

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066663.D
 Acq On : 11 Sep 2020 21:58
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 12 00:42:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	328822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	566601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	533084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	251493	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	216965	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
35) Dibromofluoromethane	7.91	113	202015	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	10.34	98	731550	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.63	95	247924	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	121630	44.349	ug/l	92
3) Chloromethane	2.21	50	177070	42.581	ug/l	100
4) Vinyl Chloride	2.35	62	185687	40.260	ug/l	93
5) Bromomethane	2.77	94	145324	49.823	ug/l	83
6) Chloroethane	2.92	64	122409	41.785	ug/l	100
7) Trichlorofluoromethane	3.27	101	304827	44.739	ug/l	99
8) Diethyl Ether	3.71	74	85027	49.558	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	167251	45.356	ug/l	98
10) Methyl Iodide	4.30	142	152991	45.848	ug/l	100
11) Tert butyl alcohol	5.22	59	56113	220.055	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	154720	46.702	ug/l	96
13) Acrolein	3.93	56	44487	273.477	ug/l	100
14) Allyl chloride	4.72	41	276271	50.884	ug/l	97
15) Acrylonitrile	5.42	53	197546	268.029	ug/l	96
16) Acetone	4.15	43	180370	246.400	ug/l	98
17) Carbon Disulfide	4.41	76	499289	45.844	ug/l	97
18) Methyl Acetate	4.72	43	94732	54.288	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	409989	52.773	ug/l	99
20) Methylene Chloride	4.97	84	219926	55.911	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	195906	49.797	ug/l	99
22) Diisopropyl ether	6.36	45	617748	55.328	ug/l	98
23) Vinyl Acetate	6.30	43	1707856	268.793	ug/l	99
24) 1,1-Dichloroethane	6.27	63	356747	50.809	ug/l	97
25) 2-Butanone	7.21	43	256696	261.227	ug/l	99
26) 2,2-Dichloropropane	7.21	77	288638	44.816	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	226873	53.627	ug/l	97
28) Bromochloromethane	7.54	49	153433	56.761	ug/l	99
29) Tetrahydrofuran	7.56	42	164653	269.045	ug/l	98
30) Chloroform	7.71	83	387135	52.118	ug/l	97
31) Cyclohexane	7.98	56	288394	44.434	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	341050	48.834	ug/l	98
36) 1,1-Dichloropropene	8.11	75	274813	46.605	ug/l	100
37) Ethyl Acetate	7.29	43	122135	52.016	ug/l	97
38) Carbon Tetrachloride	8.09	117	292735	46.968	ug/l	92

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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	310608	47.173	ug/l	98
40) Benzene	8.35	78	797410	49.377	ug/l	99
41) Methacrylonitrile	7.56	41	169761	149.362	ug/l #	32
42) 1,2-Dichloroethane	8.42	62	256462	49.013	ug/l	100
43) Isopropyl Acetate	8.44	43	225365	50.085	ug/l	98
44) Trichloroethene	9.11	130	209084	49.357	ug/l	95
45) 1,2-Dichloropropane	9.38	63	205750	50.661	ug/l	95
46) Dibromomethane	9.47	93	113582	50.691	ug/l	98
47) Bromodichloromethane	9.66	83	310717	51.255	ug/l	97
48) Methyl methacrylate	9.45	41	111382	48.953	ug/l	97
49) 1,4-Dioxane	9.46	88	22568	918.078	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	602166	265.351	ug/l	100
52) Toluene	10.40	92	523947	51.253	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	274545	51.302	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	324626	50.513	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	149421	51.865	ug/l	95
56) Ethyl methacrylate	10.66	69	181996	54.256	ug/l	98
57) 1,3-Dichloropropane	10.94	76	262219	51.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	422909	275.640	ug/l	100
59) 2-Hexanone	10.98	43	413570	271.003	ug/l	100
60) Dibromochloromethane	11.14	129	197769	51.913	ug/l	99
61) 1,2-Dibromoethane	11.24	107	144918	51.704	ug/l	99
64) Tetrachloroethene	10.87	164	266147	74.151	ug/l	96
65) Chlorobenzene	11.67	112	546306	49.653	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	203608	48.488	ug/l	97
67) Ethyl Benzene	11.74	91	986573	48.834	ug/l	99
68) m/p-Xylenes	11.85	106	753805	100.490	ug/l	100
69) o-Xylene	12.18	106	346058	51.477	ug/l	99
70) Styrene	12.20	104	608142	52.034	ug/l	99
71) Bromoform	12.36	173	104234	49.255	ug/l #	98
73) Isopropylbenzene	12.48	105	947937	50.909	ug/l	99
74) N-amyl acetate	12.29	43	209727	49.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	163023	49.557	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	217795	90.047	ug/l #	100
77) Bromobenzene	12.76	156	211092	50.850	ug/l	98
78) n-propylbenzene	12.82	91	1119280	49.586	ug/l	100
79) 2-Chlorotoluene	12.91	91	636362	50.253	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	787141	50.226	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	50401	48.650	ug/l	96
82) 4-Chlorotoluene	13.00	91	672362	49.652	ug/l	99
83) tert-Butylbenzene	13.23	119	644953	50.395	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	778622	49.901	ug/l	100
85) sec-Butylbenzene	13.40	105	897054	48.651	ug/l	100
86) p-Isopropyltoluene	13.52	119	822895	49.584	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	407653	49.464	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	393819	47.610	ug/l	99
89) n-Butylbenzene	13.84	91	777191	48.057	ug/l	99
90) Hexachloroethane	14.11	117	172759	48.312	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	348764	48.416	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	26525	47.467	ug/l	97

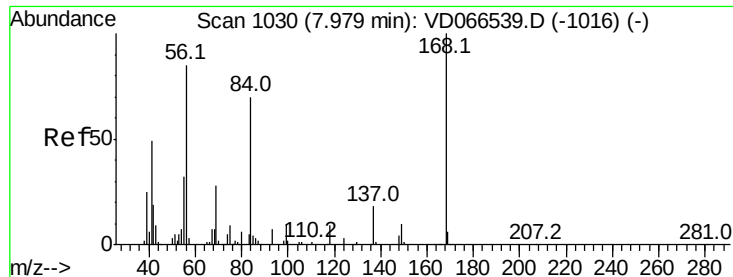
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	215023	49.737	ug/l	96
94) Hexachlorobutadiene	15.27	225	119866	46.152	ug/l	97
95) Naphthalene	15.41	128	411327	54.448	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	189160	51.322	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

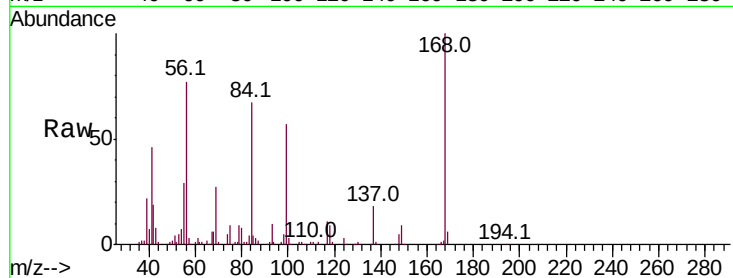
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 328822

Ion Ratio Lower Upper

168 100

99 56.3 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

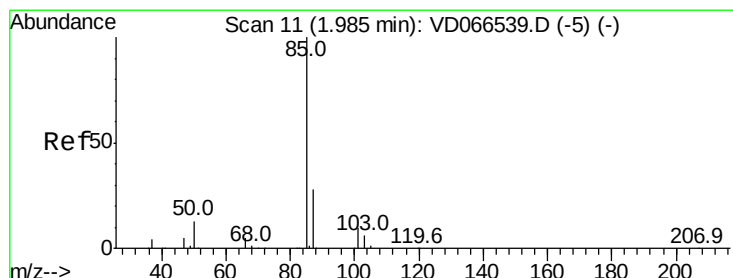
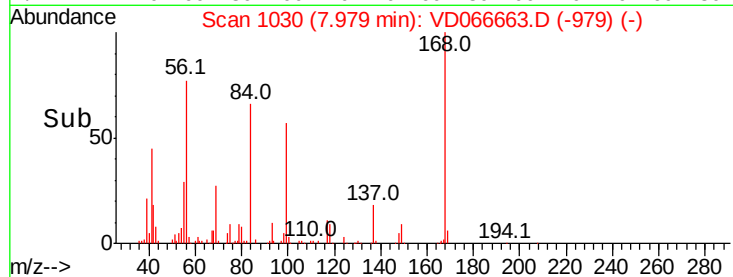
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 44.349 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066663.D

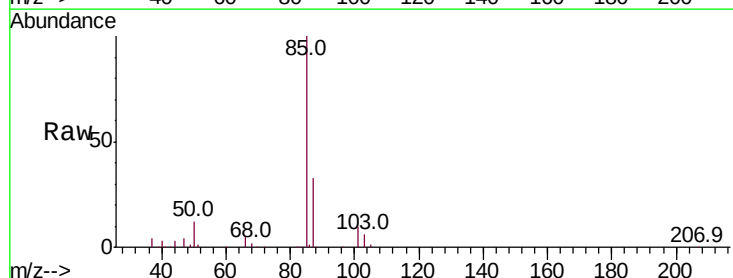
Acq: 11 Sep 2020 21:58

Tgt Ion: 85 Resp: 121630

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

1.99

100000

80000

60000

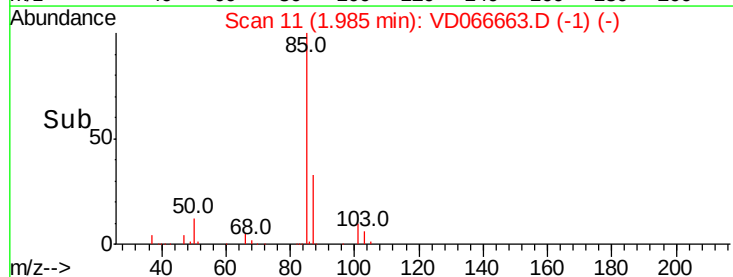
40000

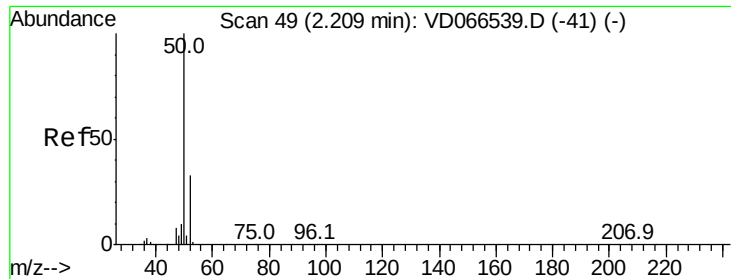
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 42.581 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

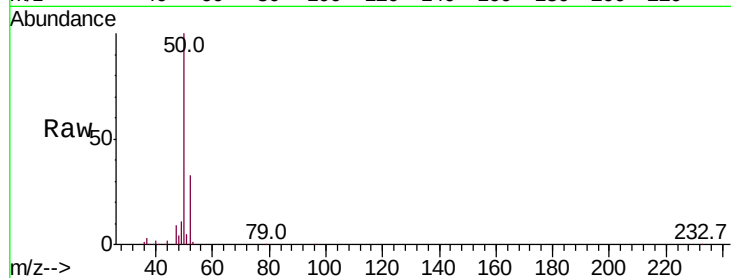
ClientSampleId :

Tot Ion: 50 Resp: 177070

Ion Ratio Lower Upper

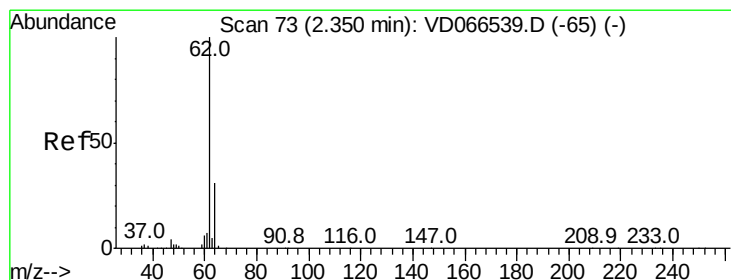
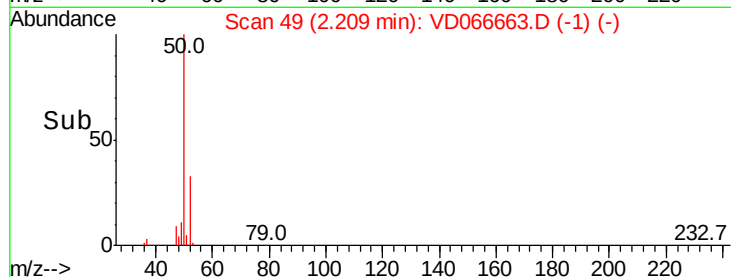
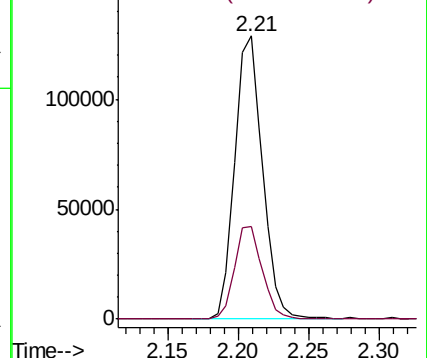
50 100

52 32.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 40.260 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066663.D

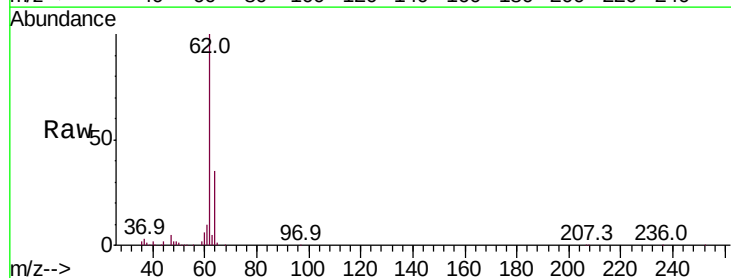
Acq: 11 Sep 2020 21:58

Tgt Ion: 62 Resp: 185687

Ion Ratio Lower Upper

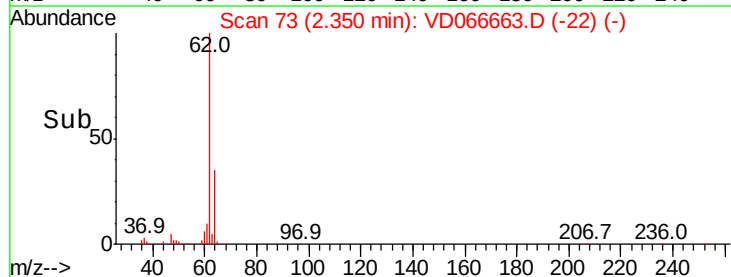
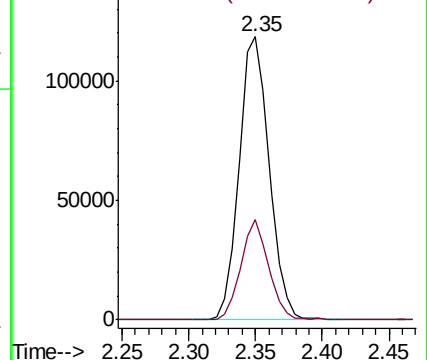
62 100

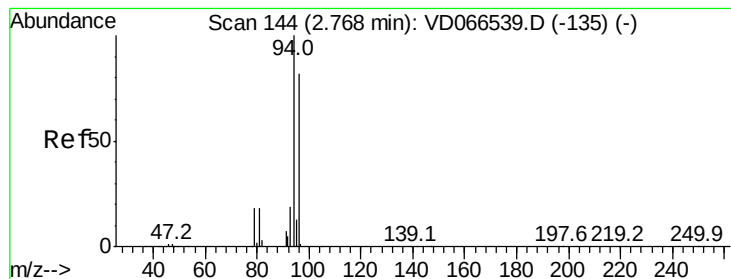
64 35.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.823 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

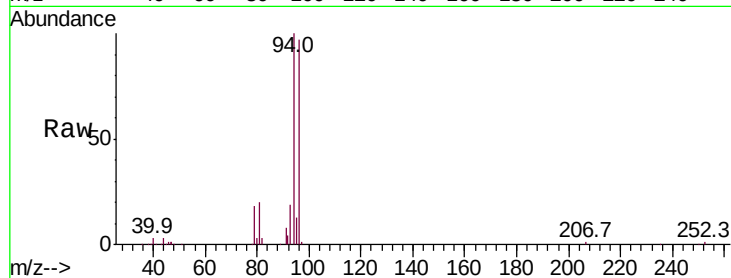
ClientSampleId :

Tot Ion: 94 Resp: 145324

Ion Ratio Lower Upper

94 100

96 96.8 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

80000

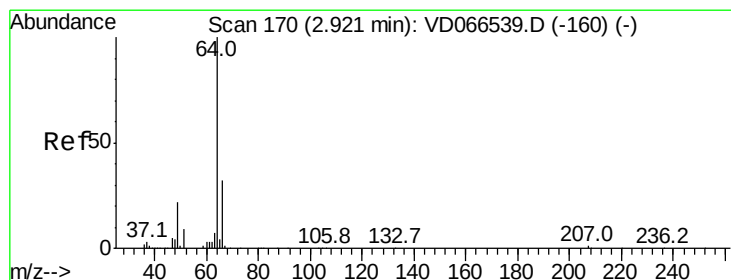
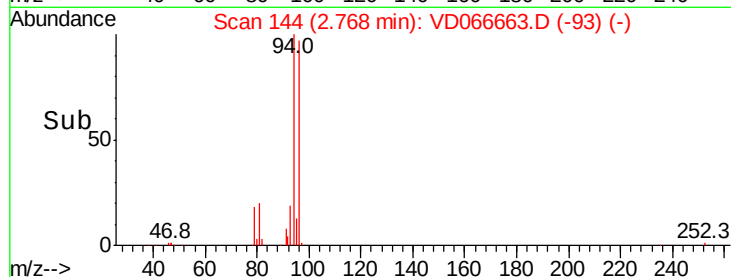
60000

40000

20000

0

Time--> 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 41.785 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066663.D

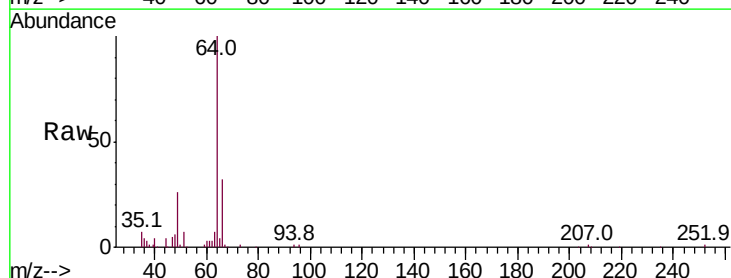
Acq: 11 Sep 2020 21:58

Tgt Ion: 64 Resp: 122409

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

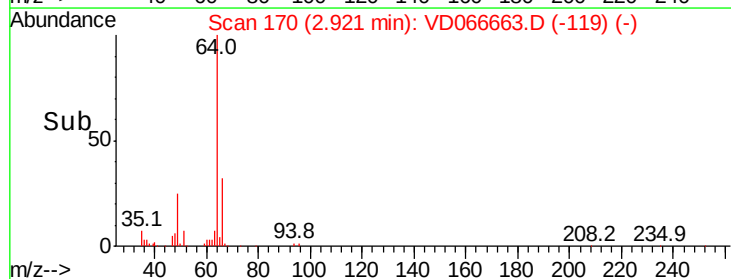
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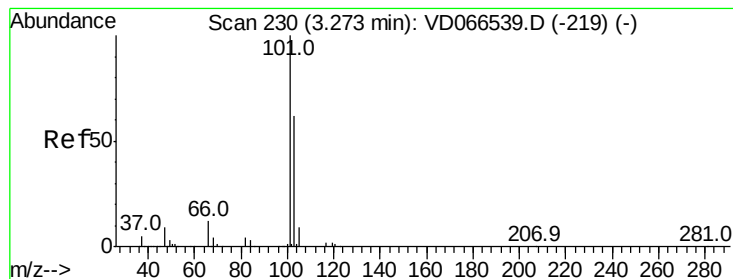
40000

20000

0

Time--> 2.80 2.90 3.00



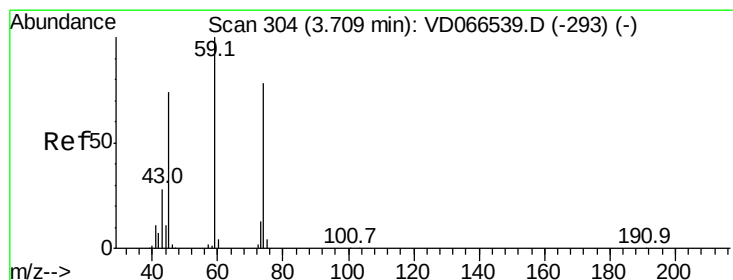
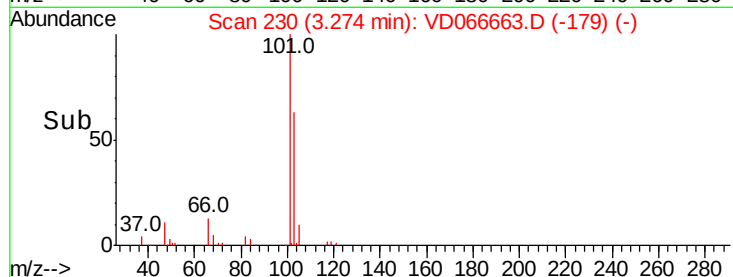
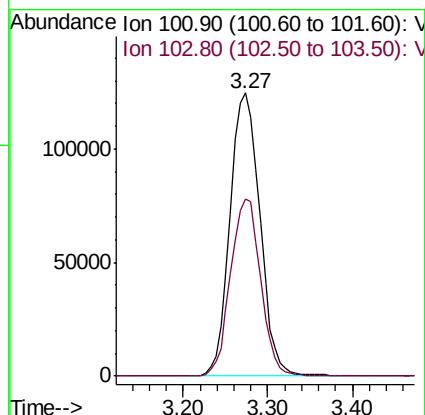
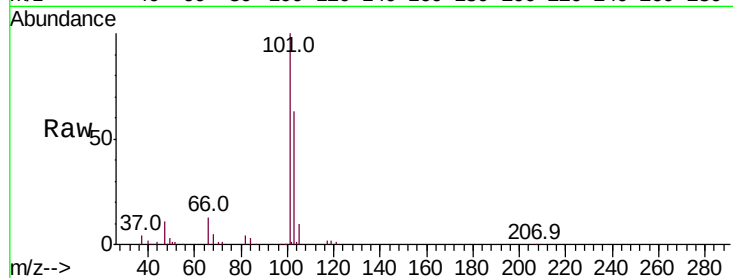


#7

Trichlorofluoromethane
 Concen: 44.739 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampleId :

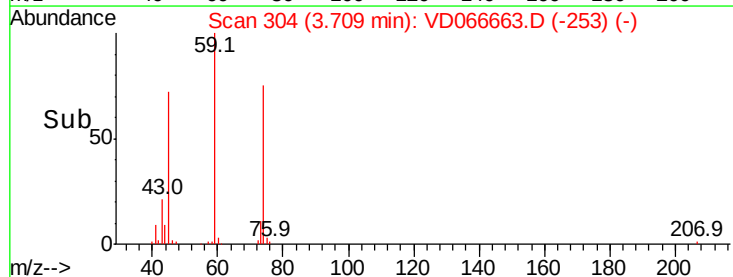
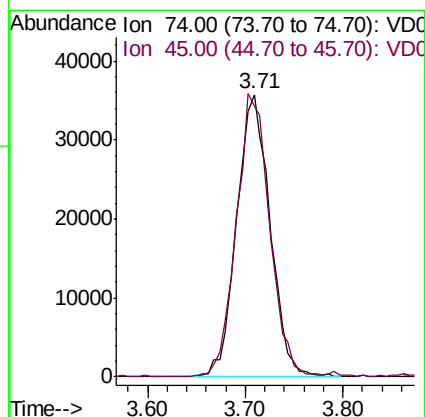
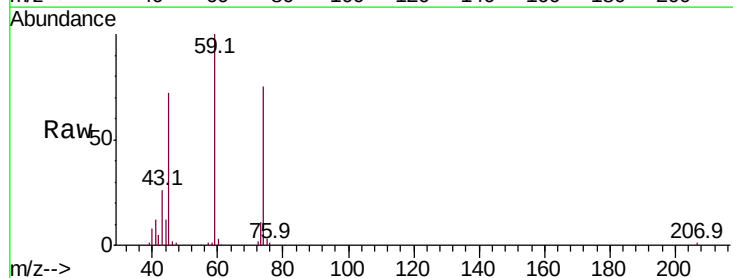
Tot Ion:101 Resp: 304827
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.7 74.5

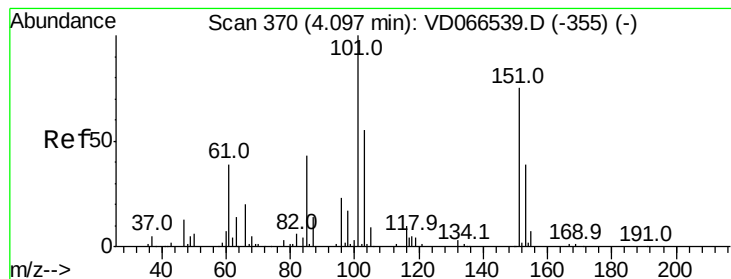


#8

Diethyl Ether
 Concen: 49.558 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion: 74 Resp: 85027
 Ion Ratio Lower Upper
 74 100
 45 100.1 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.356 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

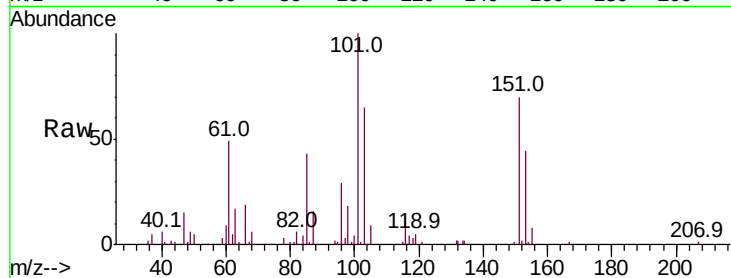
Tot Ion:101 Resp: 167251

Ion Ratio Lower Upper

101 100

85 45.7 37.0 55.6

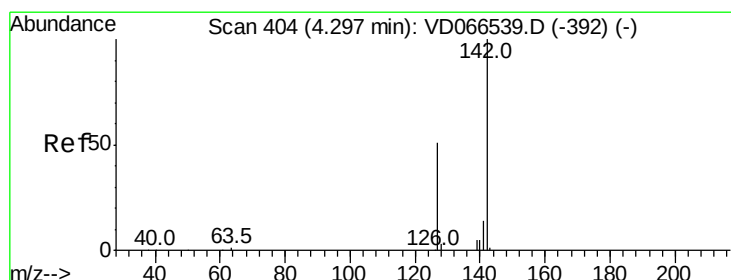
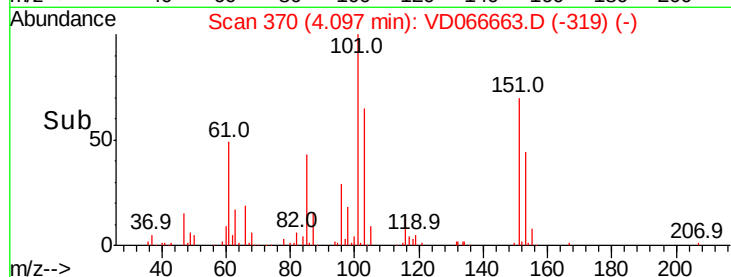
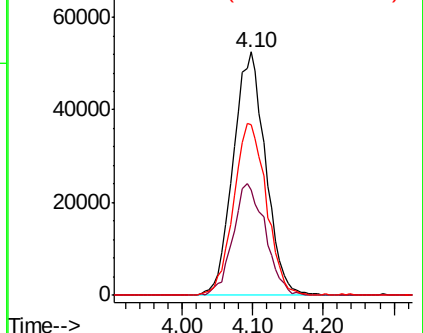
151 71.6 59.4 89.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.848 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

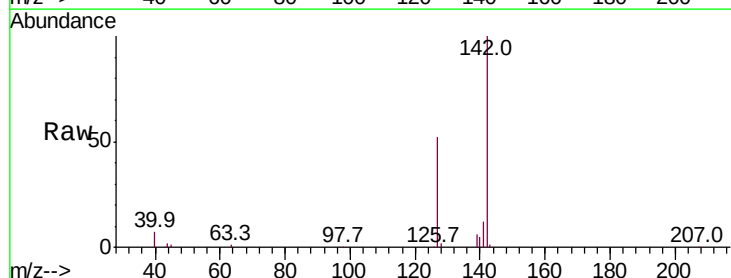
Tgt Ion:142 Resp: 152991

Ion Ratio Lower Upper

142 100

127 50.8 40.6 61.0

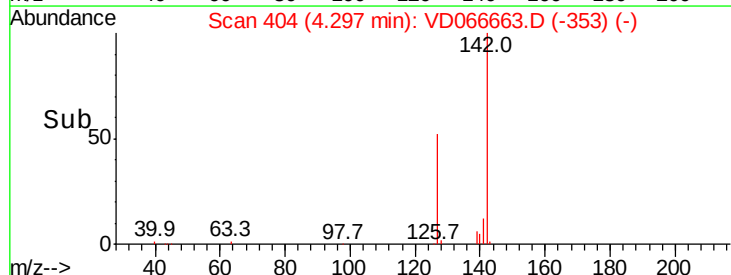
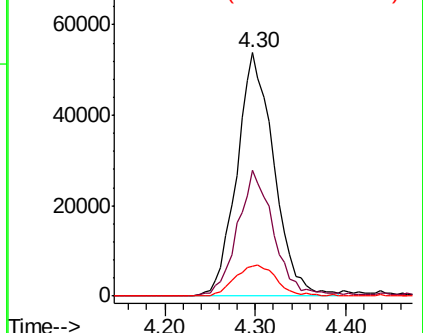
141 14.6 12.2 18.4

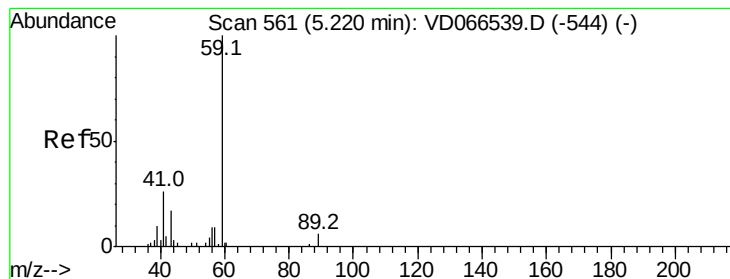


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 220.055 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

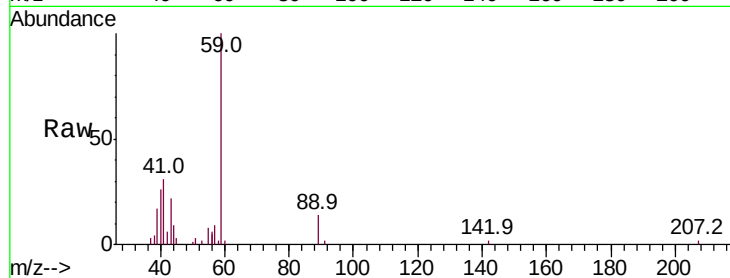
ClientSampleId :

