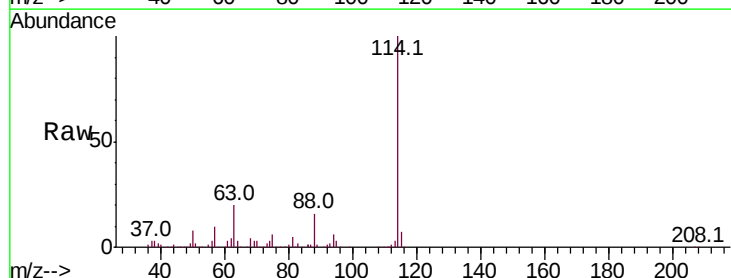
Tgt Ion: 114 Resp: 598486

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

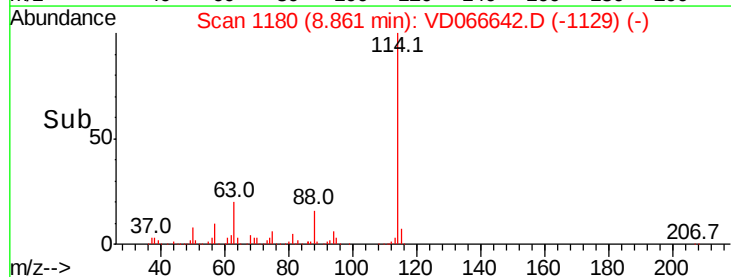
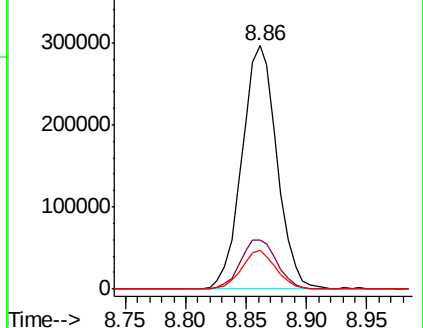
88 15.9 0.0 33.2

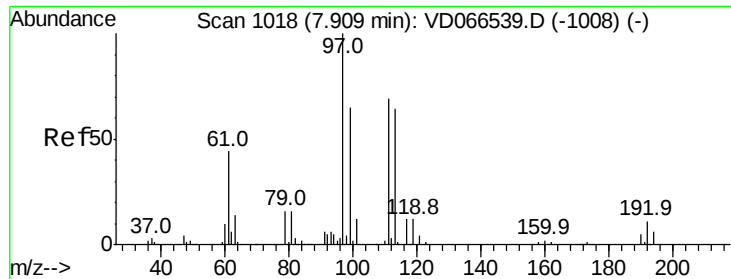


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

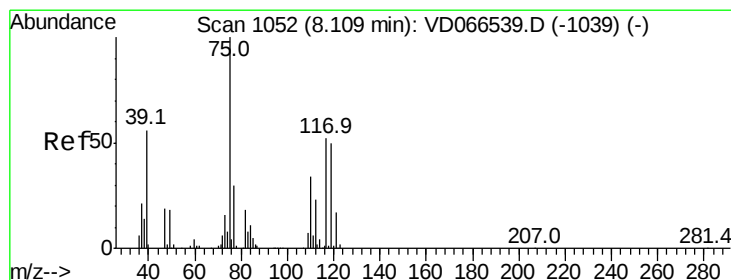
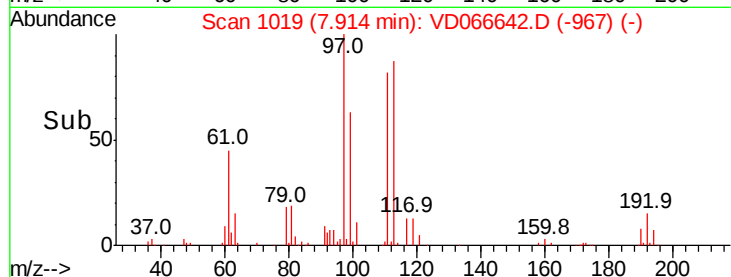
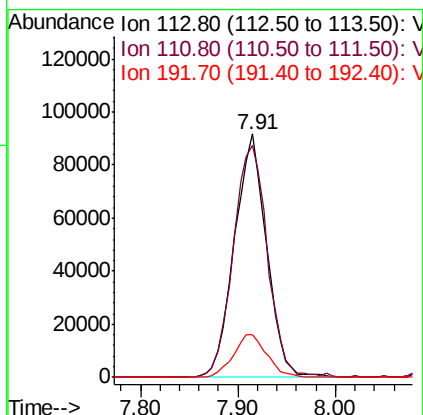
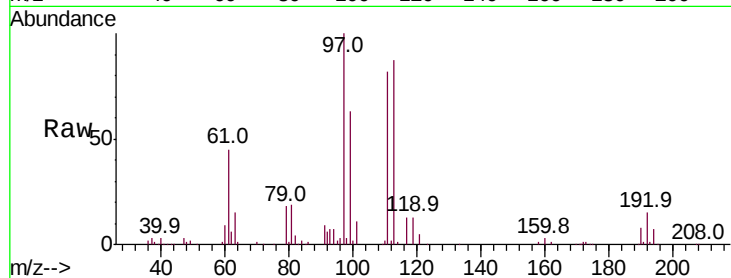




#35
 Dibromofluoromethane
 Concen: 51.952 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

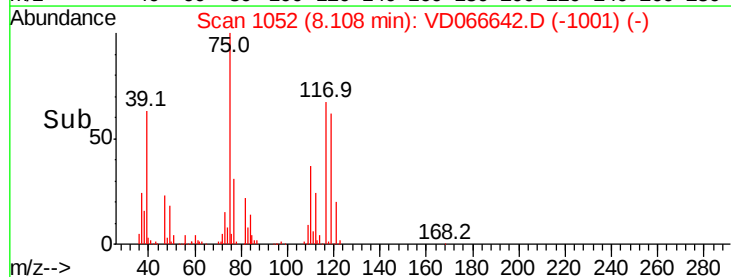
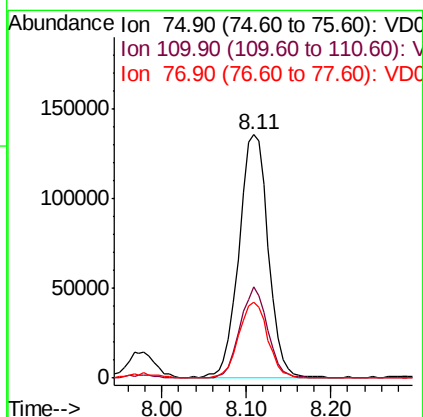
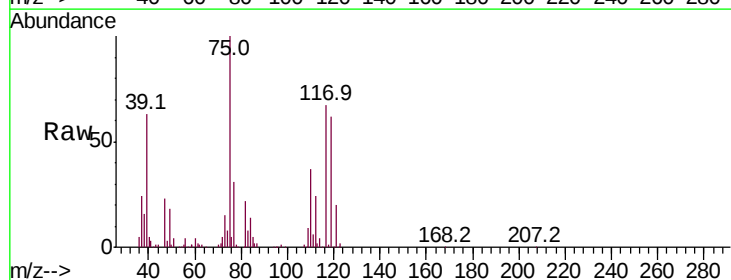
Instrument :
 MSVOA_D
 ClientSampleId :

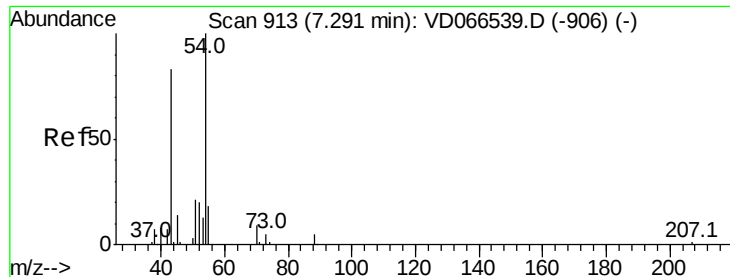
Tot Ion:113 Resp: 209753
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.2 124.8
 192 18.1 13.7 20.5



#36
 1,1-Dichloropropene
 Concen: 51.995 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion: 75 Resp: 323845
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.3 52.0
 77 31.2 25.1 37.7

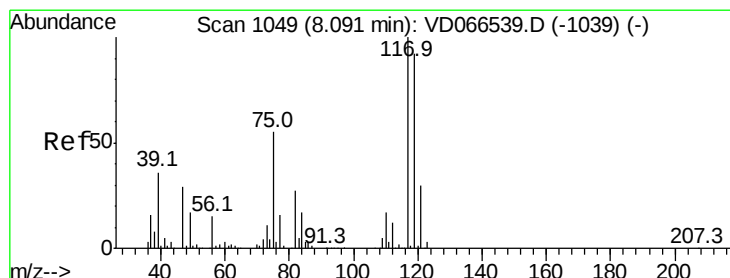
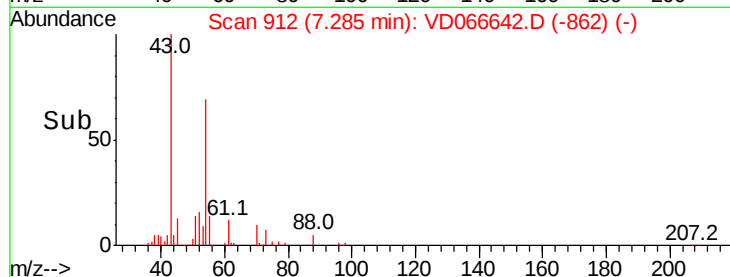
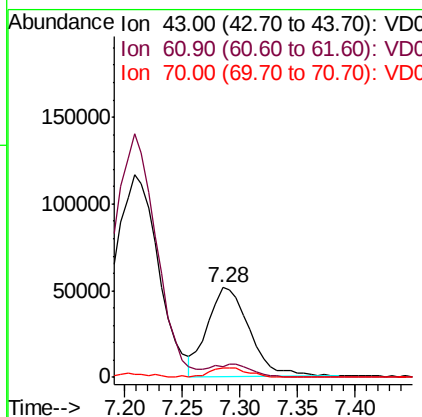
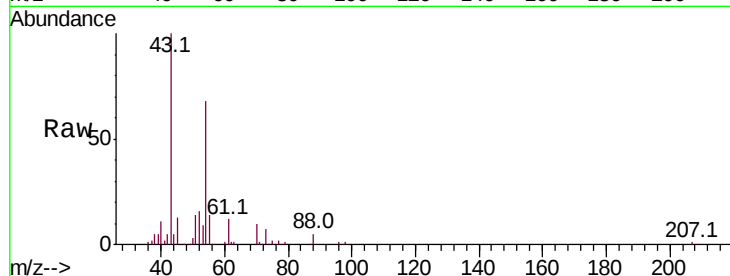




#37
Ethyl Acetate
Concen: 52.550 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

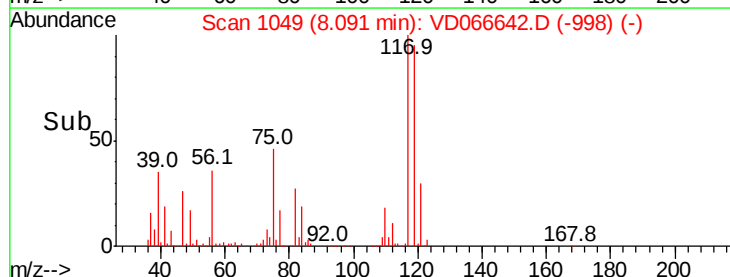
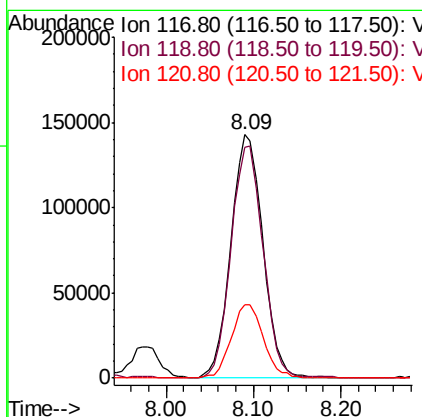
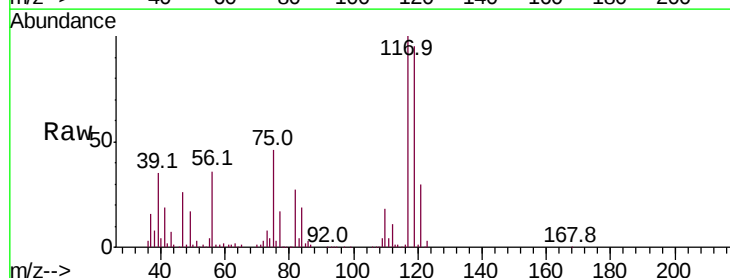
Instrument :
MSVOA_D
ClientSampleId :

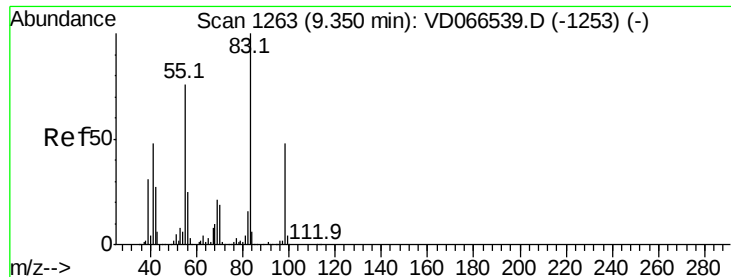
Tot Ion: 43 Resp: 130331
Ion Ratio Lower Upper
43 100
61 13.5 11.8 17.8
70 10.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 53.559 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion: 117 Resp: 352599
Ion Ratio Lower Upper
117 100
119 94.6 73.9 110.9
121 30.4 24.1 36.1

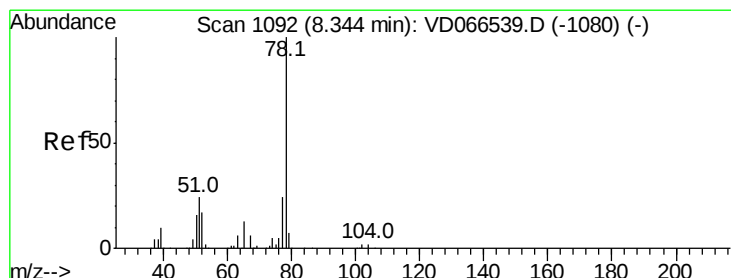
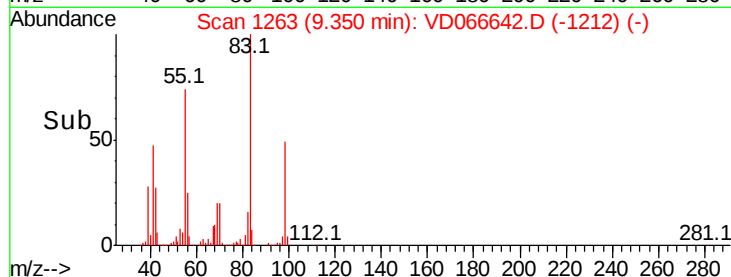
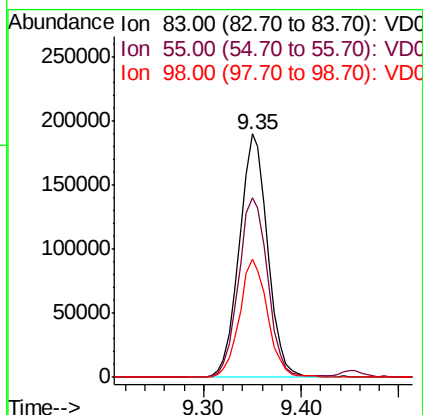
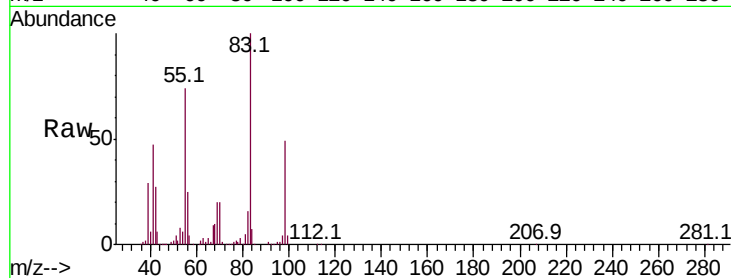




#39
Methvlcvclohexane
Concen: 55.496 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

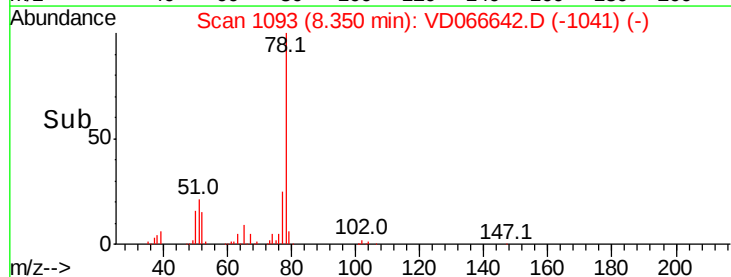
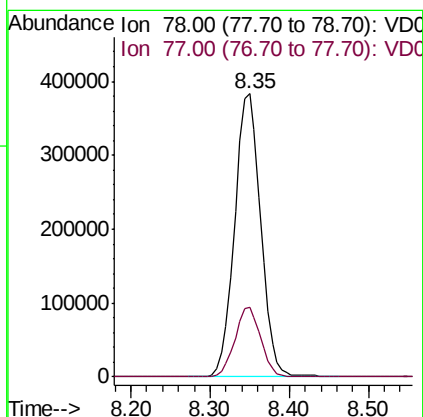
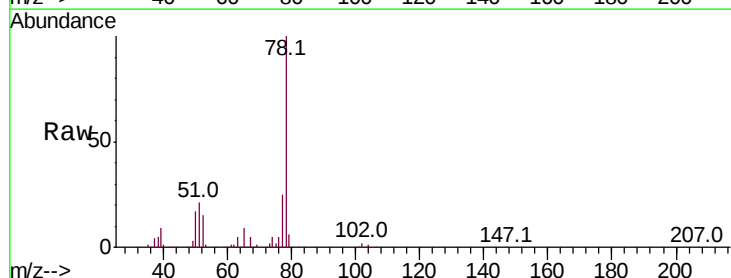
Instrument :
MSVOA_D
ClientSampleId :

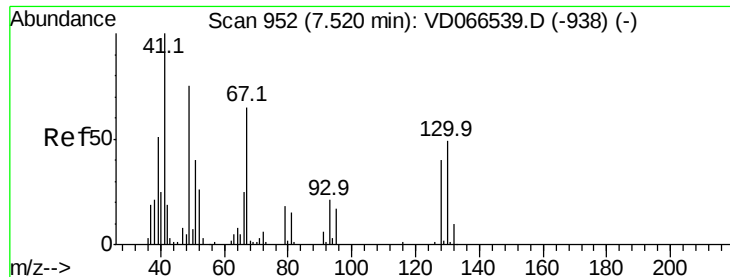
Tot Ion: 83 Resp: 385970
Ion Ratio Lower Upper
83 100
55 73.6 60.8 91.2
98 48.6 38.6 58.0



#40
Benzene
Concen: 51.251 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion: 78 Resp: 874249
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

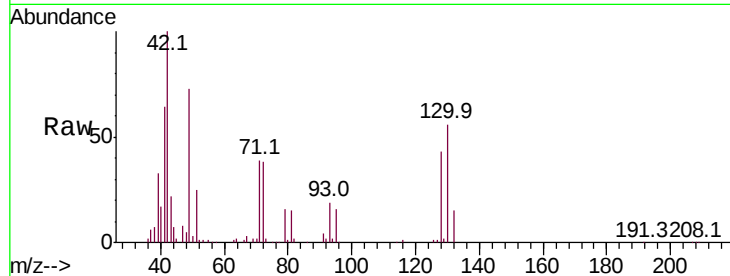




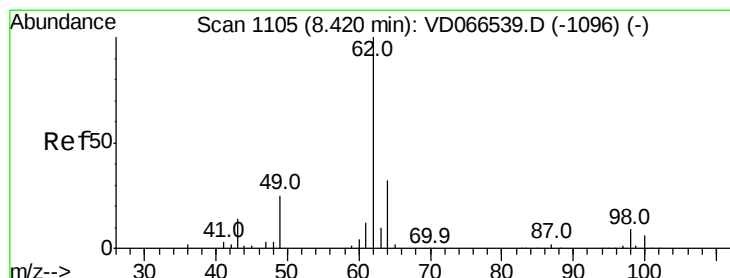
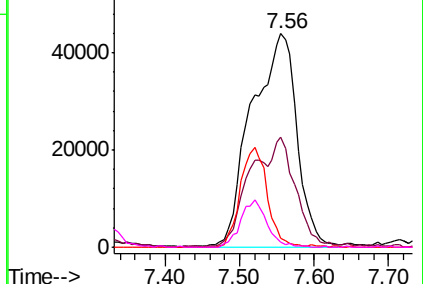
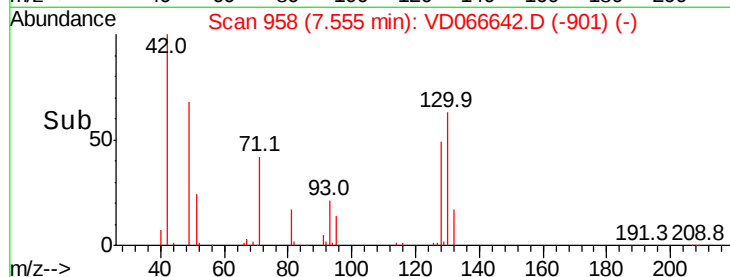
#41
Methacrylonitrile
Concen: 153.556 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.04 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 41 Resp: 184349
Ion Ratio Lower Upper
41 100
39 26.2 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#

