

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066668.D
 Acq On : 12 Sep 2020 02:02
 Operator : VA/SY
 Sample : VD0911SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 12 02:59:07 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	314803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	543985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	509154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	229691	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	220146	57.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.60%	
35) Dibromofluoromethane	7.91	113	208411	56.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.58%	
50) Toluene-d8	10.34	98	761541	58.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.12%	
62) 4-Bromofluorobenzene	12.63	95	250837	57.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	65302	22.991	ug/l	93
3) Chloromethane	2.21	50	88812	22.308	ug/l	100
4) Vinyl Chloride	2.35	62	88300	19.997	ug/l	96
5) Bromomethane	2.76	94	63659	20.082	ug/l	100
6) Chloroethane	2.92	64	58937	21.014	ug/l	97
7) Trichlorofluoromethane	3.27	101	136282	20.893	ug/l	96
8) Diethyl Ether	3.71	74	35547	21.641	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	75498	21.386	ug/l	97
10) Methyl Iodide	4.30	142	68178	23.492	ug/l	98
11) Tert butyl alcohol	5.20	59	19457	44.303	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	70091	22.099	ug/l	88
13) Acrolein	3.92	56	13284	85.298	ug/l	91
14) Allyl chloride	4.71	41	116140	22.343	ug/l	99
15) Acrylonitrile	5.42	53	82831	117.389	ug/l	96
16) Acetone	4.16	43	65850	93.963	ug/l	93
17) Carbon Disulfide	4.41	76	232630	22.311	ug/l	98
18) Methyl Acetate	4.71	43	41529	24.859	ug/l #	73
19) Methyl tert-butyl Ether	5.47	73	161832	21.758	ug/l	96
20) Methylene Chloride	4.96	84	100613	22.734	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	84039	22.313	ug/l	95
22) Diisopropyl ether	6.36	45	251178	23.498	ug/l	96
23) Vinyl Acetate	6.31	43	669230	110.018	ug/l	100
24) 1,1-Dichloroethane	6.27	63	153672	22.861	ug/l	98
25) 2-Butanone	7.21	43	99709	105.987	ug/l	99
26) 2,2-Dichloropropane	7.20	77	122680	19.896	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	92648	22.875	ug/l	99
28) Bromochloromethane	7.54	49	53616	20.718	ug/l	100
29) Tetrahydrofuran	7.57	42	63822	108.930	ug/l	99
30) Chloroform	7.70	83	165360	23.253	ug/l	91
31) Cyclohexane	7.98	56	122470	19.710	ug/l	89
32) 1,1,1-Trichloroethane	7.90	97	143939	21.528	ug/l	98
36) 1,1-Dichloropropene	8.11	75	118189	20.877	ug/l	99
37) Ethyl Acetate	7.29	43	45596	20.226	ug/l	98
38) Carbon Tetrachloride	8.09	117	122509	20.473	ug/l	99