Tot Ion: 59 Resp: 56113

Ion Ratio Lower Upper

59 100

57 6.2 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

15000

10000

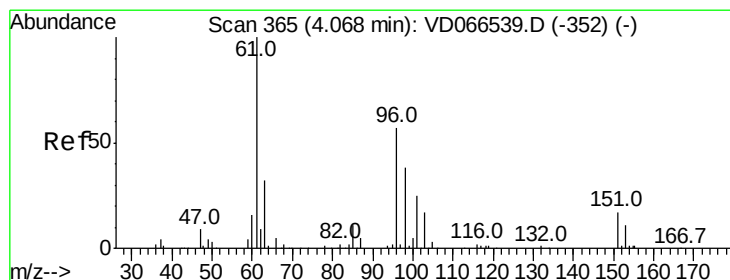
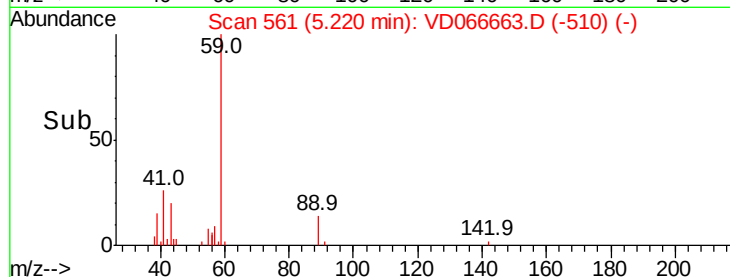
5000

0

Time-->

5.10 5.20 5.30 5.40

5.22



#12

1,1-Dichloroethene

Concen: 46.702 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

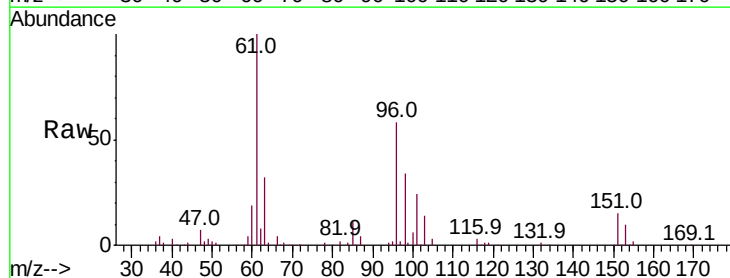
Tgt Ion: 96 Resp: 154720

Ion Ratio Lower Upper

96 100

61 173.6 140.9 211.3

98 59.5 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

100000

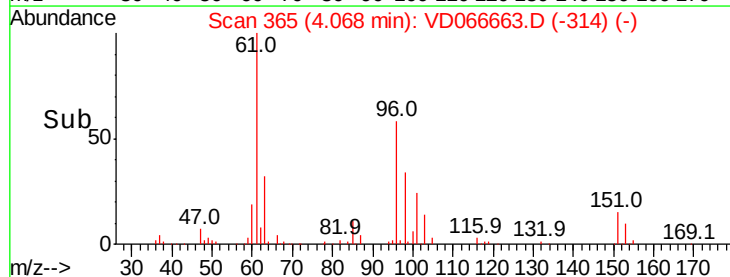
50000

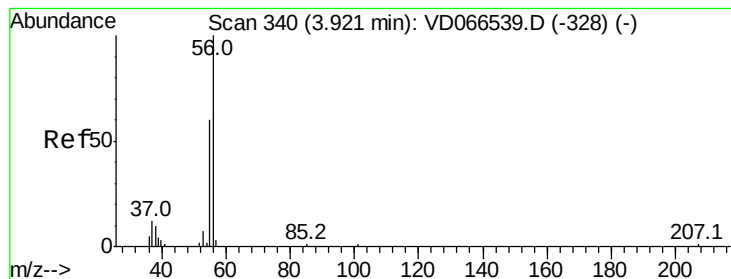
0

Time-->

4.00 4.10 4.20

4.07





#13

Acrolein

Concen: 273.477 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

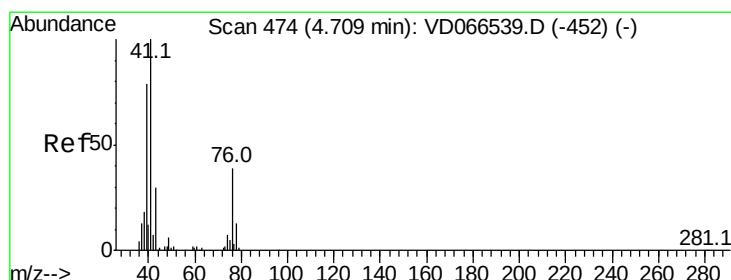
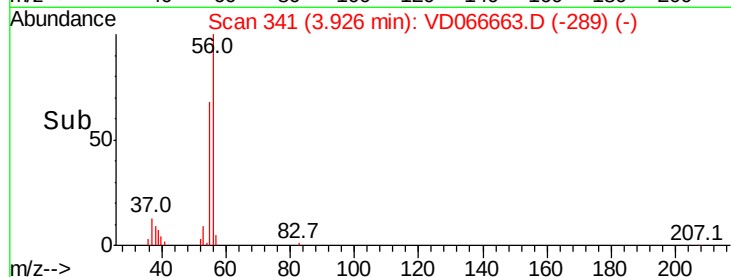
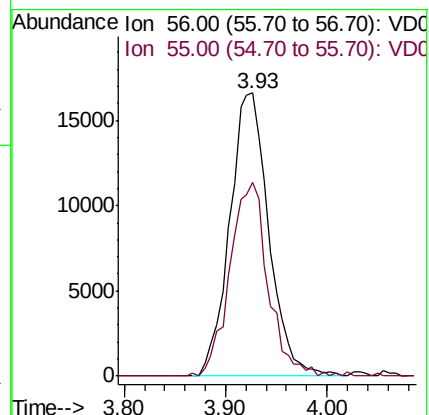
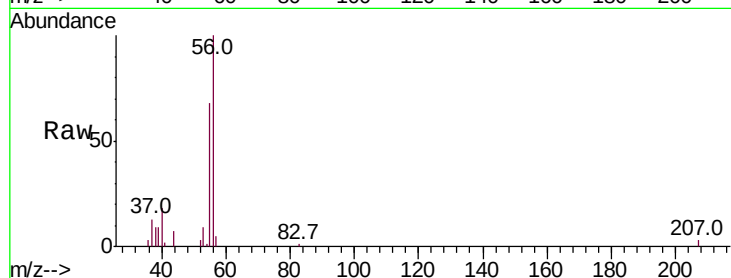
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 44487

Ion Ratio Lower Upper

56 100

55 66.6 53.6 80.4



#14

Allyl chloride

Concen: 50.884 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

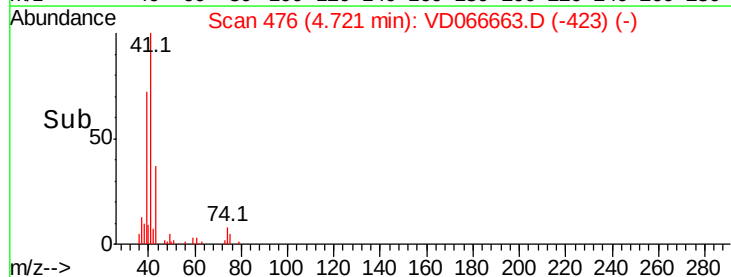
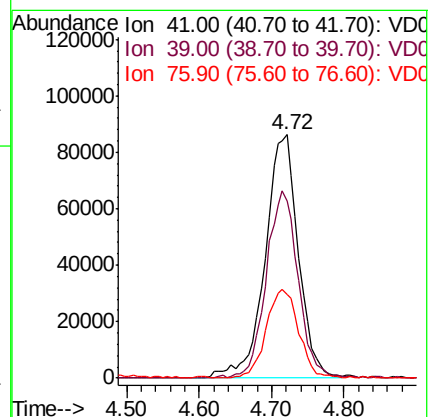
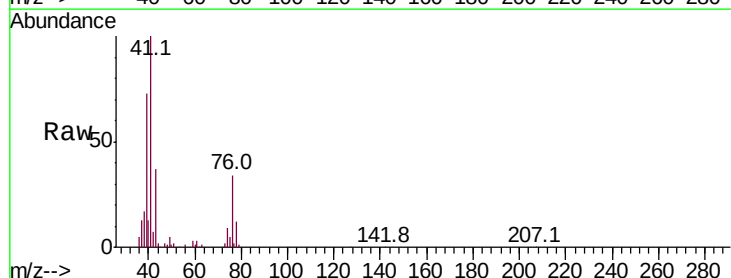
Tgt Ion: 41 Resp: 276271

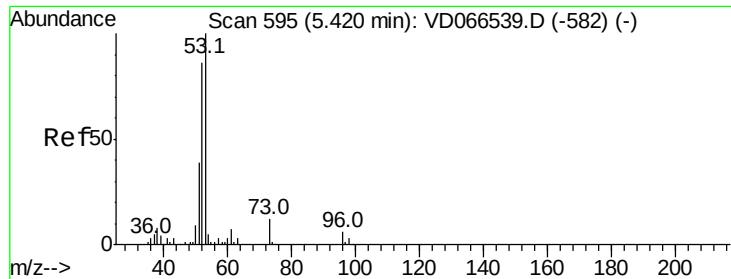
Ion Ratio Lower Upper

41 100

39 74.2 61.9 92.9

76 35.1 29.0 43.6





#15

Acrylonitrile

Concen: 268.029 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

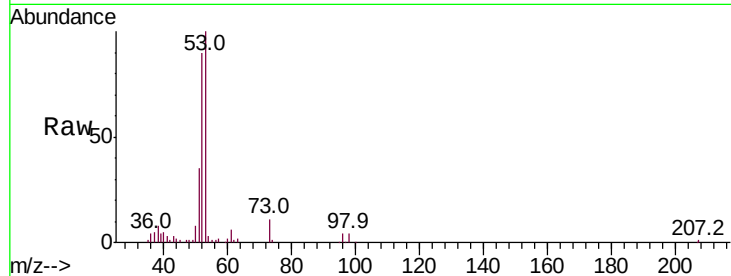
Tot Ion: 53 Resp: 197546

Ion Ratio Lower Upper

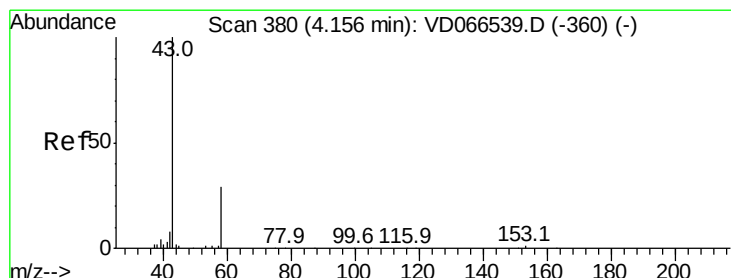
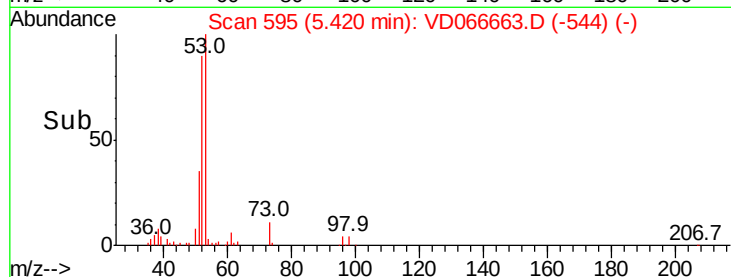
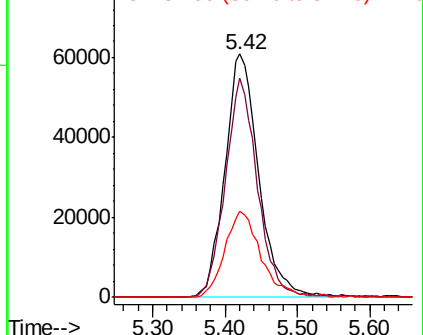
53 100

52 85.5 65.4 98.2

51 37.4 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: 246.400 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066663.D

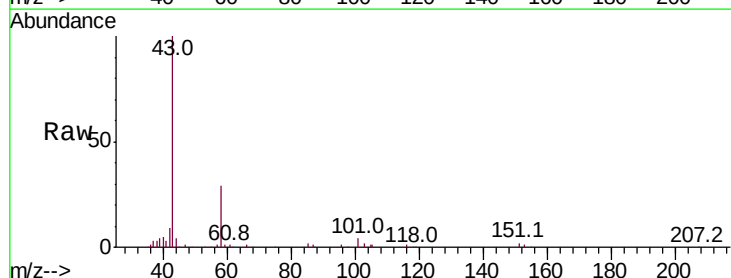
Acq: 11 Sep 2020 21:58

Tgt Ion: 43 Resp: 180370

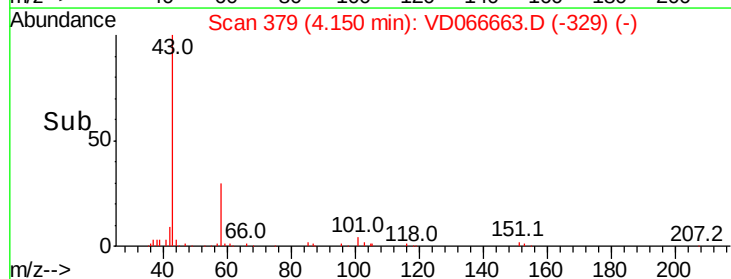
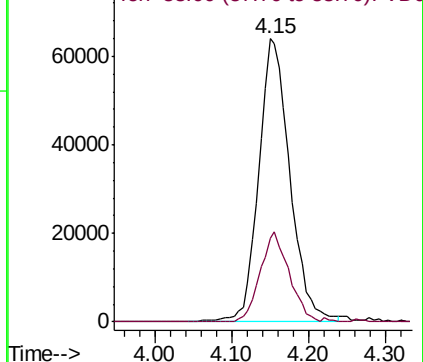
Ion Ratio Lower Upper

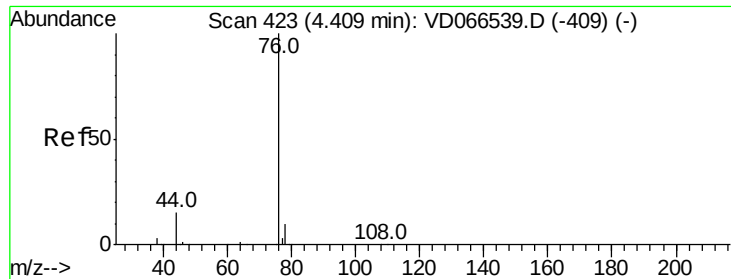
43 100

58 29.4 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: 45.844 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

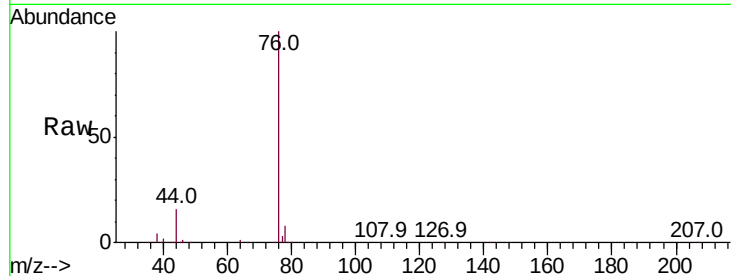
ClientSampleId :

Tot Ion: 76 Resp: 499289

Ion Ratio Lower Upper

76 100

78 8.3 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

200000

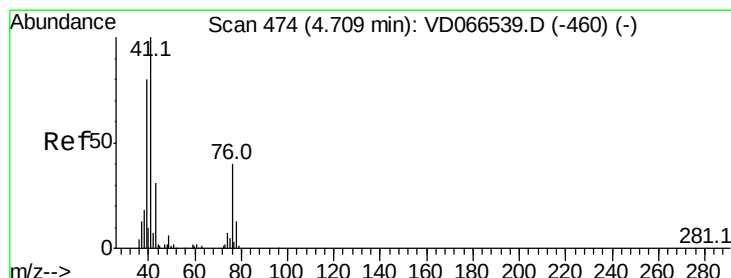
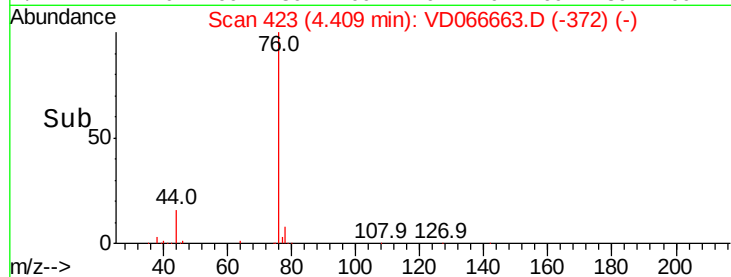
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 54.288 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066663.D

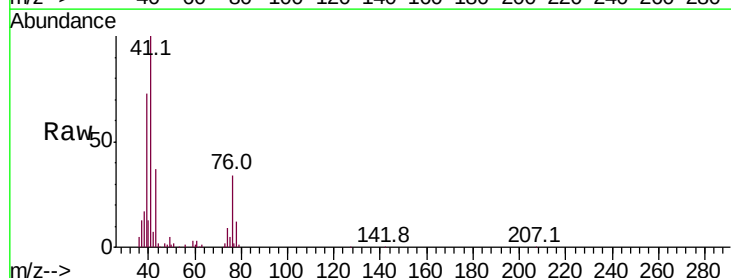
Acq: 11 Sep 2020 21:58

Tgt Ion: 43 Resp: 94732

Ion Ratio Lower Upper

43 100

74 24.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

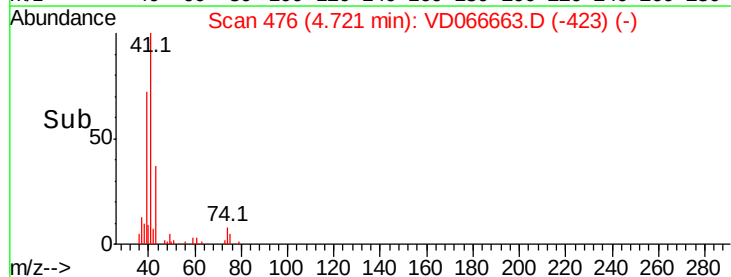
30000

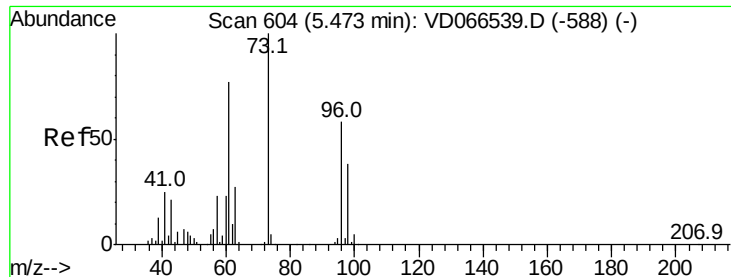
20000

10000

0

Time-->



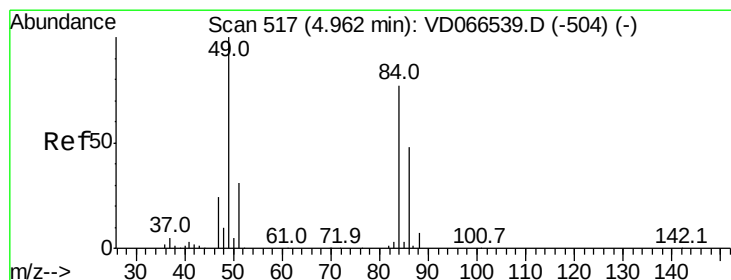
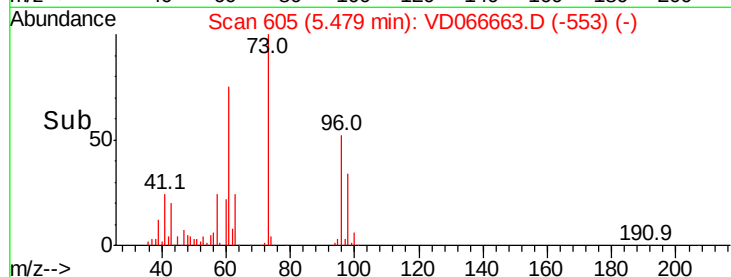
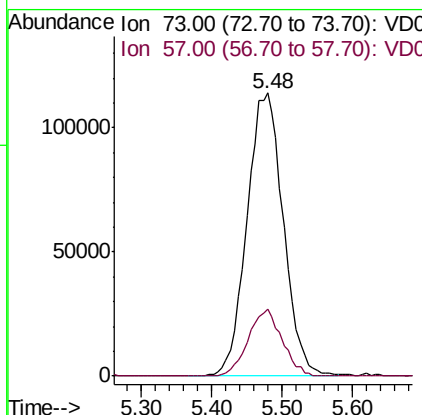
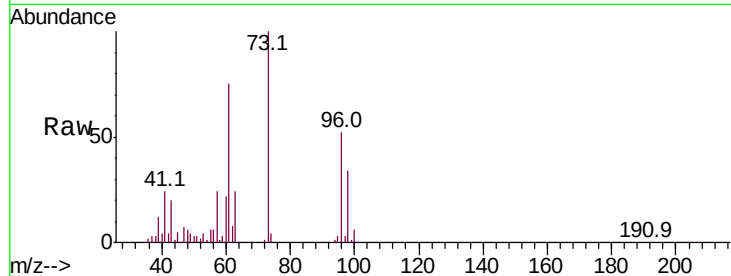


#19

Methyl tert-butyl Ether
 Concen: 52.773 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampleId :

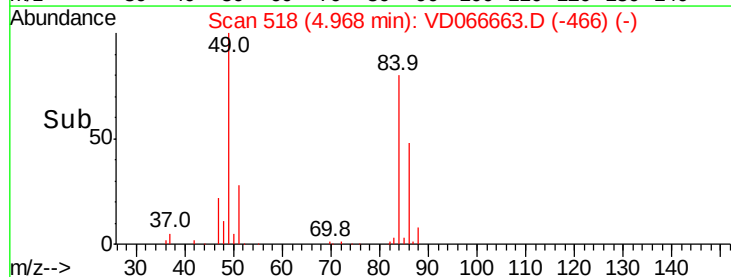
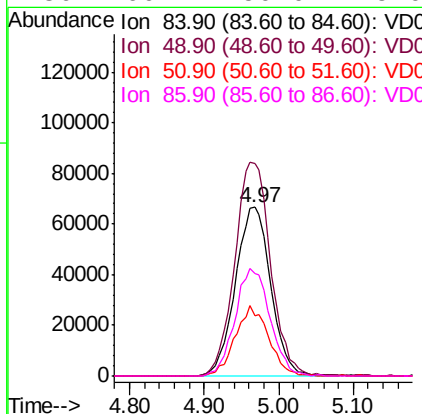
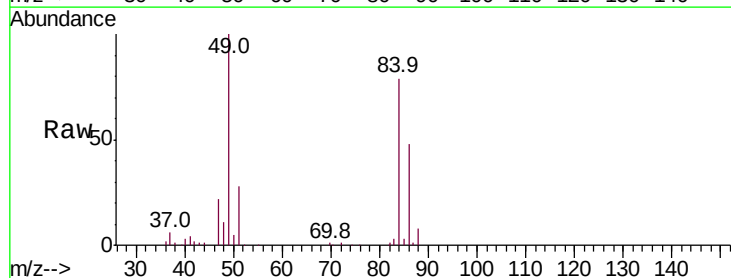
Tot Ion: 73 Resp: 409989
 Ion Ratio Lower Upper
 73 100
 57 23.5 18.3 27.5

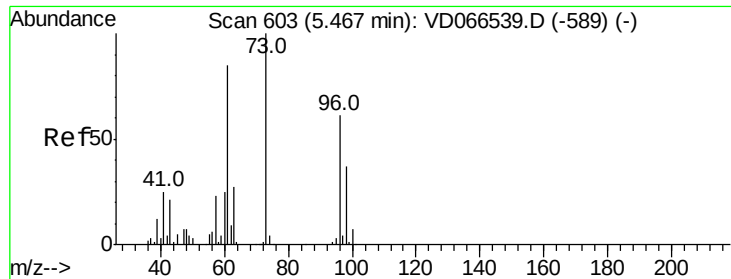


#20

Methylene Chloride
 Concen: 55.911 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion: 84 Resp: 219926
 Ion Ratio Lower Upper
 84 100
 49 126.1 104.3 156.5
 51 35.6 32.2 48.4
 86 60.7 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 49.797 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampled :

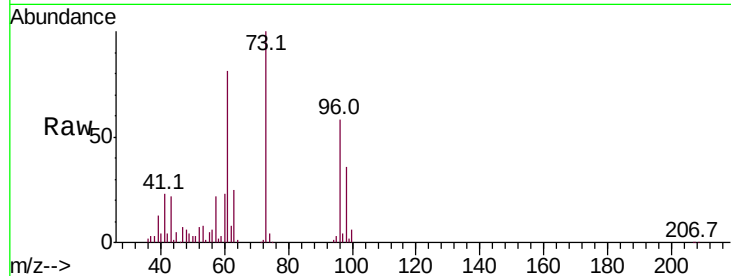
Tot Ion: 96 Resp: 195906

Ion Ratio Lower Upper

96 100

61 138.6 112.1 168.1

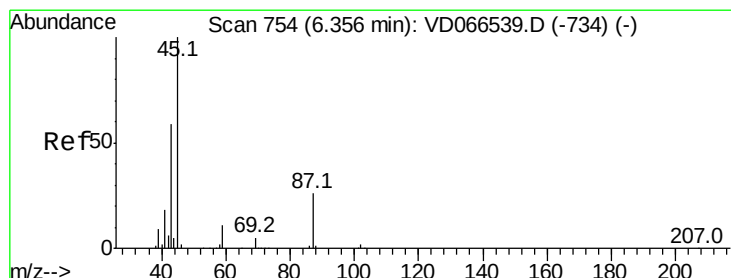
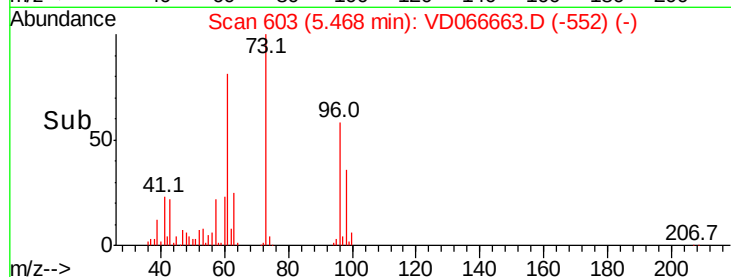
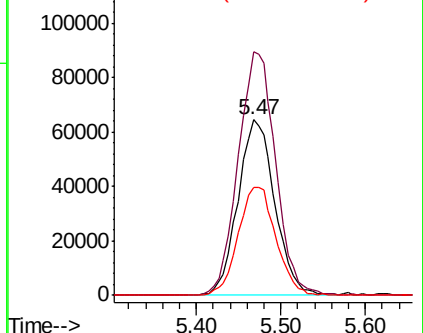
98 61.7 48.6 72.8



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: 55.328 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Tgt Ion: 45 Resp: 617748

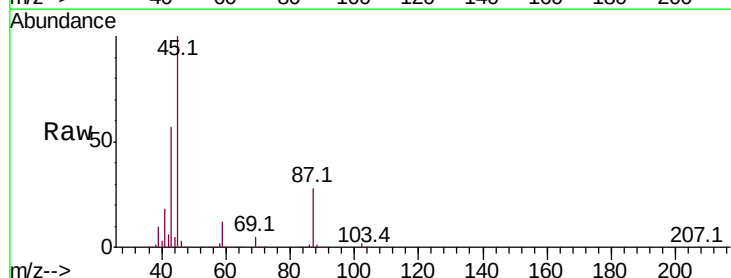
Ion Ratio Lower Upper

45 100

43 56.4 47.0 70.4

87 27.4 21.3 31.9

59 11.4 8.7 13.1

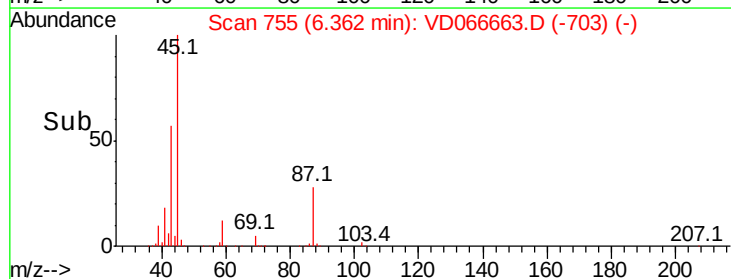
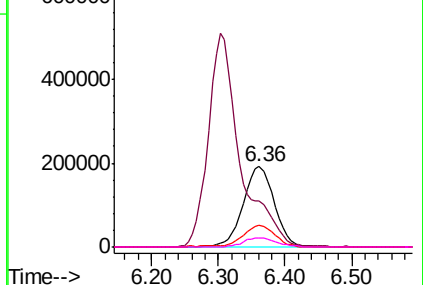


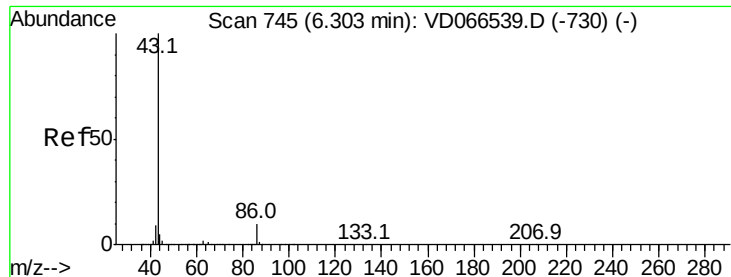
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 268.793 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

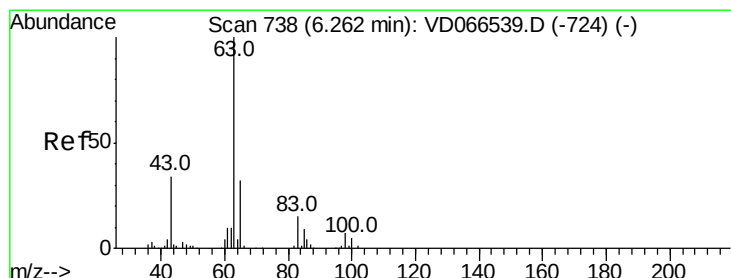
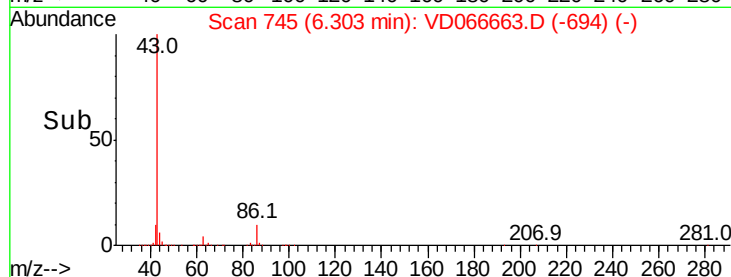
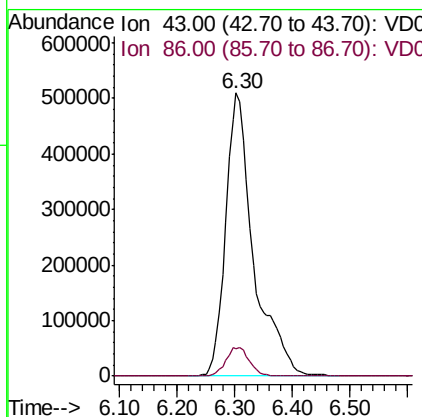
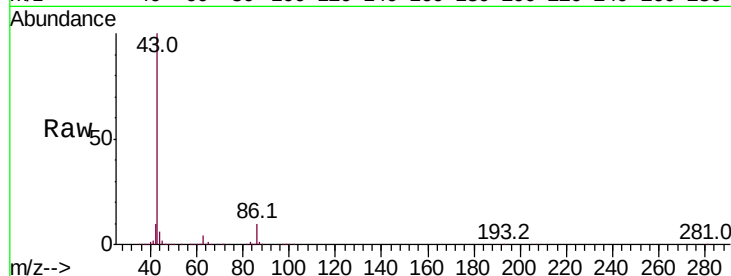
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 1707856