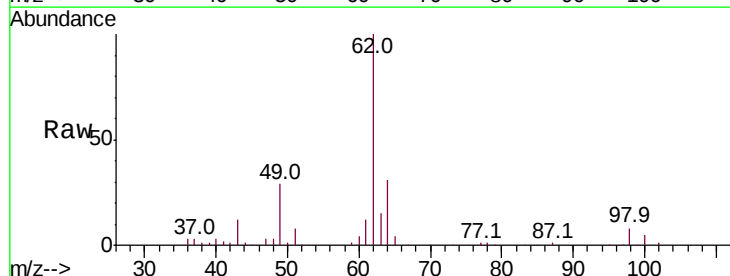


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

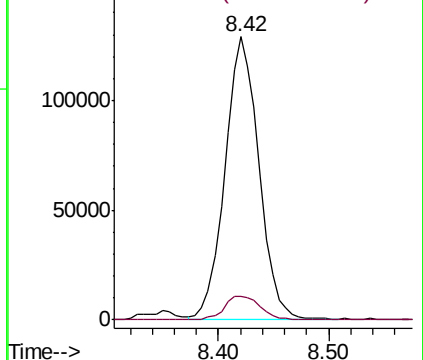
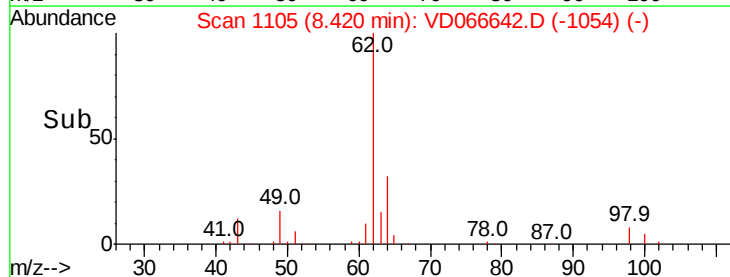


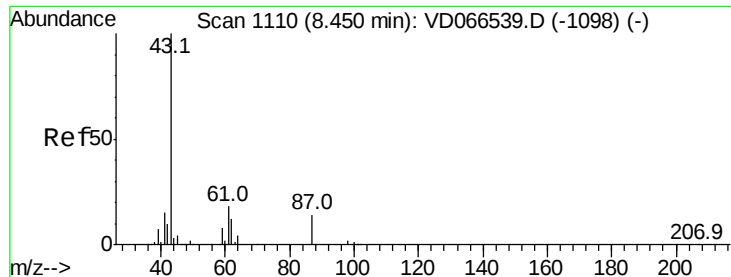
#42
1,2-Dichloroethane
Concen: 49.983 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion: 62 Resp: 276256
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 53.065 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

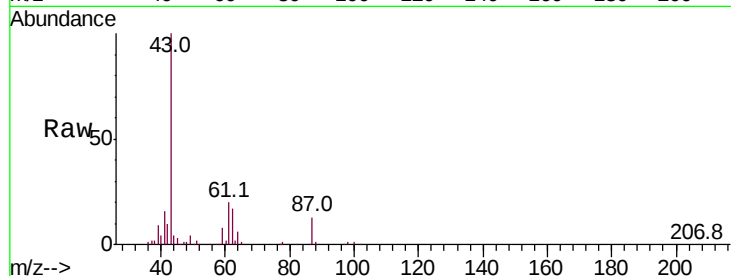
Tot Ion: 43 Resp: 252214

Ion Ratio Lower Upper

43 100

61 30.7 23.8 35.8

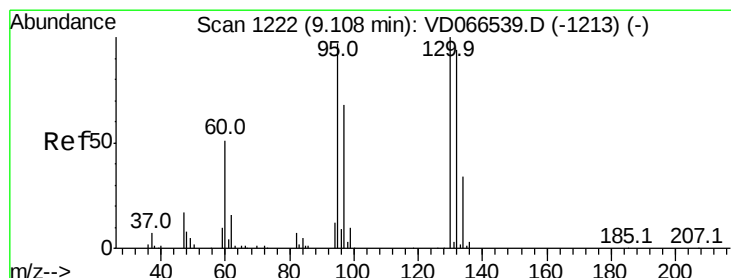
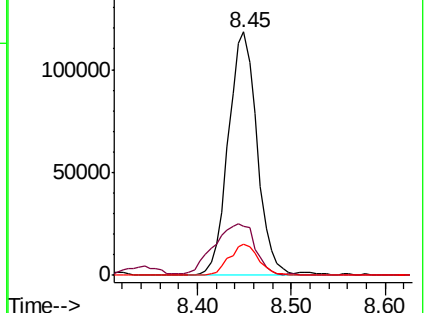
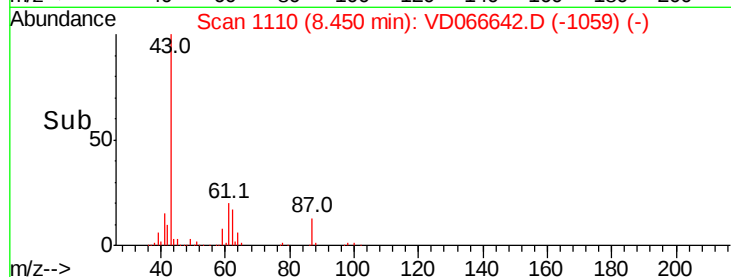
87 12.7 10.7 16.1



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: 52.495 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066642.D

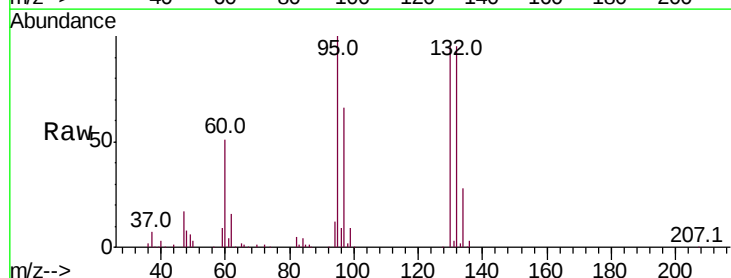
Acq: 11 Sep 2020 12:19

Tgt Ion:130 Resp: 234892

Ion Ratio Lower Upper

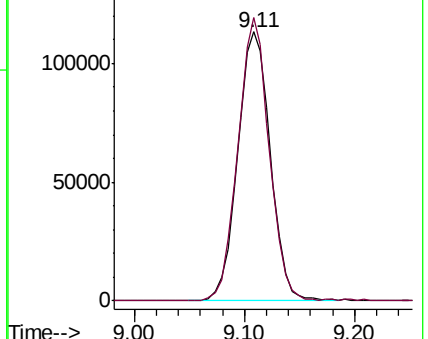
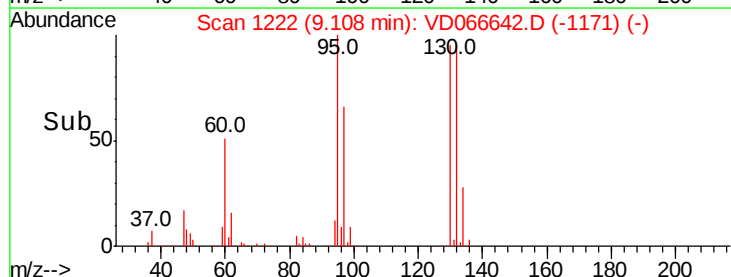
130 100

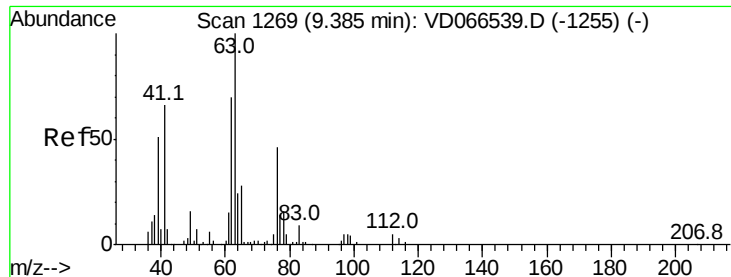
95 105.2 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

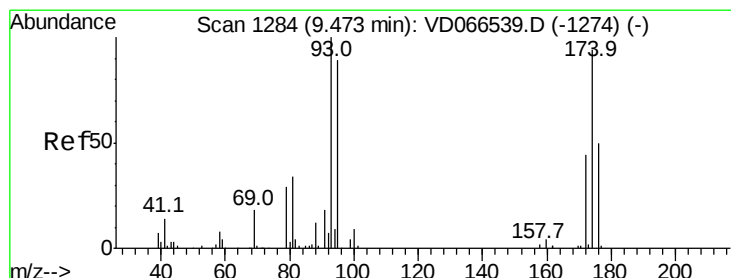
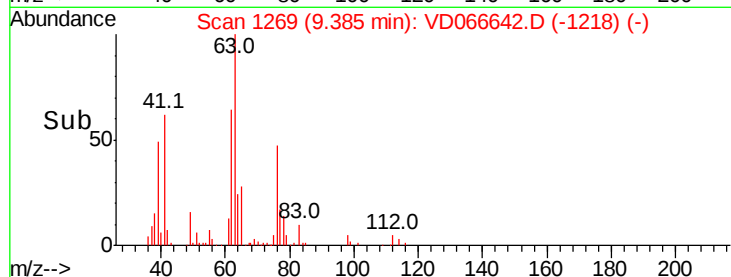
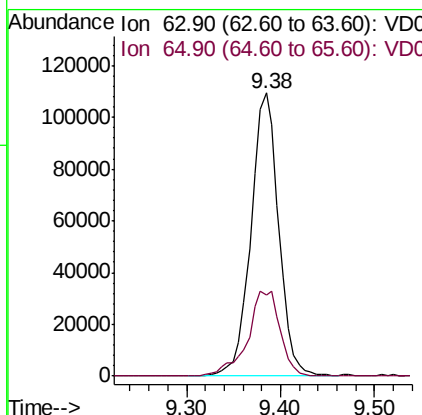
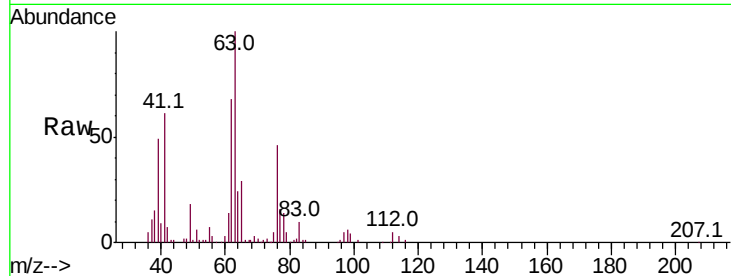




#45
 1,2-Dichloropropane
 Concen: 52.183 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

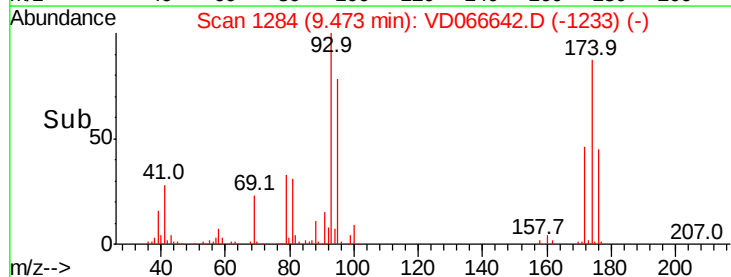
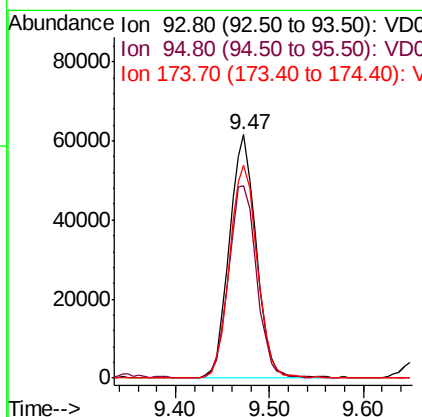
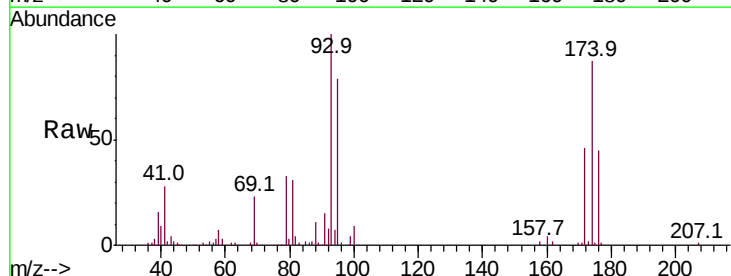
Instrument :
 MSVOA_D
 ClientSampled :

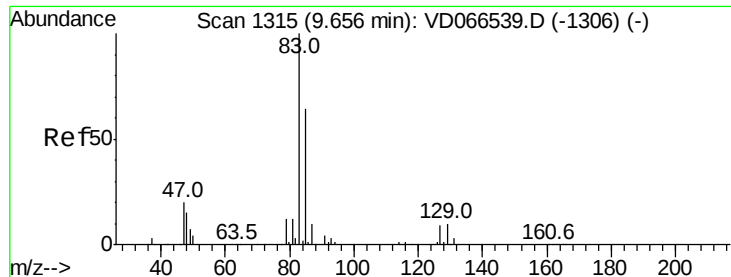
Tot Ion: 63 Resp: 223857
 Ion Ratio Lower Upper
 63 100
 65 28.5 22.6 34.0



#46
 Dibromomethane
 Concen: 51.580 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion: 93 Resp: 122076
 Ion Ratio Lower Upper
 93 100
 95 82.3 68.7 103.1
 174 89.9 70.0 105.0





#47

Bromodichloromethane

Concen: 50.479 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

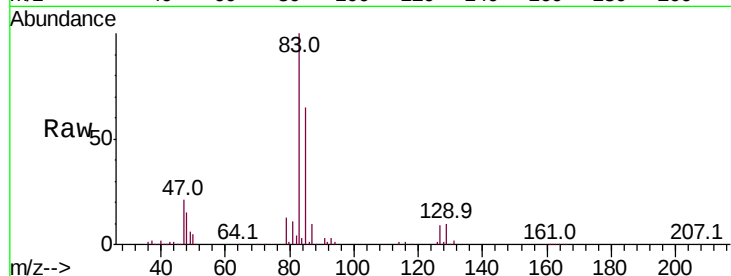
Tot Ion: 83 Resp: 323234

Ion Ratio Lower Upper

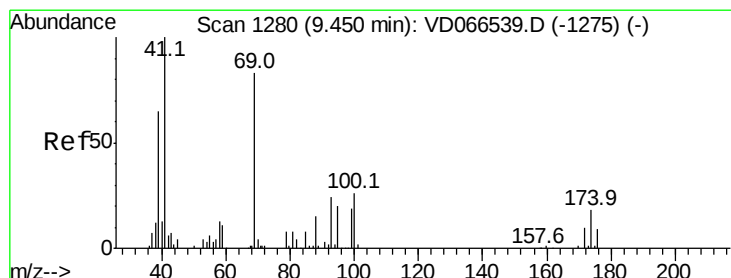
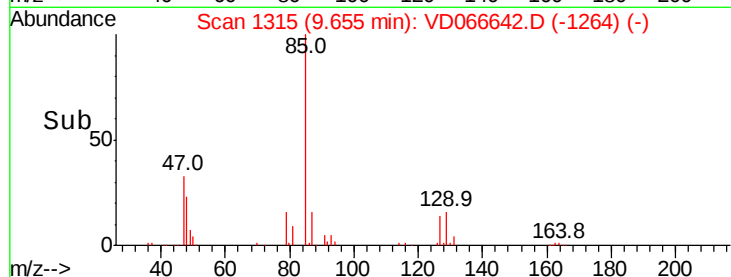
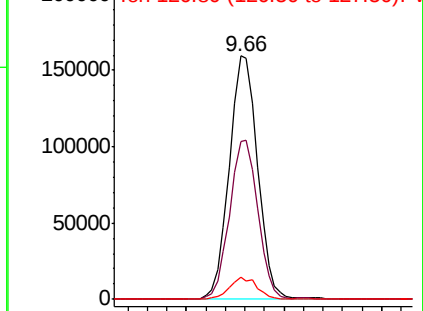
83 100

85 64.6 51.1 76.7

127 9.2 6.9 10.3



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



#48

Methyl methacrylate

Concen: 55.571 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

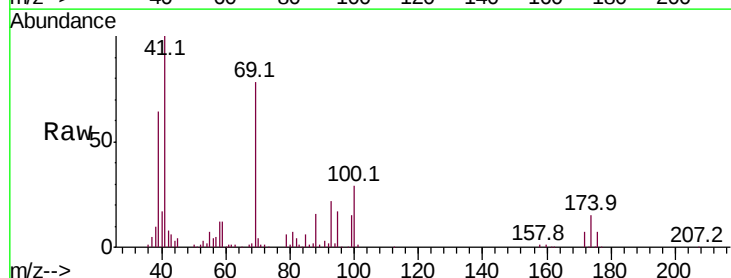
Tgt Ion: 41 Resp: 133555

Ion Ratio Lower Upper

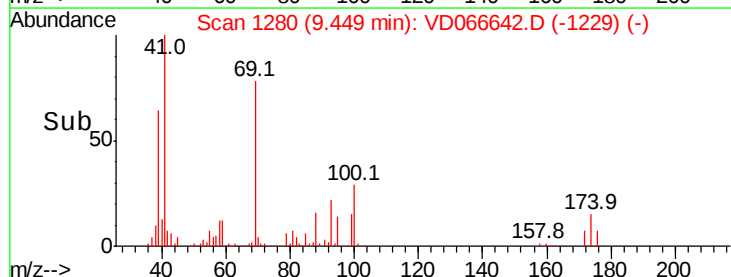
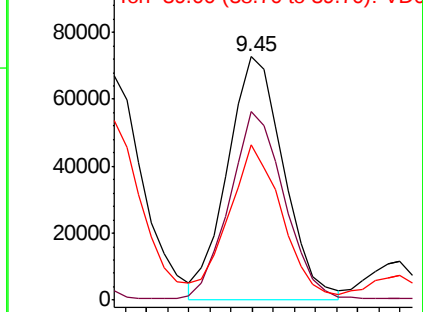
41 100

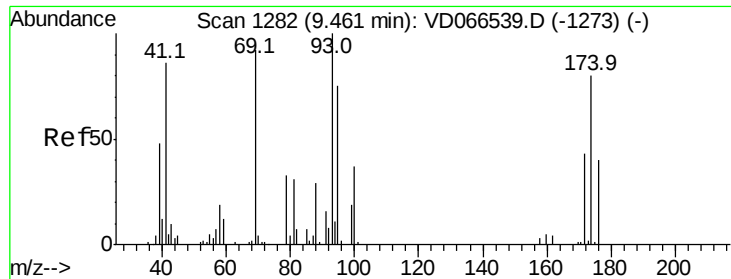
69 77.3 64.5 96.7

39 56.0 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

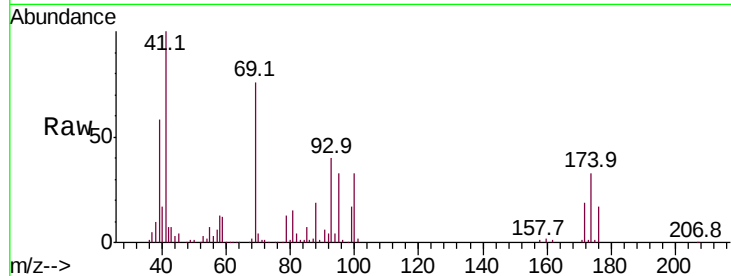




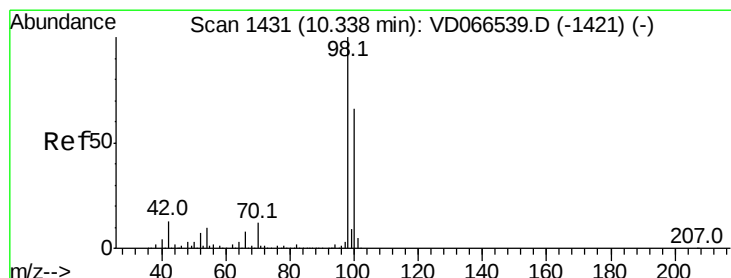
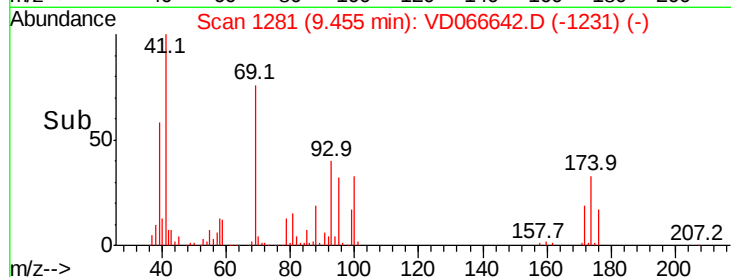
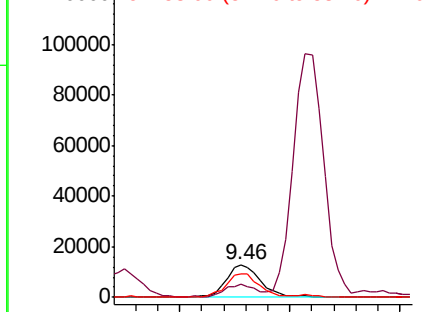
#49
 1,4-Dioxane
 Concen: 1076.868 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 88 Resp: 27961
 Ion Ratio Lower Upper
 88 100
 43 35.6 28.3 42.5
 58 68.4 56.1 84.1