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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	128545	20.334	ug/l	98
40) Benzene	8.35	78	337271	21.752	ug/l	98
41) Methacrylonitrile	7.53	41	28469	26.089	ug/l	95
42) 1,2-Dichloroethane	8.42	62	106870	21.273	ug/l	100
43) Isopropyl Acetate	8.44	43	89899	20.810	ug/l	97
44) Trichloroethene	9.11	130	89656	22.044	ug/l	99
45) 1,2-Dichloropropane	9.38	63	86447	22.171	ug/l	100
46) Dibromomethane	9.47	93	47045	21.869	ug/l	95
47) Bromodichloromethane	9.66	83	125226	21.516	ug/l	97
48) Methyl methacrylate	9.46	41	43930	20.110	ug/l	96
49) 1,4-Dioxane	9.45	88	4483	189.953	ug/l #	1
51) 4-Methyl-2-Pentanone	10.23	43	232993	106.939	ug/l	97
52) Toluene	10.40	92	220655	22.482	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	109346	21.282	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	130691	21.182	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	61604	22.272	ug/l	95
56) Ethyl methacrylate	10.66	69	66429	20.627	ug/l	96
57) 1,3-Dichloropropane	10.94	76	104990	21.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	178395	121.107	ug/l	99
59) 2-Hexanone	10.98	43	150401	102.652	ug/l	100
60) Dibromochloromethane	11.14	129	79410	21.711	ug/l	100
61) 1,2-Dibromoethane	11.24	107	59092	21.960	ug/l	100
64) Tetrachloroethene	10.87	164	80656	23.528	ug/l	95
65) Chlorobenzene	11.67	112	225686	21.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	84204	20.995	ug/l	98
67) Ethyl Benzene	11.74	91	396007	20.523	ug/l	100
68) m/p-Xylenes	11.85	106	302238	42.185	ug/l	97
69) o-Xylene	12.18	106	129956	20.240	ug/l	94
70) Styrene	12.20	104	234800	21.034	ug/l	99
71) Bromoform	12.36	173	43879	21.709	ug/l #	96
73) Isopropylbenzene	12.48	105	367234	21.594	ug/l	100
74) N-amyl acetate	12.29	43	79084	20.532	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	66669	22.190	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	87638	39.673	ug/l #	100
77) Bromobenzene	12.76	156	85925	22.663	ug/l	95
78) n-propylbenzene	12.82	91	446438	21.655	ug/l	99
79) 2-Chlorotoluene	12.91	91	260926	22.561	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	314067	21.942	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	18772	19.840	ug/l	95
82) 4-Chlorotoluene	13.01	91	276747	22.377	ug/l	100
83) tert-Butylbenzene	13.23	119	254760	21.796	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	315652	22.150	ug/l	99
85) sec-Butylbenzene	13.40	105	363515	21.586	ug/l	99
86) p-Isopropyltoluene	13.52	119	329714	21.753	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	168624	22.403	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	164855	21.821	ug/l	99
89) n-Butylbenzene	13.84	91	307026	20.787	ug/l	98
90) Hexachloroethane	14.11	117	71038	21.752	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	143084	21.749	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9818	19.237	ug/l	93

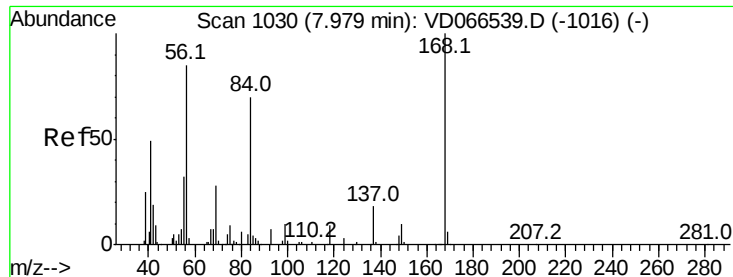
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091120\
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	84650	21.439	ug/l	94
94) Hexachlorobutadiene	15.27	225	47304	19.942	ug/l	97
95) Naphthalene	15.41	128	140180	20.317	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	72428	21.516	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

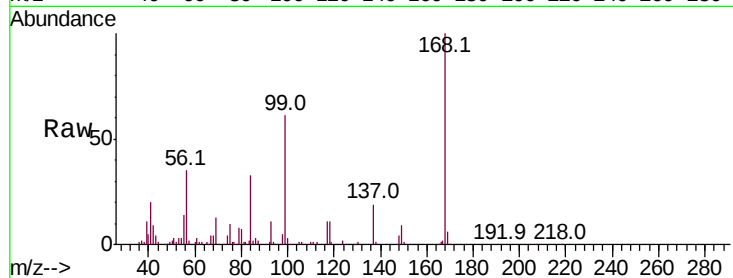
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 314803