Ion Ratio Lower Upper

43 100

86 9.8 7.7 11.5



#24

1,1-Dichloroethane

Concen: 50.809 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

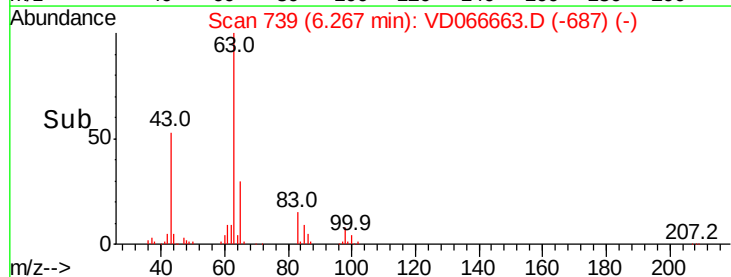
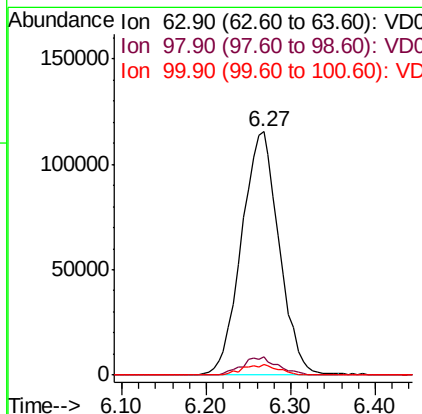
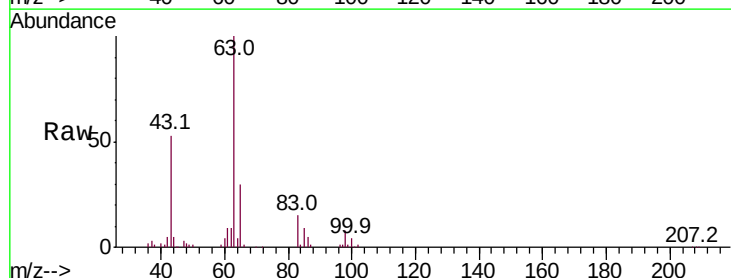
Tgt Ion: 63 Resp: 356747

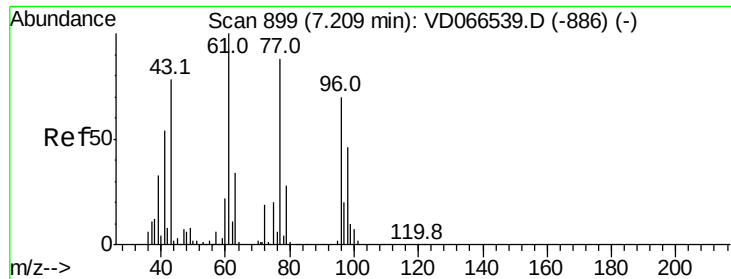
Ion Ratio Lower Upper

63 100

98 7.7 3.4 10.1

100 4.1 2.5 7.4

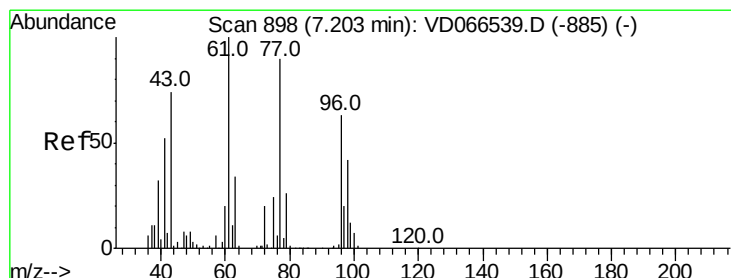
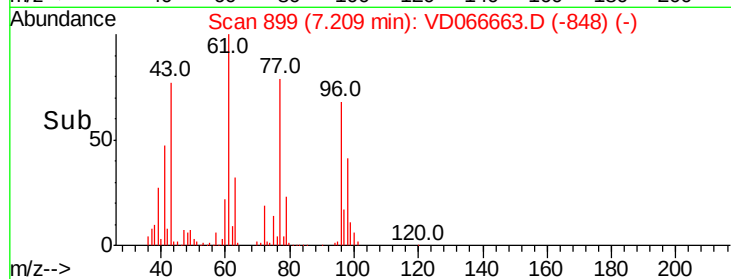
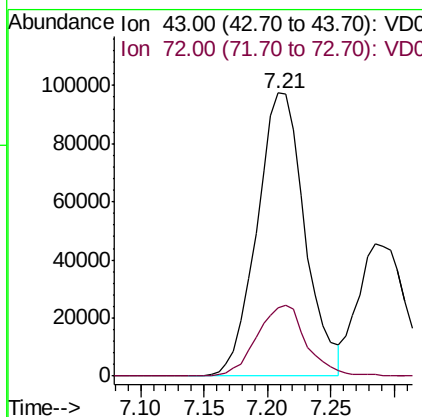
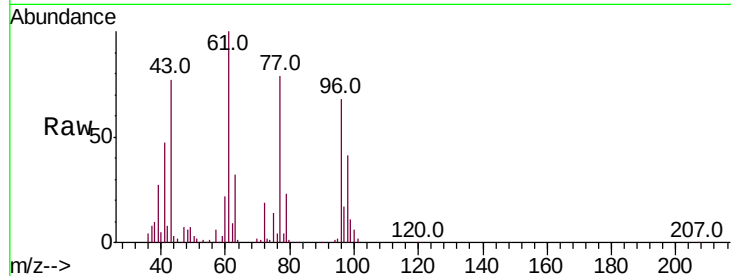




#25
2-Butanone
Concen: 261.227 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

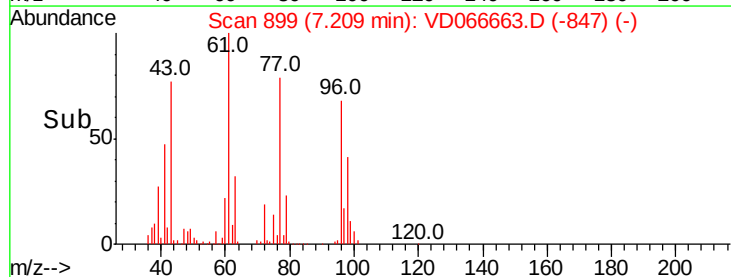
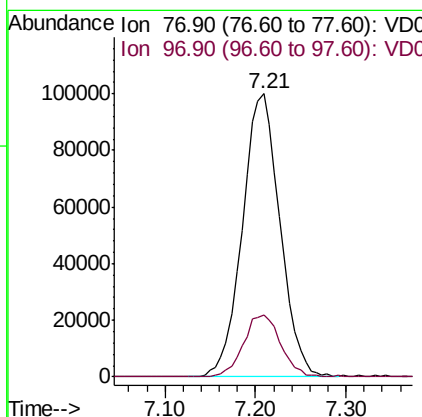
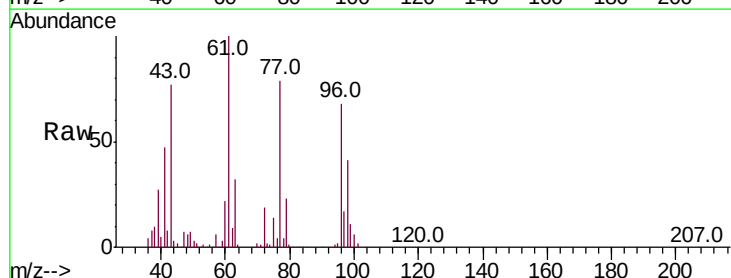
Instrument :
MSVOA_D
ClientSampleId :

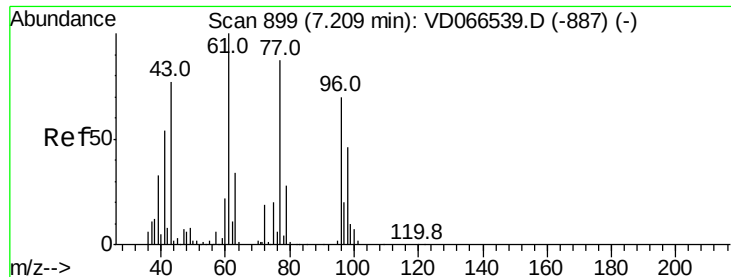
Tot Ion: 43 Resp: 256696
Ion Ratio Lower Upper
43 100
72 24.1 19.8 29.6



#26
2,2-Dichloropropane
Concen: 44.816 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion: 77 Resp: 288638
Ion Ratio Lower Upper
77 100
97 21.7 10.8 32.3



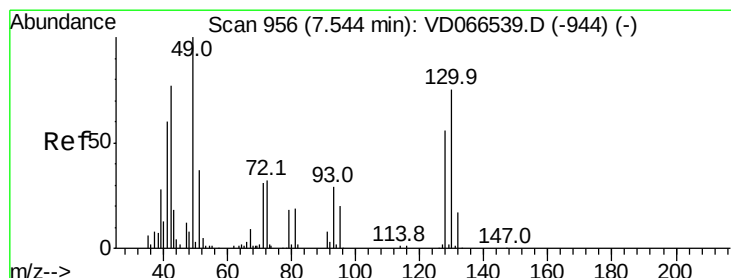
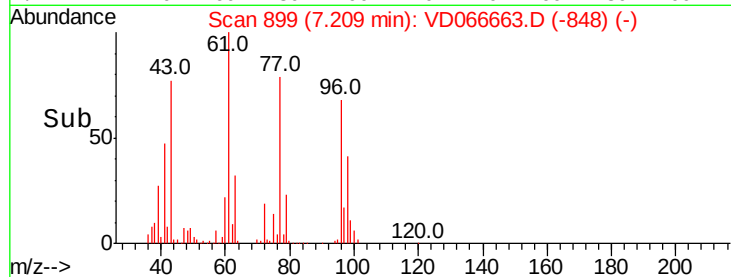
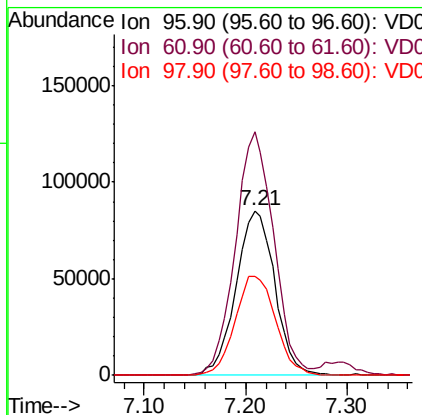
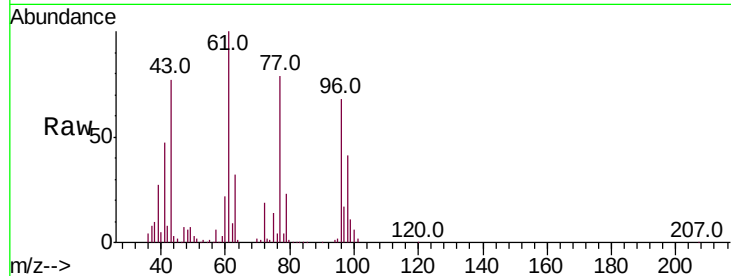


#27

cis-1,2-Dichloroethene
 Concen: 53.627 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampled :

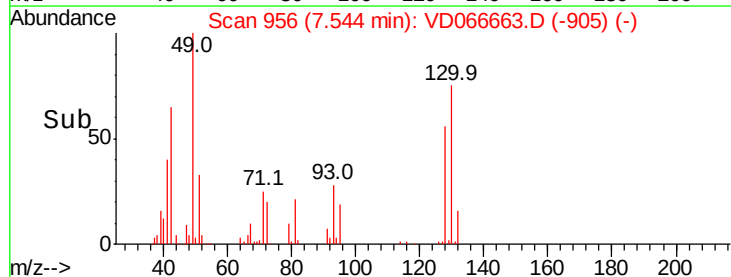
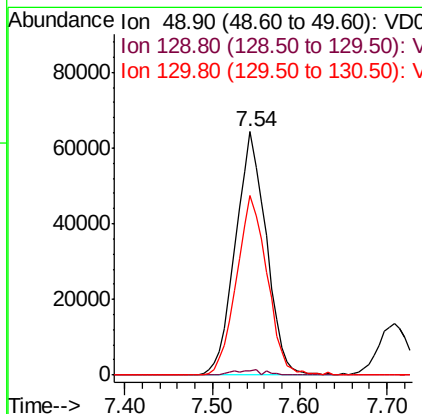
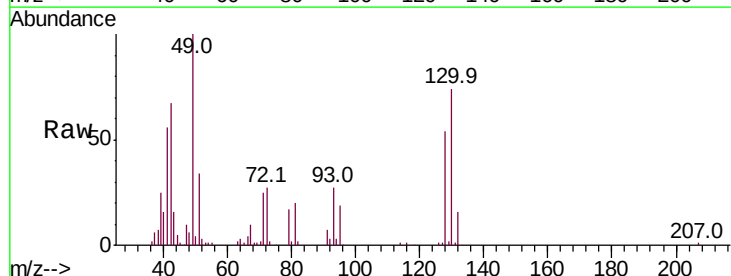
Tot Ion	96	Resp	226873
Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	301.0
98	63.3	0.0	129.8

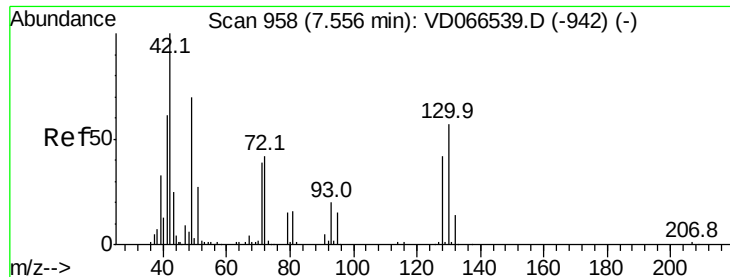


#28

Bromochloromethane
 Concen: 56.761 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion	49	Resp	153433
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.6
130	73.3	58.2	87.2

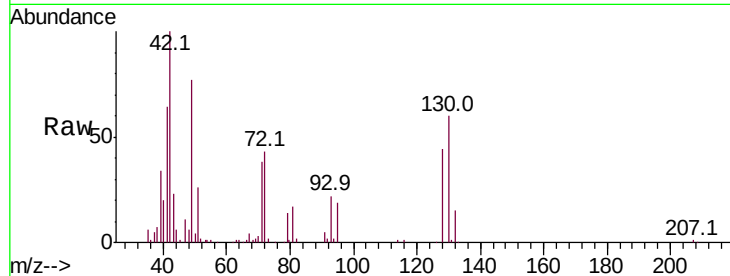




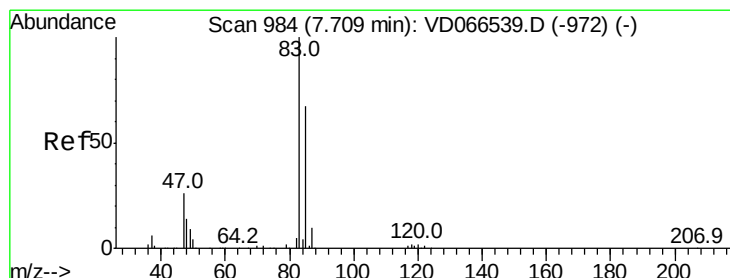
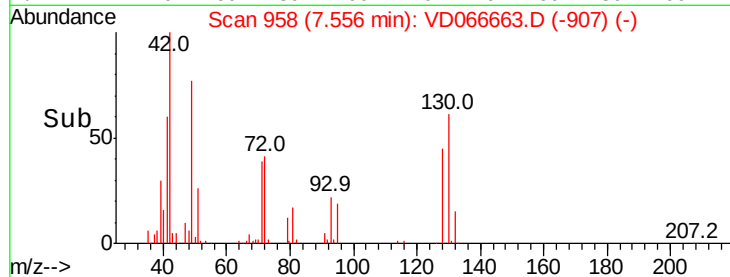
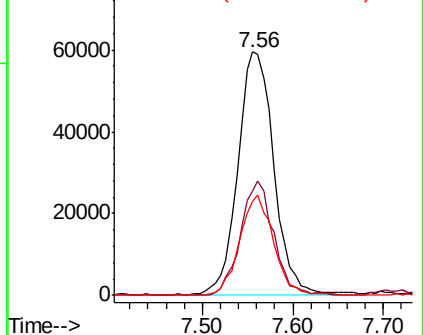
#29
Tetrahydrofuran
Concen: 269.045 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 42 Resp: 164653
Ion Ratio Lower Upper
42 100
72 43.1 33.4 50.0
71 38.3 31.9 47.9

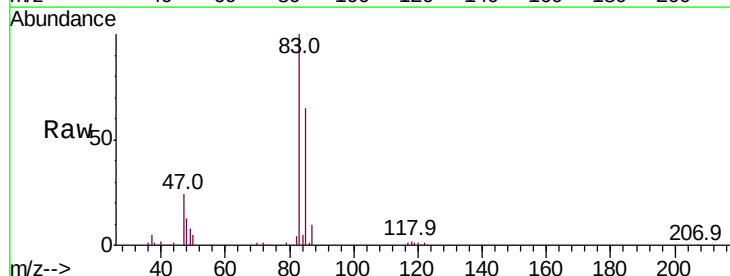


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

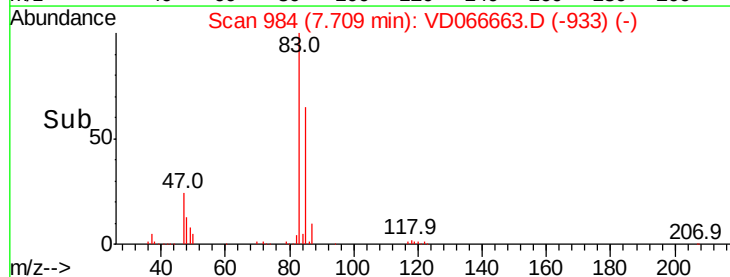
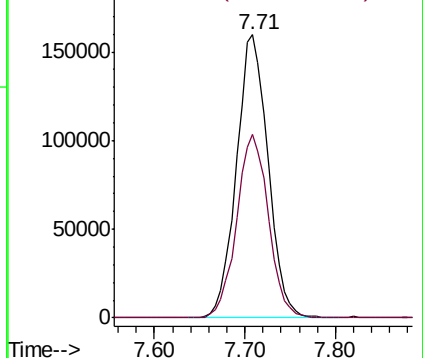


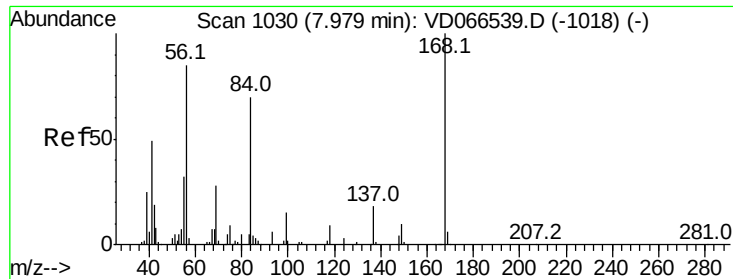
#30
Chloroform
Concen: 52.118 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion: 83 Resp: 387135
Ion Ratio Lower Upper
83 100
85 64.9 53.6 80.4



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

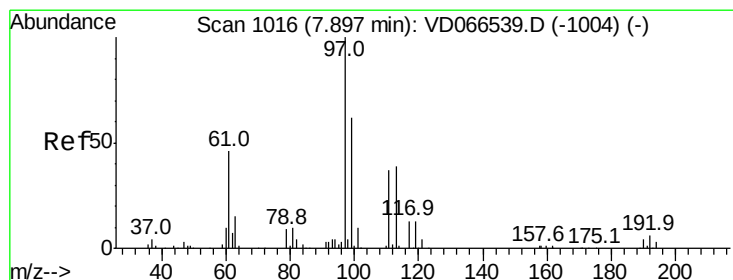
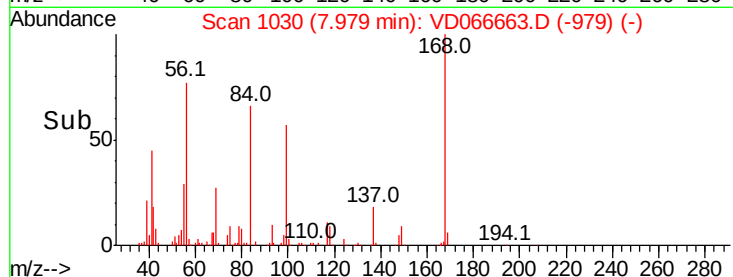
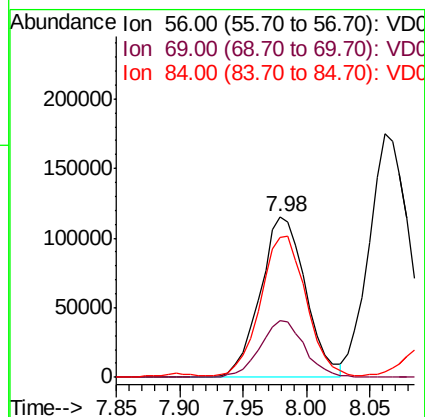
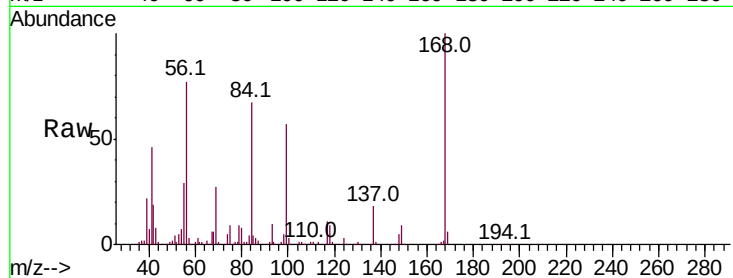




#31
Cyclohexane
Concen: 44.434 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

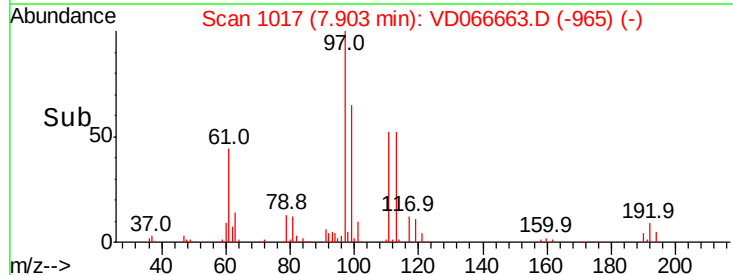
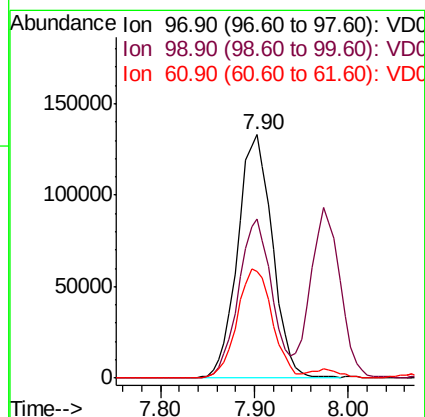
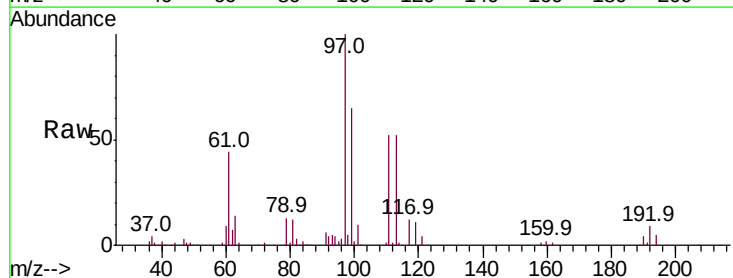
Instrument :
MSVOA_D
ClientSampled :

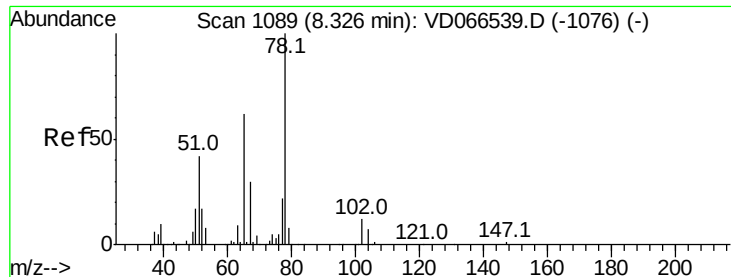
Tot Ion: 56 Resp: 288394
Ion Ratio Lower Upper
56 100
69 35.2 26.3 39.5
84 85.2 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 48.834 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion: 97 Resp: 341050
Ion Ratio Lower Upper
97 100
99 62.9 51.4 77.0
61 45.5 37.4 56.0

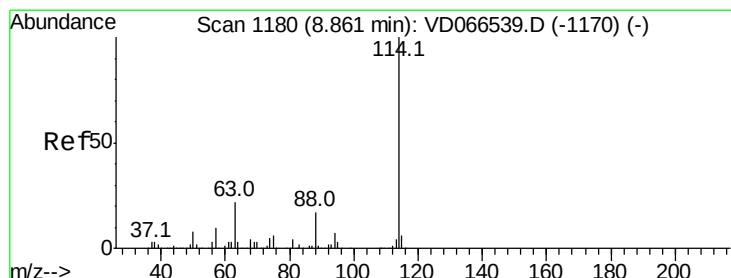
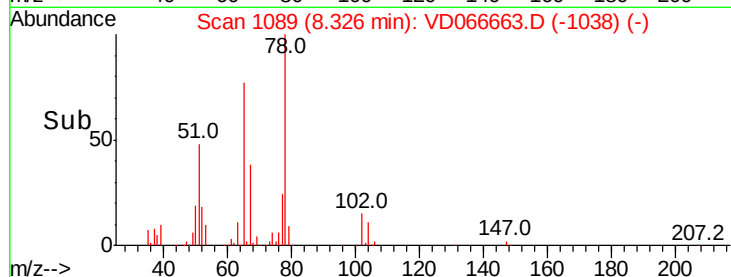
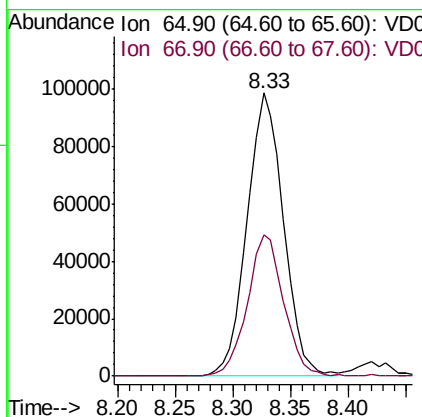
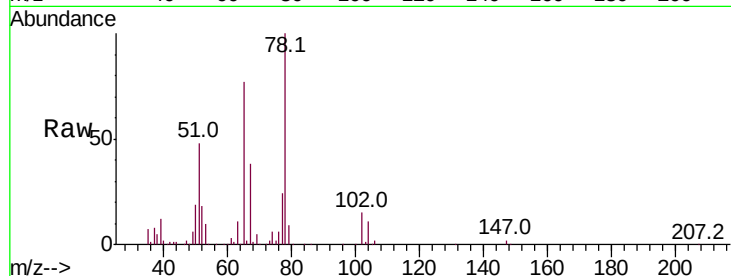




#33
 1,2-Dichloroethane-d4
 Concen: 54.535 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

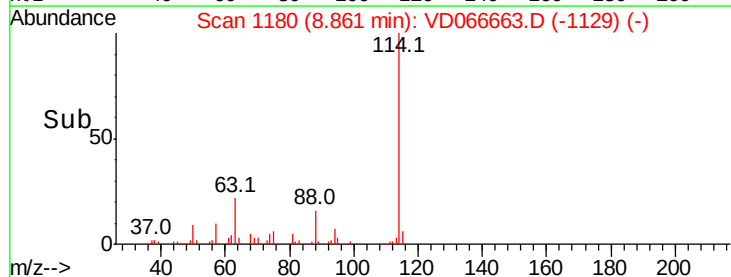
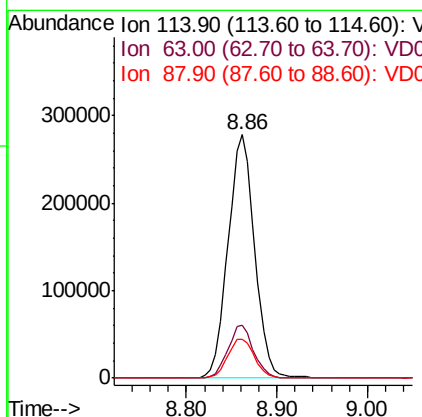
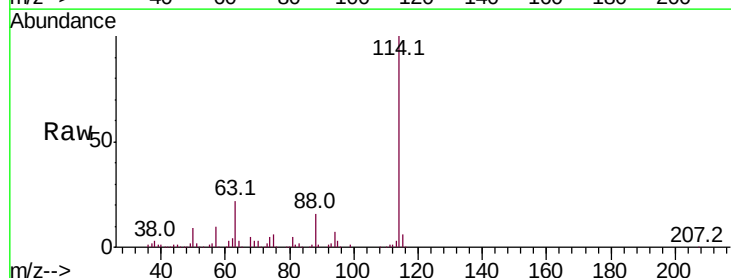
Instrument :
 MSVOA_D
 ClientSampled :

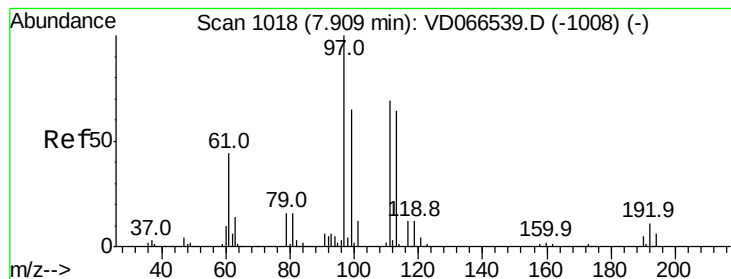
Tot Ion: 65 Resp: 216965
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion: 114 Resp: 566601
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.851 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

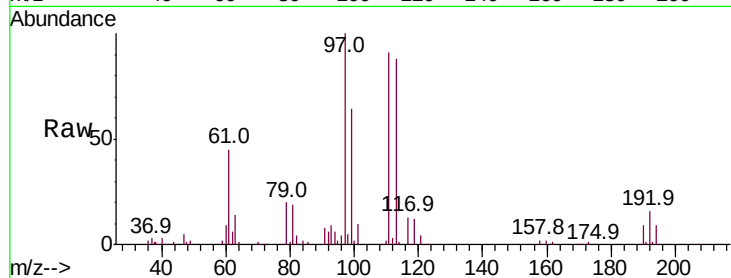
Tot Ion:113 Resp: 202015

Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

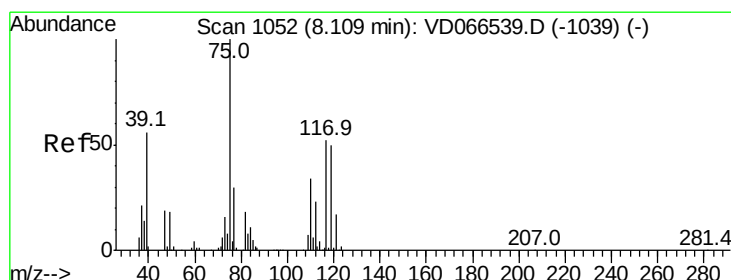
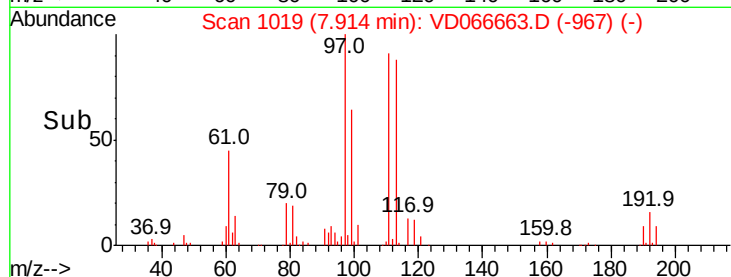
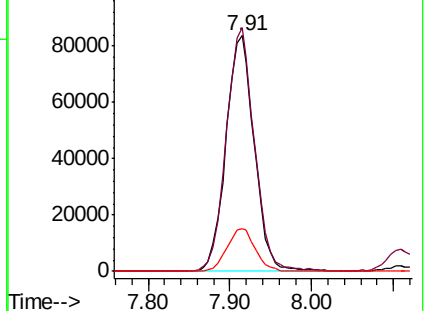
192 18.1 13.7 20.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.605 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