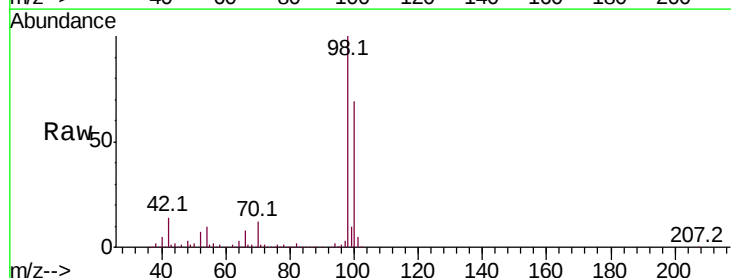


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

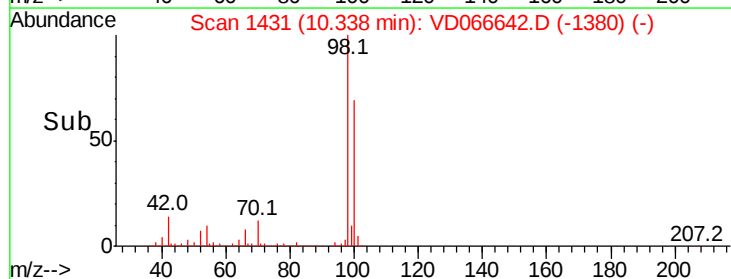
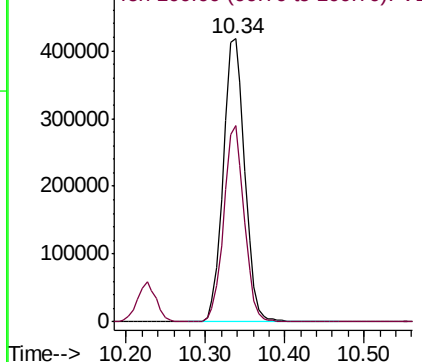


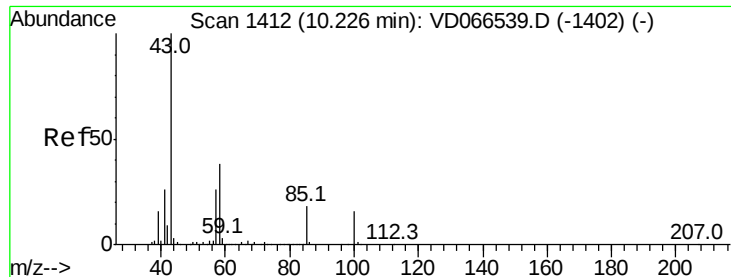
#50
 Toluene-d8
 Concen: 54.366 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion: 98 Resp: 784529
 Ion Ratio Lower Upper
 98 100
 100 65.7 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: 276.090 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

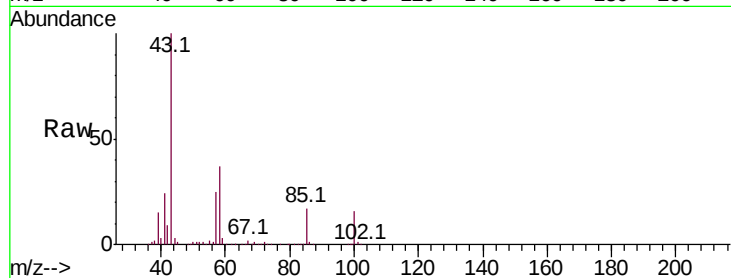
ClientSampled :

Tot Ion: 43 Resp: 661794

Ion Ratio Lower Upper

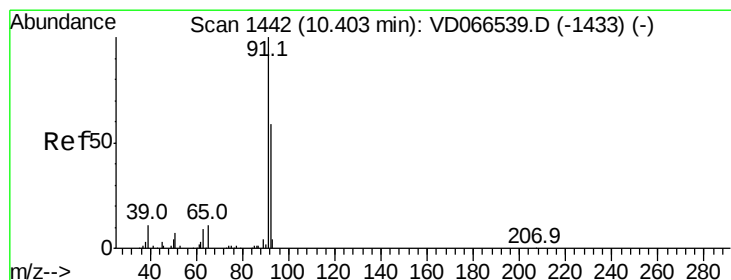
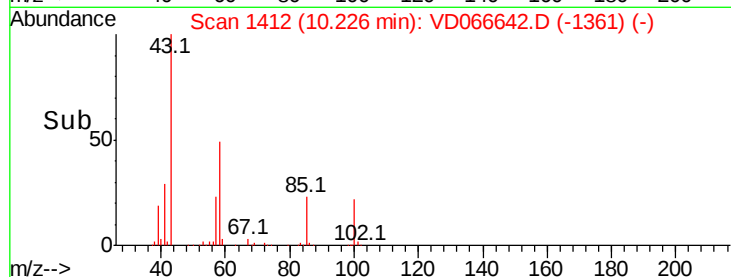
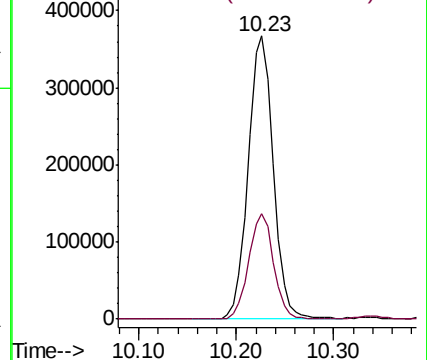
43 100

58 36.8 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 53.387 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066642.D

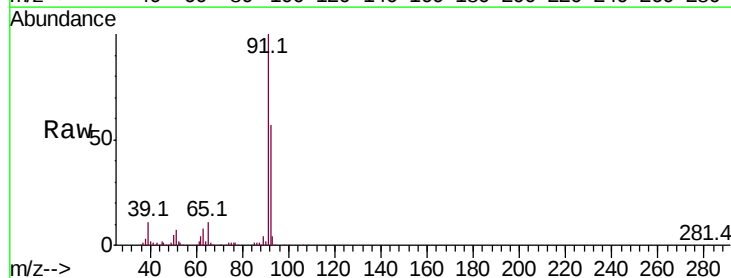
Acq: 11 Sep 2020 12:19

Tgt Ion: 92 Resp: 576472

Ion Ratio Lower Upper

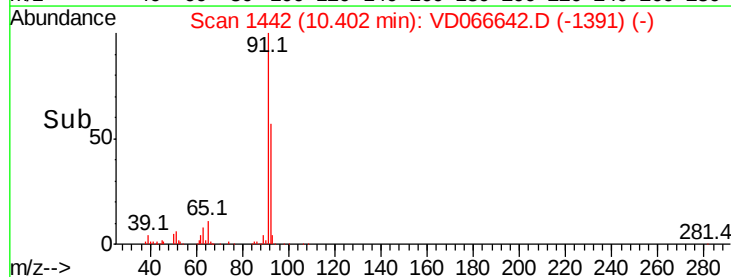
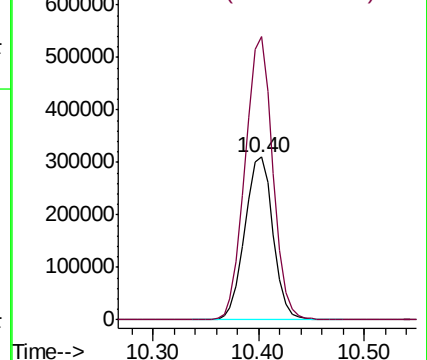
92 100

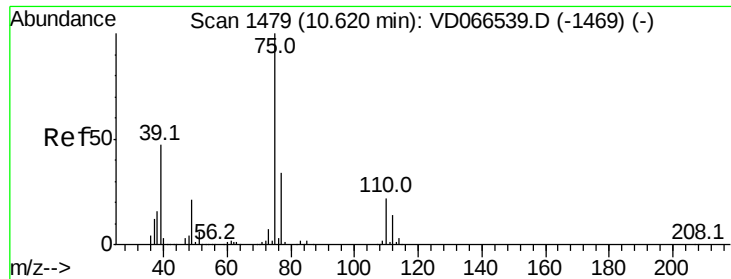
91 171.1 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 53.866 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

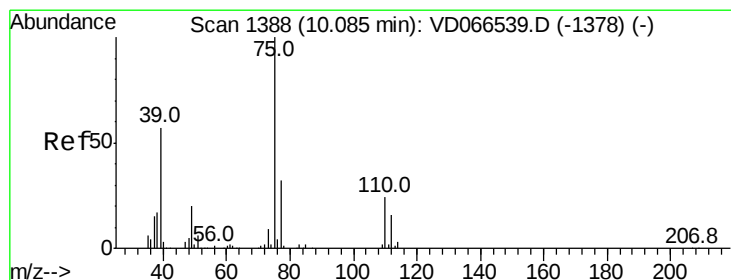
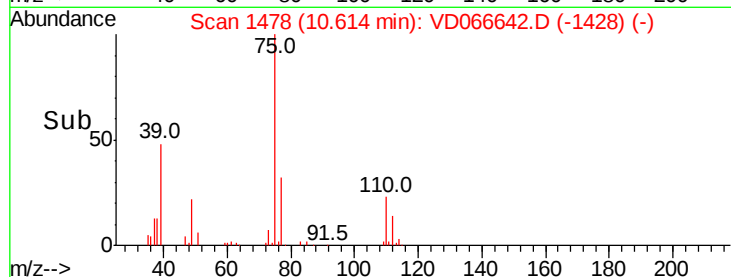
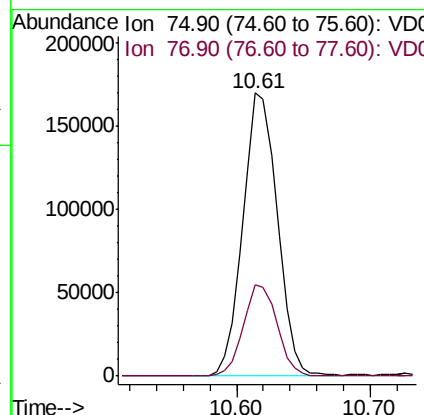
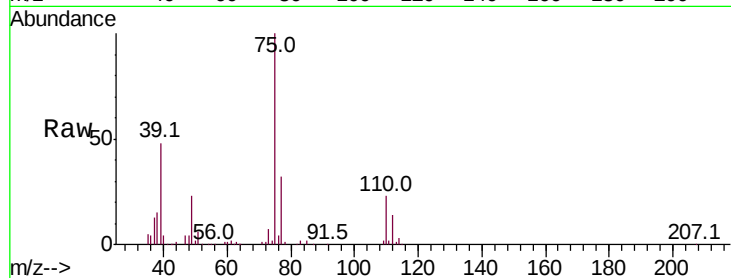
Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 304487

Ion	Ratio	Lower	Upper
75	100		
77	32.2	27.4	41.2



#54

cis-1,3-Dichloropropene

Concen: 52.658 ug/l

RT: 10.08 min Scan# 1388

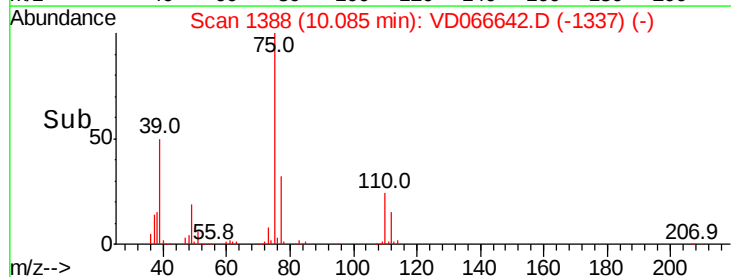
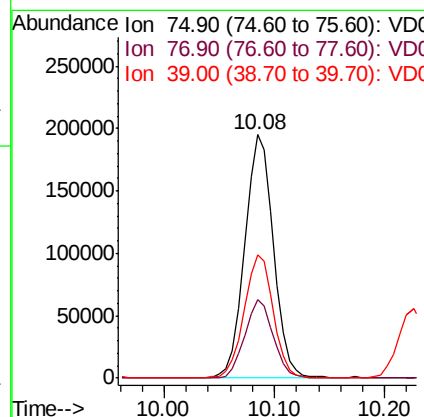
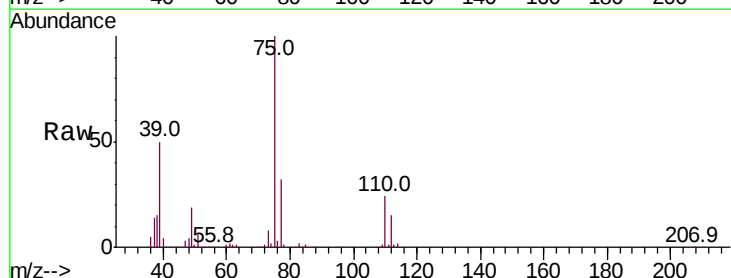
Delta R.T. -0.00 min

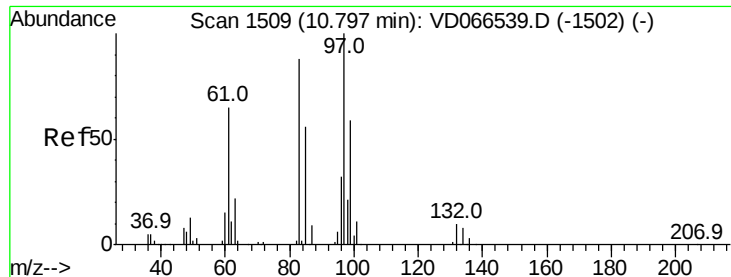
Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion: 75 Resp: 357453

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.4	38.0
39	50.3	45.4	68.0





#55

1,1,2-Trichloroethane

Concen: 53.455 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 97 Resp: 162666

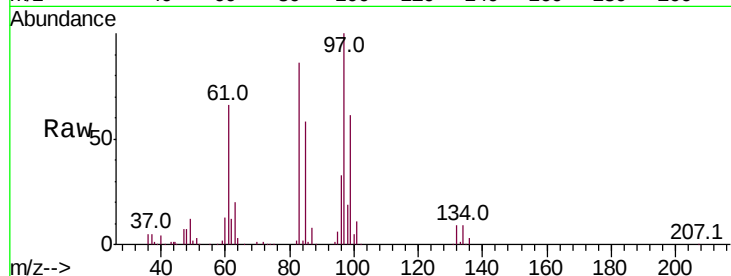
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.1	105.1
85	58.4	44.5	66.7
99	61.5	47.1	70.7

97 100

83 85.7 70.1 105.1

85 58.4 44.5 66.7

99 61.5 47.1 70.7

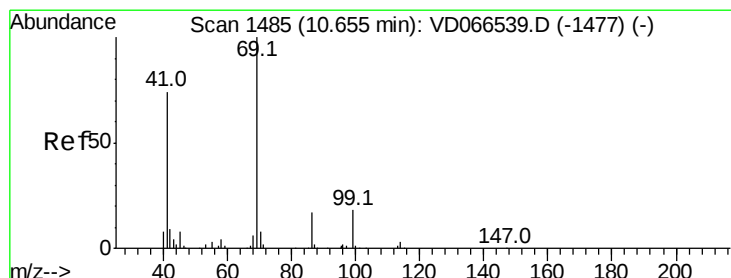
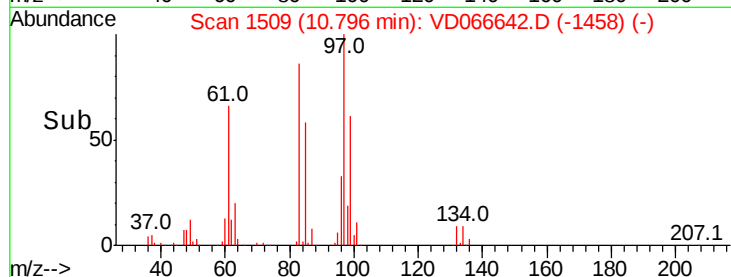
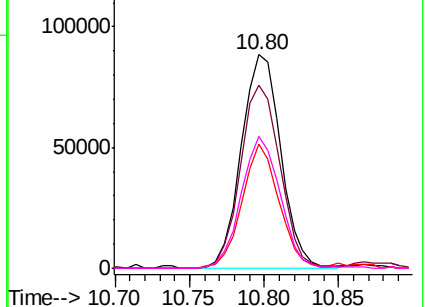


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 56.284 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

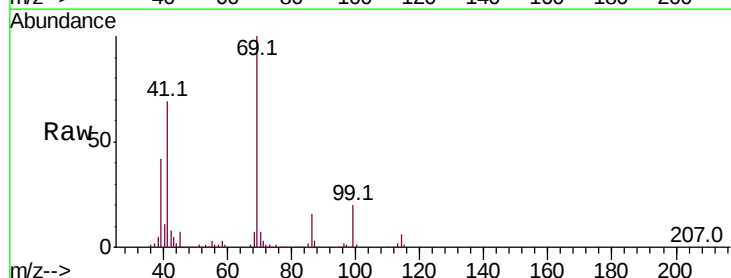
Tgt Ion: 69 Resp: 199422

Ion	Ratio	Lower	Upper
69	100		
41	72.3	56.8	85.2
39	41.4	30.6	46.0

69 100

41 72.3 56.8 85.2

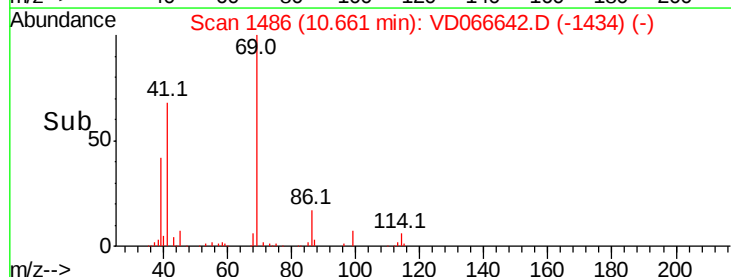
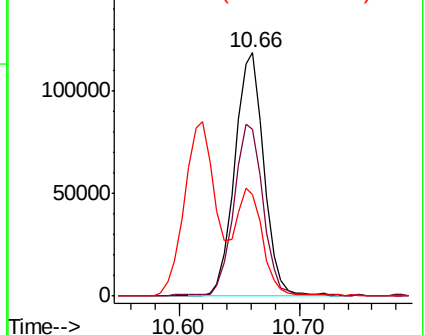
39 41.4 30.6 46.0

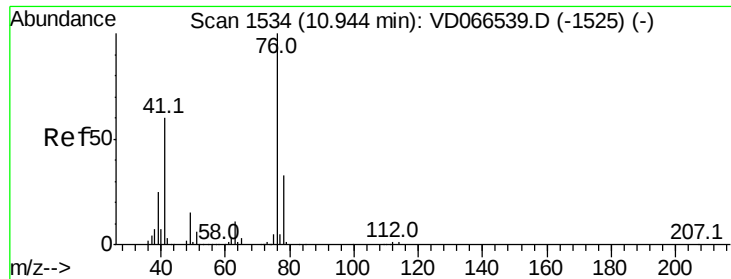


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 53.573 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