Ion Ratio Lower Upper

168 100

99 60.8 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

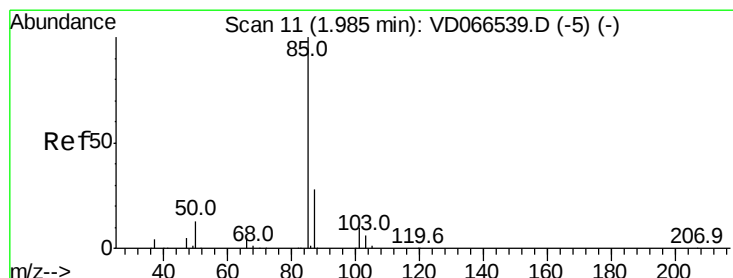
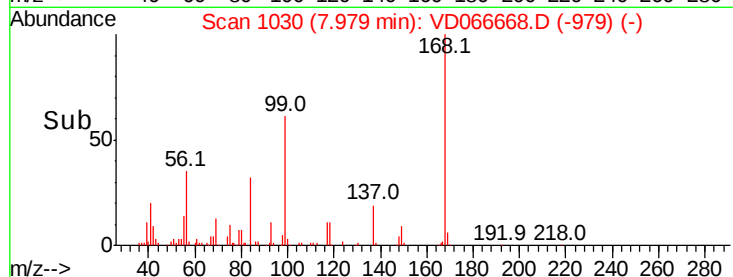
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.991 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066668.D

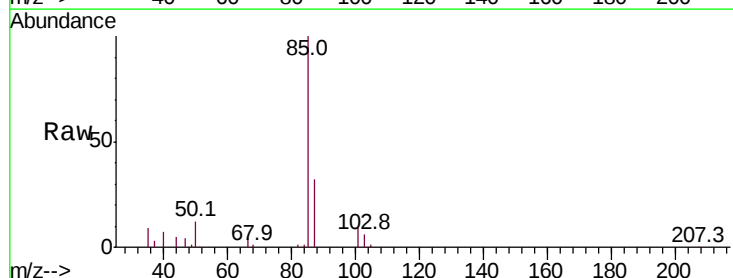
Acq: 12 Sep 2020 02:02

Tgt Ion: 85 Resp: 65302

Ion Ratio Lower Upper

85 100

87 32.0 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

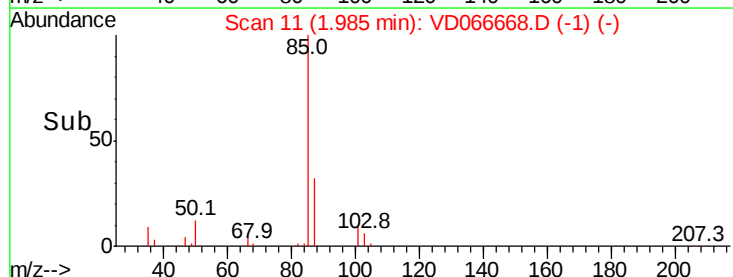
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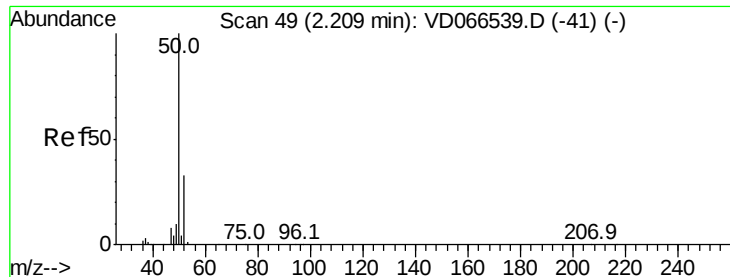
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 22.308 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

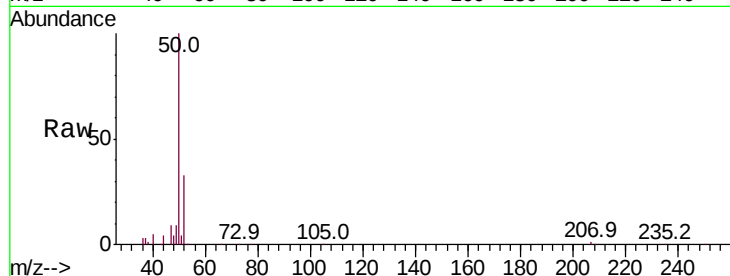
ClientSampleId :