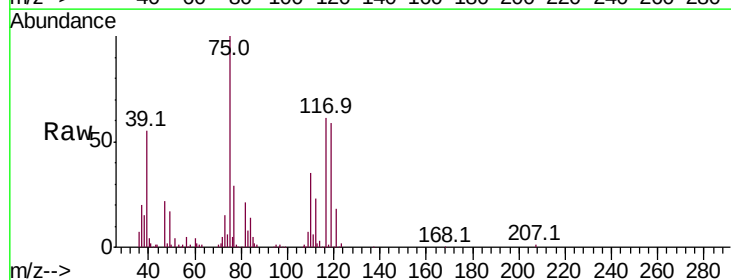
Tgt Ion: 75 Resp: 274813

Ion Ratio Lower Upper

75 100

110 34.5 17.3 52.0

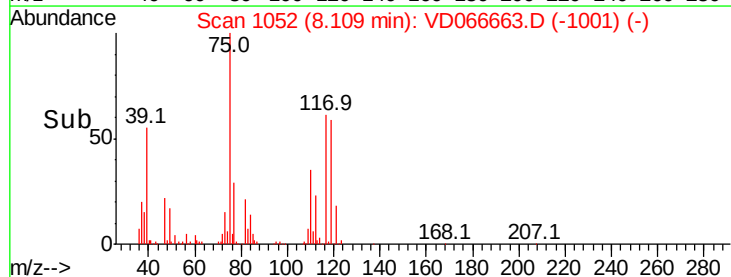
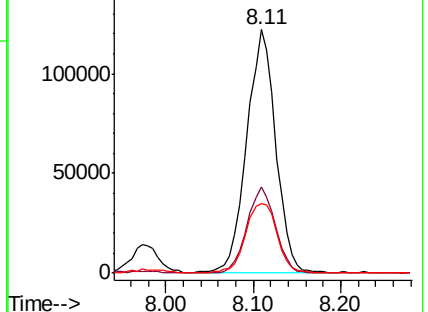
77 31.2 25.1 37.7

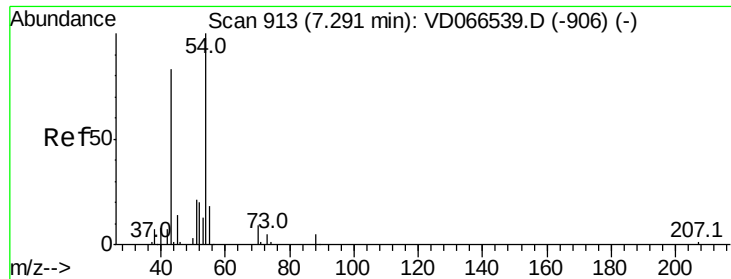


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

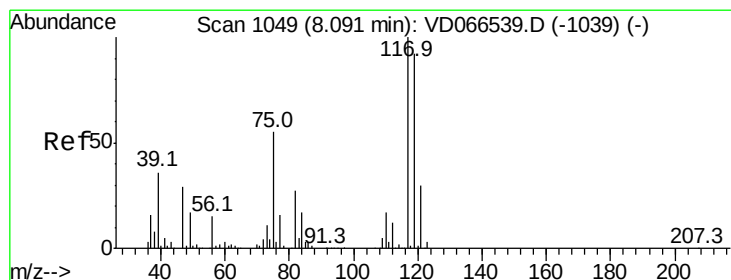
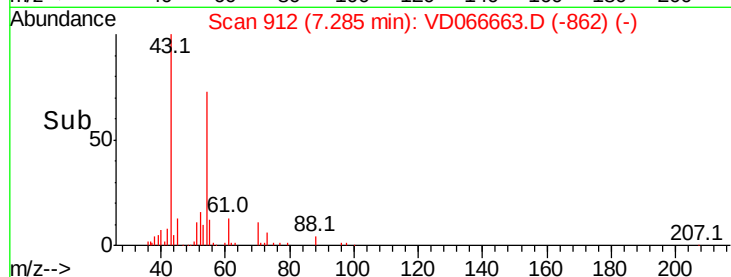
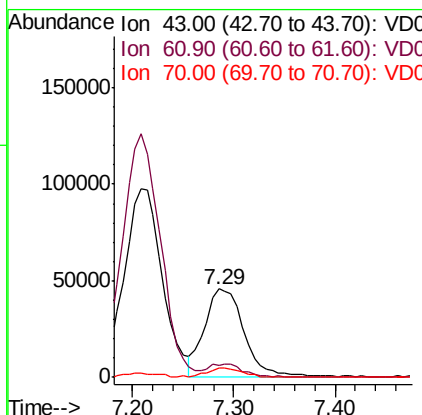
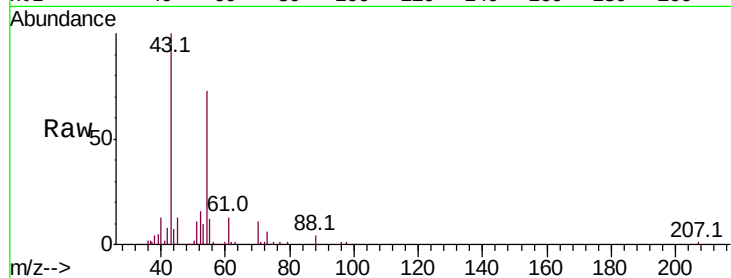




#37
Ethyl Acetate
Concen: 52.016 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

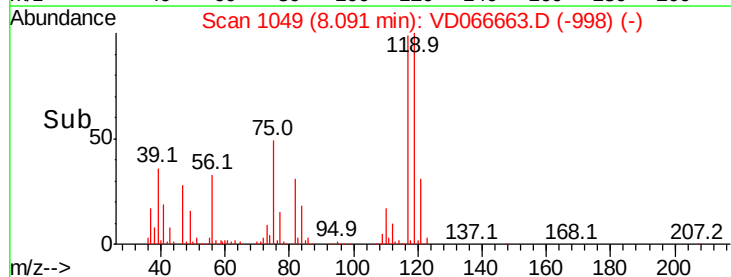
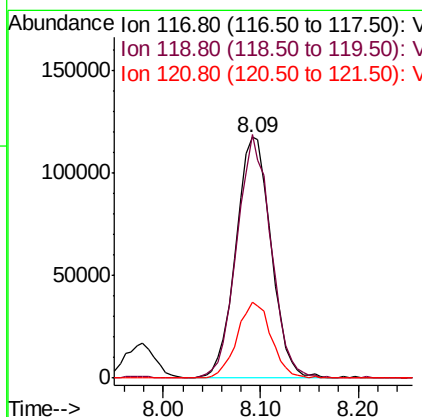
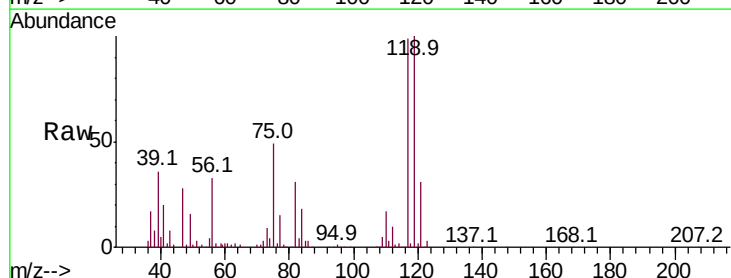
Instrument :
MSVOA_D
ClientSampleId :

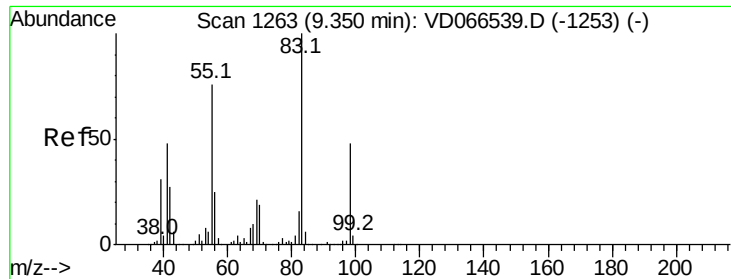
Tot Ion: 43 Resp: 122135
Ion Ratio Lower Upper
43 100
61 13.2 11.8 17.8
70 10.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 46.968 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion: 117 Resp: 292735
Ion Ratio Lower Upper
117 100
119 101.4 73.9 110.9
121 31.9 24.1 36.1

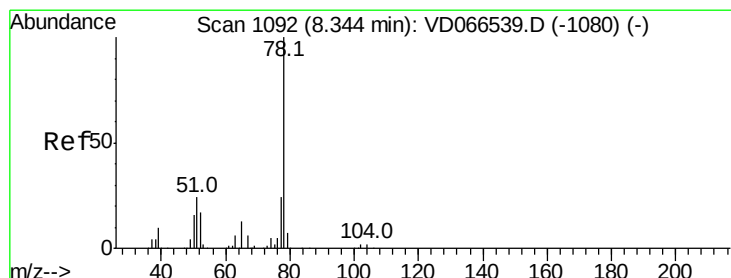
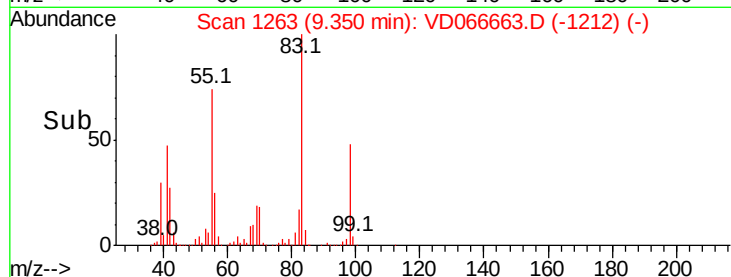
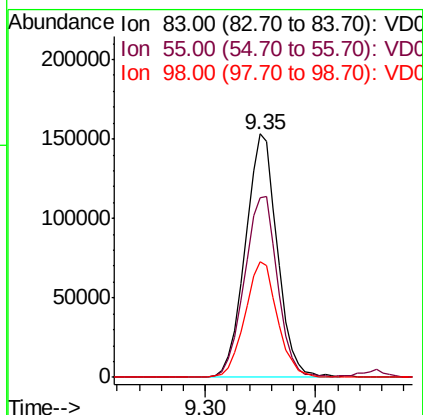
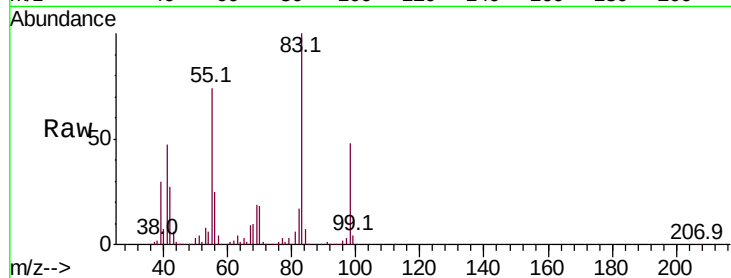




#39
Methylvlcyclohexane
Concen: 47.173 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

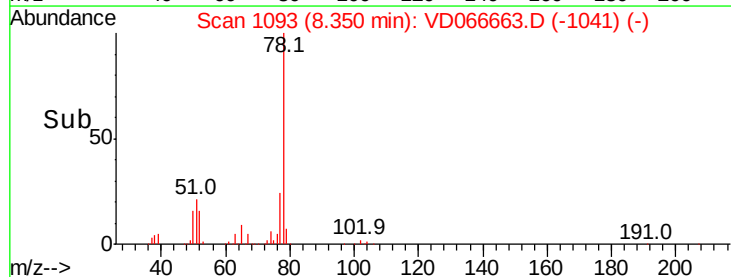
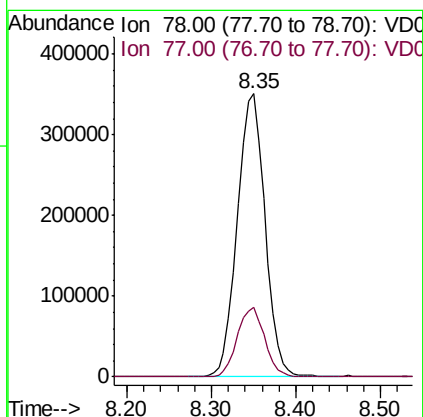
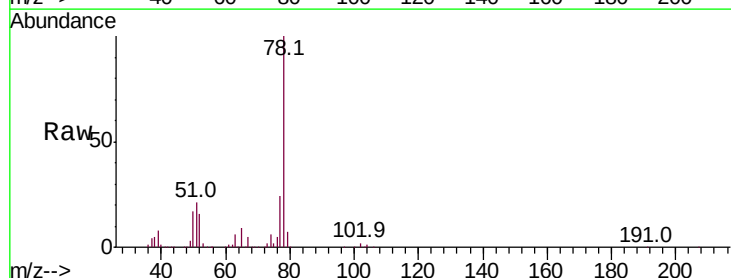
Instrument :
MSVOA_D
ClientSampleId :

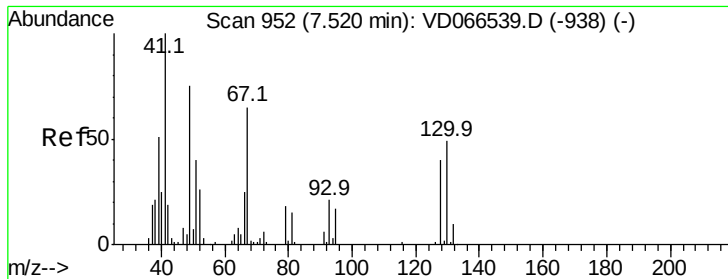
Tot Ion	83	Resp	310608
Ion	Ratio	Lower	Upper
83	100		
55	73.9	60.8	91.2
98	47.6	38.6	58.0



#40
Benzene
Concen: 49.377 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	78	Resp	797410
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7

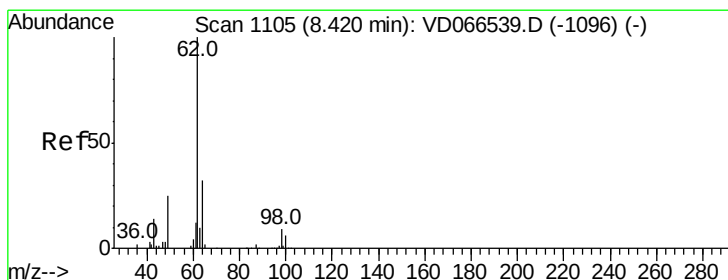
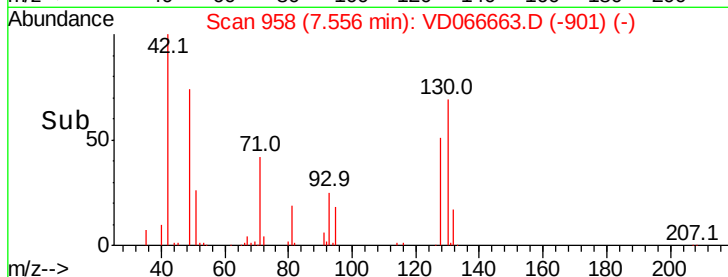
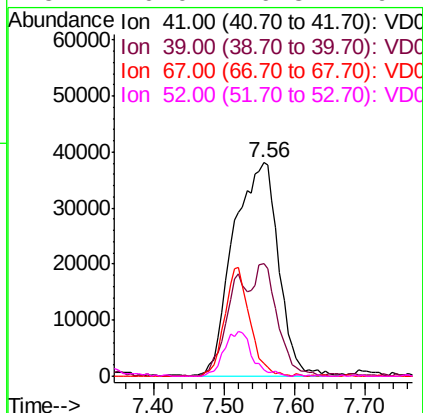
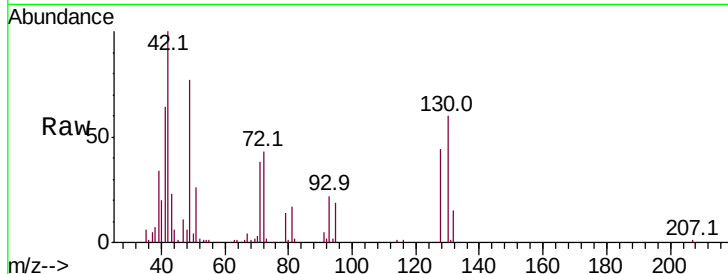




#41
Methacrylonitrile
Concen: 149.362 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.04 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

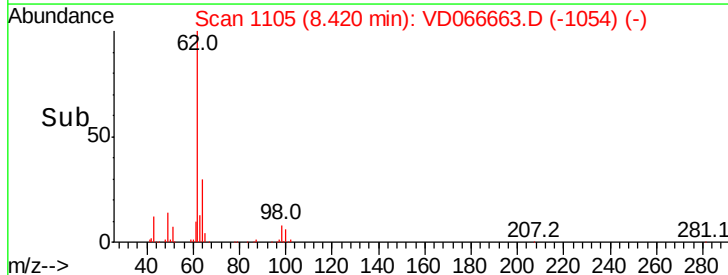
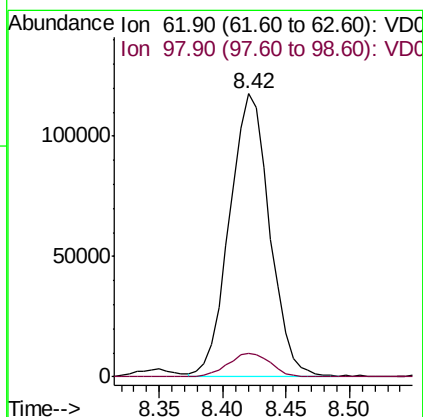
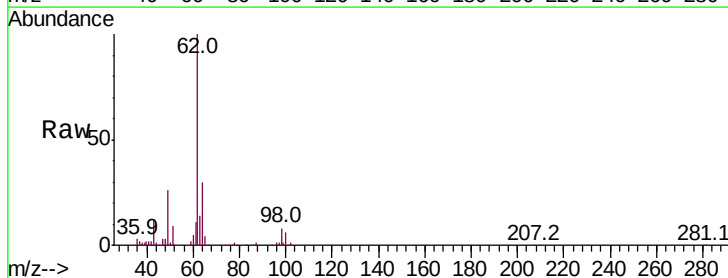
Instrument :
MSVOA_D
ClientSampleId :

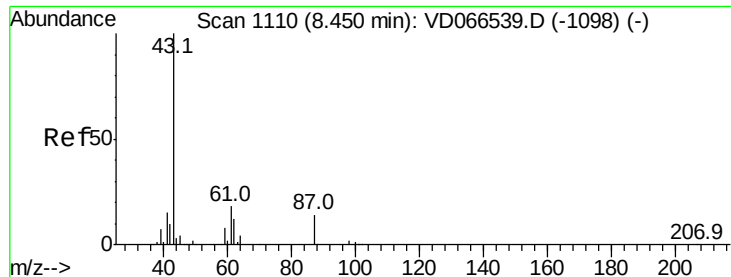
Tot Ion: 41 Resp: 169761
Ion Ratio Lower Upper
41 100
39 26.3 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#



#42
1,2-Dichloroethane
Concen: 49.013 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion: 62 Resp: 256462
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.6





#43

Isopropyl Acetate

Concen: 50.085 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

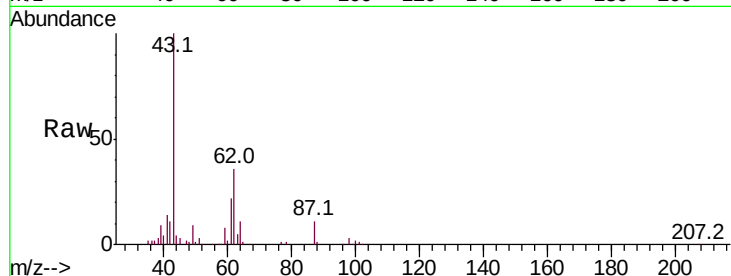
Tot Ion: 43 Resp: 225365

Ion Ratio Lower Upper

43 100

61 30.7 23.8 35.8

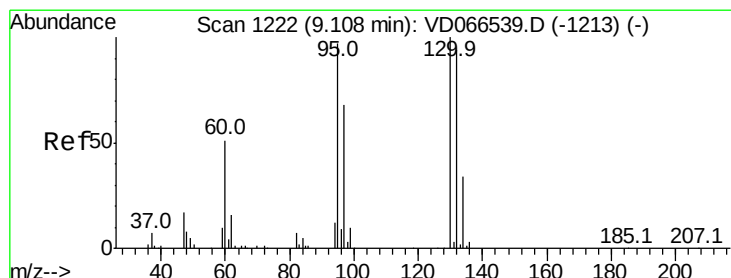
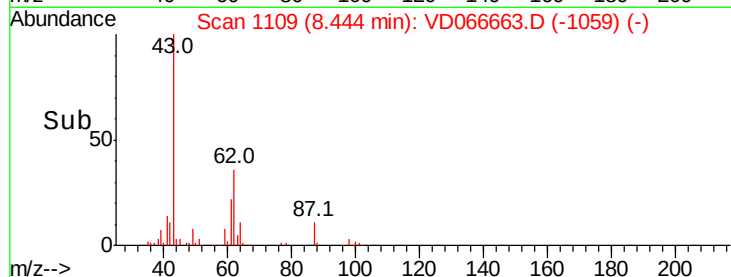
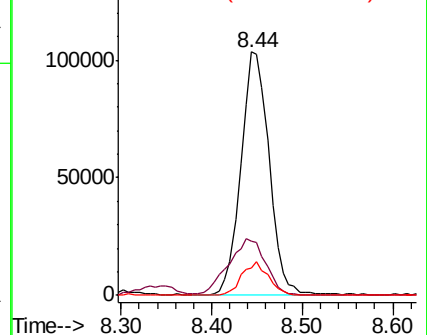
87 12.9 10.7 16.1



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: 49.357 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066663.D

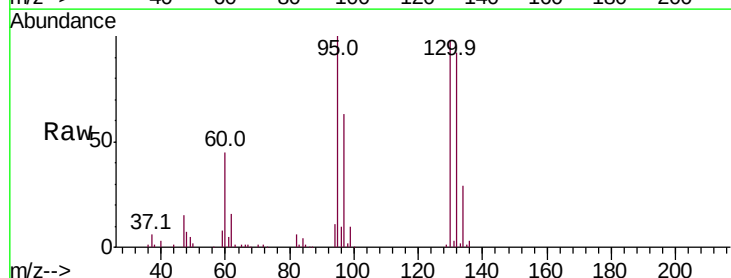
Acq: 11 Sep 2020 21:58

Tgt Ion:130 Resp: 209084

Ion Ratio Lower Upper

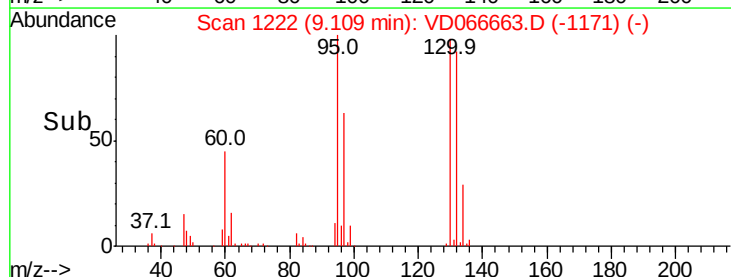
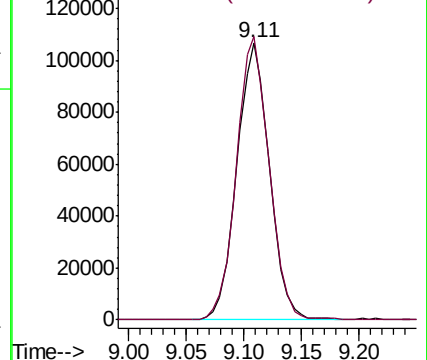
130 100

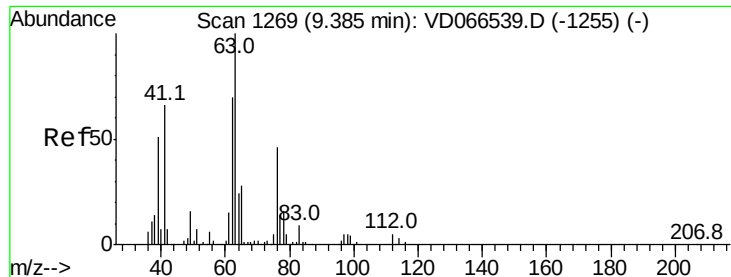
95 101.8 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.661 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

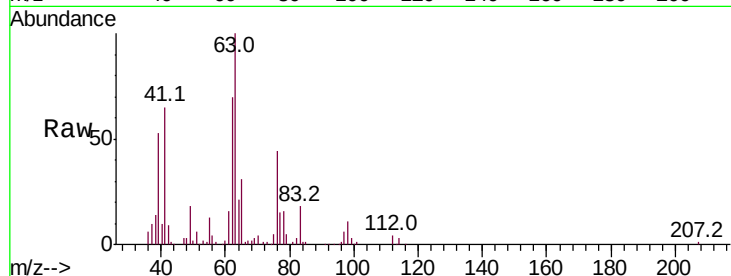
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 63 Resp: 205750

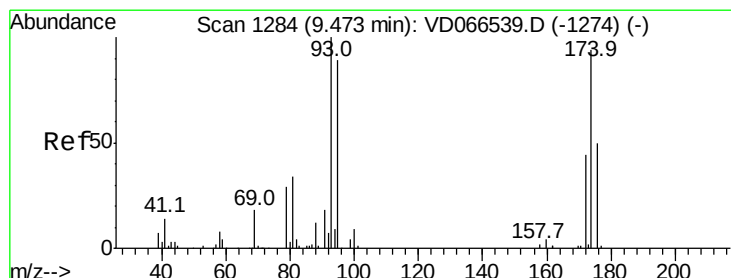
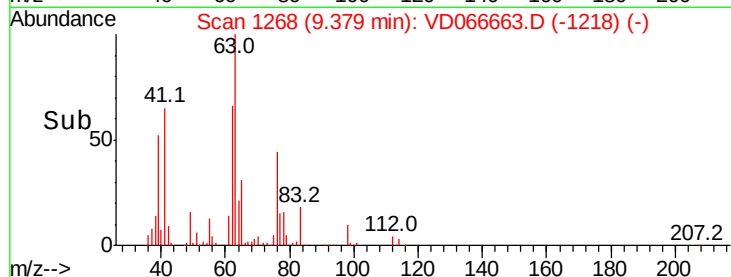
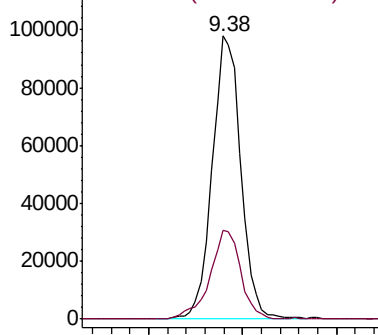
Ion Ratio Lower Upper

63 100

65 31.0 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 50.691 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

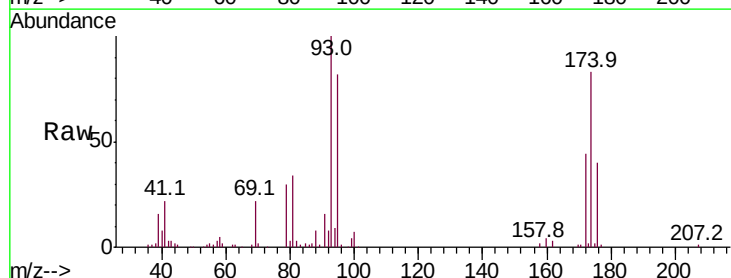
Tgt Ion: 93 Resp: 113582

Ion Ratio Lower Upper

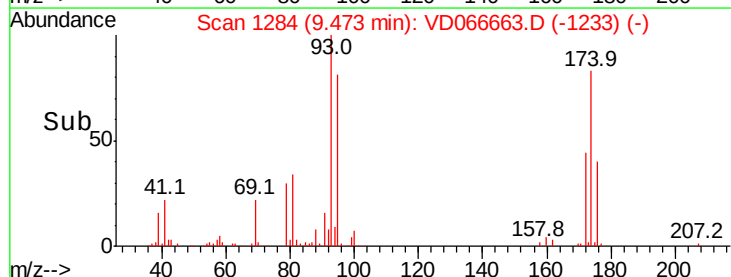
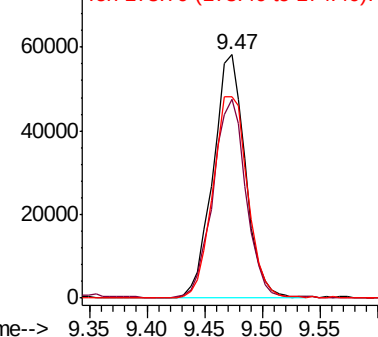
93 100

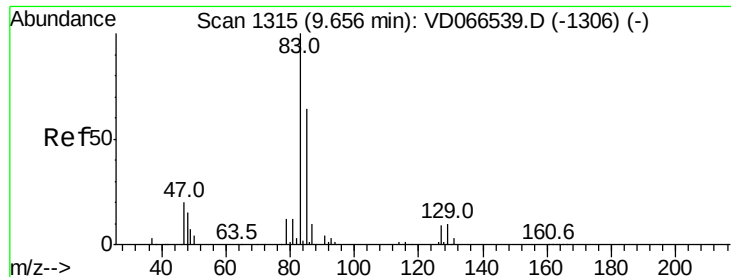
95 84.0 68.7 103.1

174 88.9 70.0 105.0



Abundance Ion 92.80 (92.50 to 93.50): VDC
Ion 94.80 (94.50 to 95.50): VDC
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.255 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

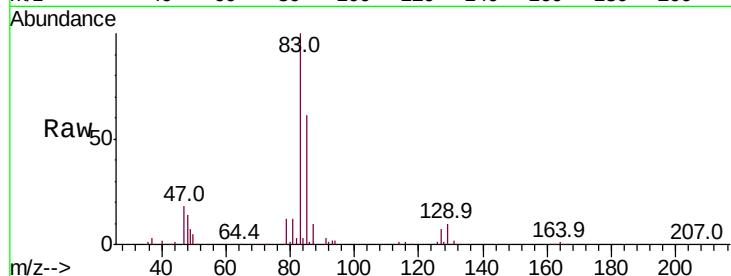
Tot Ion: 83 Resp: 310717

Ion Ratio Lower Upper

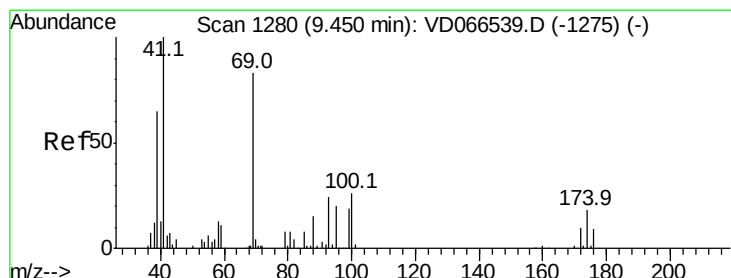
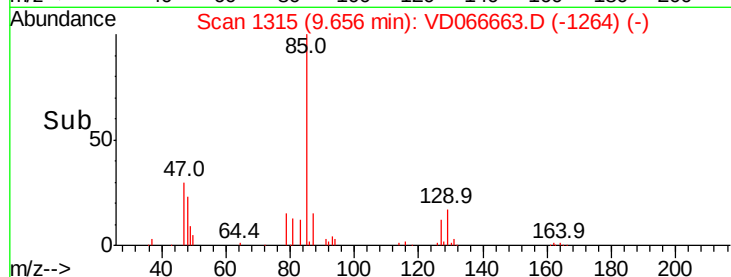
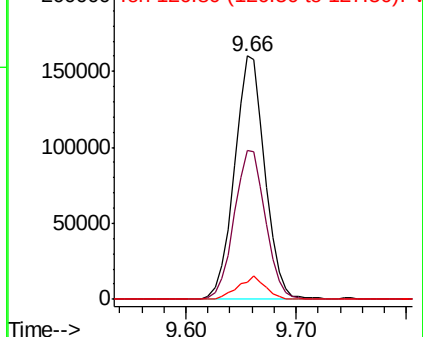
83 100