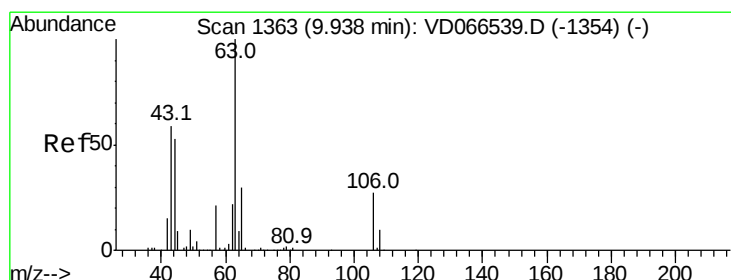
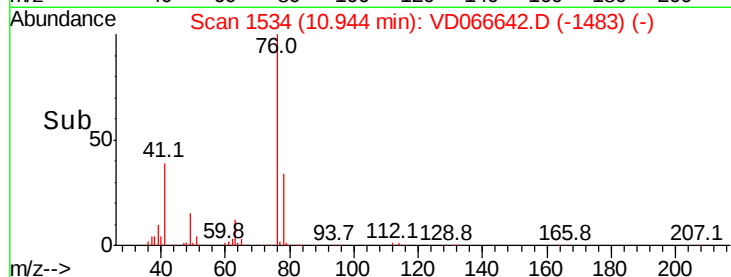
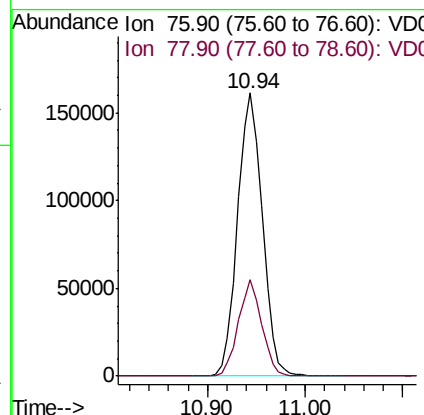
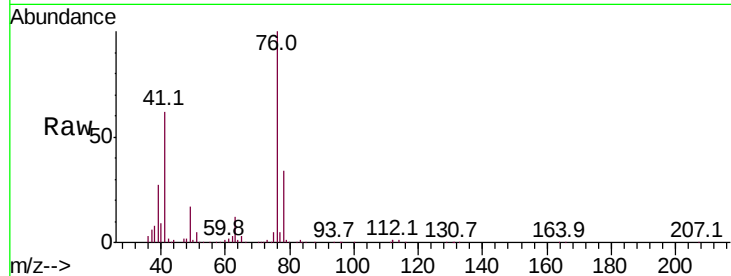
Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 76 Resp: 285549

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 262.474 ug/l

RT: 9.94 min Scan# 1363

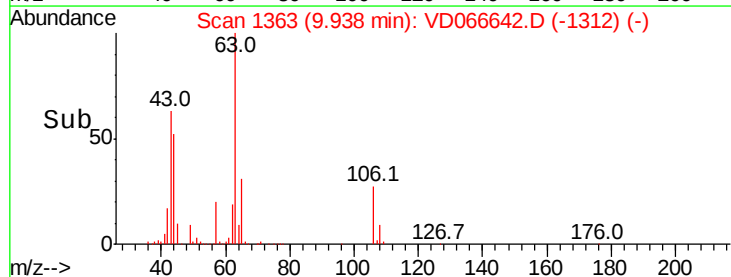
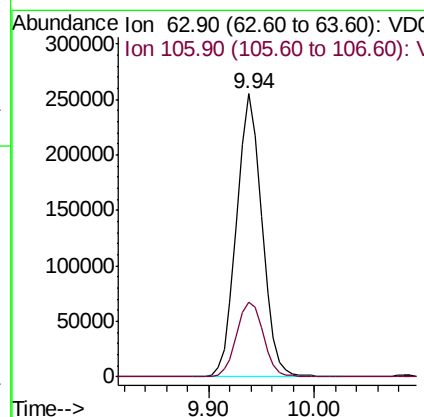
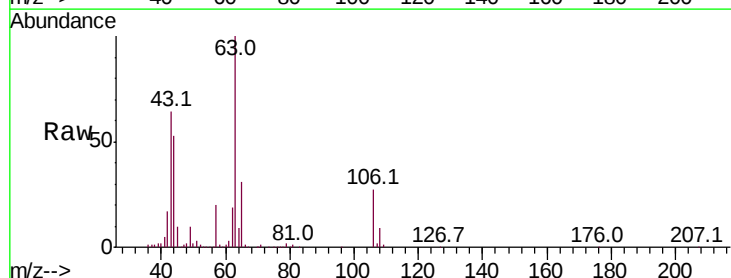
Delta R.T. -0.00 min

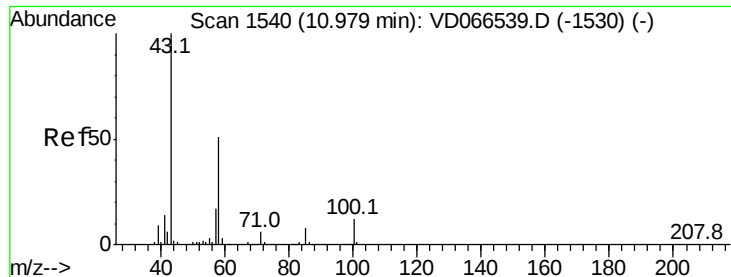
Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion: 63 Resp: 425370

Ion	Ratio	Lower	Upper
63	100		
106	27.8	22.0	33.0

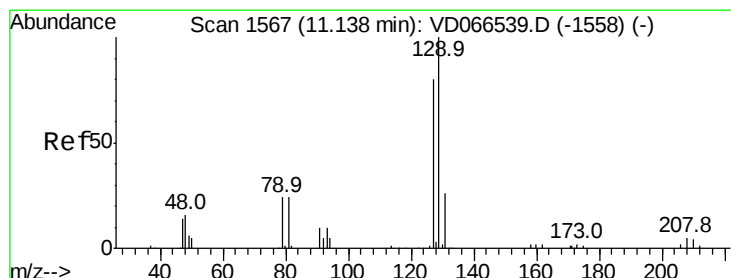
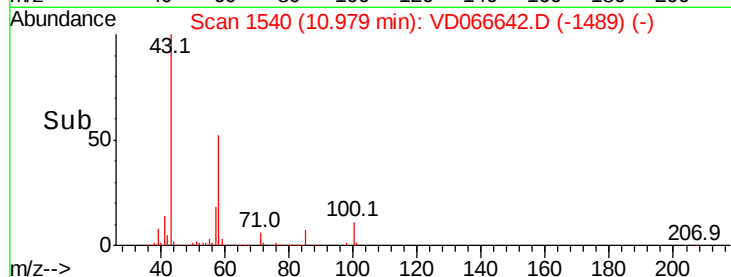
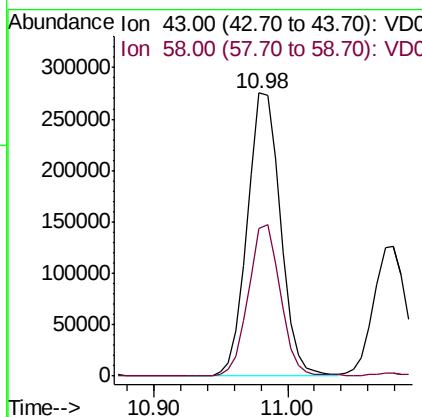
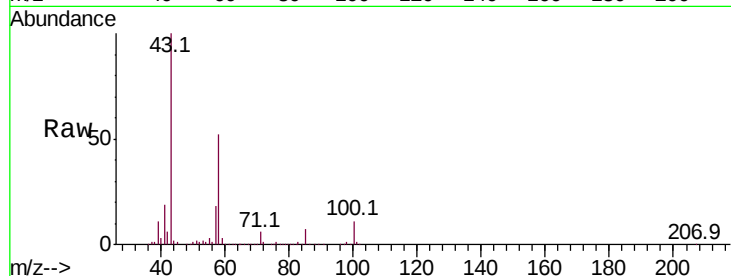




#59
2-Hexanone
Concen: 292.790 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

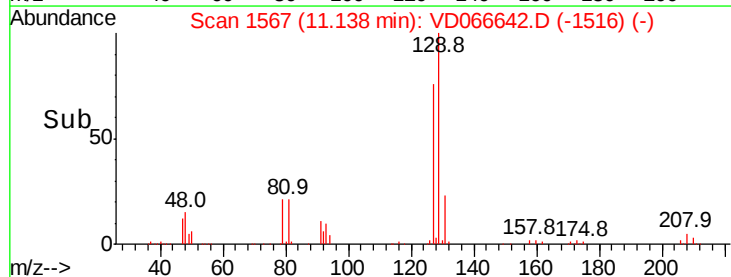
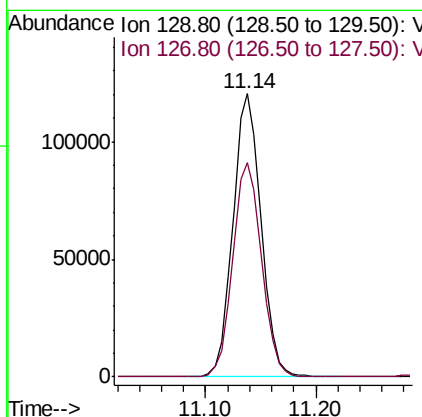
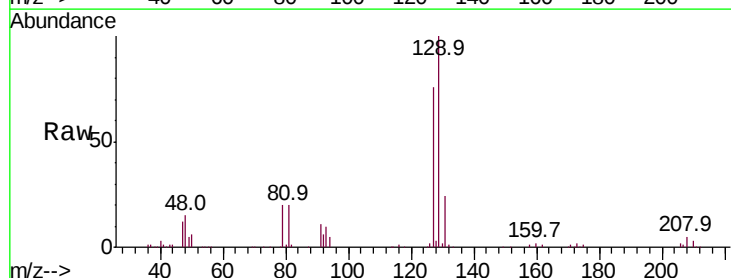
Instrument :
MSVOA_D
ClientSampled :

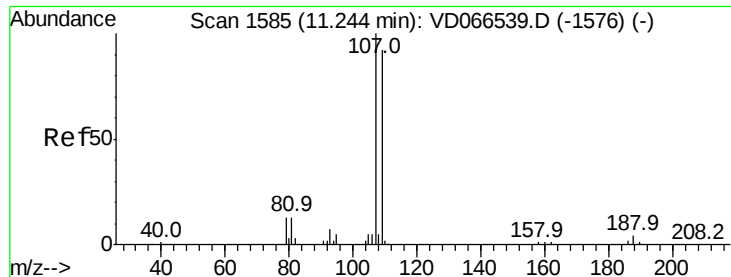
Tot Ion: 43 Resp: 471964
Ion Ratio Lower Upper
43 100
58 51.9 25.6 76.8



#60
Dibromochloromethane
Concen: 53.528 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion: 129 Resp: 215399
Ion Ratio Lower Upper
129 100
127 77.4 39.5 118.3





#61

1,2-Dibromoethane

Concen: 52.595 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

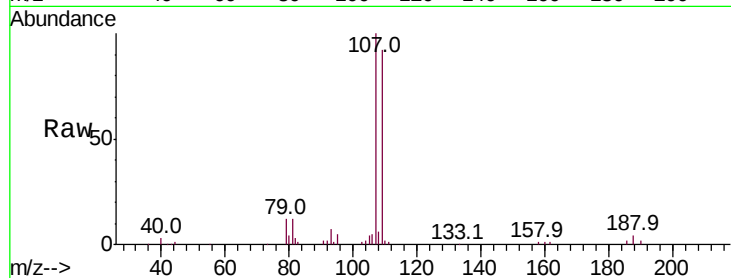
ClientSampled :

Tot Ion:107 Resp: 155710

Ion Ratio Lower Upper

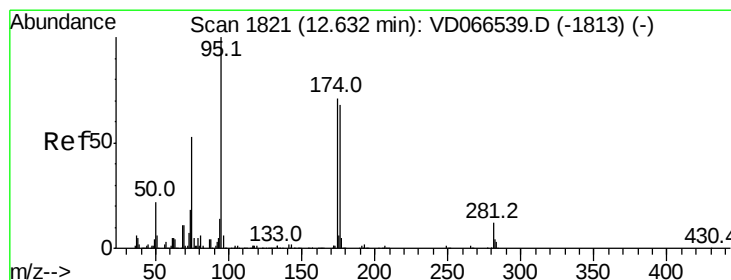
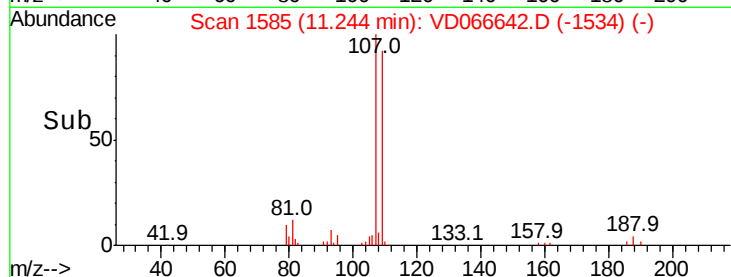
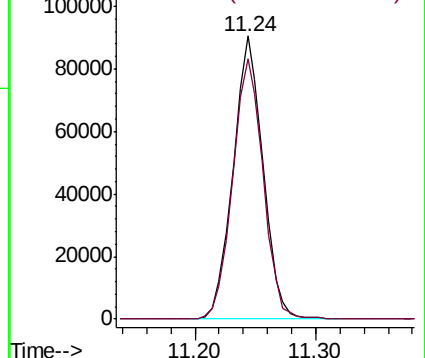
107 100

109 93.9 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.287 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

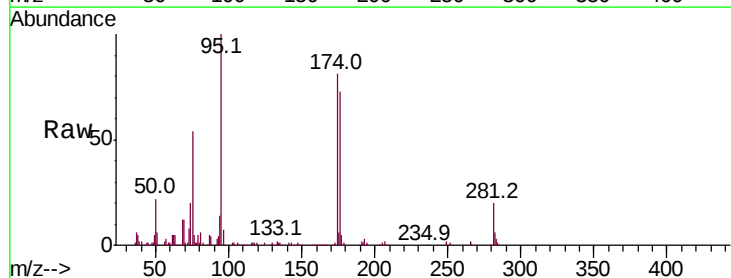
Tgt Ion: 95 Resp: 259760

Ion Ratio Lower Upper

95 100

174 77.9 0.0 155.8

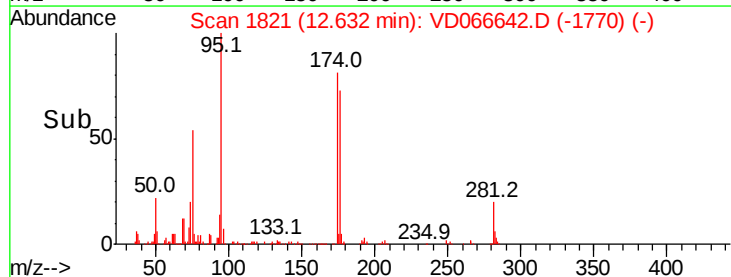
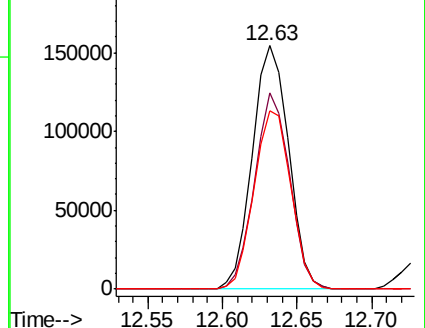
176 74.4 0.0 148.6

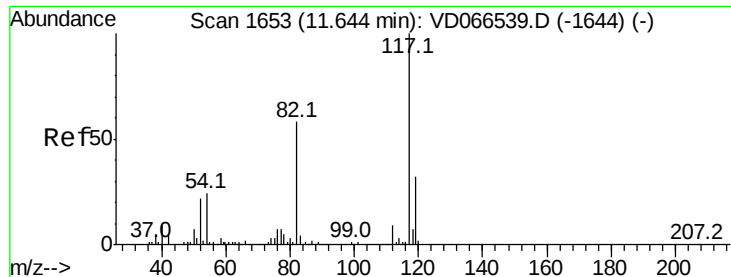


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

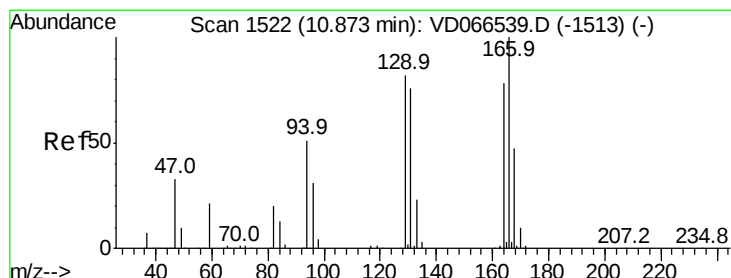
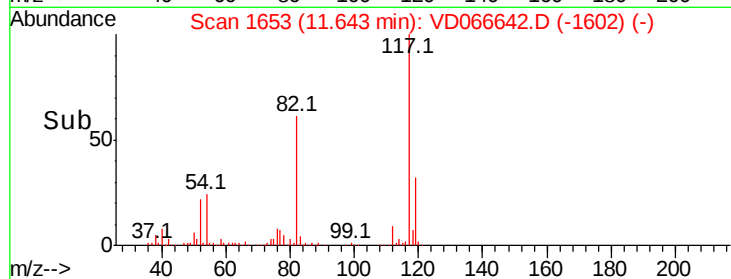
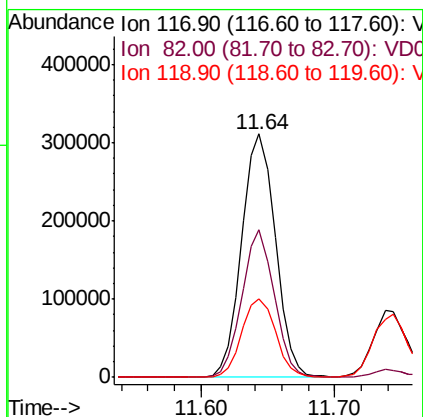
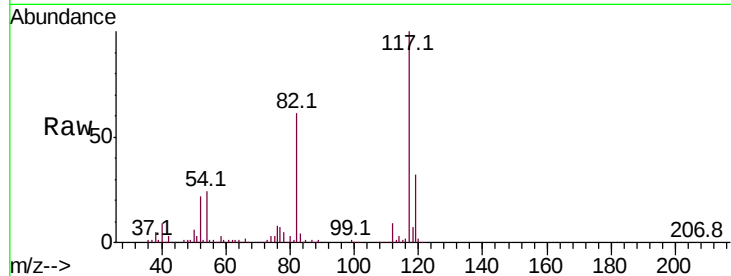




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

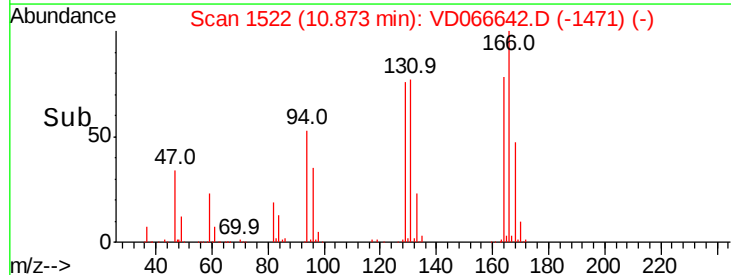
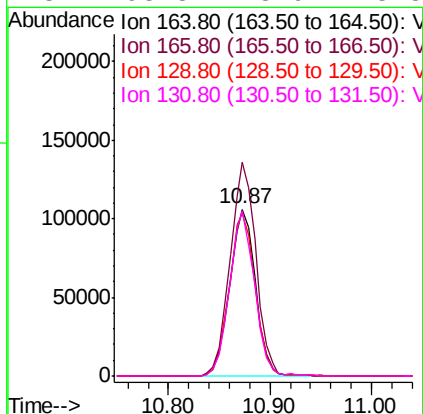
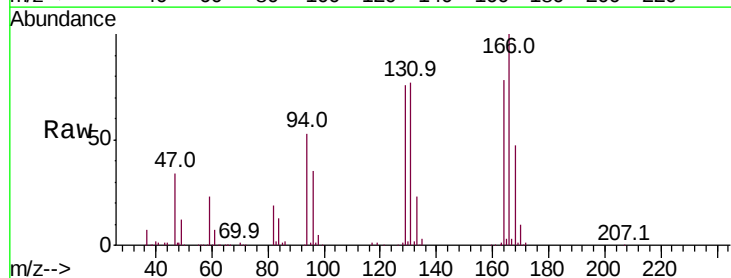
Instrument :
MSVOA_D
ClientSampleId :

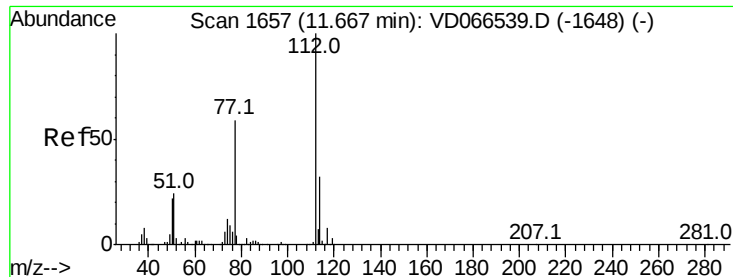
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.8	46.2	69.2
119	32.3	25.8	38.8



#64
Tetrachloroethene
Concen: 50.971 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	103.2	154.8
129	97.9	84.5	126.7
131	98.8	78.9	118.3