85 61.3 51.1 76.7

127 7.2 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: 48.953 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

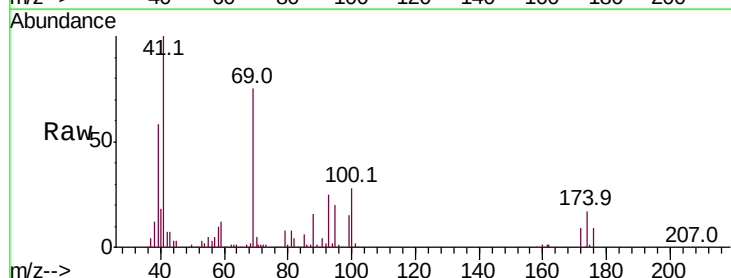
Tgt Ion: 41 Resp: 111382

Ion Ratio Lower Upper

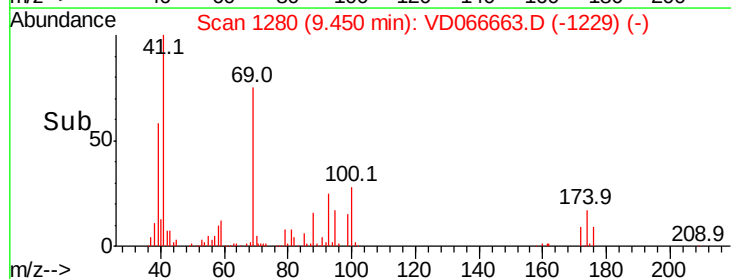
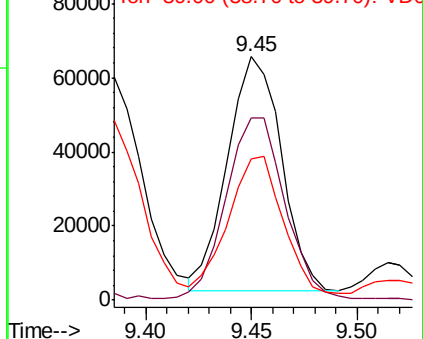
41 100

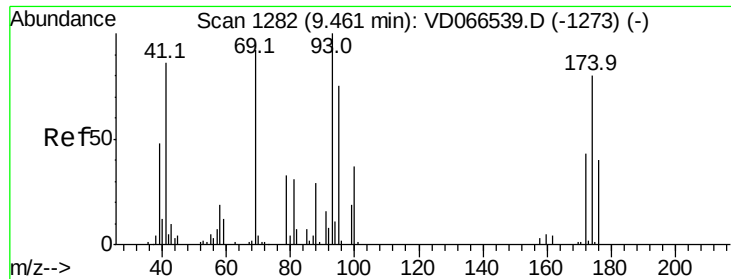
69 85.3 64.5 96.7

39 58.9 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

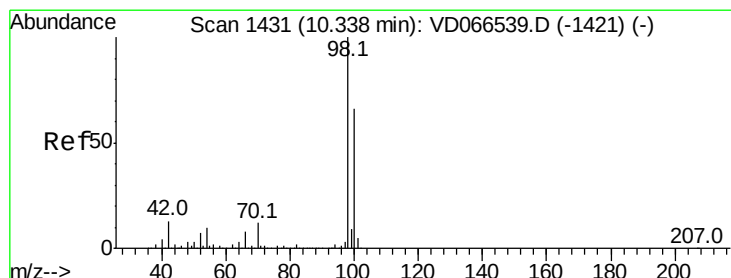
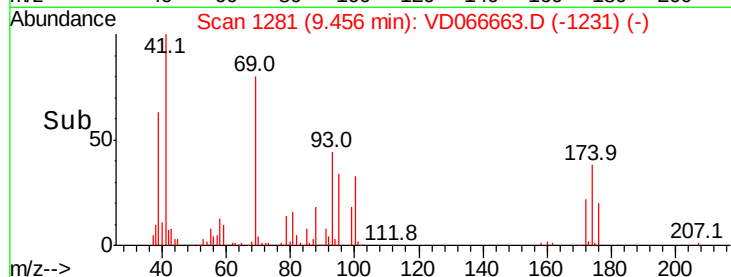
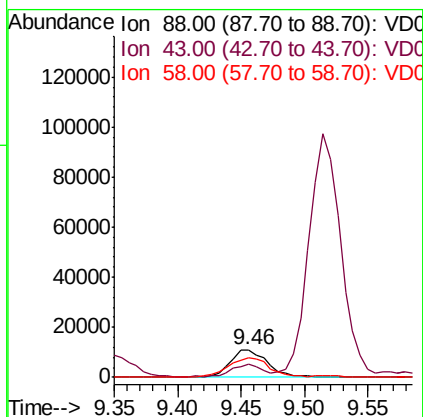
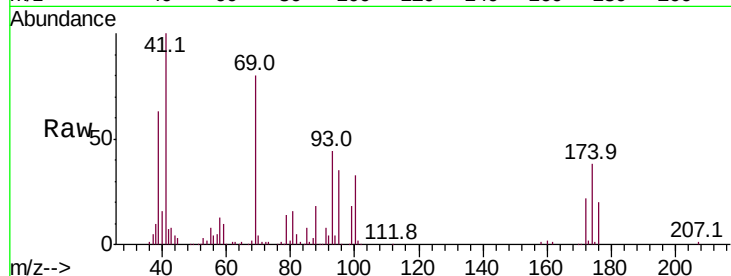




#49
 1,4-Dioxane
 Concen: 918.078 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

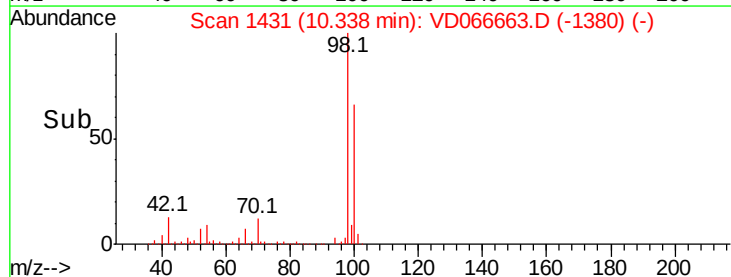
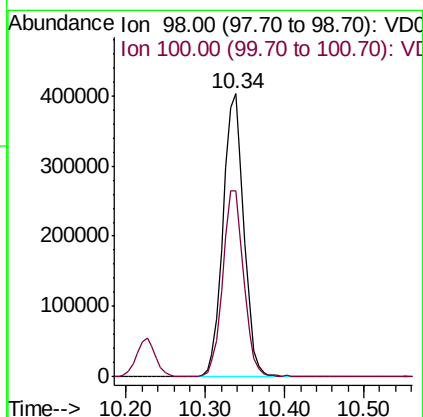
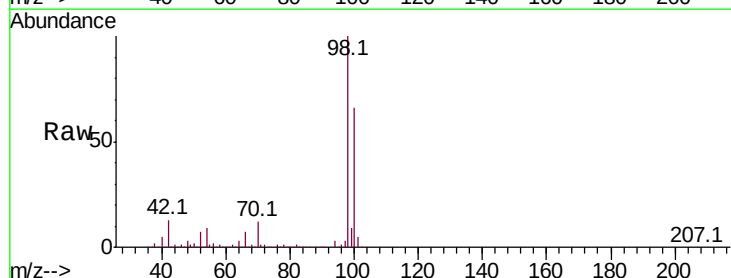
Instrument :
 MSVOA_D
 ClientSampleId :

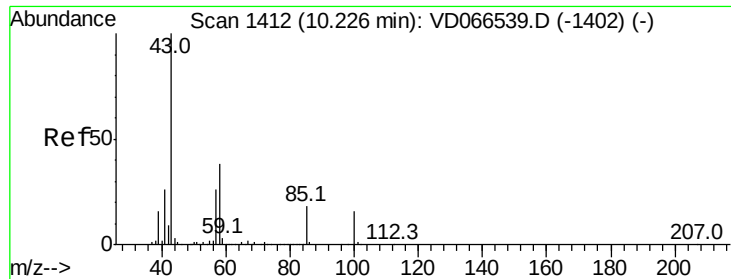
Tot Ion: 88 Resp: 22568
 Ion Ratio Lower Upper
 88 100
 43 35.4 28.3 42.5
 58 76.7 56.1 84.1



#50
 Toluene-d8
 Concen: 53.548 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion: 98 Resp: 731550
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 265.351 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

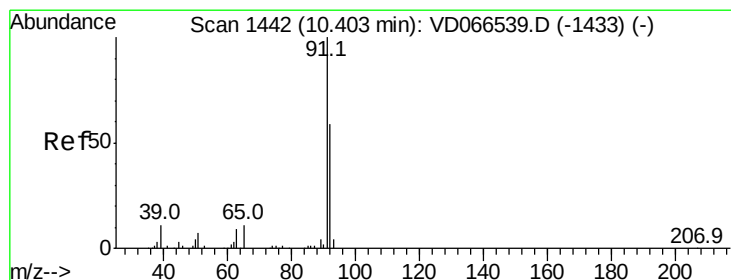
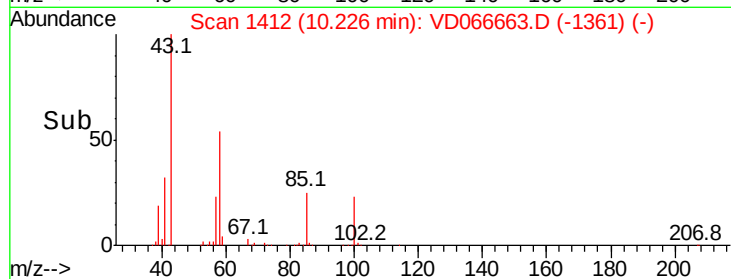
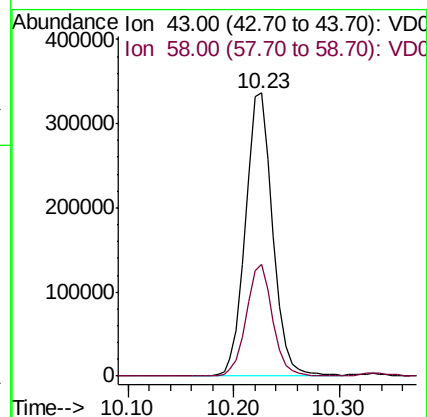
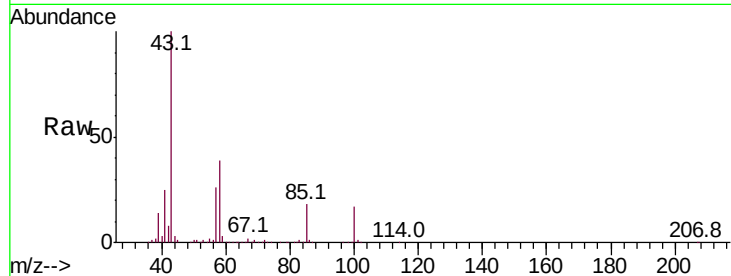
ClientSampleId :

Tot Ion: 43 Resp: 602166

Ion Ratio Lower Upper

43 100

58 38.0 30.5 45.7



#52

Toluene

Concen: 51.253 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066663.D

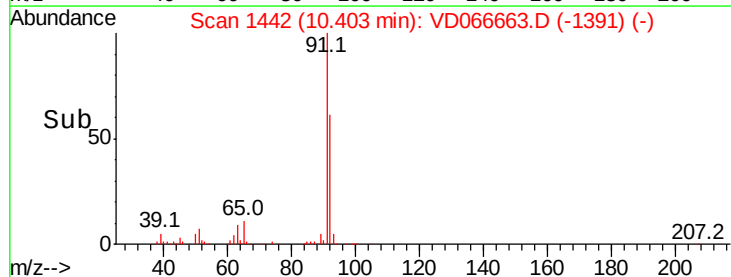
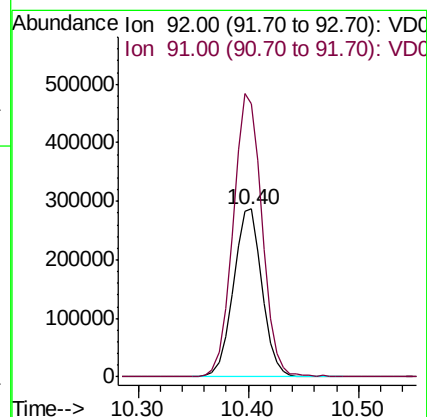
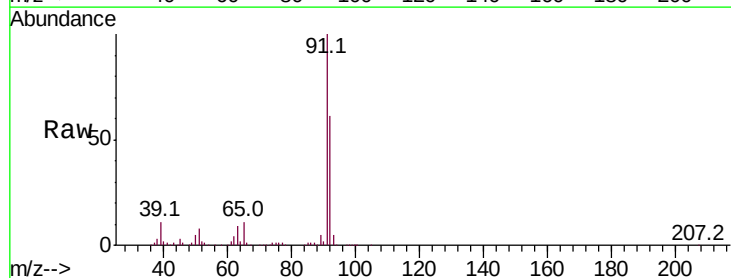
Acq: 11 Sep 2020 21:58

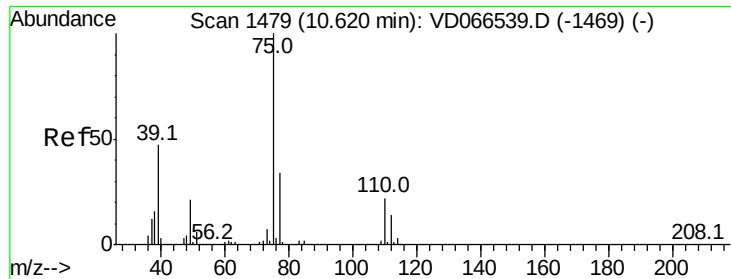
Tgt Ion: 92 Resp: 523947

Ion Ratio Lower Upper

92 100

91 169.3 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 51.302 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

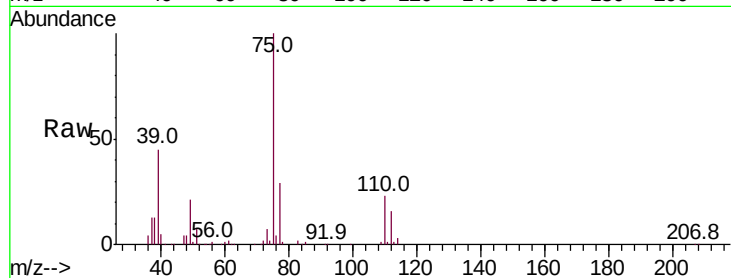
ClientSampleId :

Tot Ion: 75 Resp: 274545

Ion Ratio Lower Upper

75 100

77 28.9 27.4 41.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

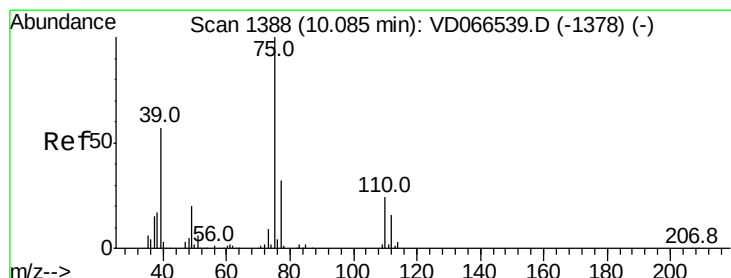
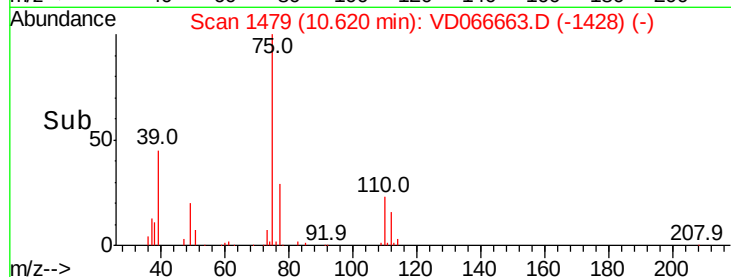
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 50.513 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

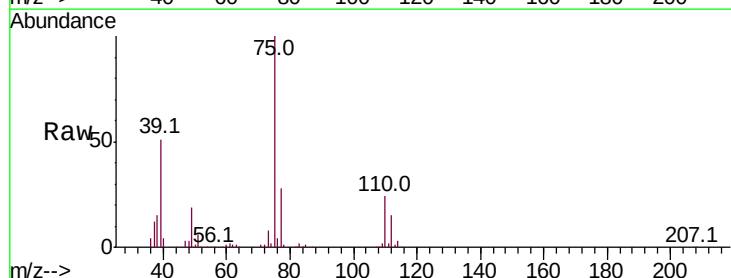
Tgt Ion: 75 Resp: 324626

Ion Ratio Lower Upper

75 100

77 28.4 25.4 38.0

39 51.2 45.4 68.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

250000

200000

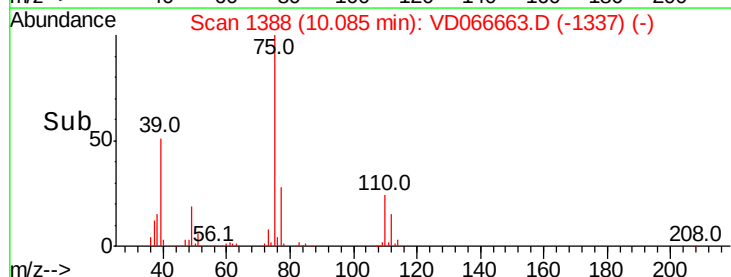
150000

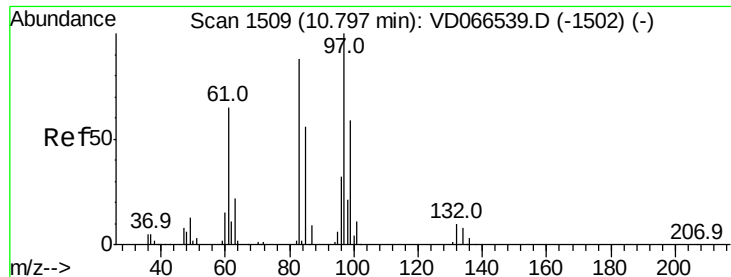
100000

50000

0

Time--> 10.00 10.10





#55

1,1,2-Trichloroethane

Concen: 51.865 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 149421

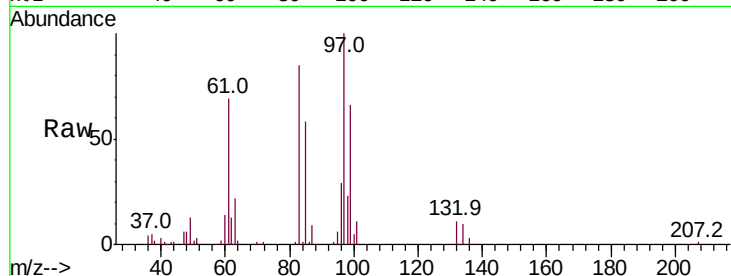
Ion Ratio Lower Upper

97 100

83 84.5 70.1 105.1

85 57.7 44.5 66.7

99 65.8 47.1 70.7

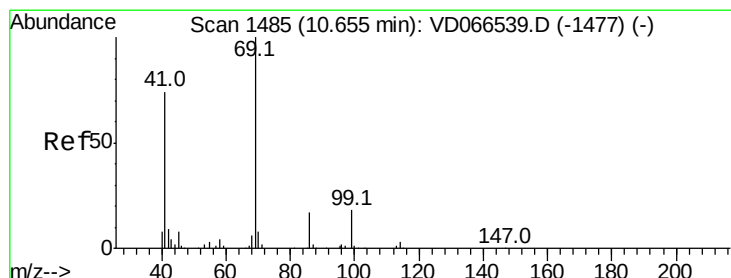
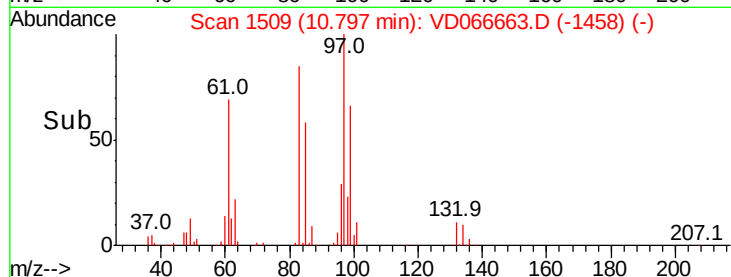
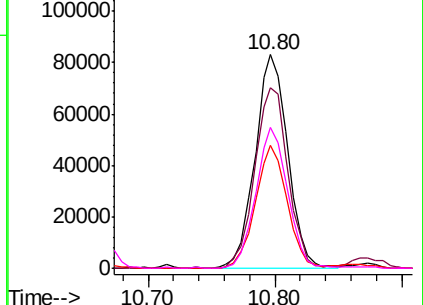


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 54.256 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

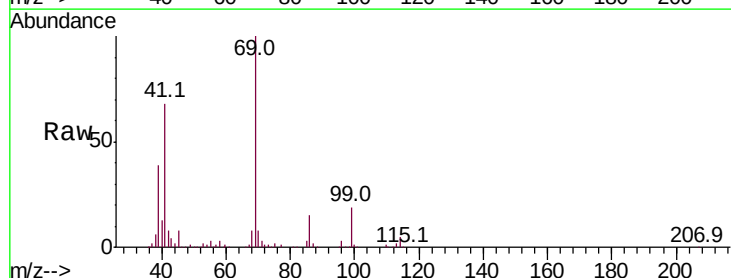
Tgt Ion: 69 Resp: 181996

Ion Ratio Lower Upper

69 100

41 69.7 56.8 85.2

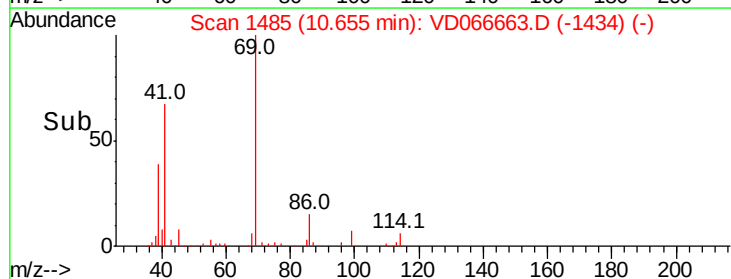
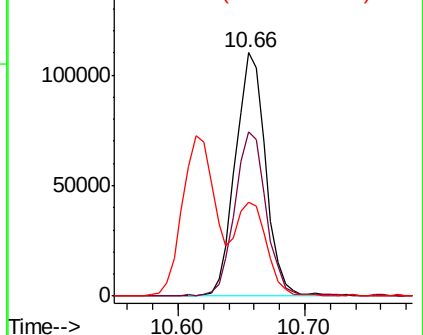
39 39.5 30.6 46.0

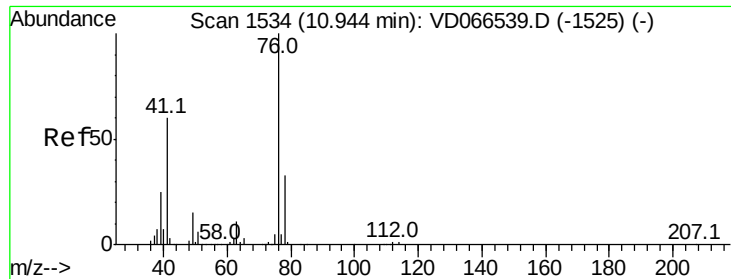


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 51.964 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

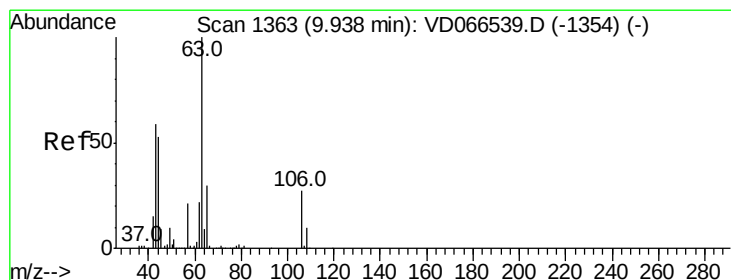
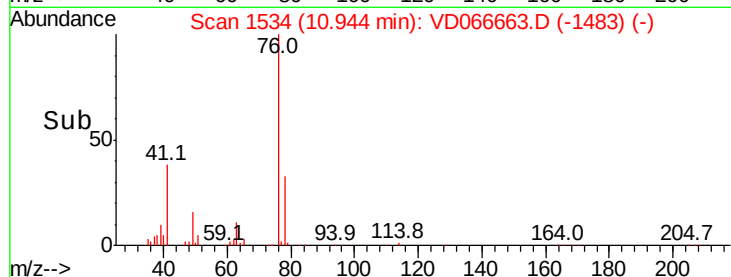
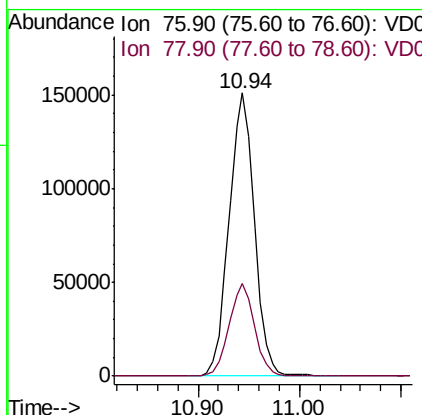
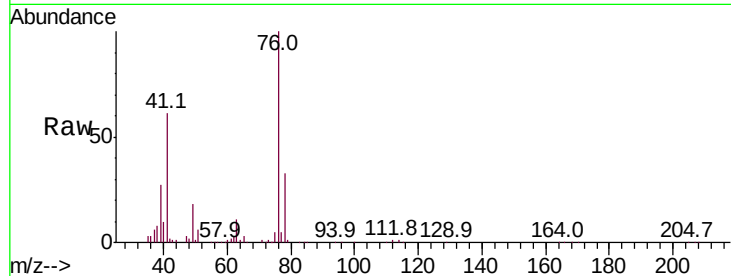
Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 76 Resp: 262219

Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 275.640 ug/l

RT: 9.94 min Scan# 1363

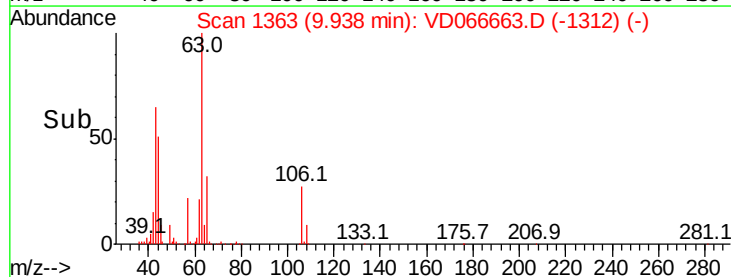
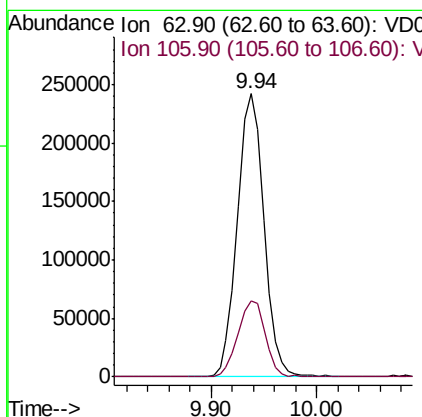
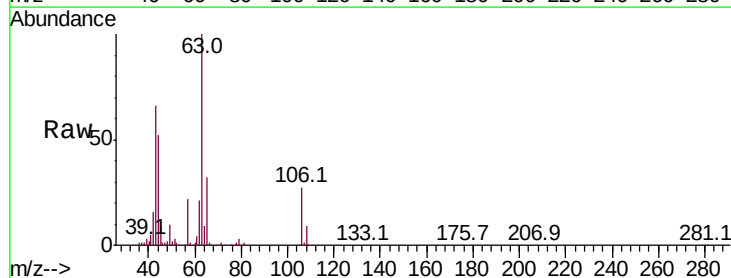
Delta R.T. 0.00 min

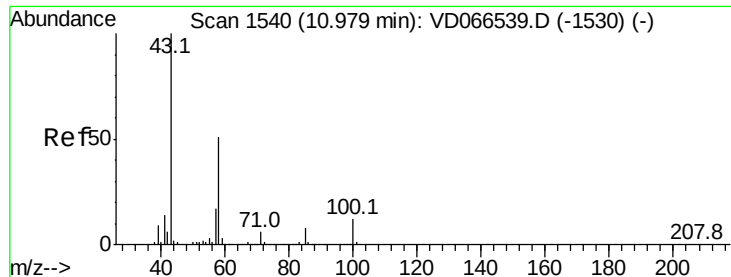
Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Tgt Ion: 63 Resp: 422909

Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.0	33.0

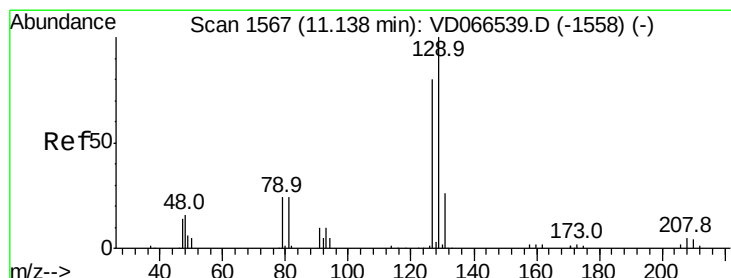
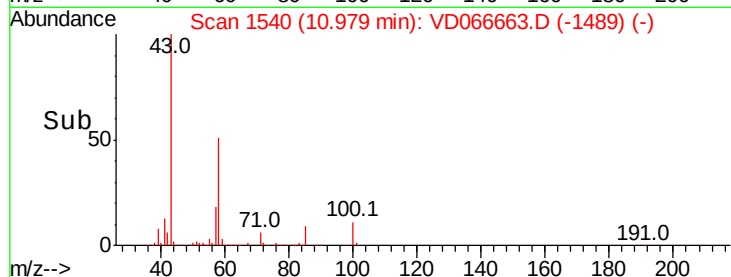
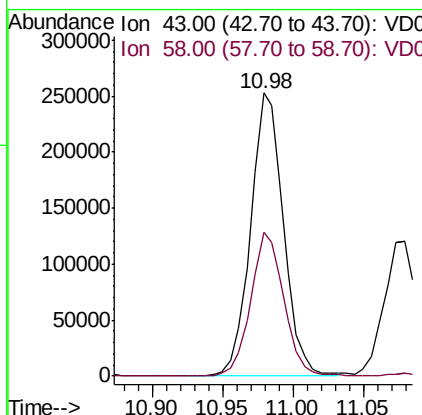
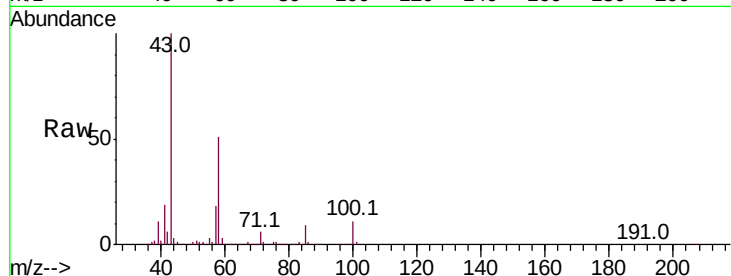




#59
2-Hexanone
Concen: 271.003 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