#65

Chlorobenzene

Concen: 52.342 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

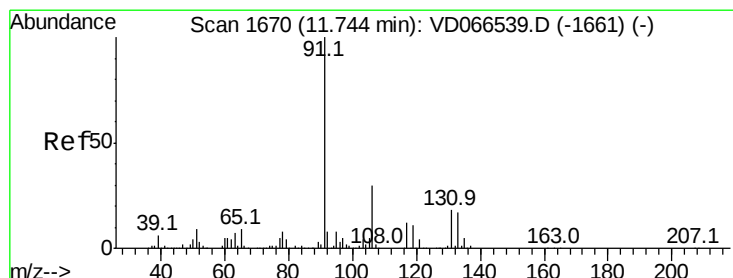
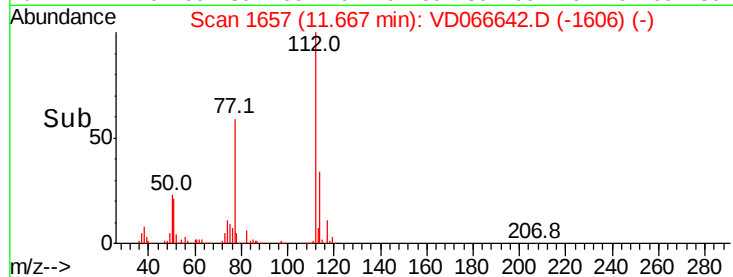
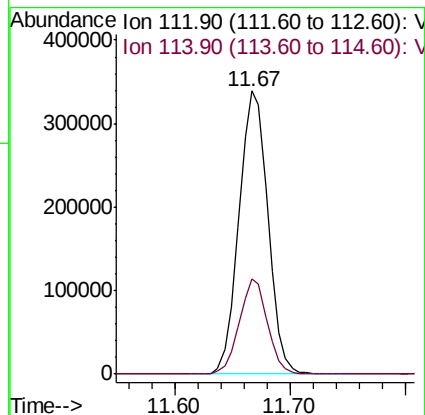
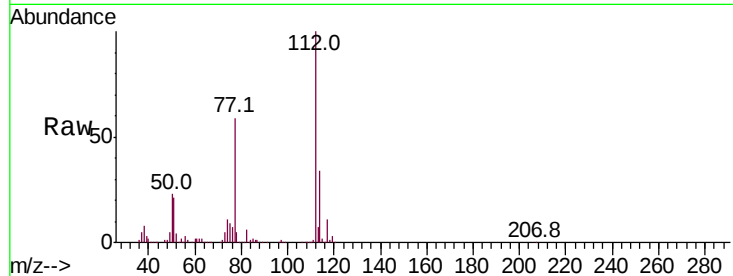
ClientSampleId :

Tot Ion:112 Resp: 588912

Ion Ratio Lower Upper

112 100

114 33.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 51.611 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

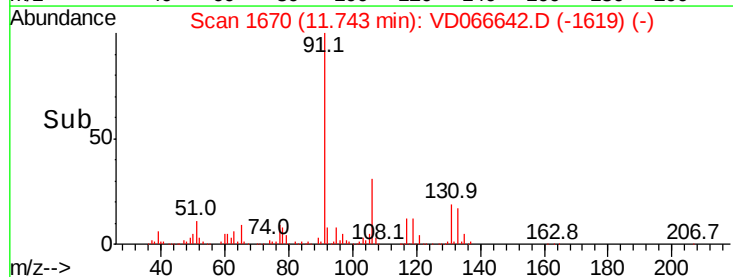
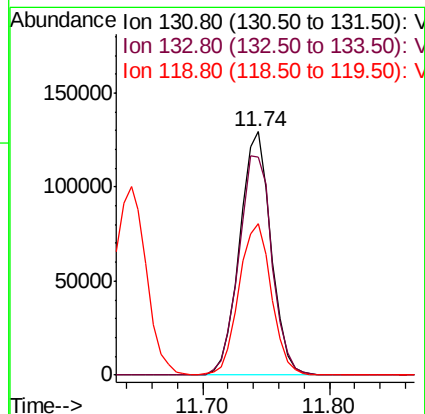
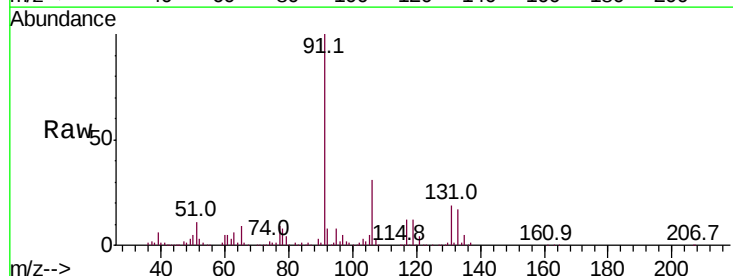
Tgt Ion:131 Resp: 221620

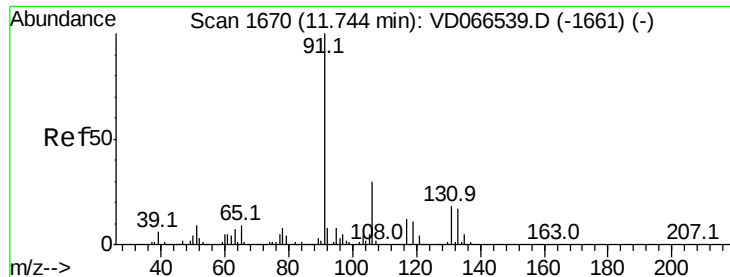
Ion Ratio Lower Upper

131 100

133 95.6 46.7 140.0

119 64.5 31.9 95.7





#67

Ethyl Benzene

Concen: 53.364 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

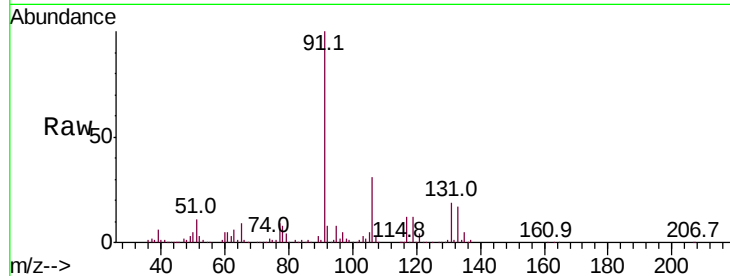
ClientSampleId :

Tot Ion: 91 Resp: 1102448

Ion Ratio Lower Upper

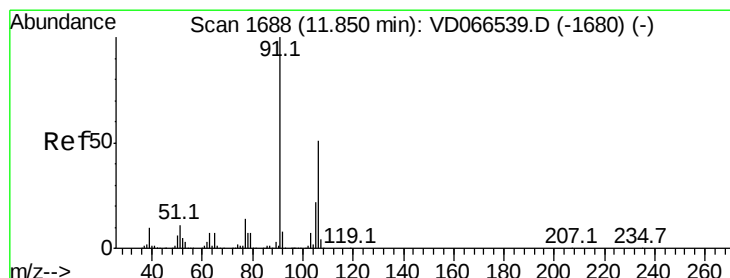
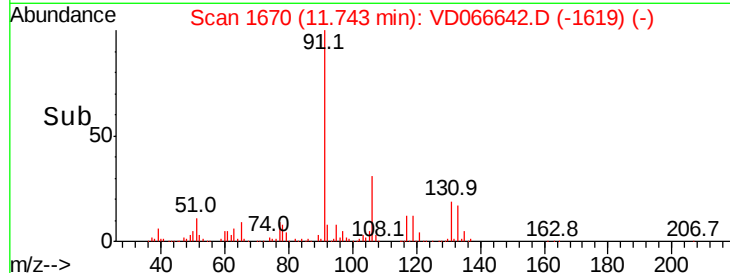
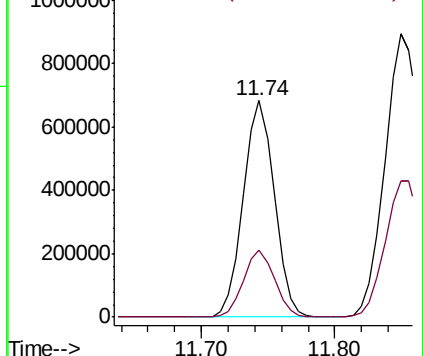
91 100

106 30.9 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VD066539.D

Ion 106.00 (105.70 to 106.70): VD066539.D



#68

m/p-Xylenes

Concen: 108.835 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066642.D

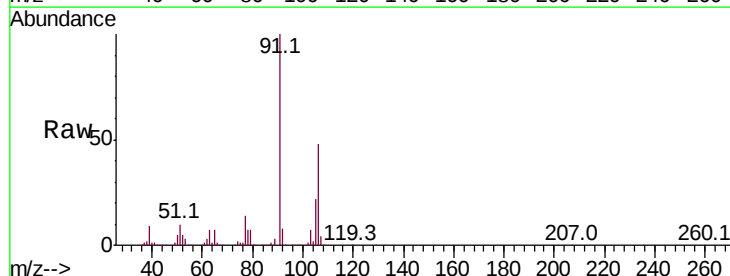
Acq: 11 Sep 2020 12:19

Tgt Ion:106 Resp: 834858

Ion Ratio Lower Upper

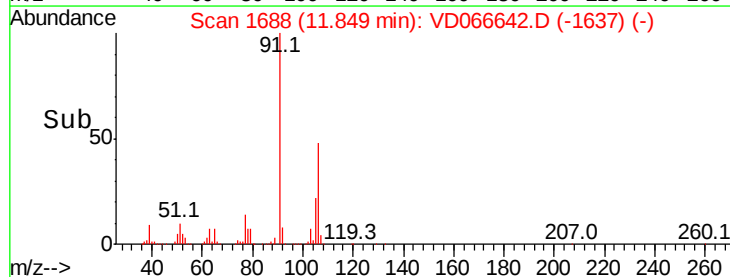
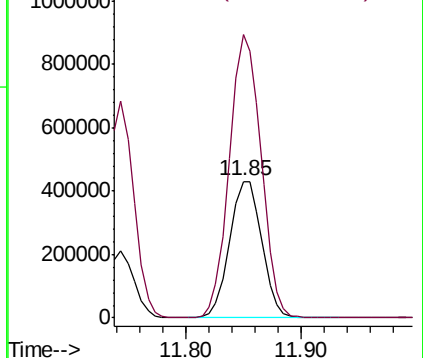
106 100

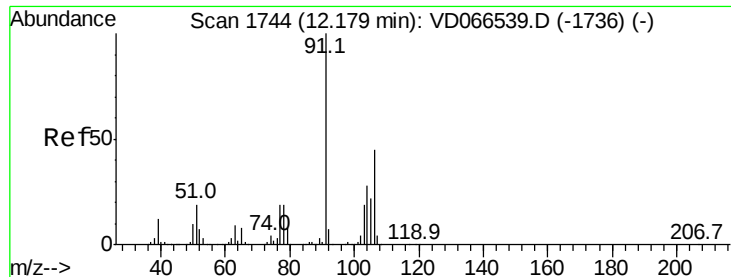
91 204.2 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): VD066539.D

Ion 91.00 (90.70 to 91.70): VD066539.D

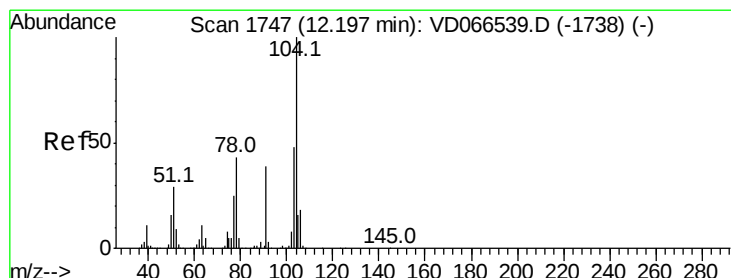
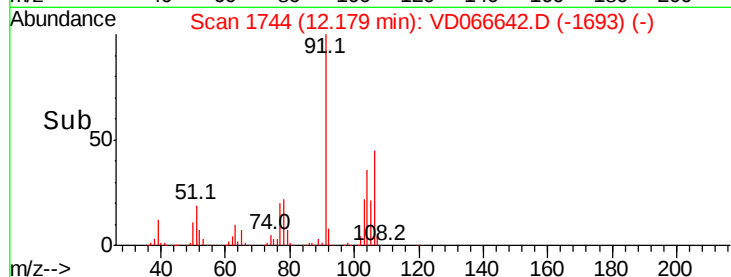
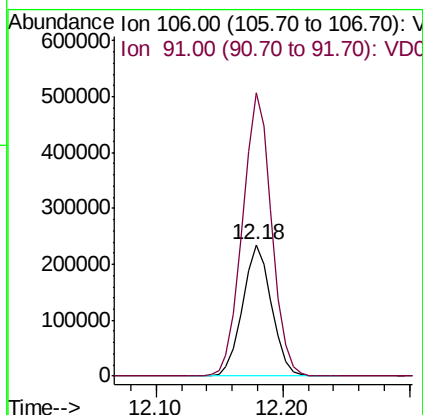
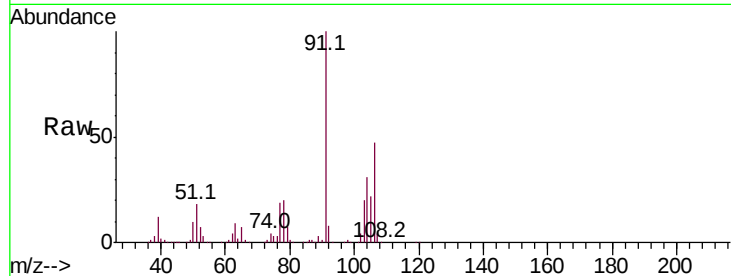




#69
o-Xylene
Concen: 53.921 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

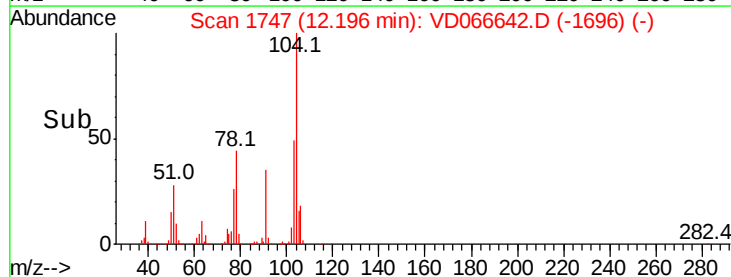
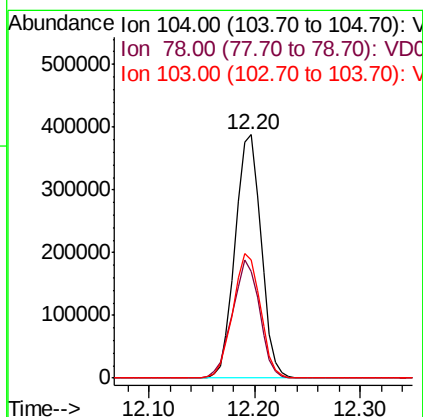
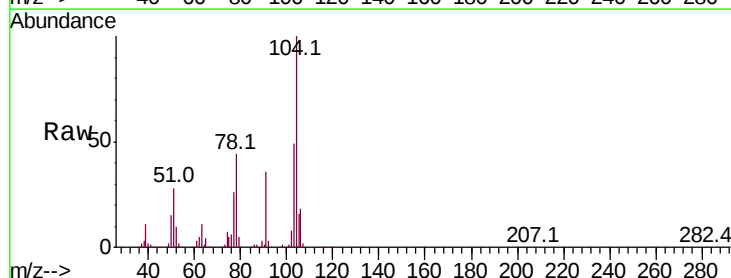
Instrument :
MSVOA_D
ClientSampleID :

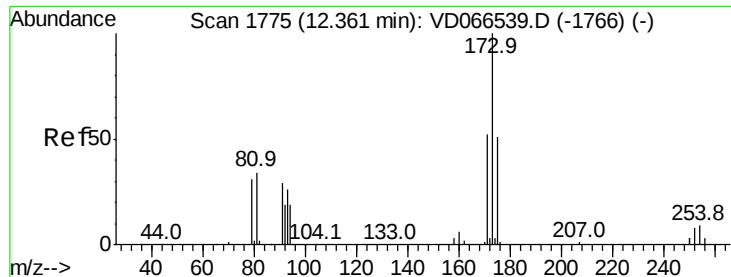
Tot Ion:106 Resp: 370681
Ion Ratio Lower Upper
106 100
91 217.2 107.9 323.8



#70
Styrene
Concen: 55.123 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion:104 Resp: 658800
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 54.2 42.9 64.3





#71

Bromoform

Concen: 51.844 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampled :

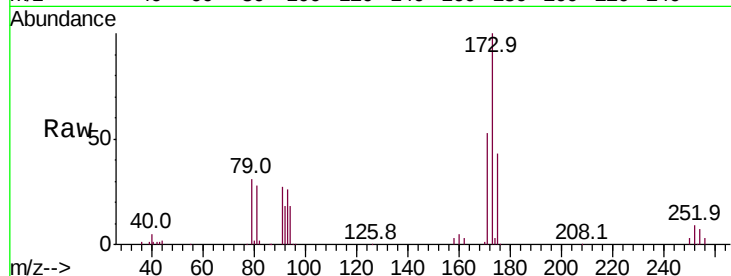
Tot Ion:173 Resp: 112194

Ion Ratio Lower Upper

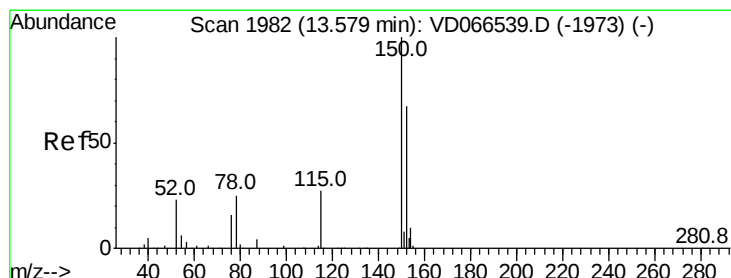
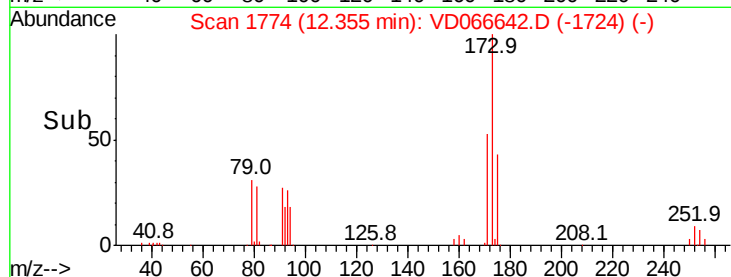
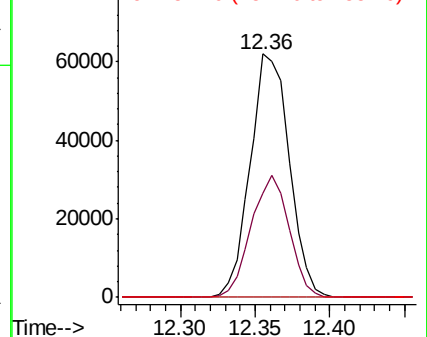
173 100

175 48.7 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: VD066642.D

Acq: 11 Sep 2020 12:19

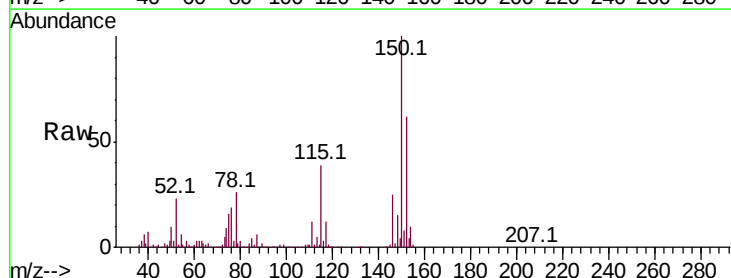
Tgt Ion:152 Resp: 254836

Ion Ratio Lower Upper

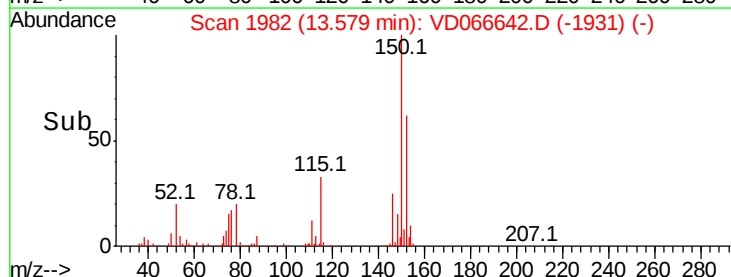
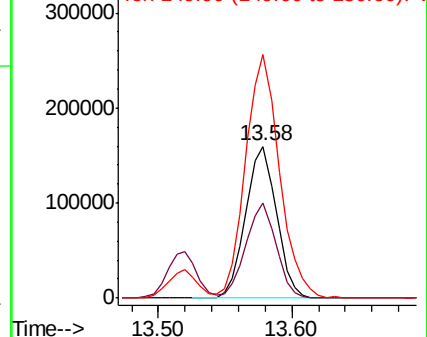
152 100

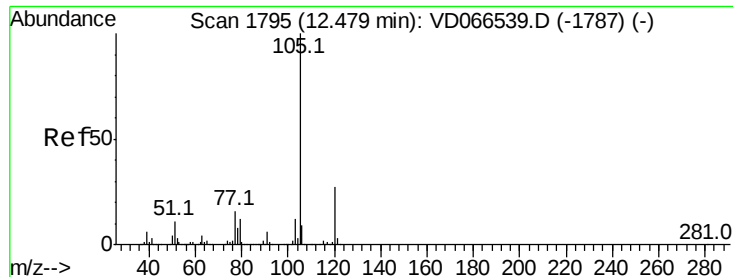
115 61.7 30.4 91.2

150 176.1 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: 56.141 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

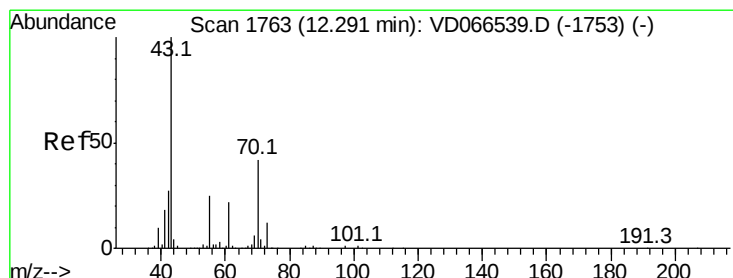
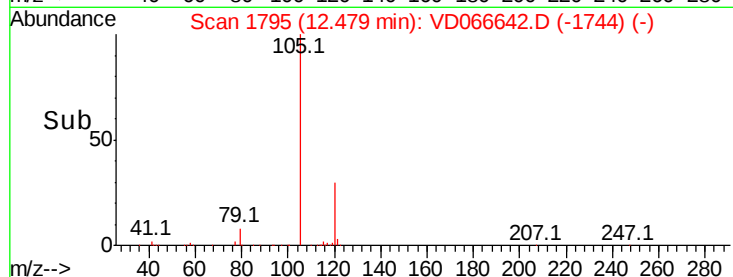
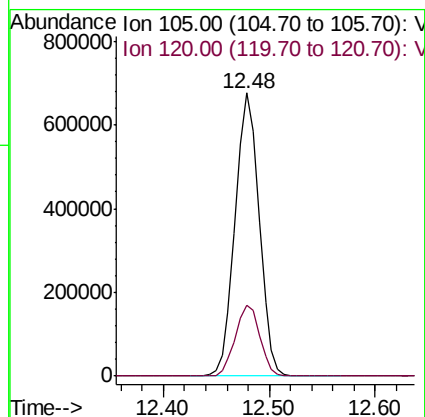
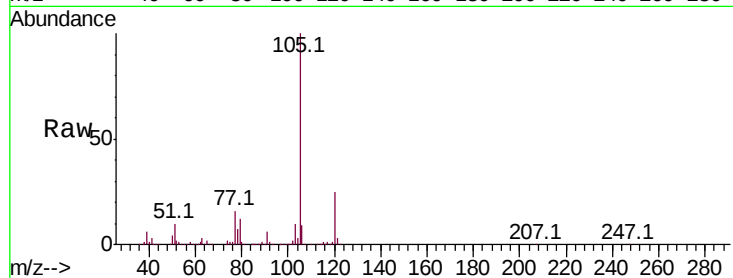
ClientSampleId :

Tot Ion:105 Resp: 1059254

Ion Ratio Lower Upper

105 100

120 25.6 13.0 39.0



#74

N-ethyl acetate

Concen: 54.908 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Tgt Ion: 43 Resp: 234638

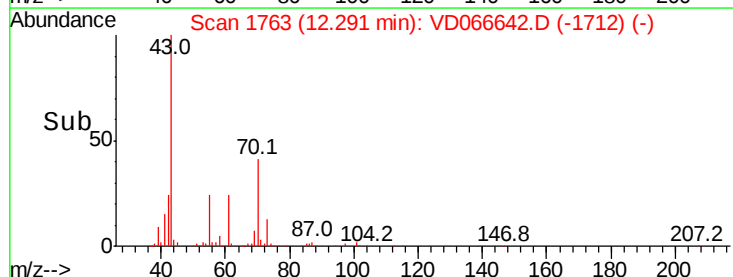
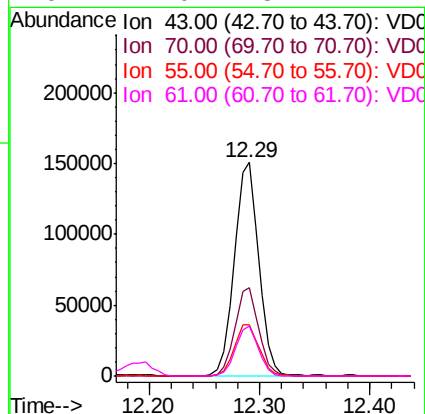
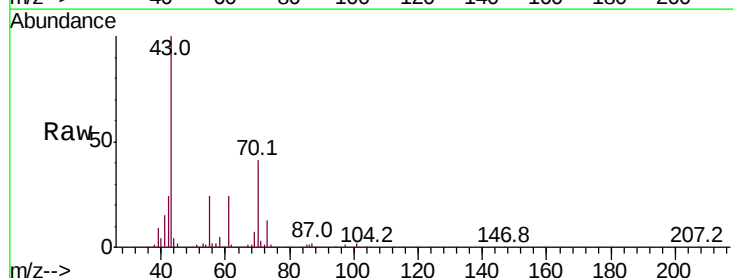
Ion Ratio Lower Upper

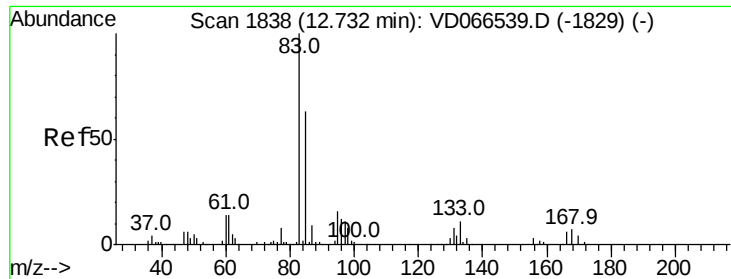
43 100

70 40.4 33.4 50.2

55 24.5 20.1 30.1

61 22.0 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.493 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

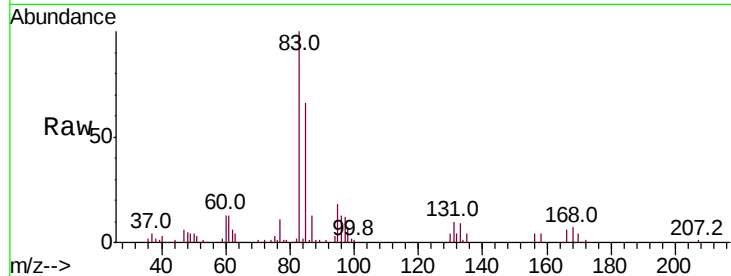
Tot Ion: 83 Resp: 171641

Ion Ratio Lower Upper

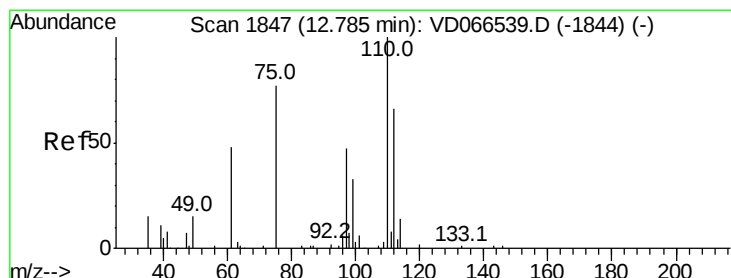
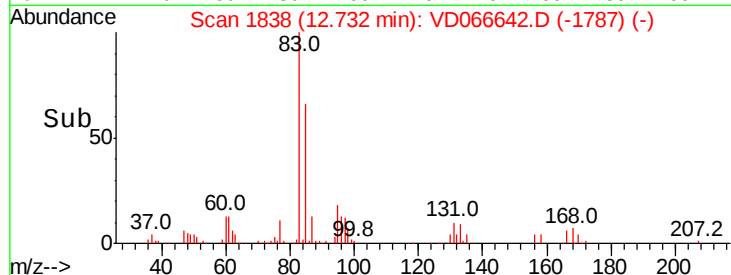
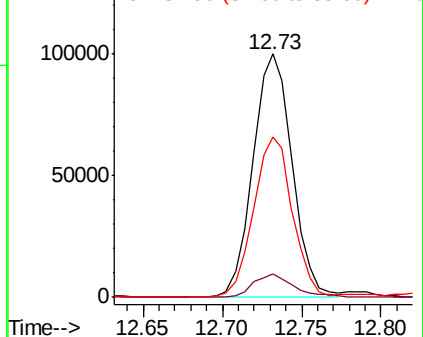
83 100

131 9.9 5.0 15.0

85 65.3 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 95.406 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066642.D

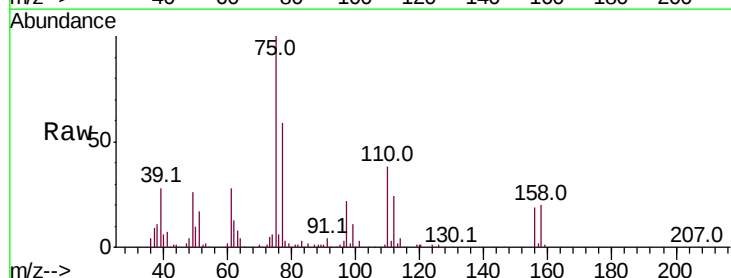
Acq: 11 Sep 2020 12:19

Tgt Ion: 75 Resp: 233826

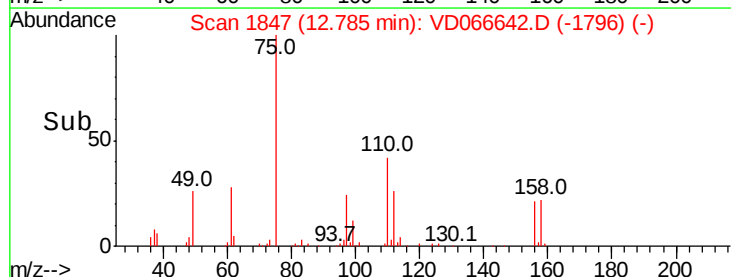
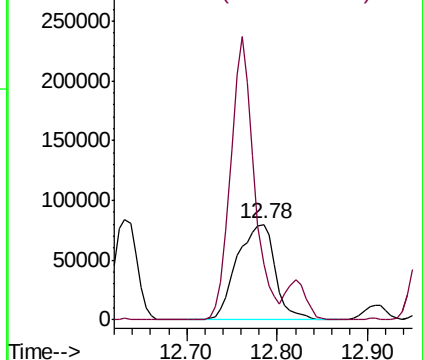
Ion Ratio Lower Upper

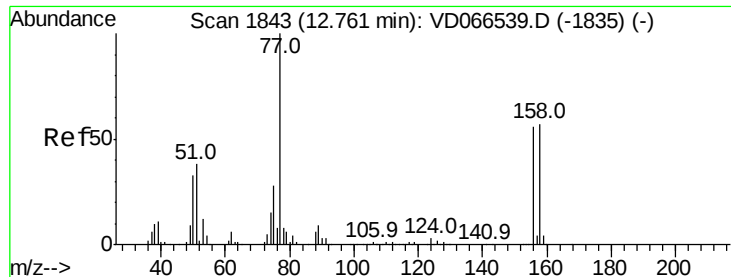
75 100

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: 54.025 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

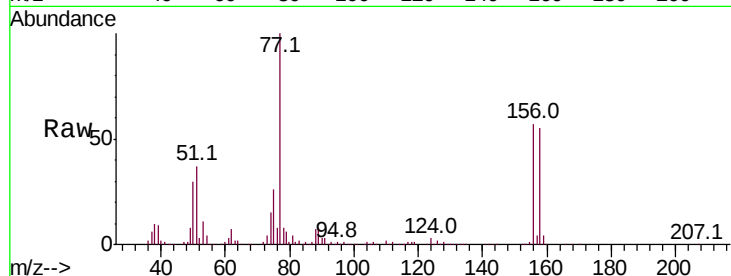
Tot Ion:156 Resp: 227252

Ion Ratio Lower Upper

156 100

77 190.3 98.0 294.1

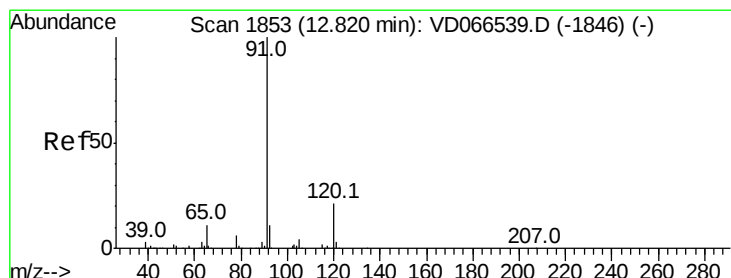
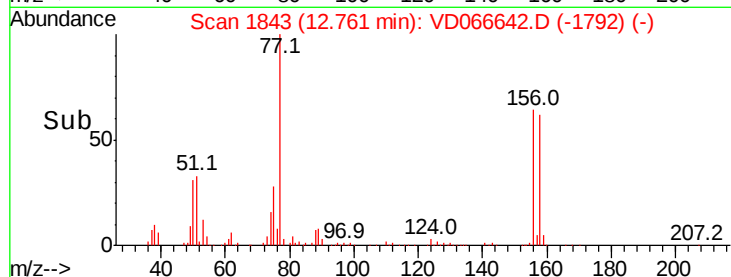
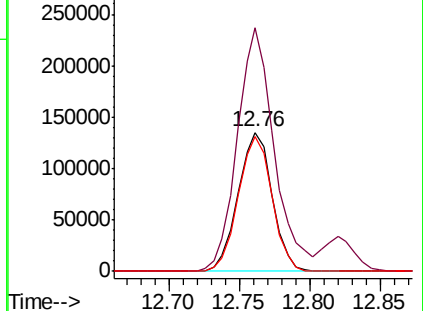
158 96.5 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.689 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066642.D

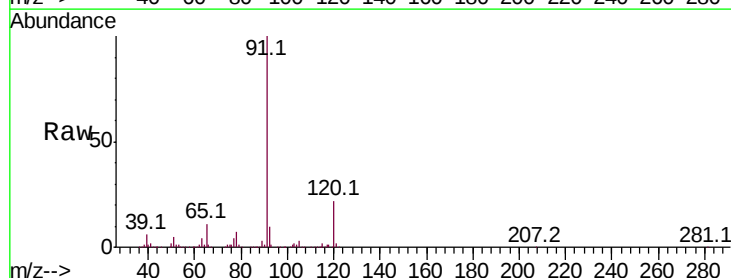
Acq: 11 Sep 2020 12:19

Tgt Ion: 91 Resp: 1273750

Ion Ratio Lower Upper

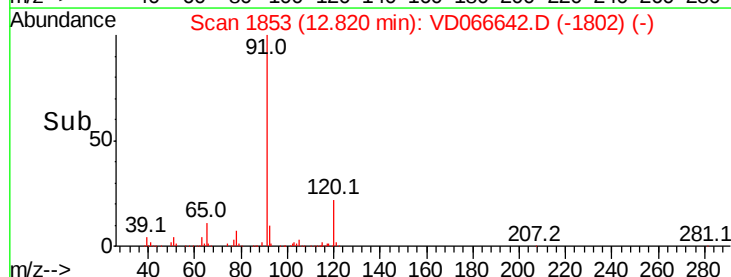
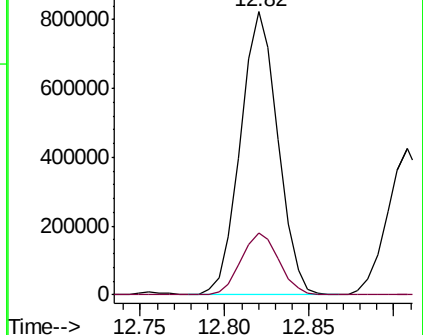
91 100

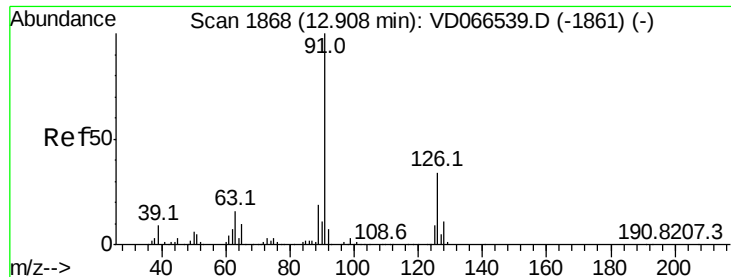
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.902 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

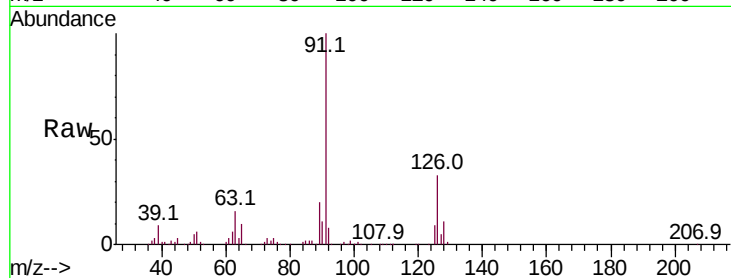
ClientSampled :

Tot Ion: 91 Resp: 691637

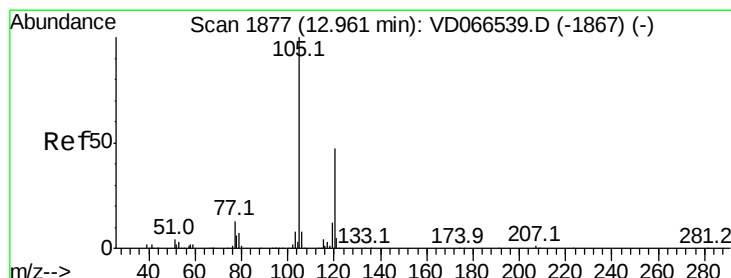
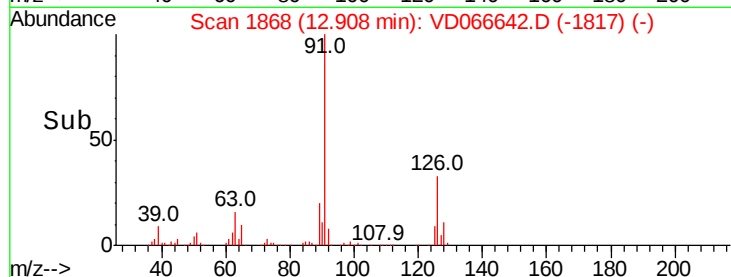
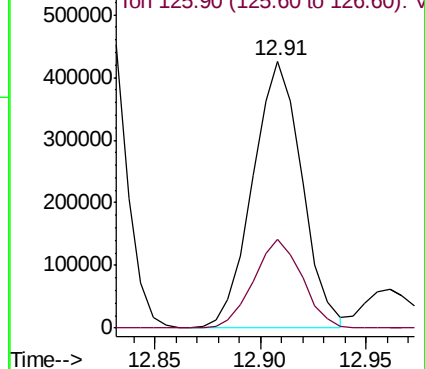
Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 54.753 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066642.D

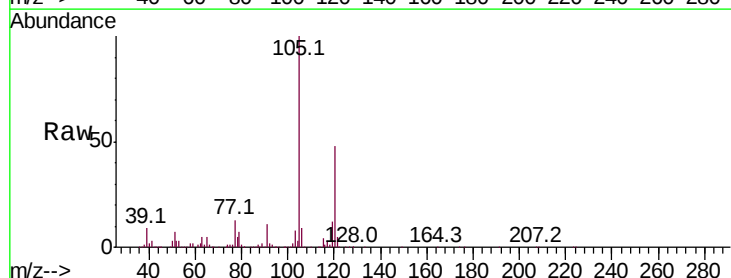
Acq: 11 Sep 2020 12:19

Tgt Ion:105 Resp: 869496

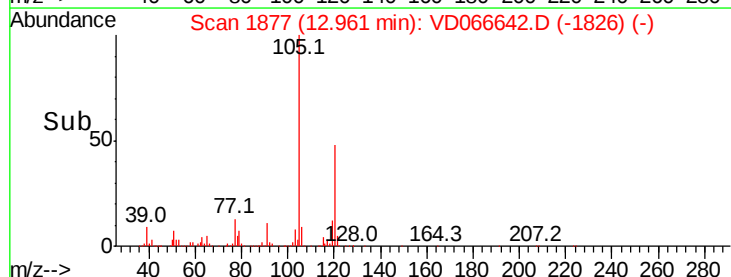
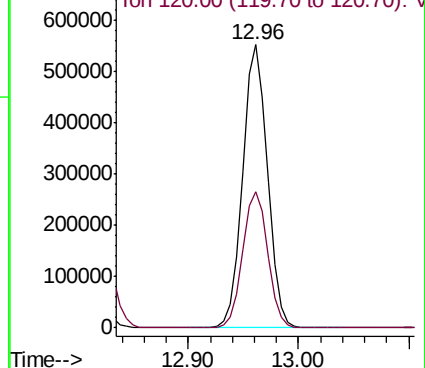
Ion Ratio Lower Upper