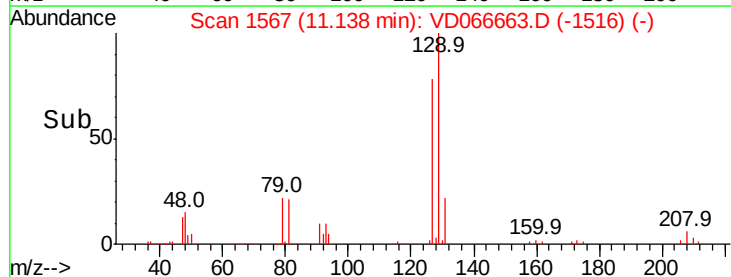
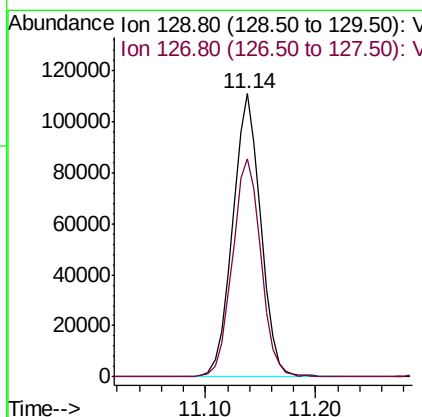
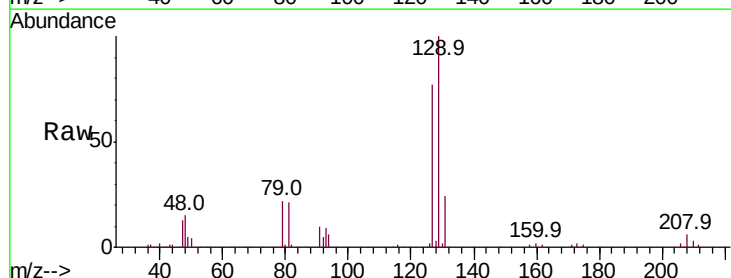
Instrument :
MSVOA_D
ClientSampled :

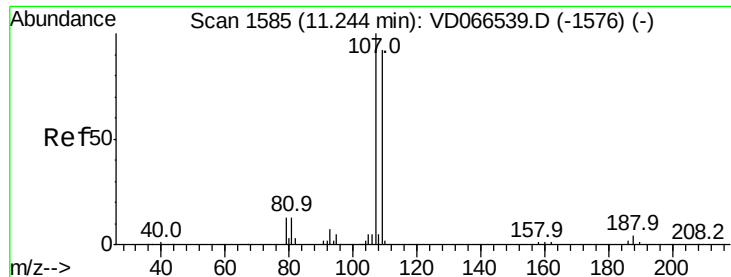
Tot Ion: 43 Resp: 413570
Ion Ratio Lower Upper
43 100
58 51.2 25.6 76.8



#60
Dibromochloromethane
Concen: 51.913 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion: 129 Resp: 197769
Ion Ratio Lower Upper
129 100
127 78.0 39.5 118.3

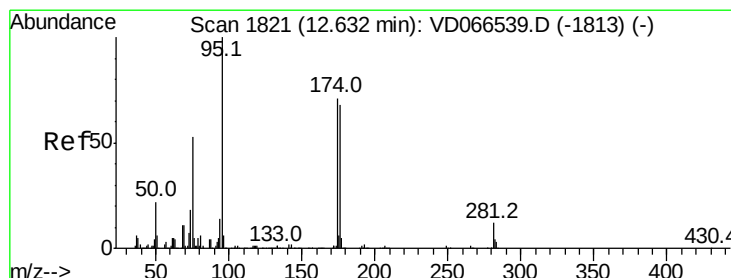
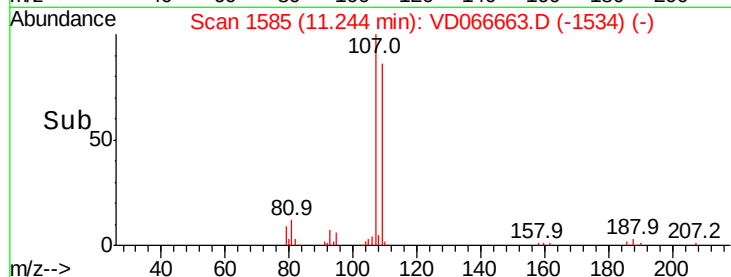
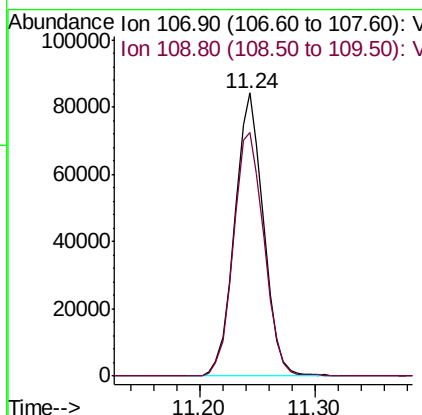
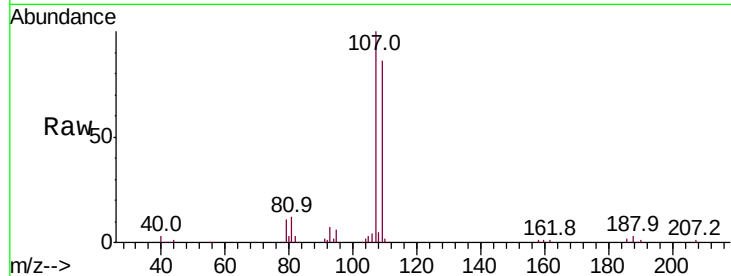




#61
 1,2-Dibromoethane
 Concen: 51.704 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

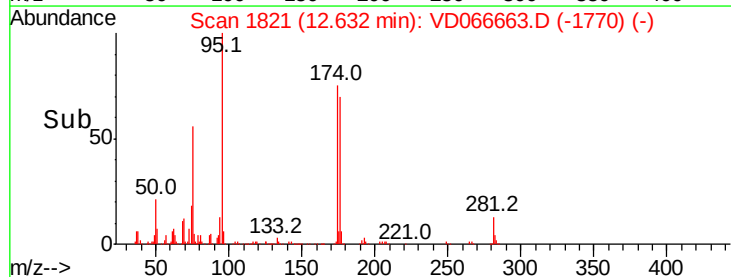
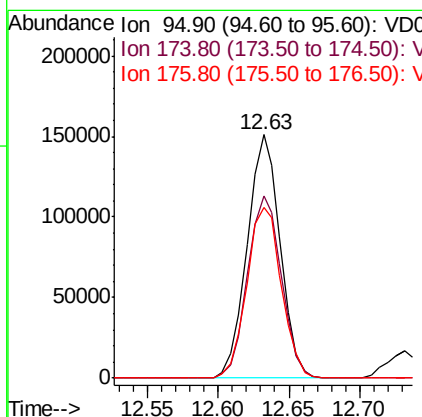
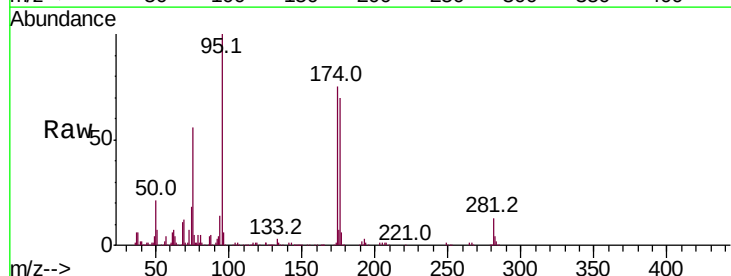
Instrument :
 MSVOA_D
 ClientSampleId :

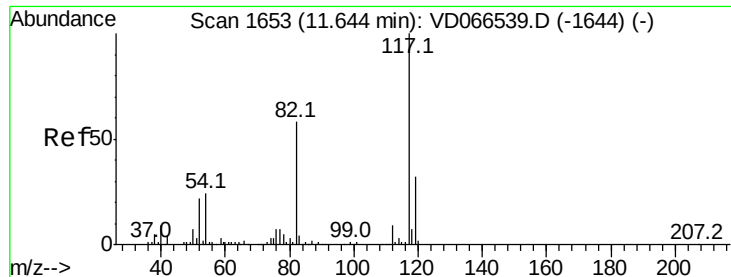
Tot Ion:107 Resp: 144918
 Ion Ratio Lower Upper
 107 100
 109 91.7 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 54.729 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion: 95 Resp: 247924
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 155.8
 176 73.5 0.0 148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

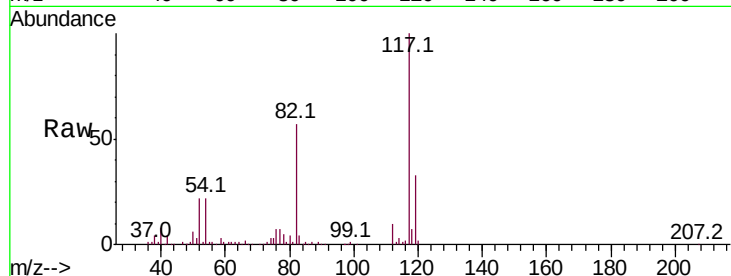
Tot Ion:117 Resp: 533084

Ion Ratio Lower Upper

117 100

82 56.5 46.2 69.2

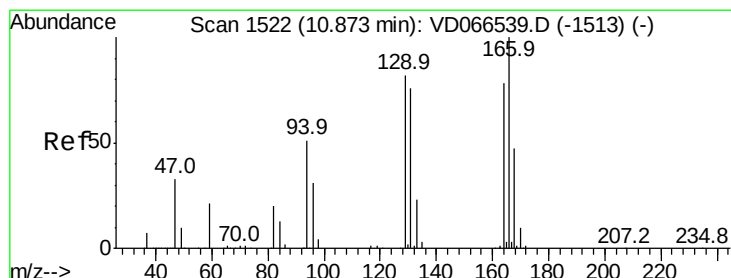
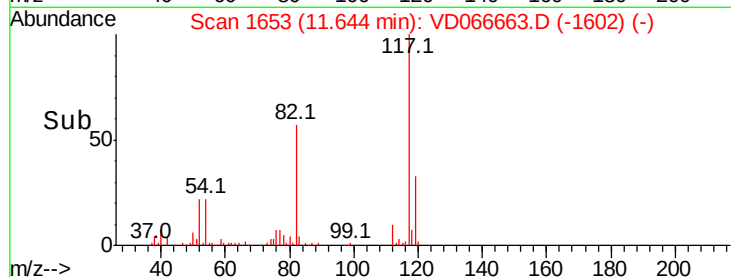
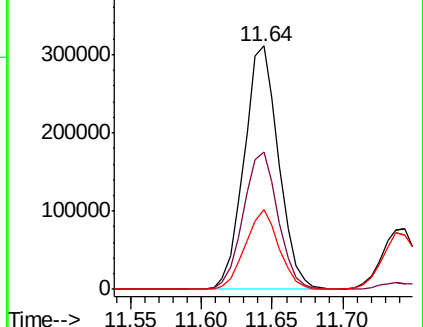
119 33.0 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 74.151 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Tgt Ion:164 Resp: 266147

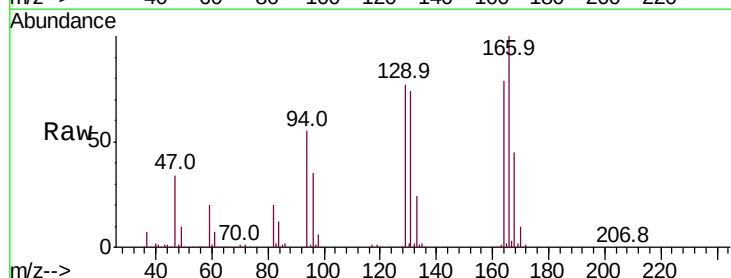
Ion Ratio Lower Upper

164 100

166 127.0 103.2 154.8

129 97.7 84.5 126.7

131 94.5 78.9 118.3

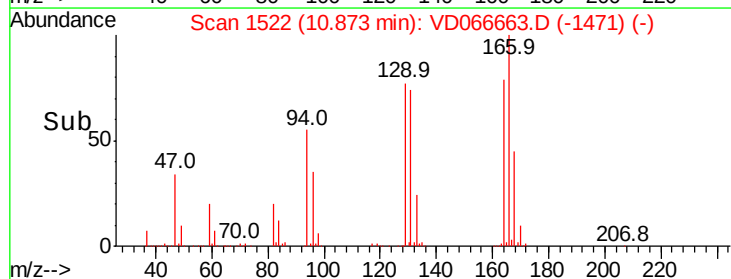
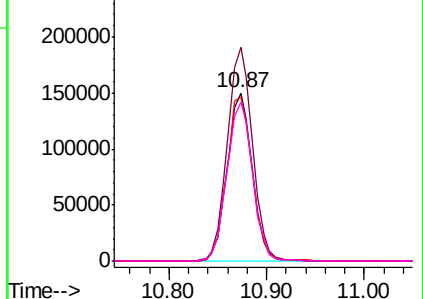


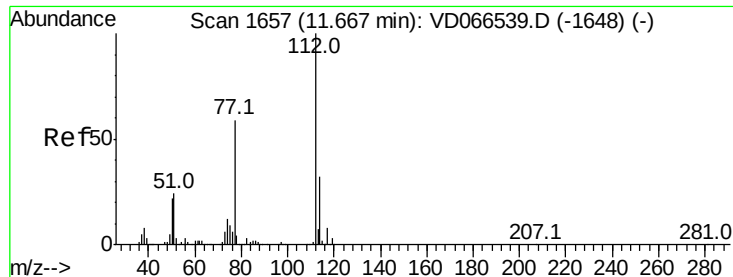
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

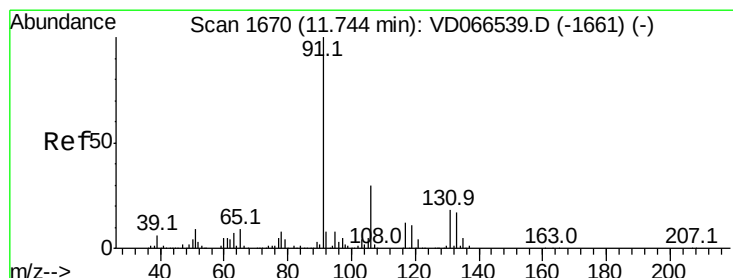
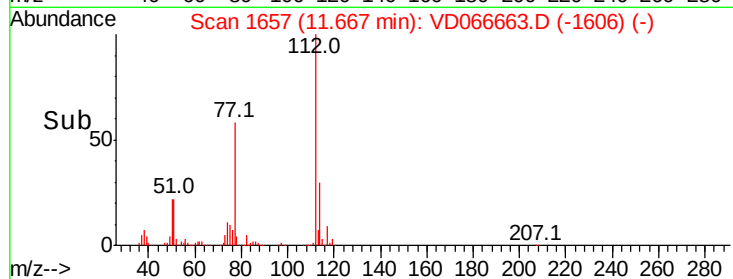
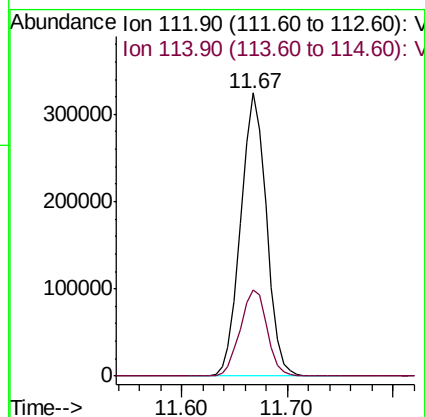
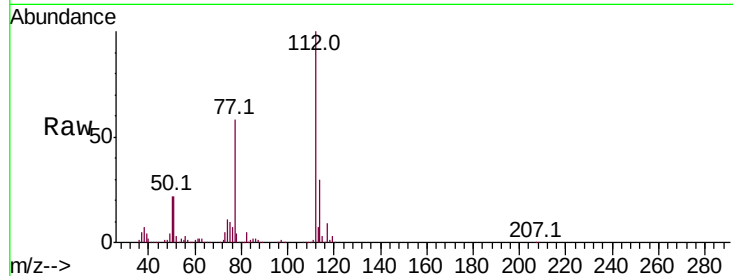




#65
Chlorobenzene
Concen: 49.653 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

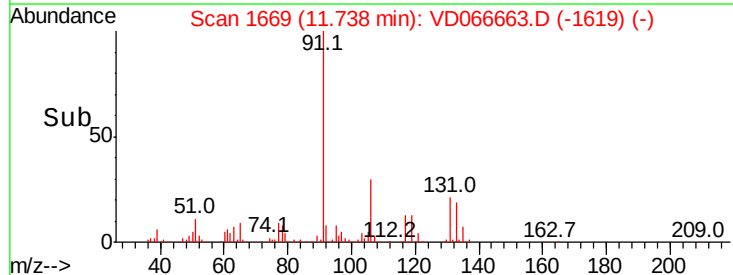
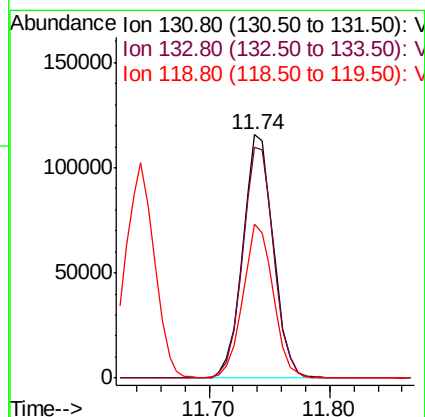
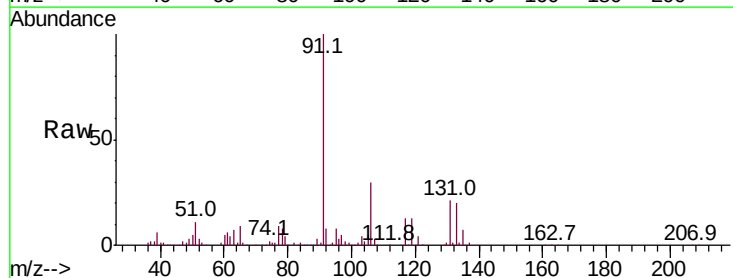
Instrument :
MSVOA_D
ClientSampleId :

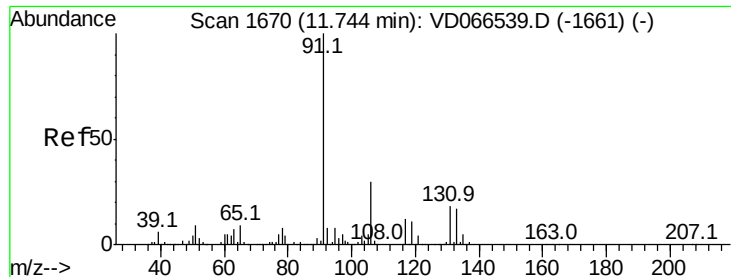
Tot Ion:112 Resp: 546306
Ion Ratio Lower Upper
112 100
114 30.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.488 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion:131 Resp: 203608
Ion Ratio Lower Upper
131 100
133 96.6 46.7 140.0
119 62.8 31.9 95.7

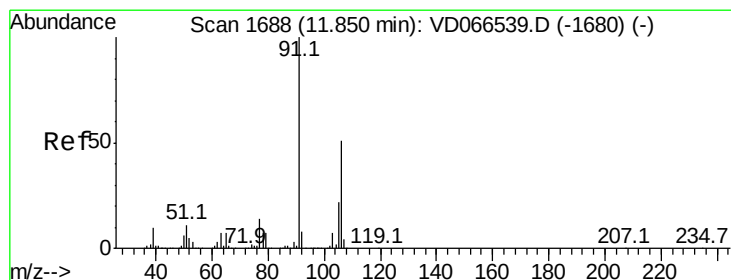
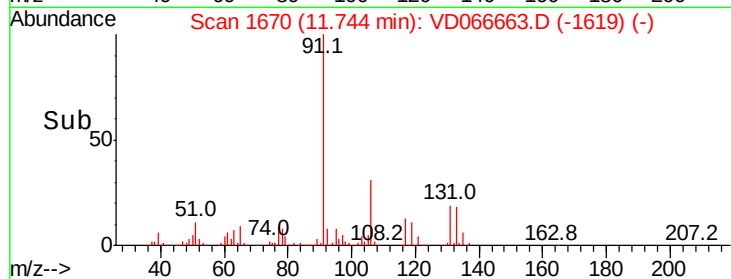
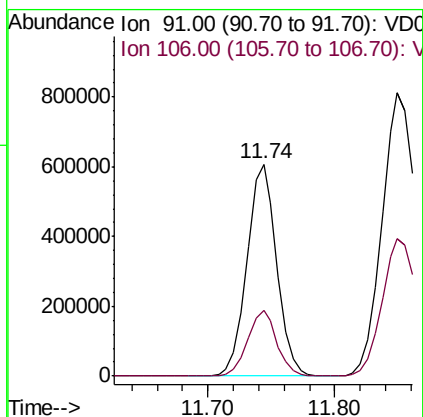
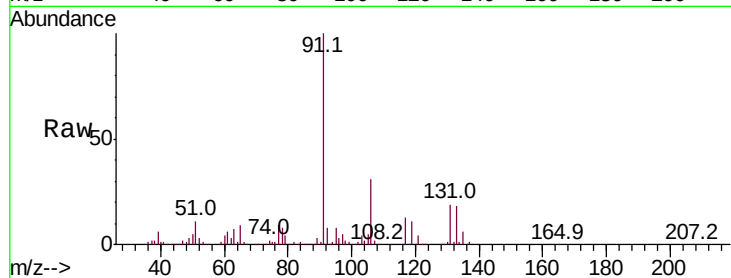




#67
Ethyl Benzene
Concen: 48.834 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

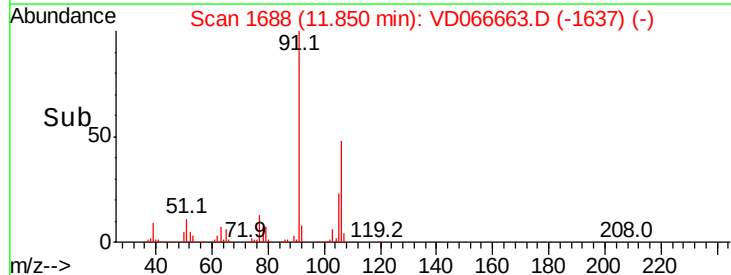
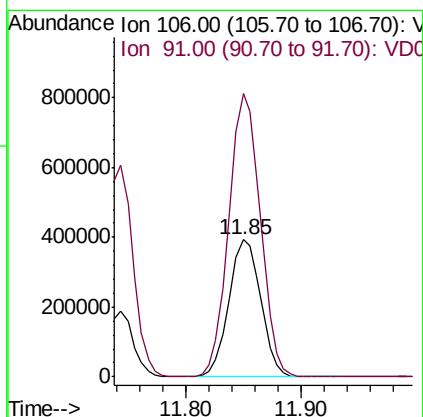
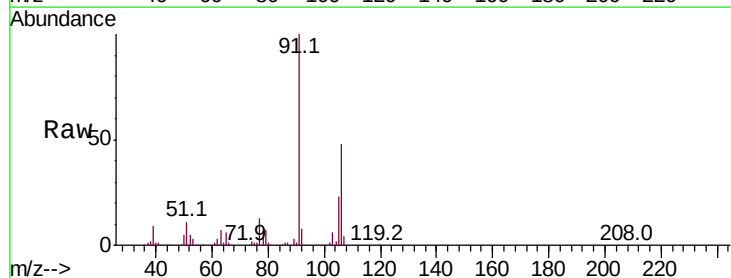
Instrument :
MSVOA_D
ClientSampled :

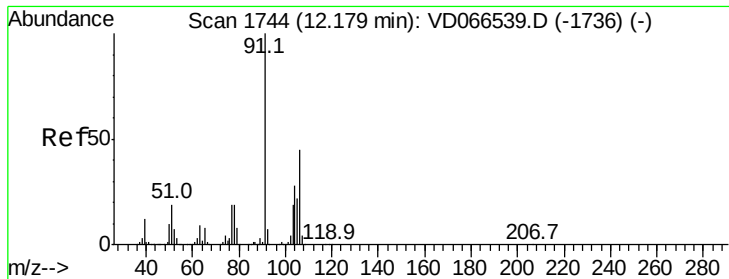
Tot Ion: 91 Resp: 986573
Ion Ratio Lower Upper
91 100
106 31.1 24.3 36.5



#68
m/p-Xylenes
Concen: 100.490 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion:106 Resp: 753805
Ion Ratio Lower Upper
106 100
91 203.7 162.4 243.6

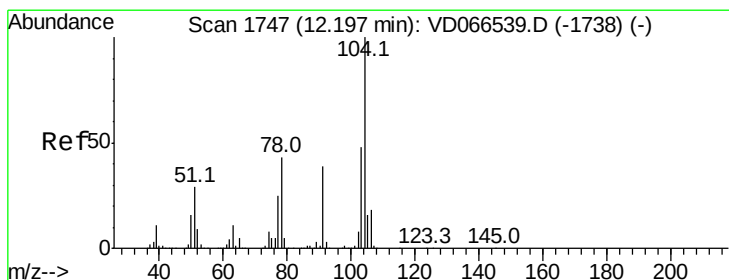
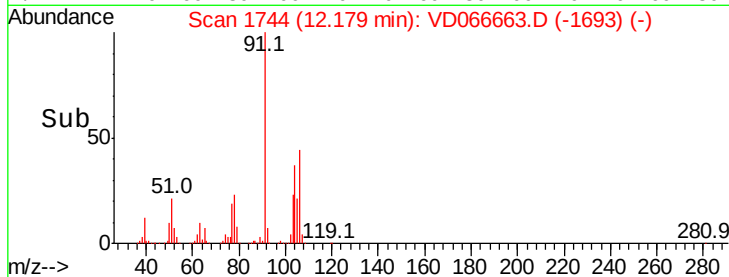
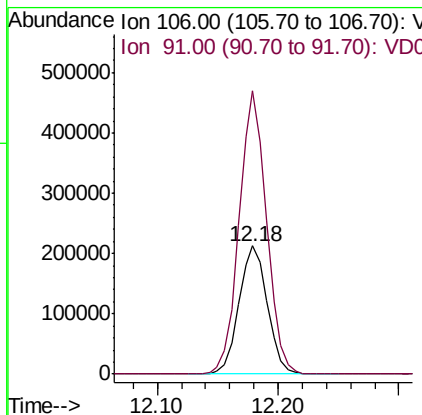
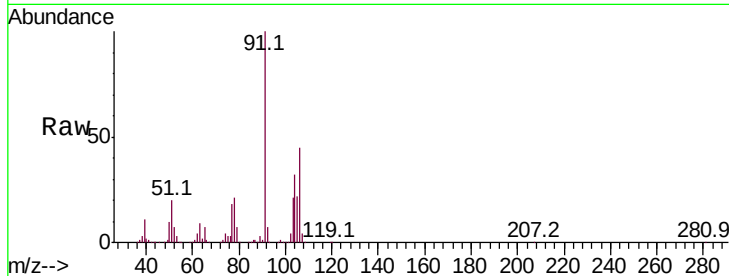




#69
o-Xylene
Concen: 51.477 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

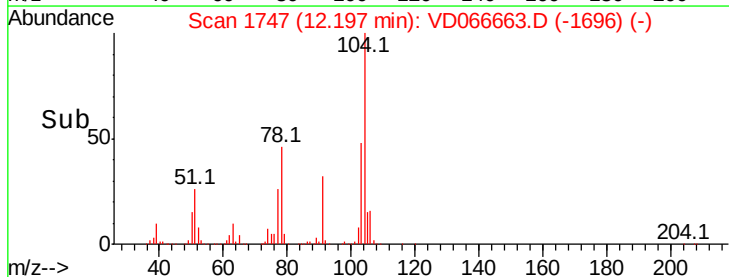
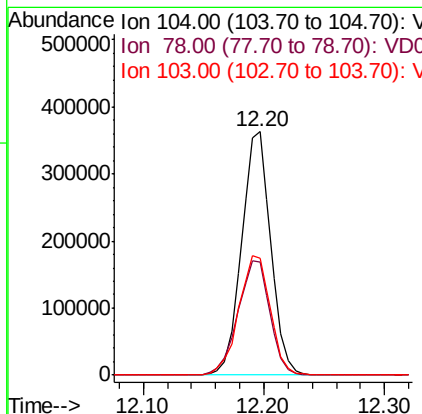
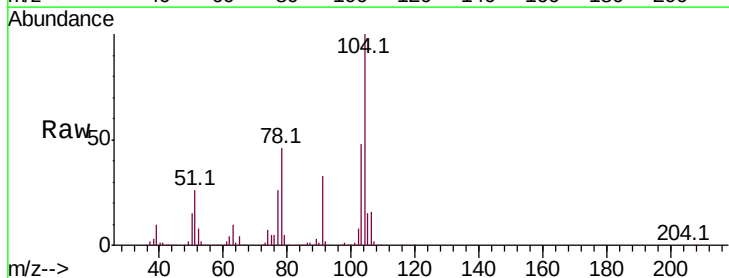
Instrument :
MSVOA_D
ClientSampled :

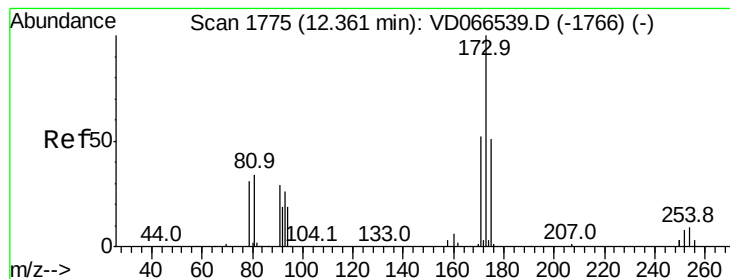
Tot Ion:106 Resp: 346058
Ion Ratio Lower Upper
106 100
91 214.4 107.9 323.8



#70
Styrene
Concen: 52.034 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion:104 Resp: 608142
Ion Ratio Lower Upper
104 100
78 51.8 40.7 61.1
103 53.4 42.9 64.3





#71

Bromoform

Concen: 49.255 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

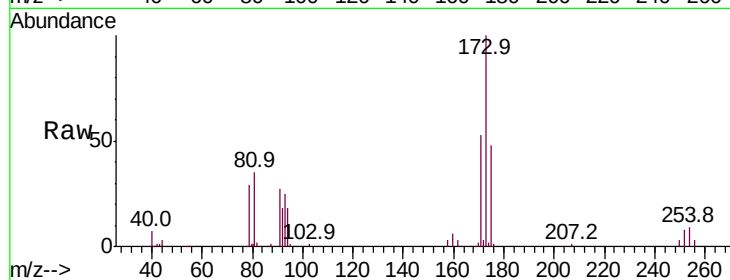
Tot Ion:173 Resp: 104234

Ion Ratio Lower Upper

173 100

175 49.5 24.2 72.6

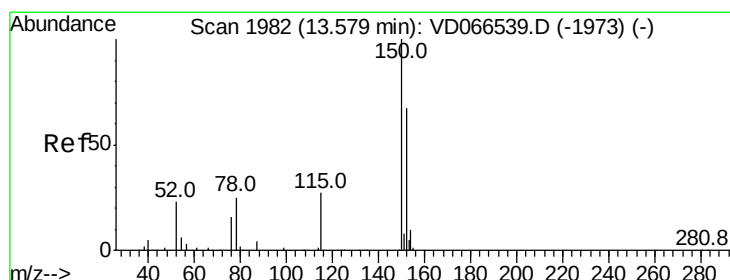
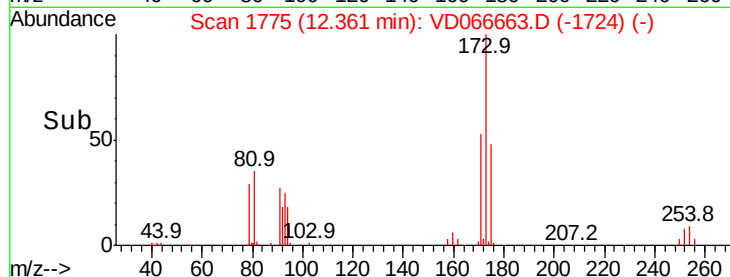
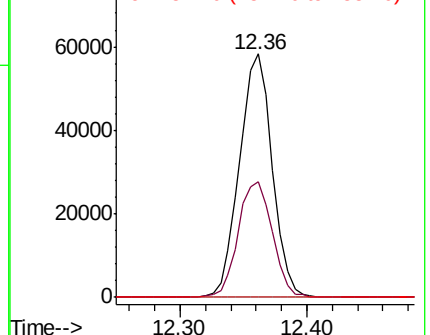
254 0.1 0.0 0.0#