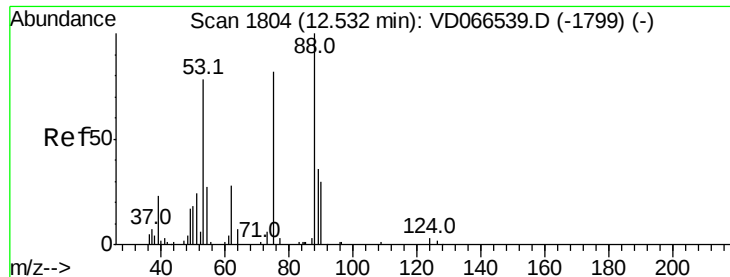
105 100

120 48.6 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

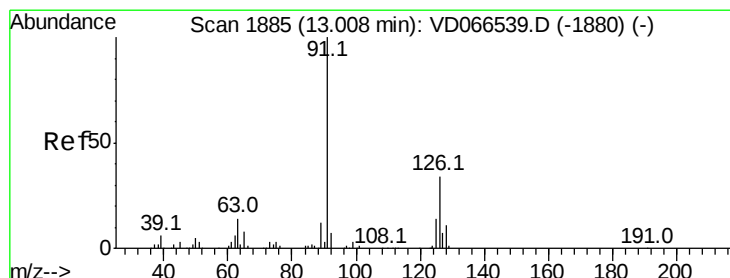
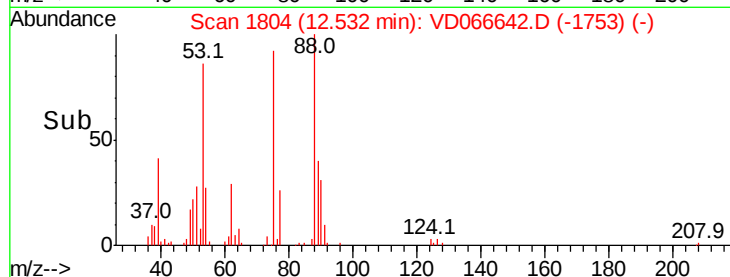
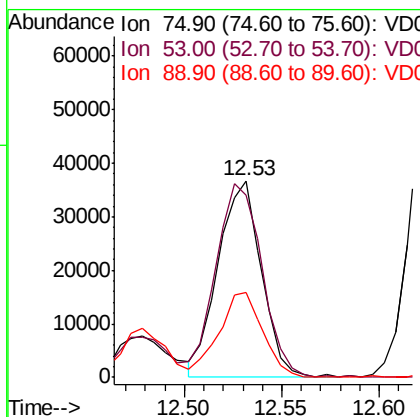
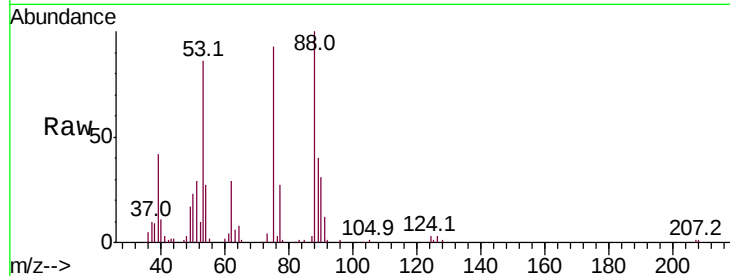




#81
trans-1,4-Dichloro-2-butene
Concen: 53.873 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

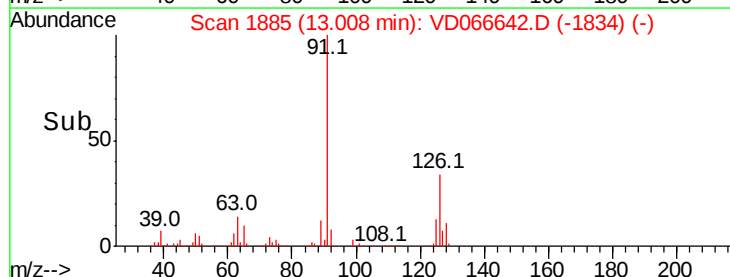
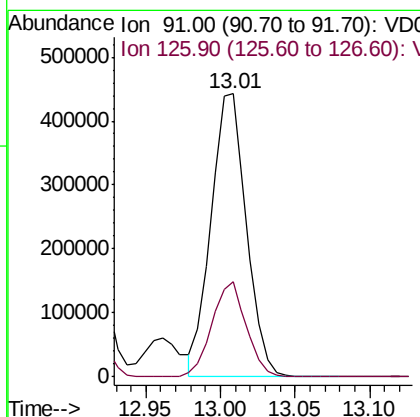
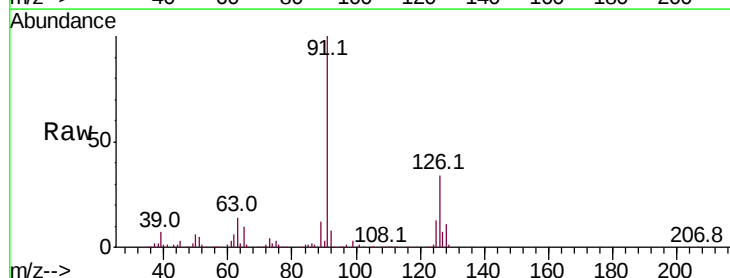
Instrument :
MSVOA_D
ClientSampleId :

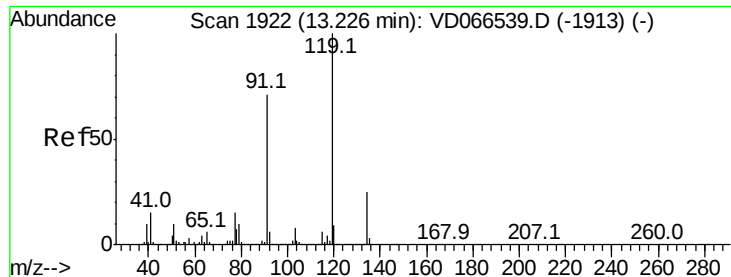
Tot Ion: 75 Resp: 56554
Ion Ratio Lower Upper
75 100
53 106.4 87.0 130.4
89 44.0 37.1 55.7



#82
4-Chlorotoluene
Concen: 53.390 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion: 91 Resp: 732596
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1

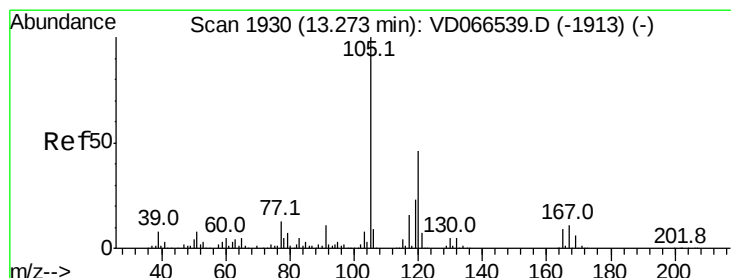
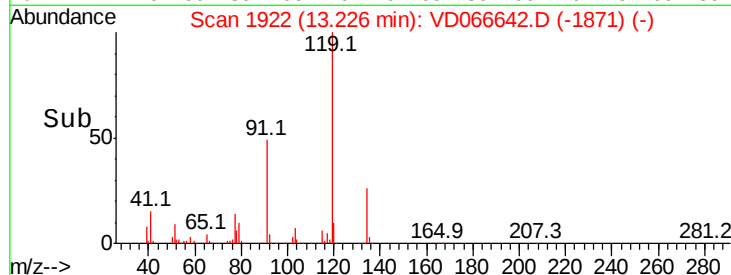
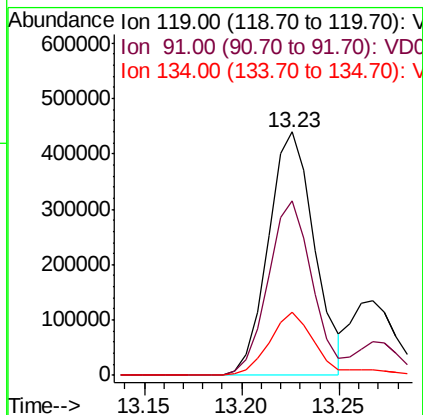
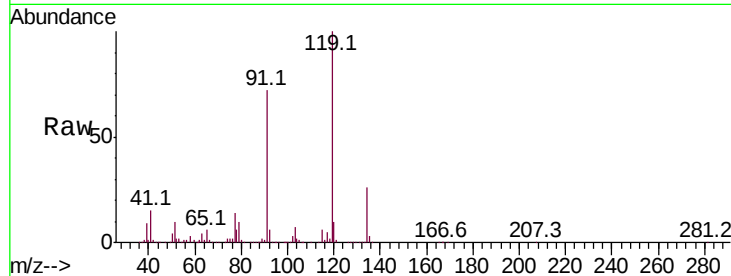




#83
tert-Butylbenzene
Concen: 55.572 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

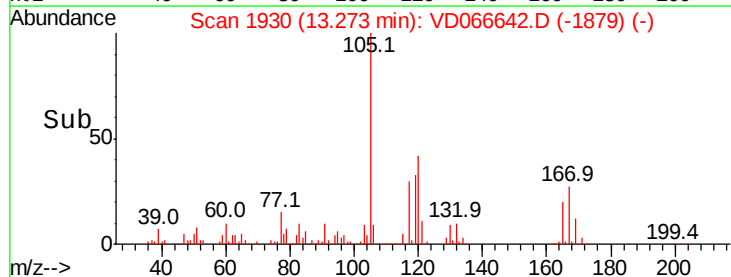
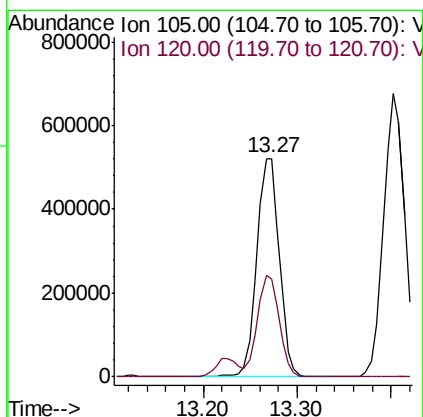
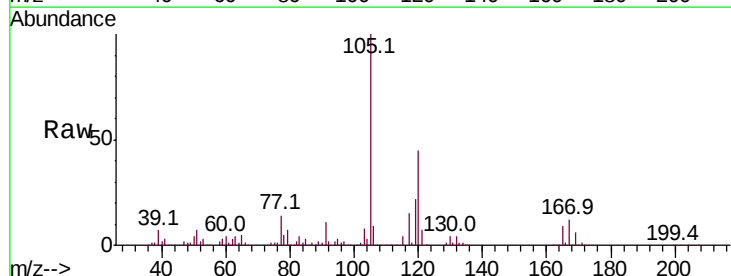
Instrument :
MSVOA_D
ClientSampled :

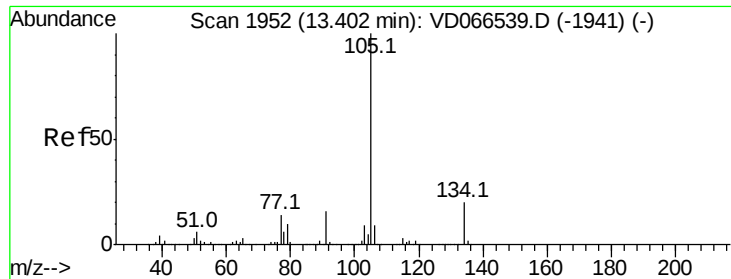
Tot Ion:119 Resp: 720661
Ion Ratio Lower Upper
119 100
91 69.8 35.2 105.6
134 26.6 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 54.758 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion:105 Resp: 865770
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 56.000 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

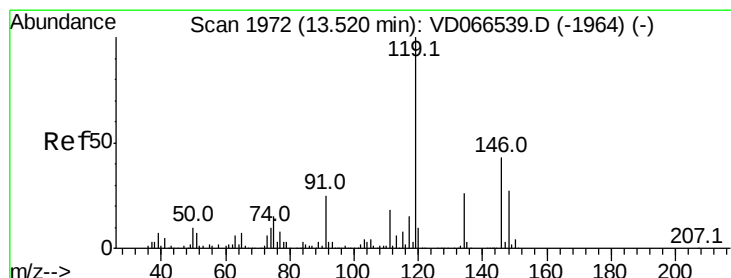
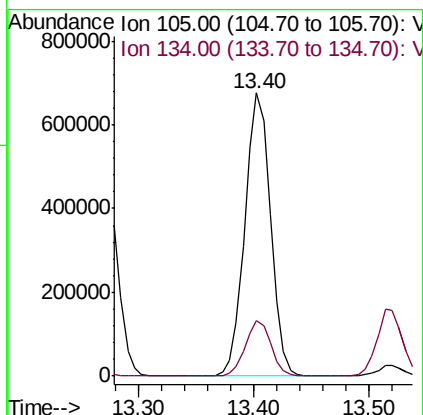
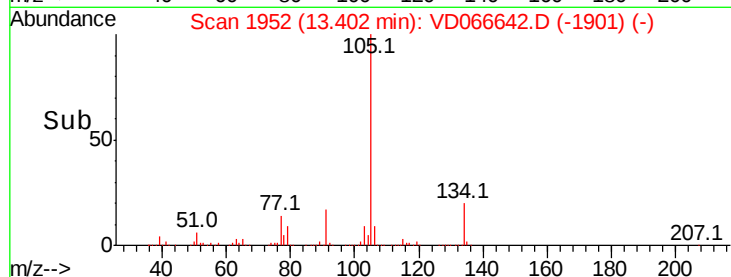
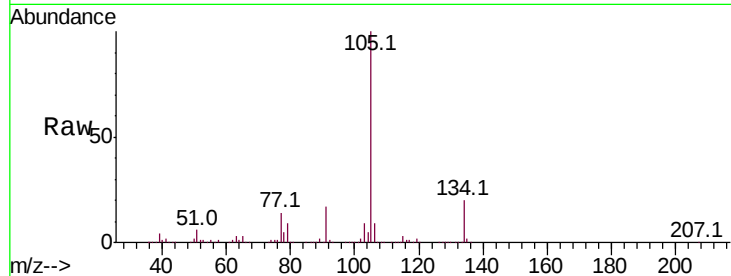
ClientSampleId :

Tot Ion:105 Resp: 1046275

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 56.649 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

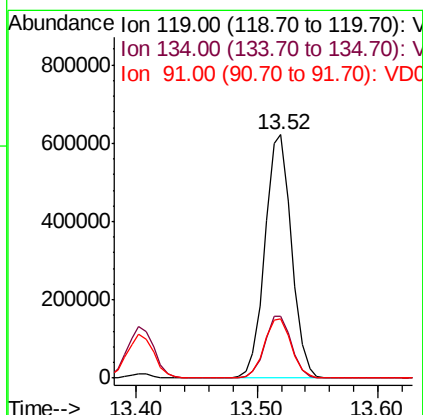
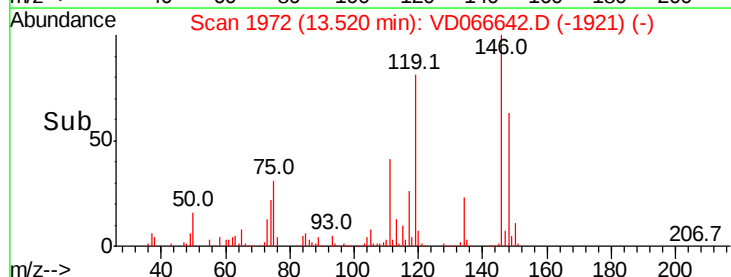
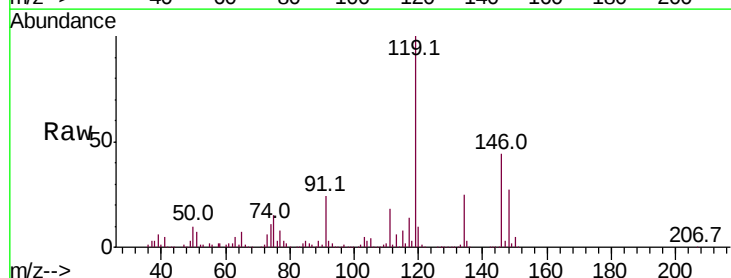
Tgt Ion:119 Resp: 952637

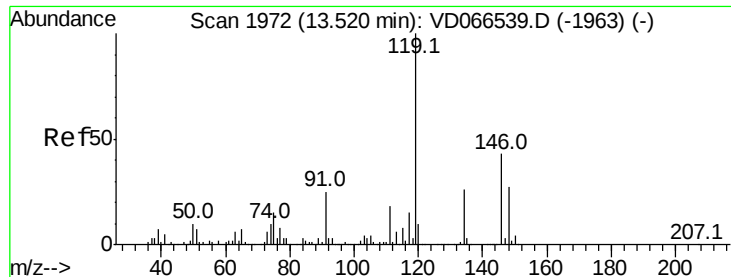
Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.0

91 24.7 12.5 37.5

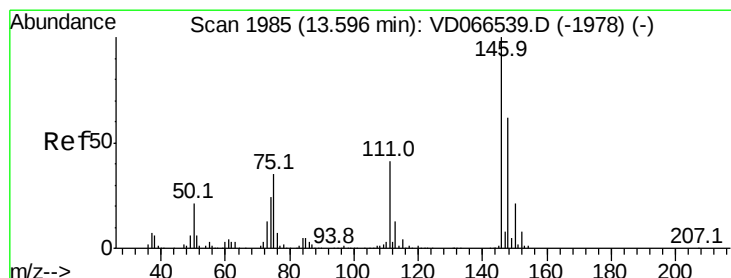
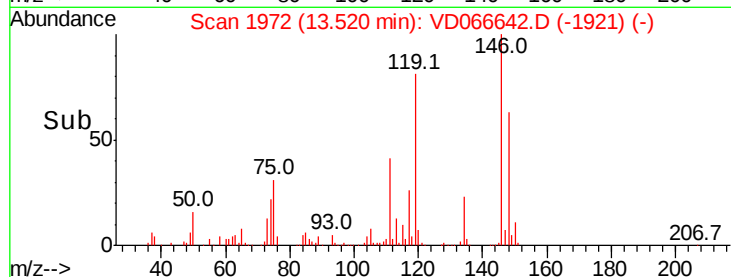
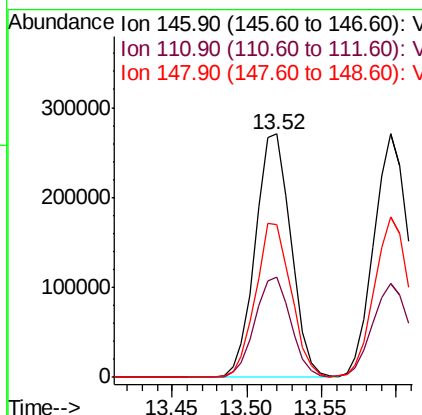
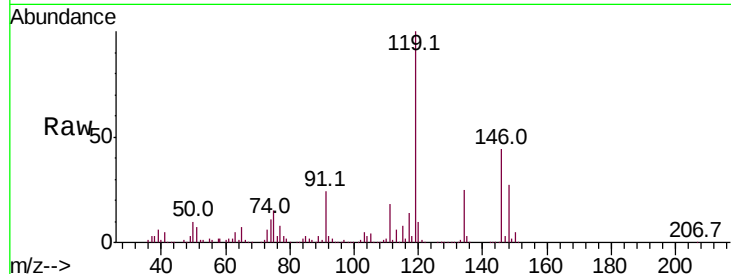




#87
 1,3-Dichlorobenzene
 Concen: 53.517 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