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: 13.57 min Scan# 1981

Delta R.T. -0.01 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

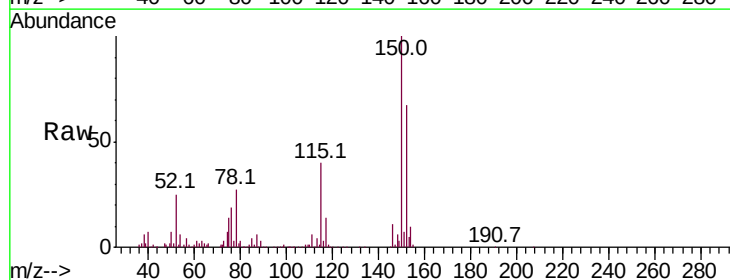
Tgt Ion:152 Resp: 251493

Ion Ratio Lower Upper

152 100

115 60.7 30.4 91.2

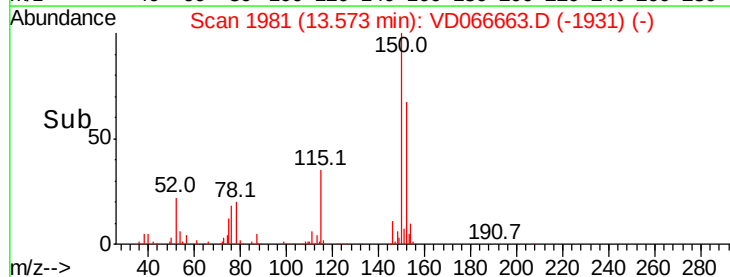
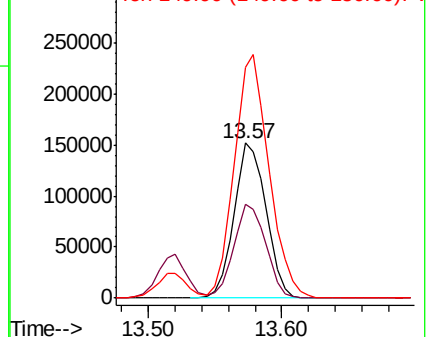
150 170.8 0.0 345.8

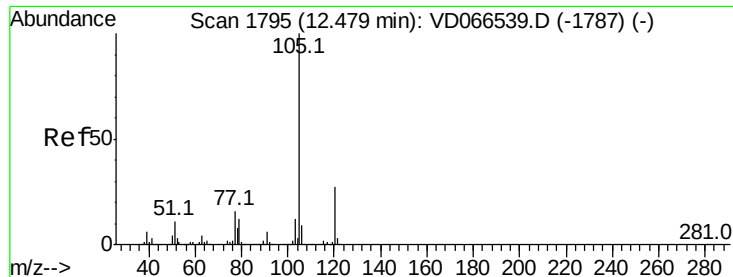


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.909 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

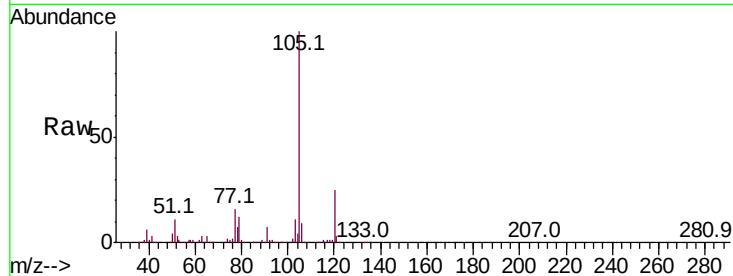
ClientSampleId :

Tot Ion:105 Resp: 947937

Ion Ratio Lower Upper

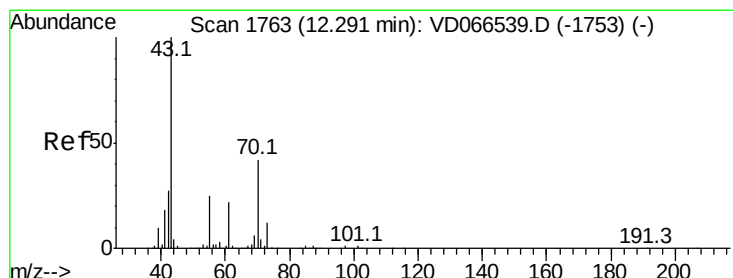
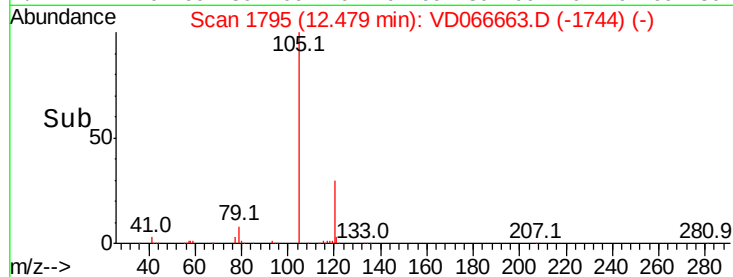
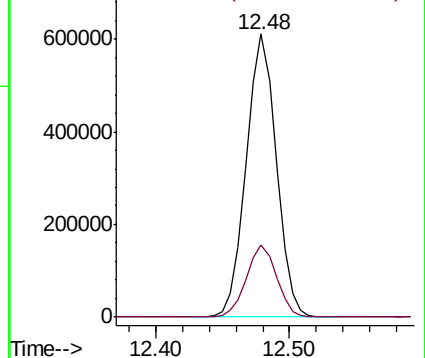
105 100

120 25.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.731 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Tgt Ion: 43 Resp: 209727

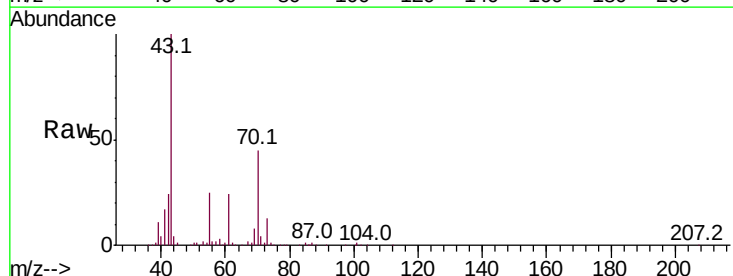
Ion Ratio Lower Upper

43 100

70 42.3 33.4 50.2

55 26.5 20.1 30.1

61 23.7 18.2 27.2

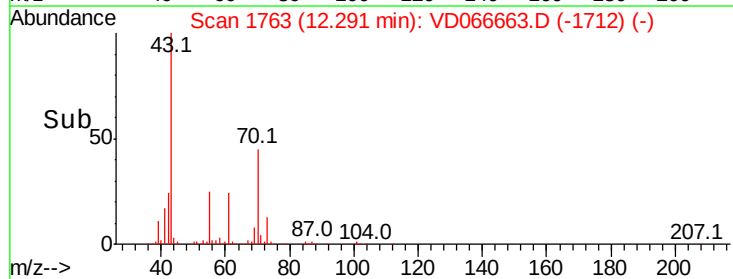
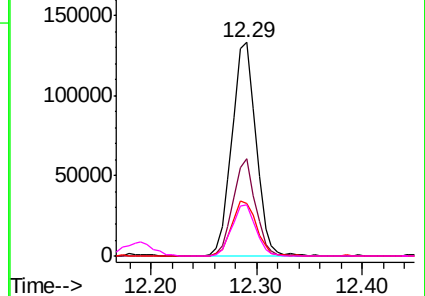


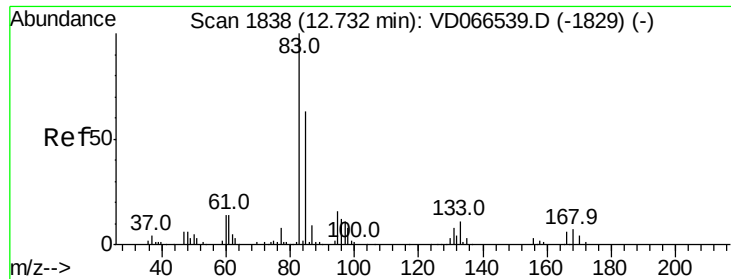
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 49.557 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

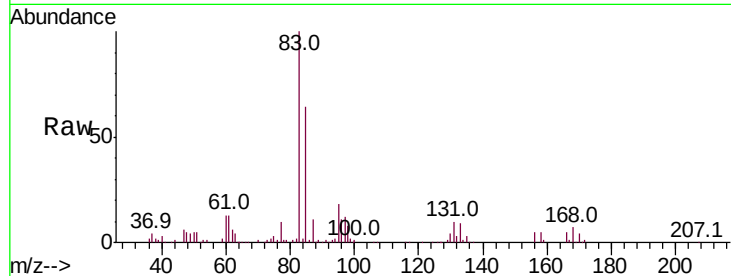
Tot Ion: 83 Resp: 163023

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

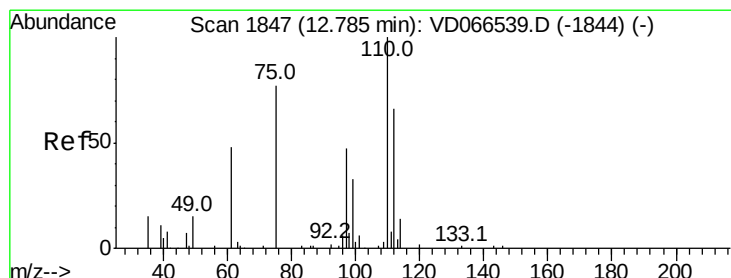
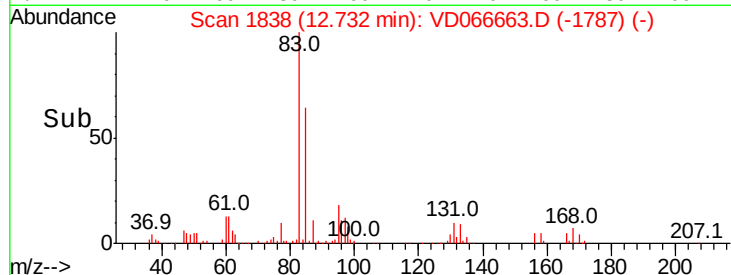
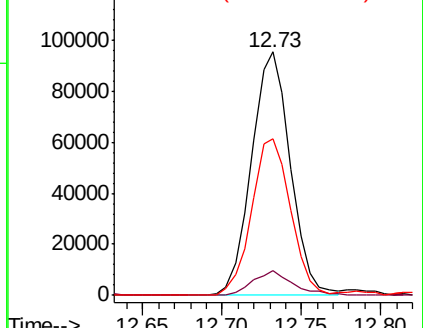
85 64.6 32.1 96.3



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: 90.047 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066663.D

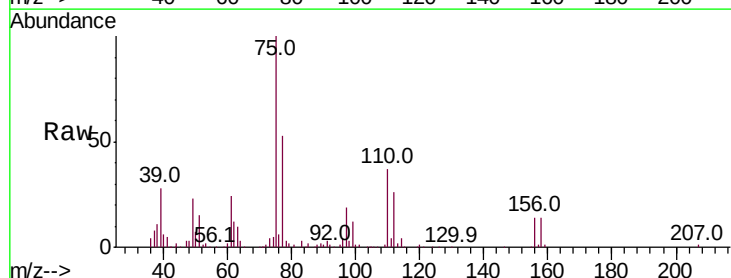
Acq: 11 Sep 2020 21:58

Tgt Ion: 75 Resp: 217795

Ion Ratio Lower Upper

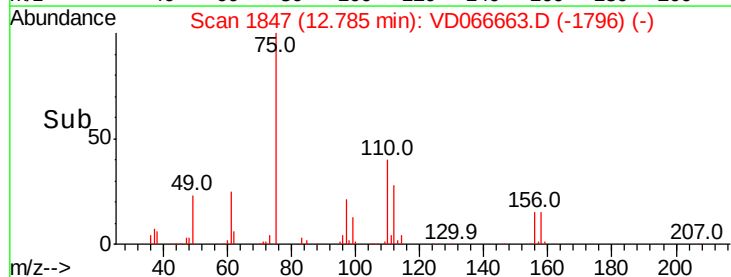
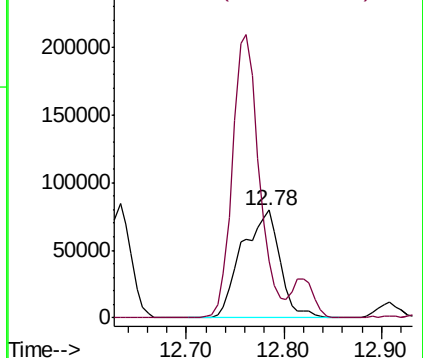
75 100

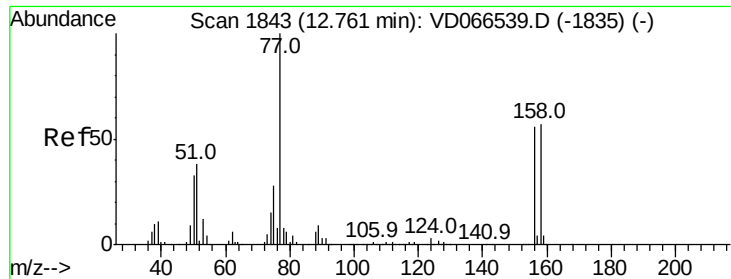
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.850 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

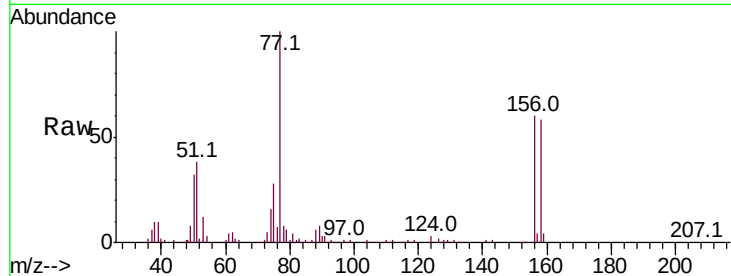
Tot Ion:156 Resp: 211092

Ion Ratio Lower Upper

156 100

77 190.7 98.0 294.1

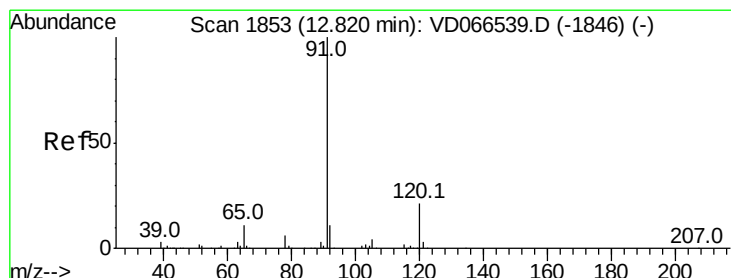
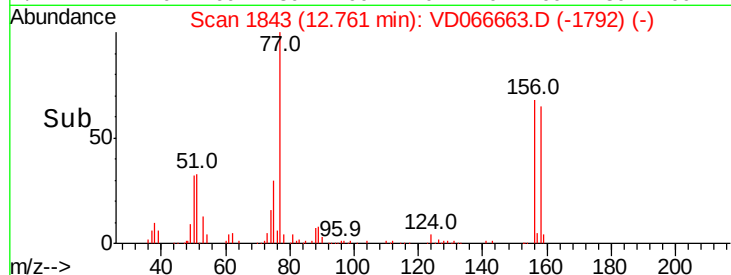
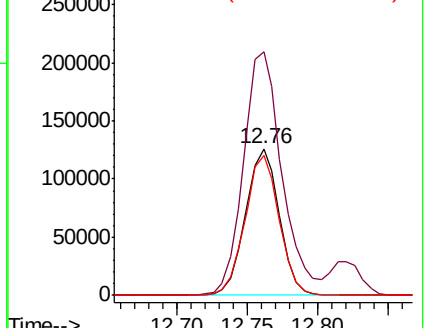
158 96.4 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.586 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066663.D

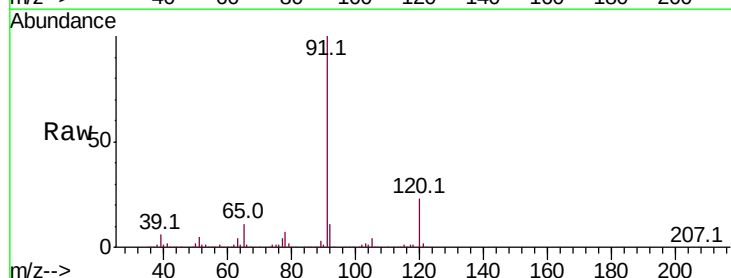
Acq: 11 Sep 2020 21:58

Tgt Ion: 91 Resp: 1119280

Ion Ratio Lower Upper

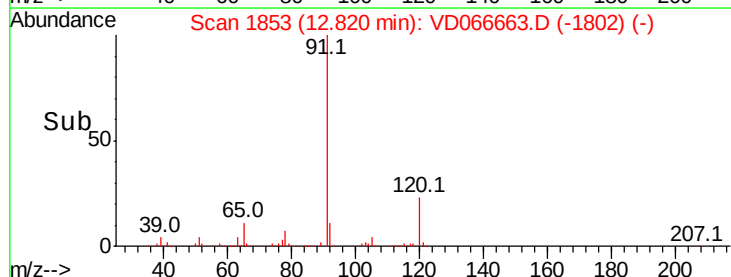
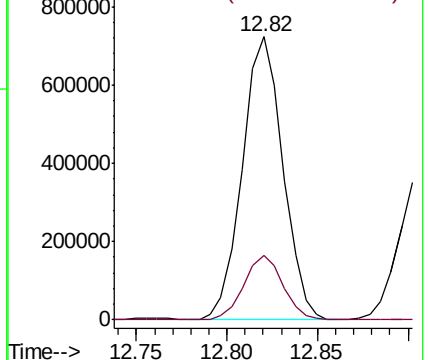
91 100

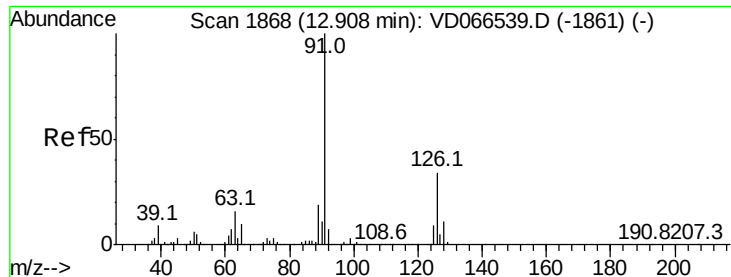
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.253 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

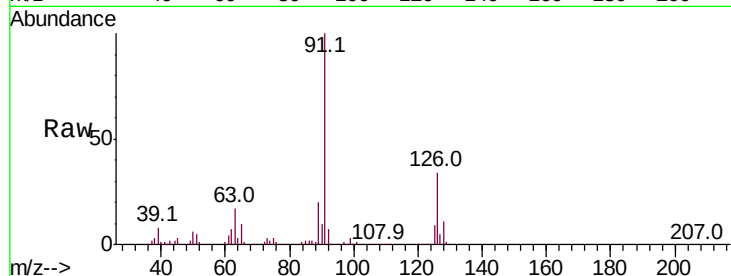
ClientSampled :

Tot Ion: 91 Resp: 636362

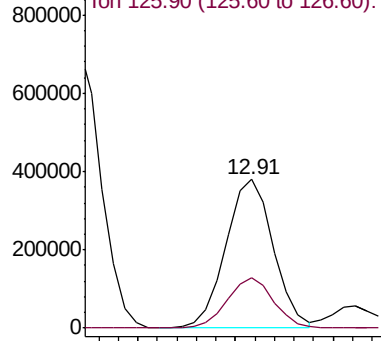
Ion Ratio Lower Upper

91 100

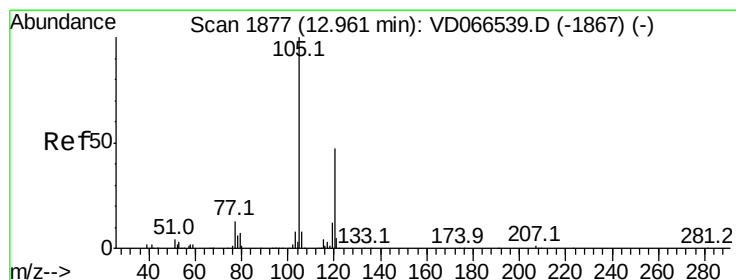
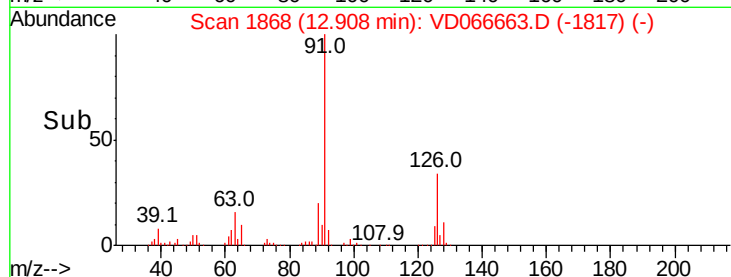
126 33.1 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.226 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066663.D

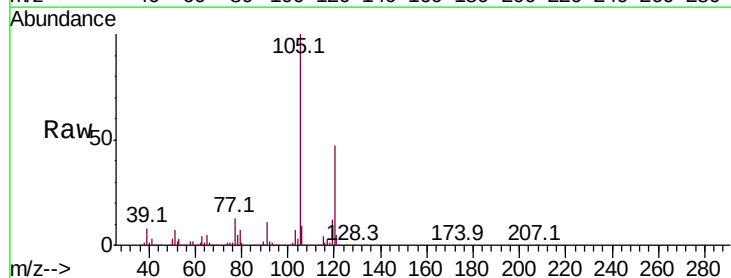
Acq: 11 Sep 2020 21:58

Tgt Ion: 105 Resp: 787141

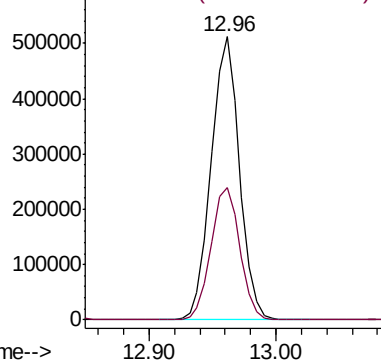
Ion Ratio Lower Upper

105 100

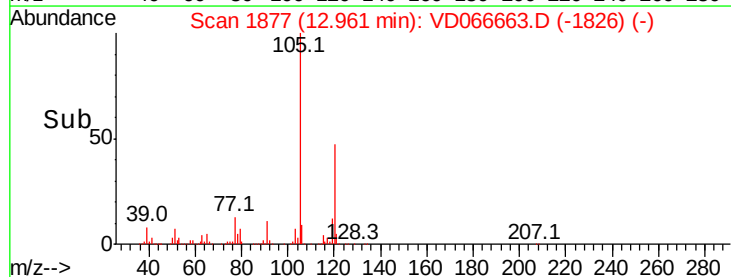
120 48.0 23.9 71.8

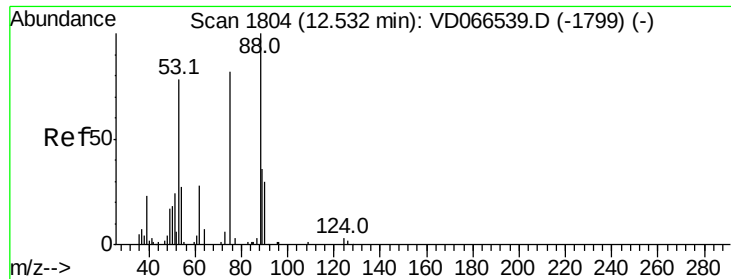


Abundance Ion 105.00 (104.70 to 105.70): V



Time-->

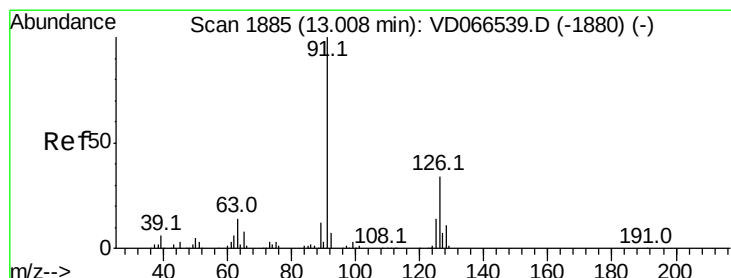
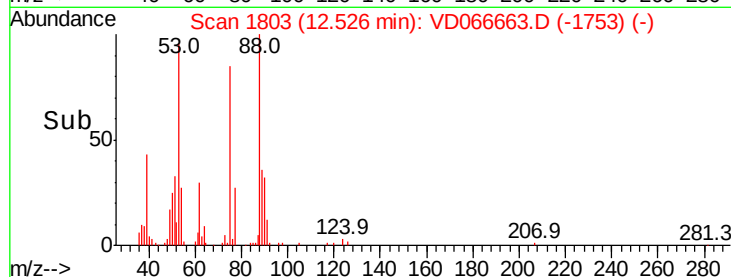
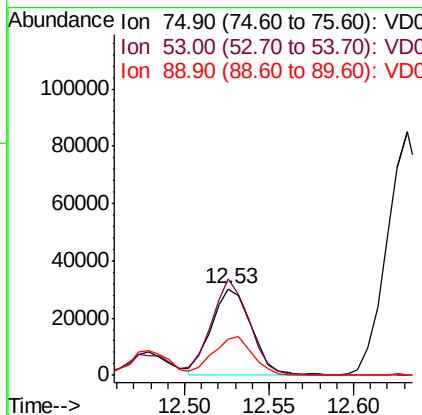
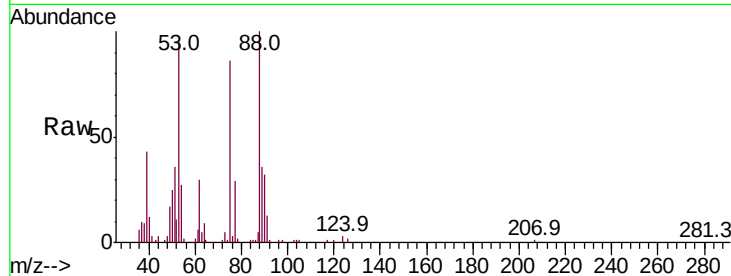




#81
trans-1,4-Dichloro-2-butene
Concen: 48.650 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

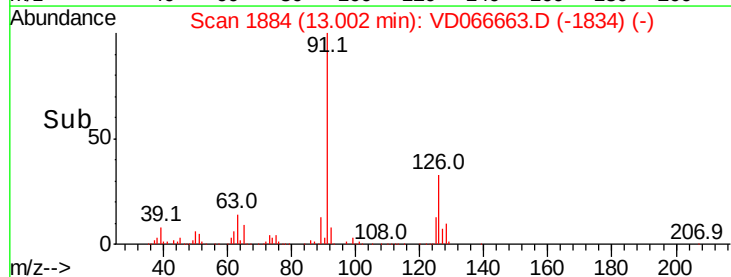
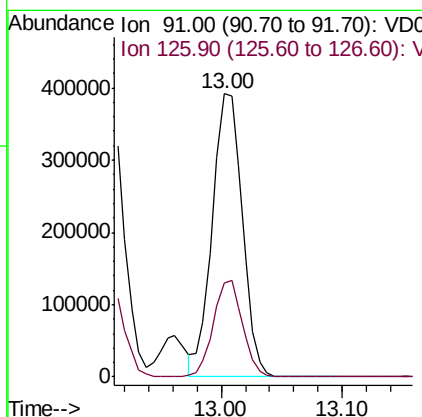
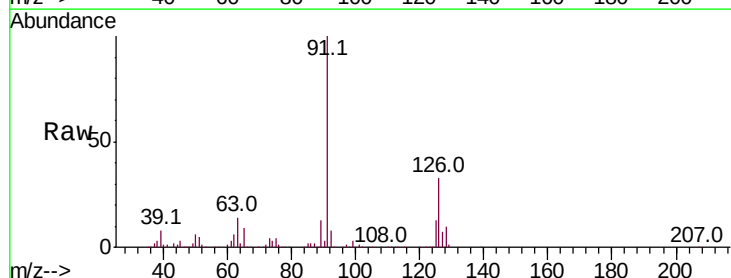
Instrument :
MSVOA_D
ClientSampleId :

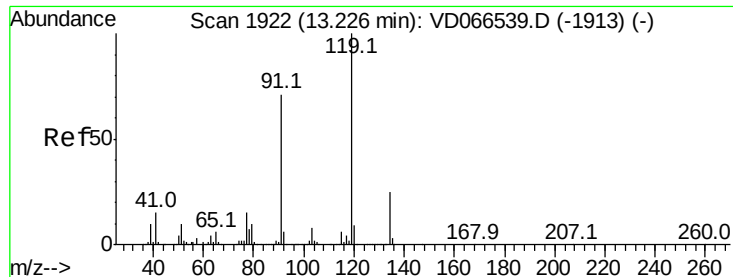
Tot Ion: 75 Resp: 50401
Ion Ratio Lower Upper
75 100
53 105.2 87.0 130.4
89 43.7 37.1 55.7



#82
4-Chlorotoluene
Concen: 49.652 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion: 91 Resp: 672362
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.1





#83

tert-Butylbenzene

Concen: 50.395 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampled :

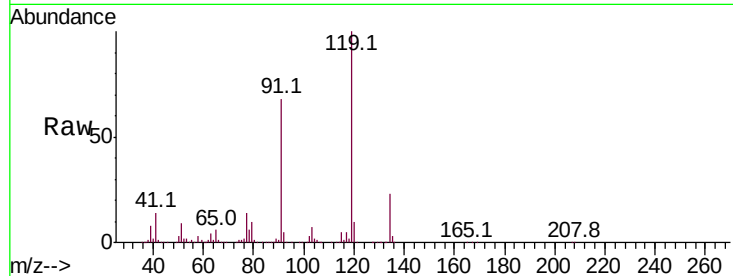
Tot Ion:119 Resp: 644953

Ion Ratio Lower Upper

119 100

91 67.6 35.2 105.6

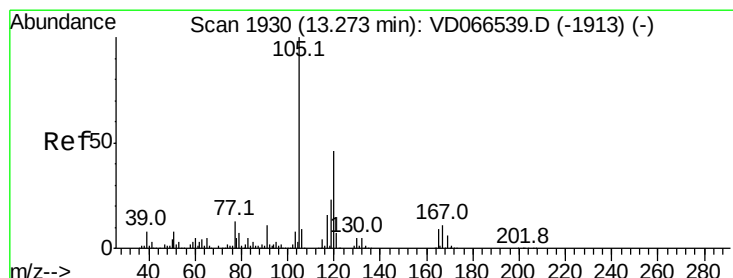
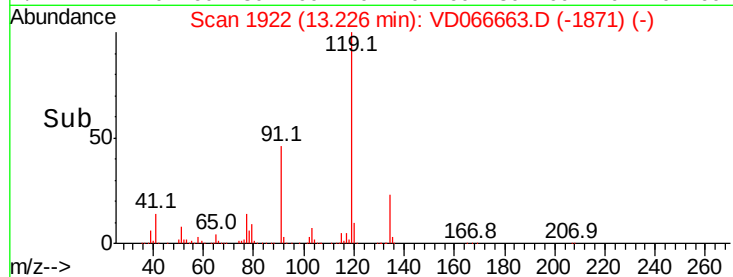
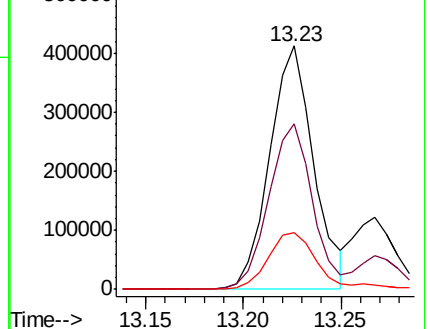
134 26.6 13.5 40.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.901 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066663.D

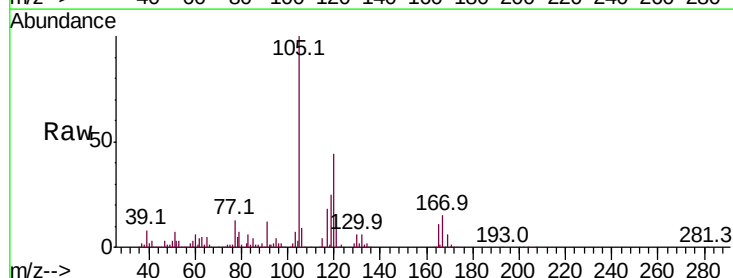
Acq: 11 Sep 2020 21:58

Tgt Ion:105 Resp: 778622

Ion Ratio Lower Upper

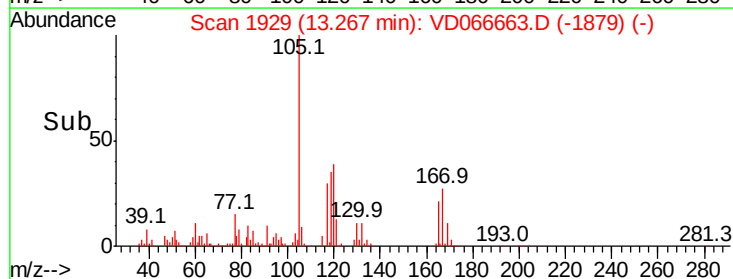
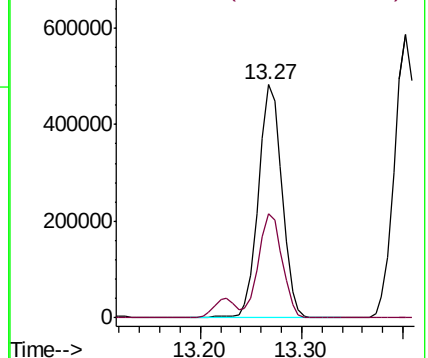
105 100

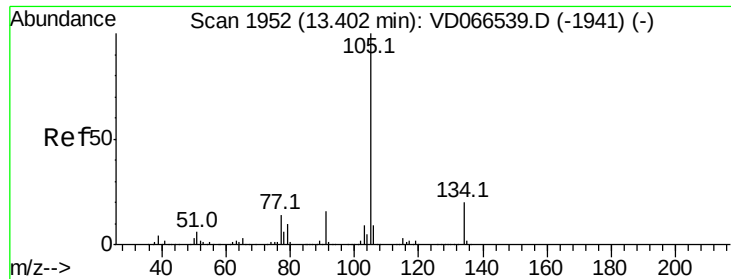
120 45.2 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.651 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

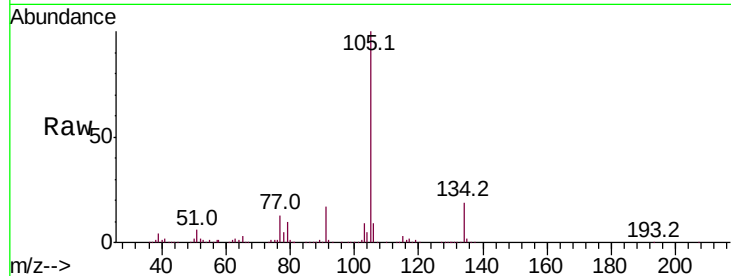
ClientSampleId :

Tot Ion:105 Resp: 897054

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

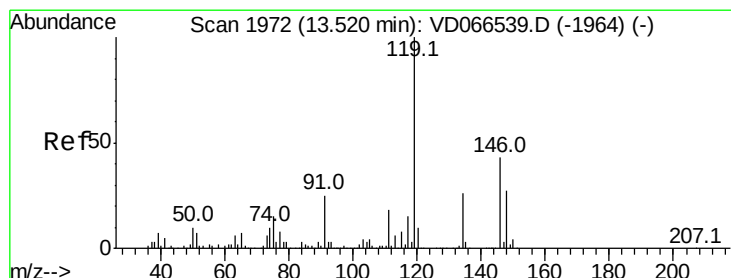
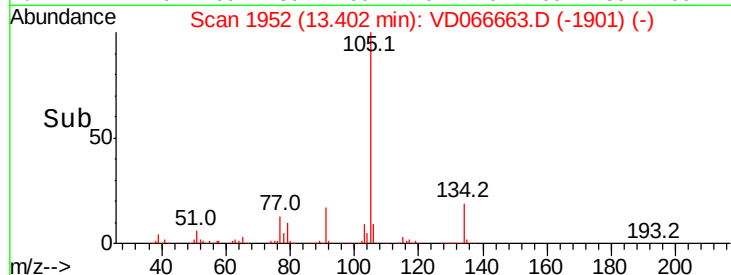
600000

400000

200000

0

Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 49.584 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

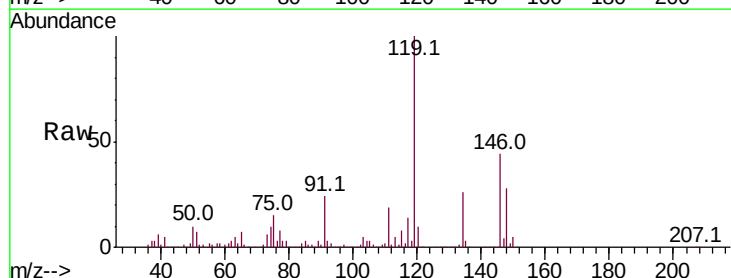
Tgt Ion:119 Resp: 822895

Ion Ratio Lower Upper

119 100

134 26.2 12.7 38.0

91 24.4 12.5 37.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

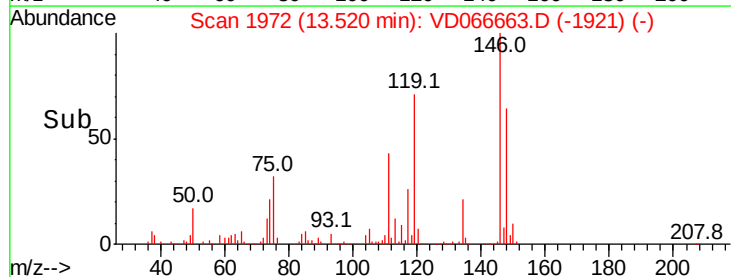
600000

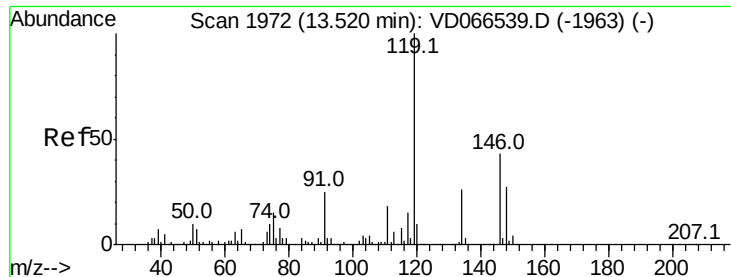
400000

200000

0

Time--> 13.45 13.50 13.55 13.60

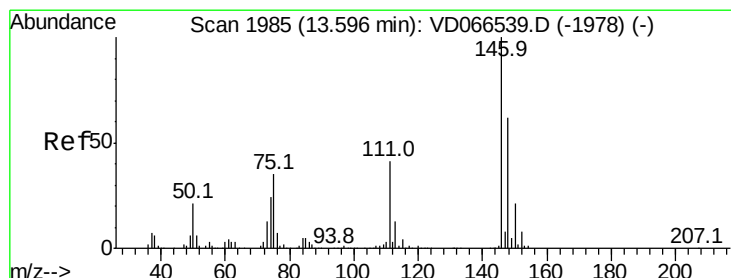
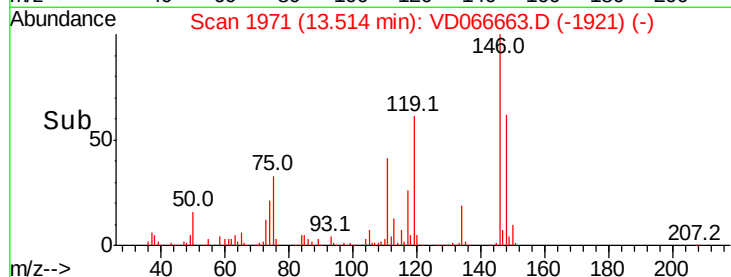
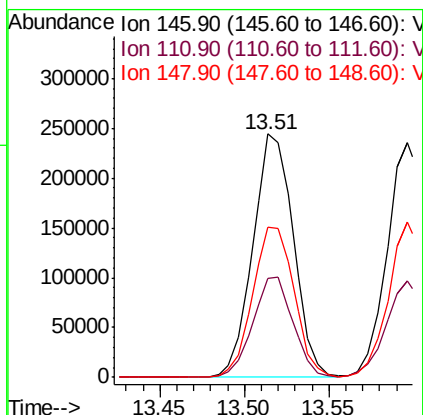
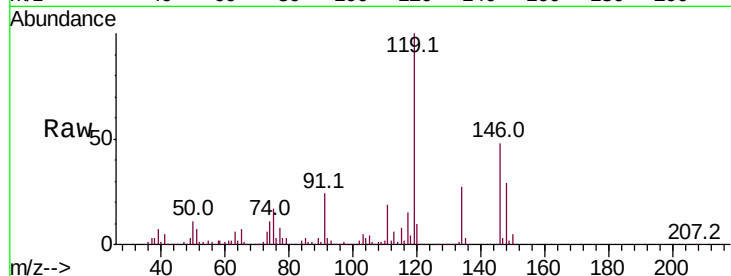




#87
 1,3-Dichlorobenzene
 Concen: 49.464 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

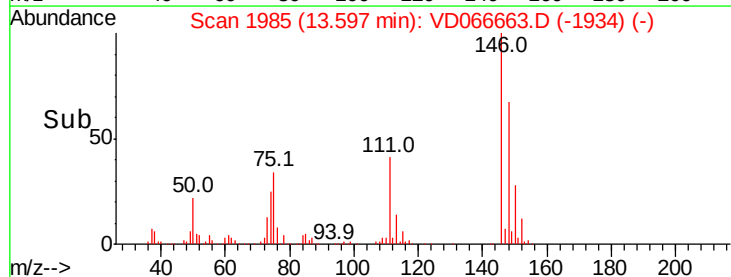
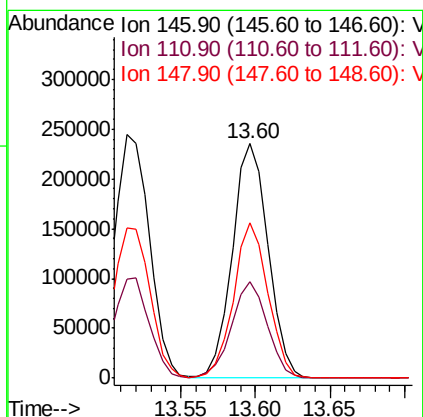
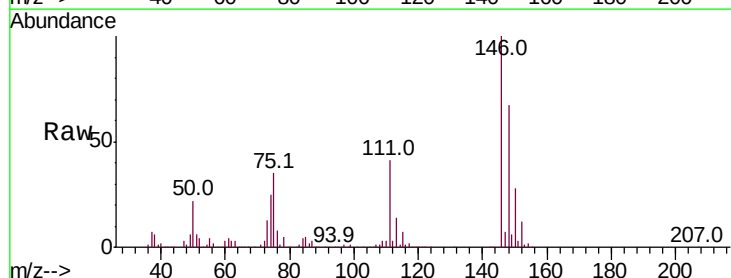
Instrument :
 MSVOA_D
 ClientSampleId :

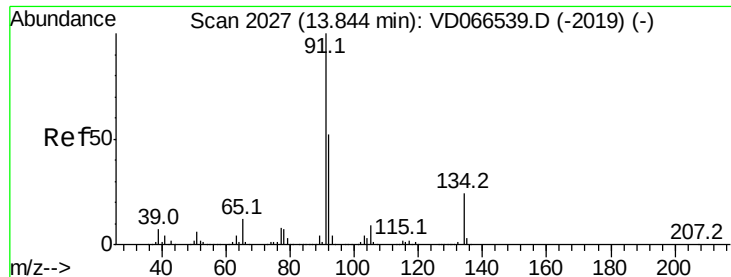
Tot Ion:146 Resp: 407653
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.9
 148 63.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.610 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion:146 Resp: 393819
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.1 60.2
 148 63.6 31.6 94.8

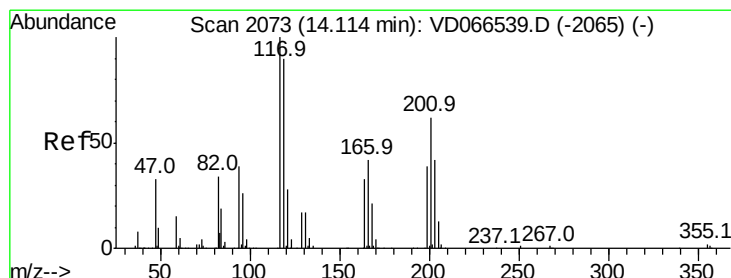
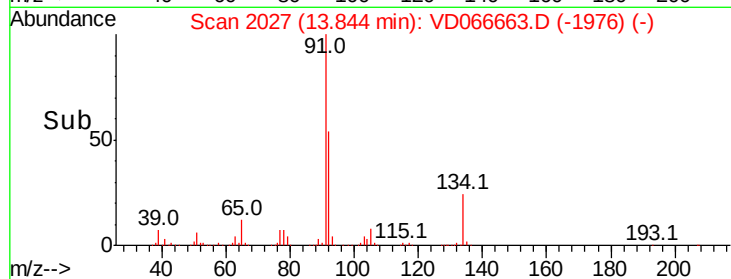
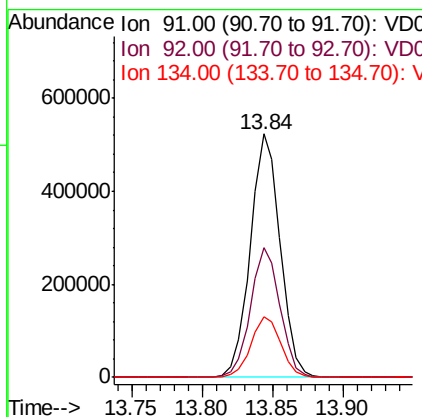
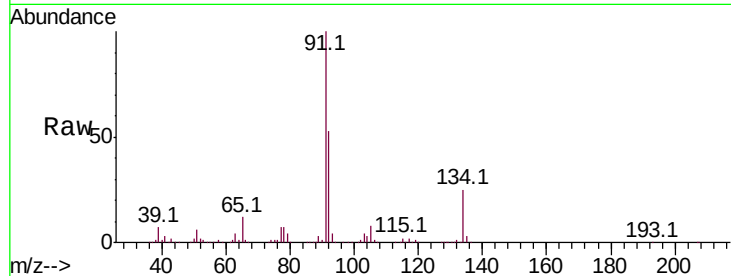




#89
n-Butylbenzene
Concen: 48.057 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

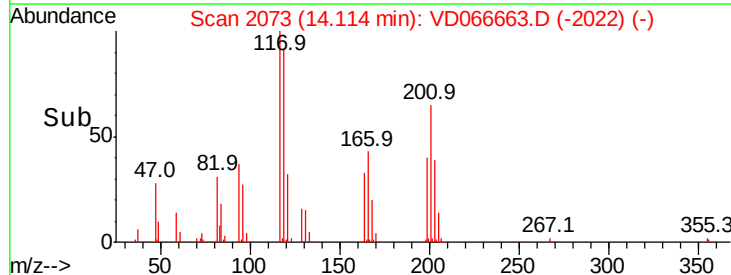
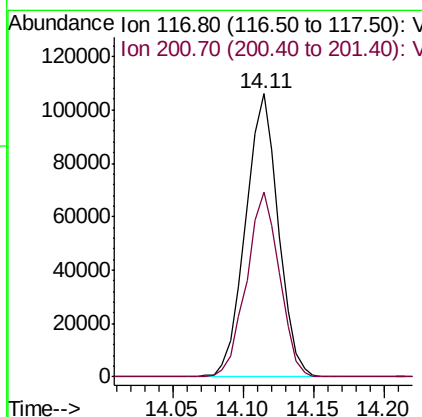
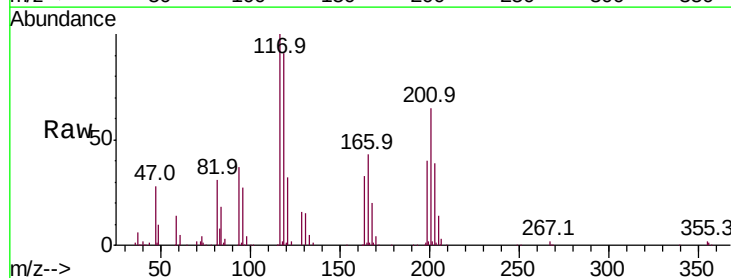
Instrument :
MSVOA_D
ClientSampleId :

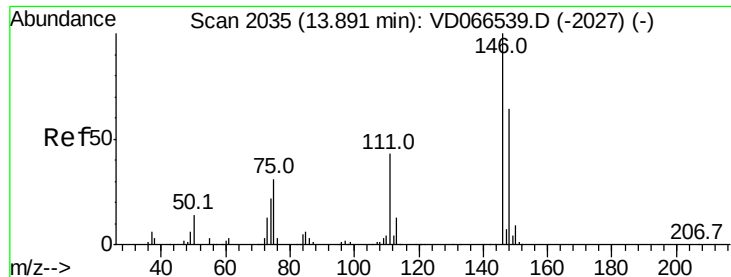
Tot Ion: 91 Resp: 777191
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 24.9 12.1 36.3



#90
Hexachloroethane
Concen: 48.312 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion: 117 Resp: 172759
Ion Ratio Lower Upper
117 100
201 65.4 31.9 95.5

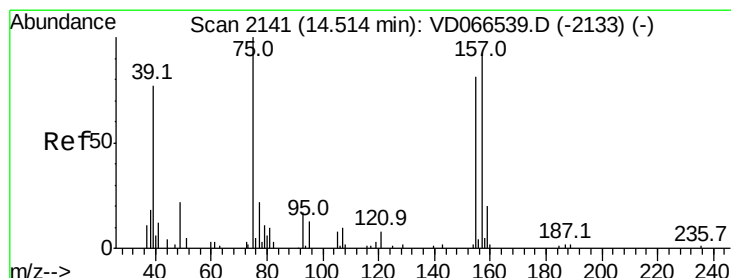
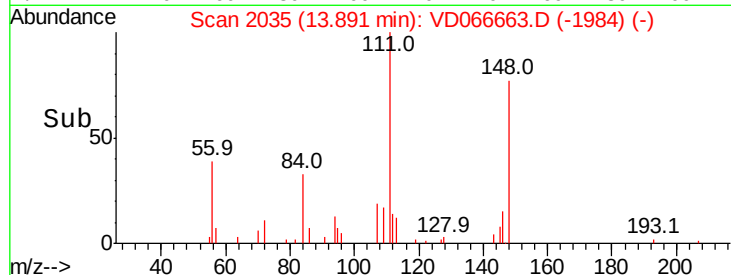
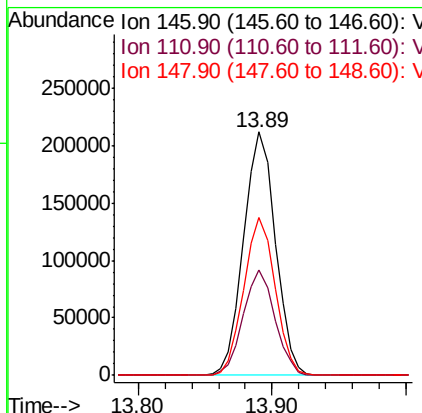
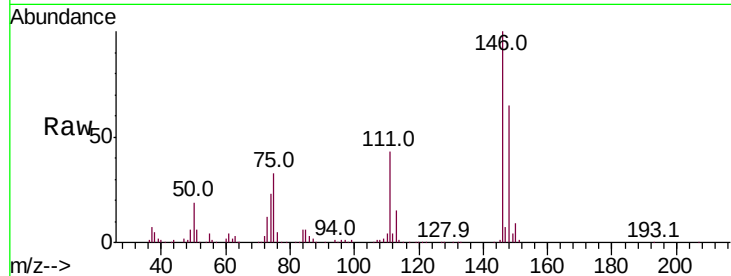




#91
 1,2-Dichlorobenzene
 Concen: 48.416 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

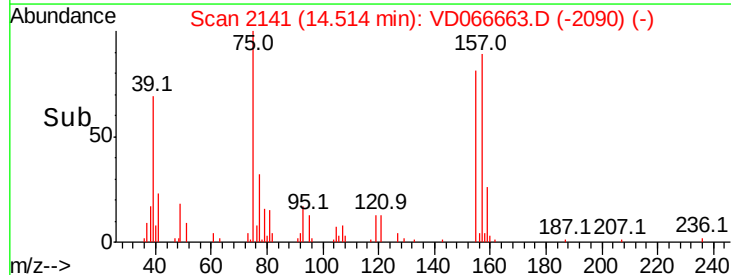
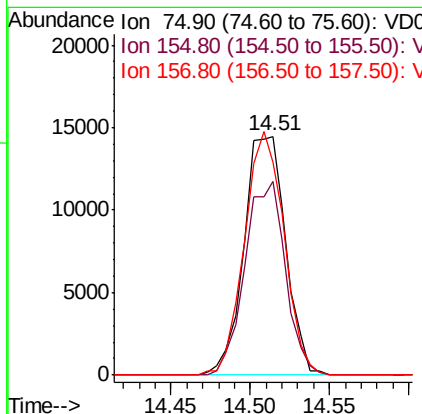
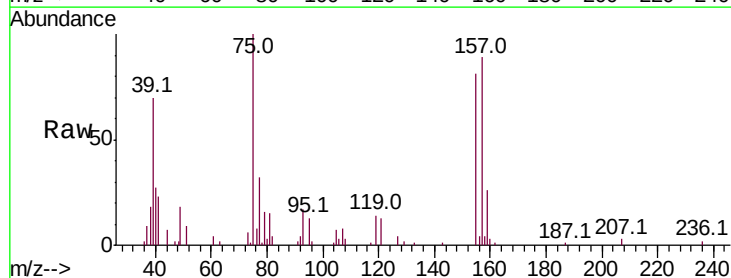
Instrument :
 MSVOA_D
 ClientSampleId :

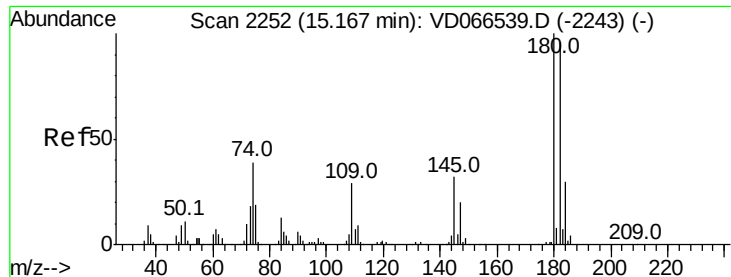
Tot Ion:146 Resp: 348764
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.1 63.4
 148 64.1 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.467 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion: 75 Resp: 26525
 Ion Ratio Lower Upper
 75 100
 155 78.6 39.3 117.8
 157 96.4 46.0 137.8

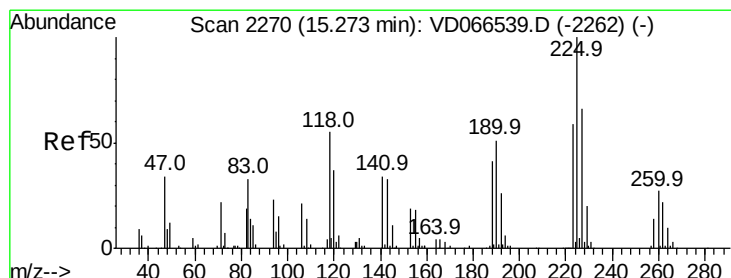
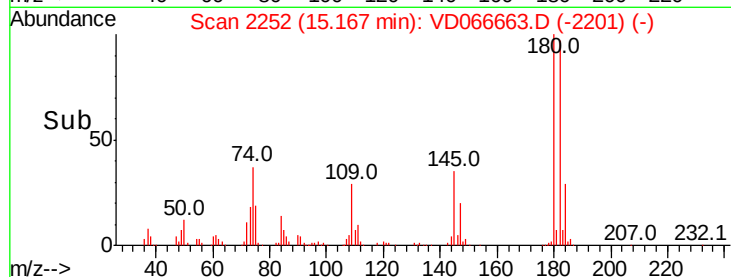
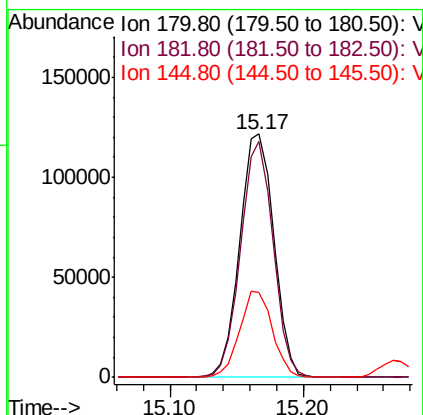
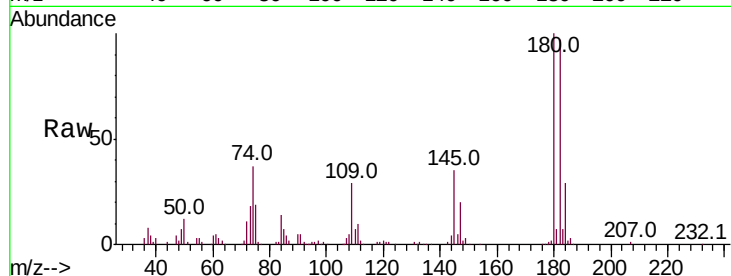




#93
 1,2,4-Trichlorobenzene
 Concen: 49.737 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

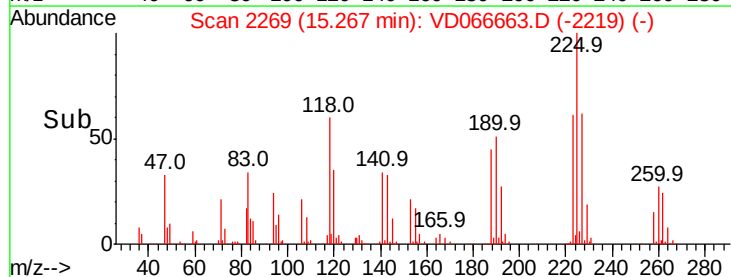
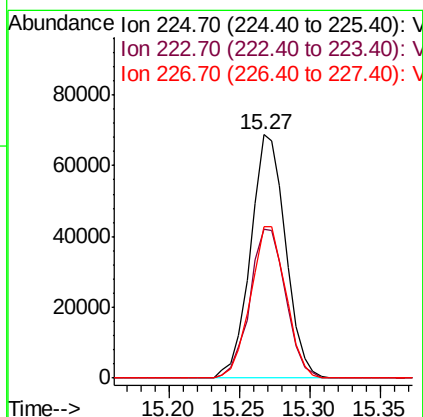
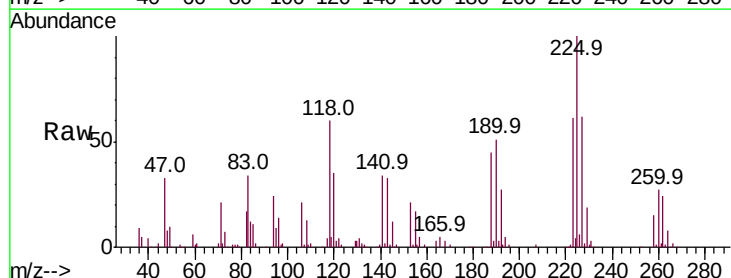
Instrument :
 MSVOA_D
 ClientSampleId :

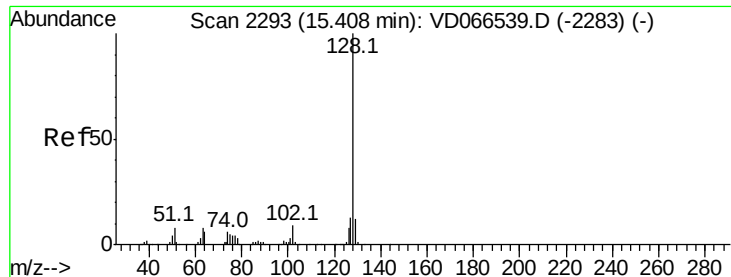
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	48.4	145.0
145	34.1	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 46.152 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.5	91.5
227	62.7	32.4	97.2

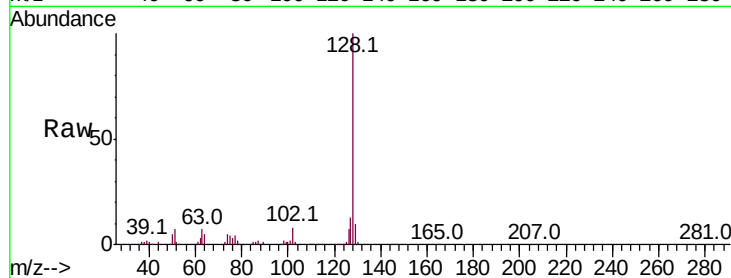




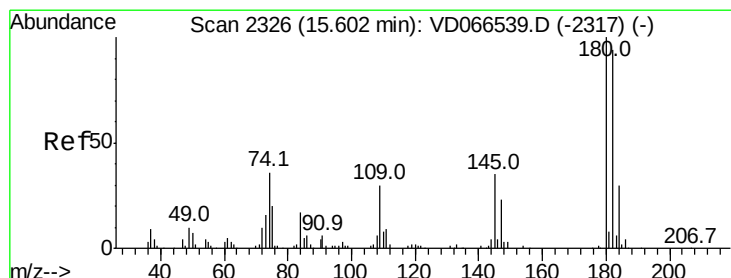
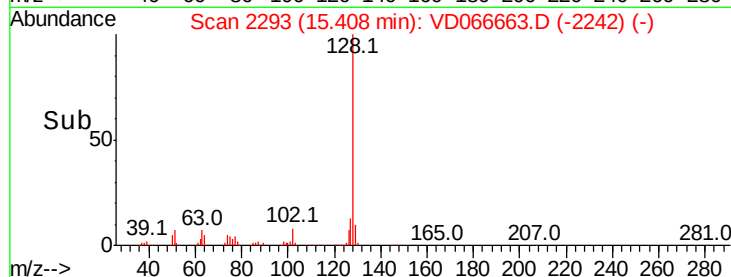
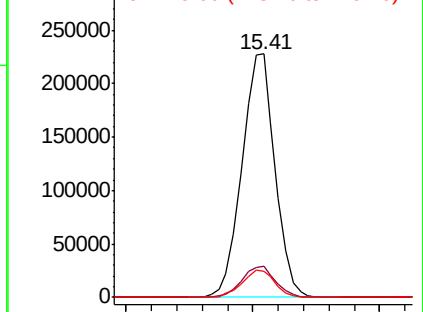
#95
Naphthalene
Concen: 54.448 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 411327
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.0 9.1 13.7

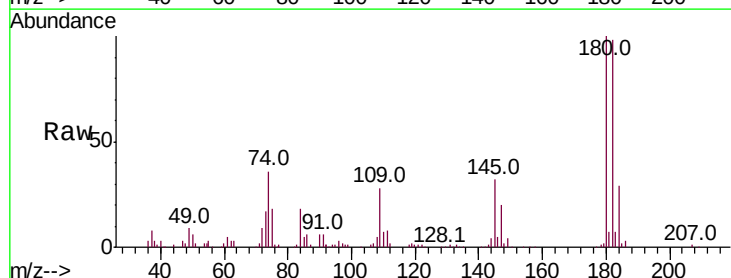


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.322 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion:180 Resp: 189160
Ion Ratio Lower Upper
180 100
182 94.3 47.9 143.6
145 34.1 17.3 51.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