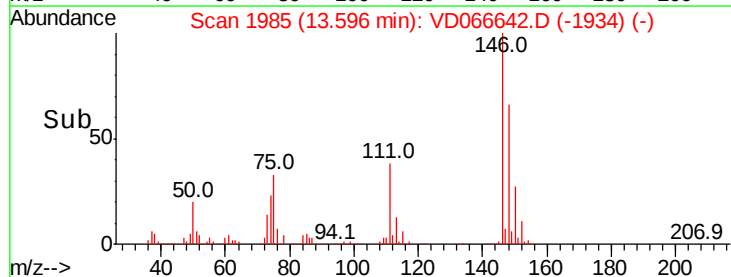
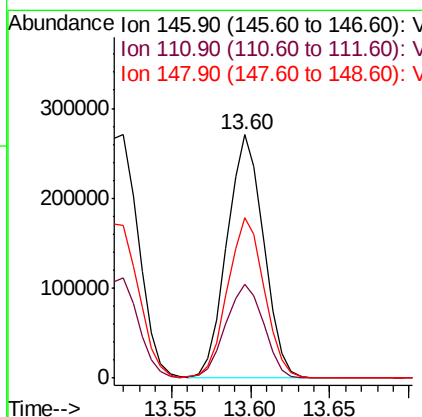
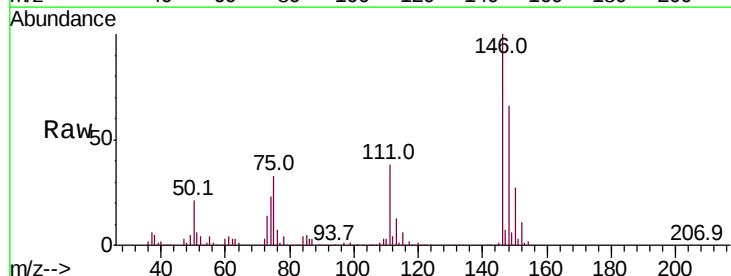
Instrument :
 MSVOA_D
 ClientSampleId :

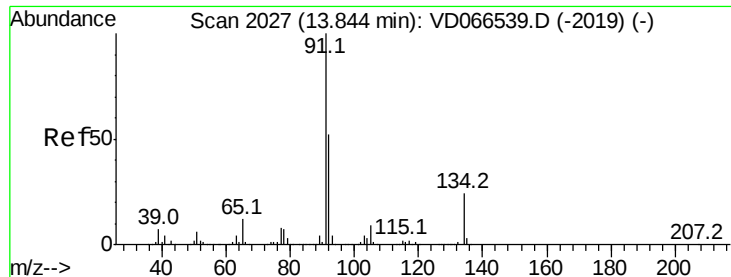
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.9
148	62.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 51.704 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	66.1	31.6	94.8

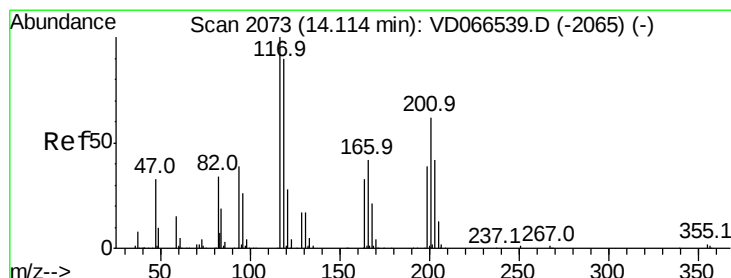
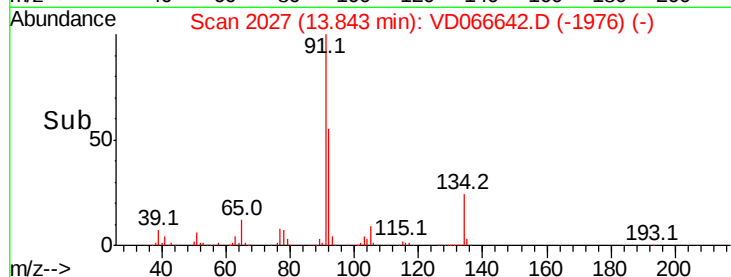
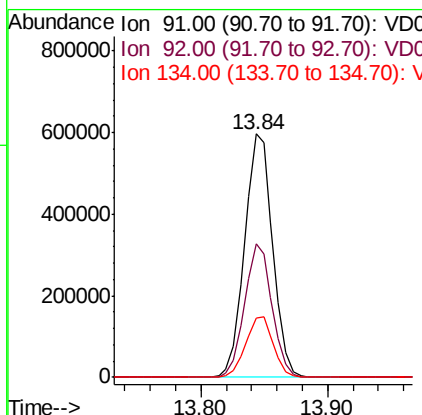
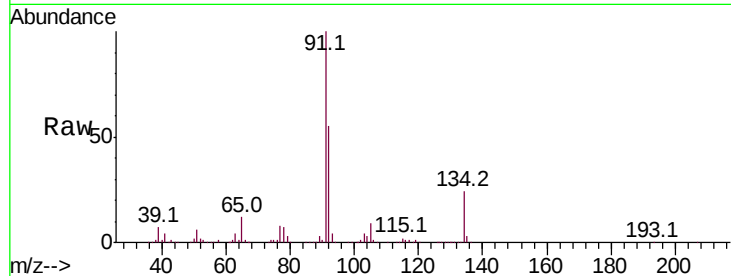




#89
n-Butylbenzene
Concen: 55.817 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

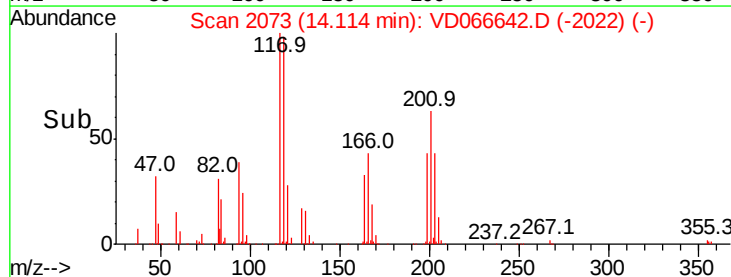
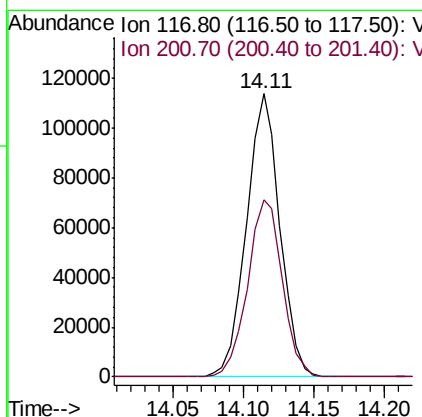
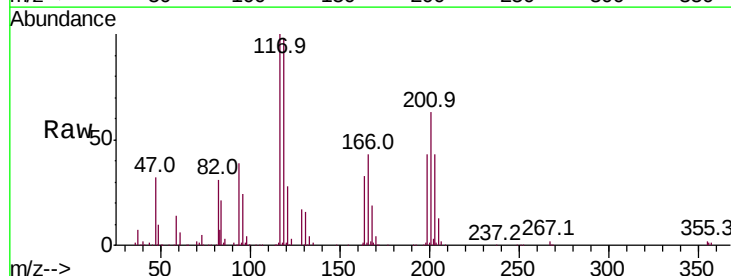
Instrument :
MSVOA_D
ClientSampled :

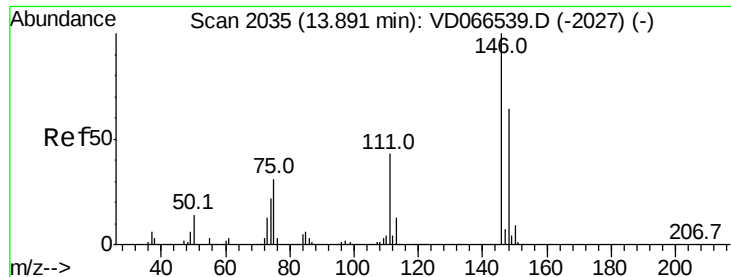
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.5	79.5
134	24.6	12.1	36.3



#90
Hexachloroethane
Concen: 51.990 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.2	31.9	95.5





#91

1,2-Dichlorobenzene

Concen: 52.320 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

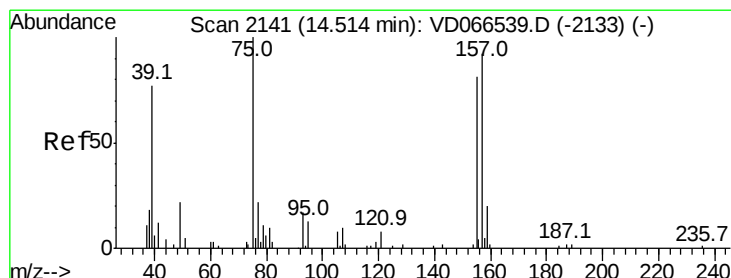
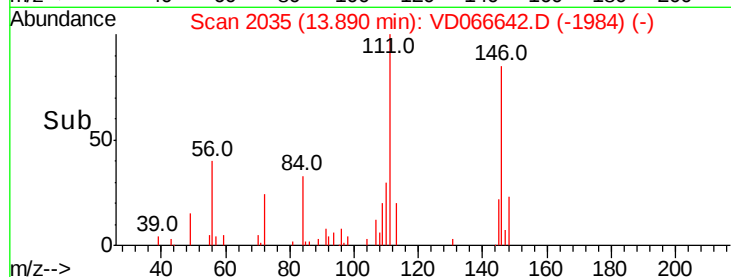
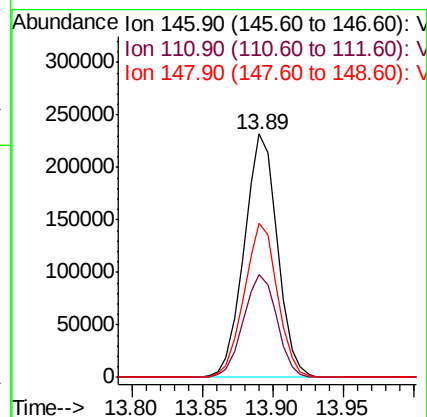
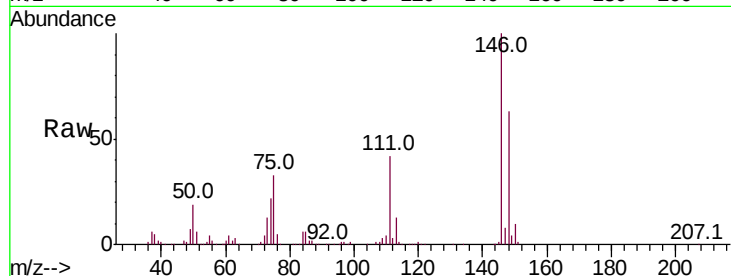
Tot Ion:146 Resp: 381894

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.4

148 63.5 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.841 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066642.D

Acq: 11 Sep 2020 12:19

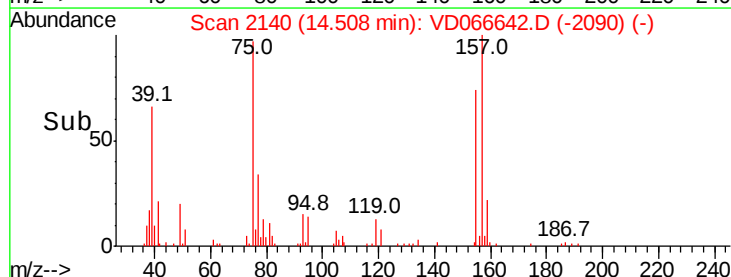
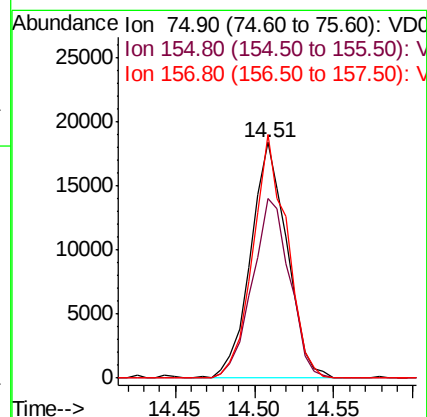
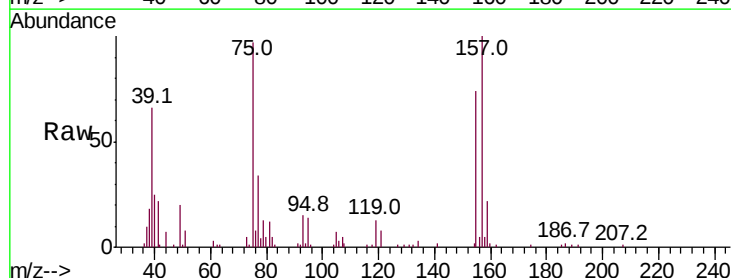
Tgt Ion: 75 Resp: 29354

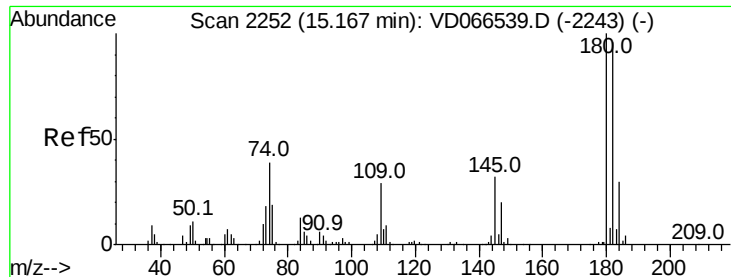
Ion Ratio Lower Upper

75 100

155 78.3 39.3 117.8

157 96.9 46.0 137.8

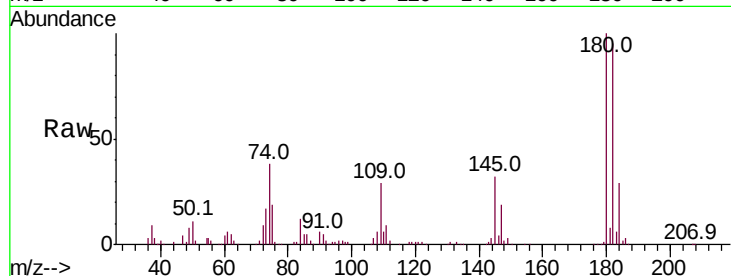




#93
 1,2,4-Trichlorobenzene
 Concen: 56.560 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.4	145.0
145	32.9	16.7	50.0

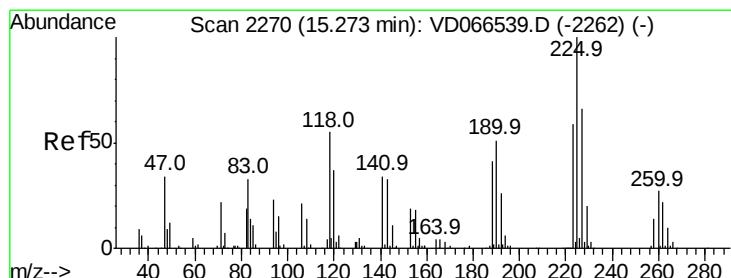
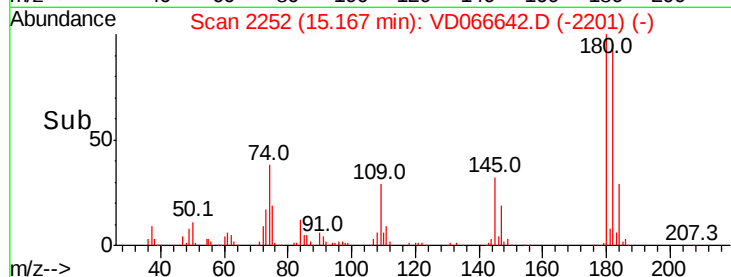
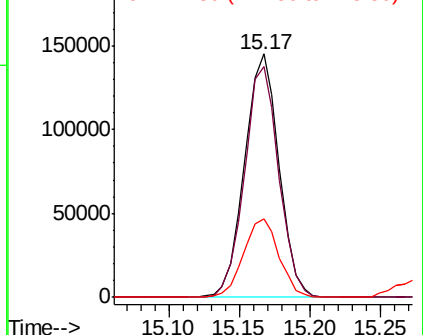


Abundance

Ion 179.80 (179.50 to 180.50): V

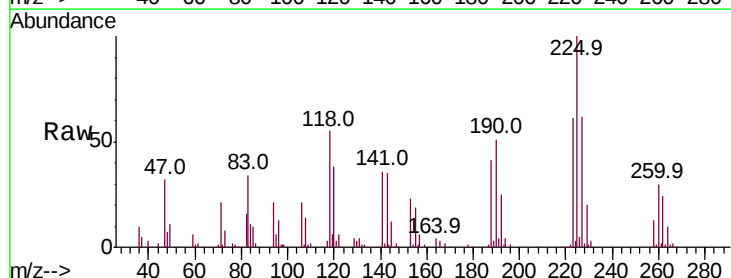
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 54.279 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066642.D
 Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.5	91.5
227	62.8	32.4	97.2

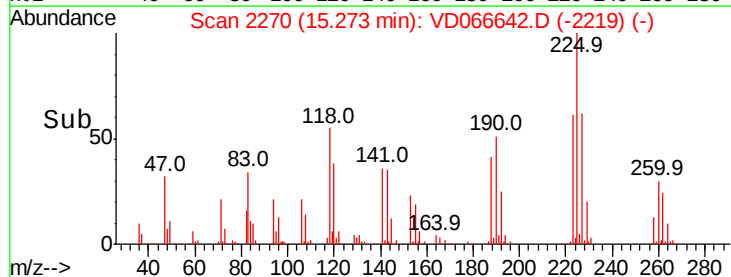
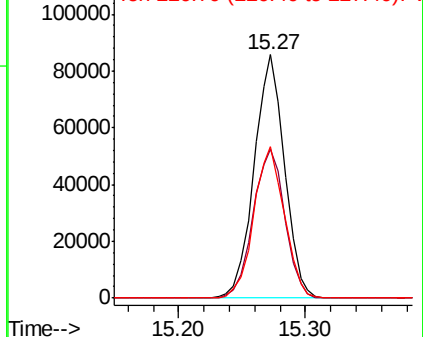


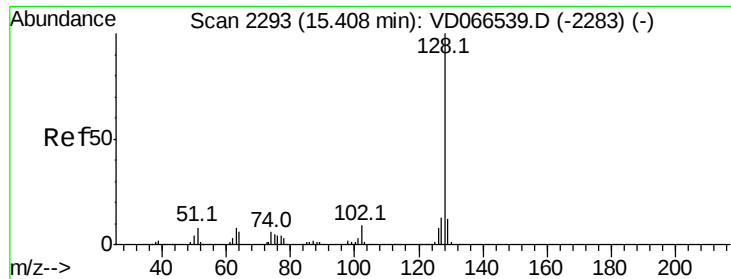
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

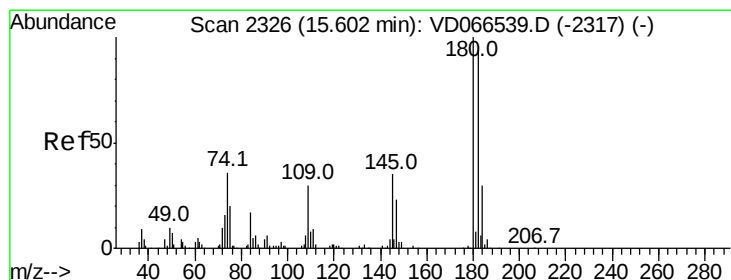
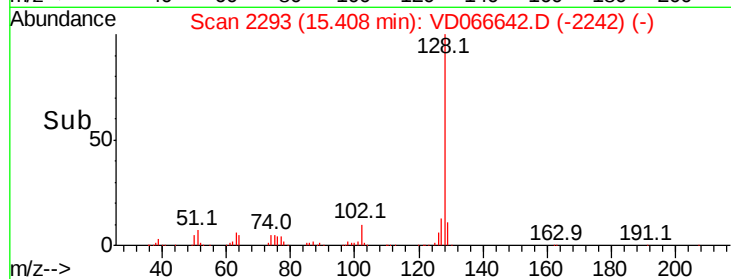
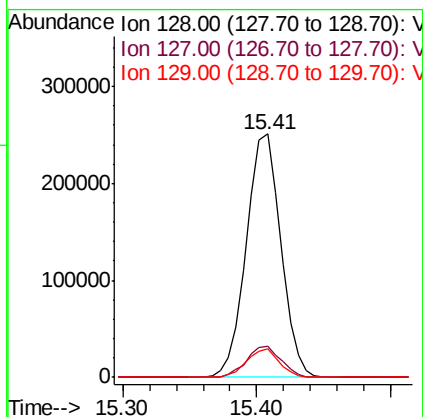
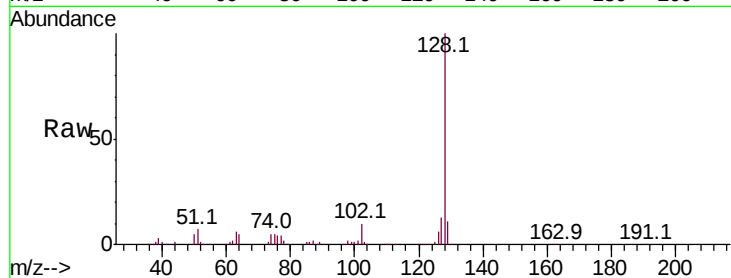




#95
Naphthalene
Concen: 58.597 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	11.2	9.1	13.7



#96
1,2,3-Trichlorobenzene
Concen: 56.429 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066642.D
Acq: 11 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.9	143.6
145	34.6	17.3	51.7