Tot Ion: 50 Resp: 88812

Ion Ratio Lower Upper

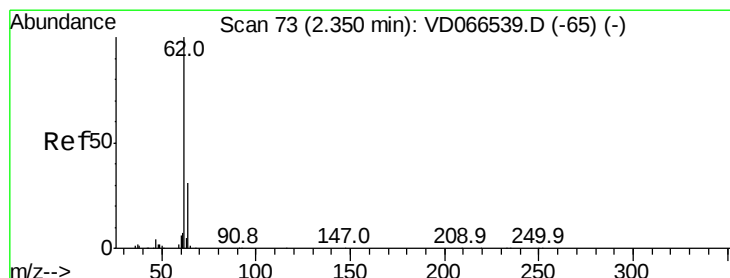
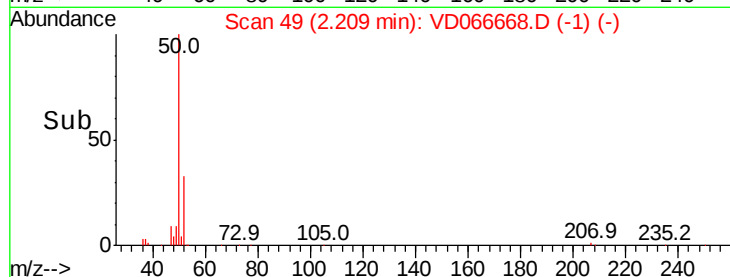
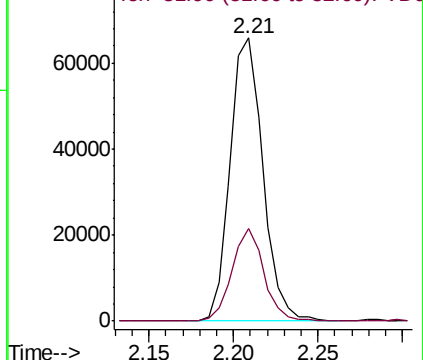
50 100

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: 19.997 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066668.D

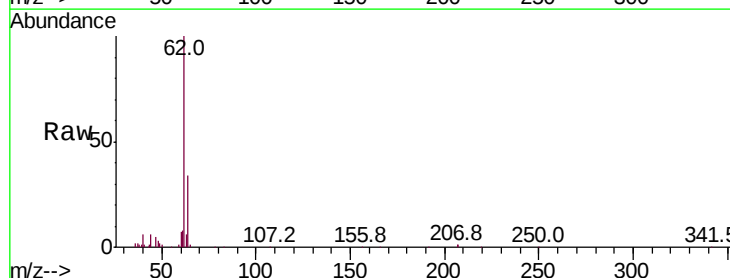
Acq: 12 Sep 2020 02:02

Tgt Ion: 62 Resp: 88300

Ion Ratio Lower Upper

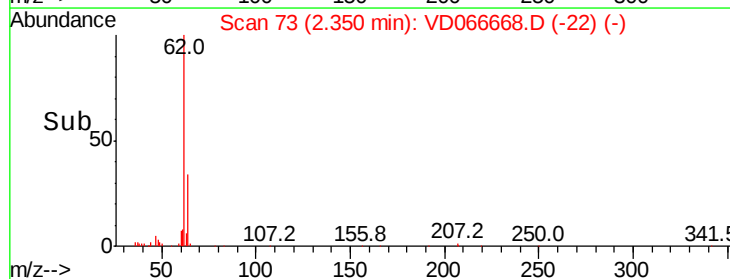
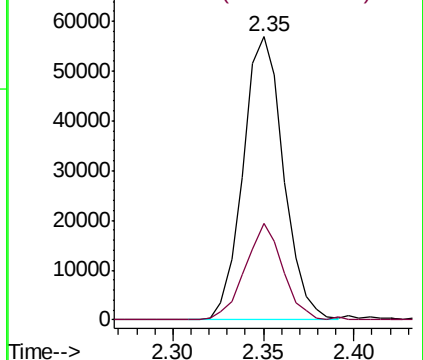
62 100

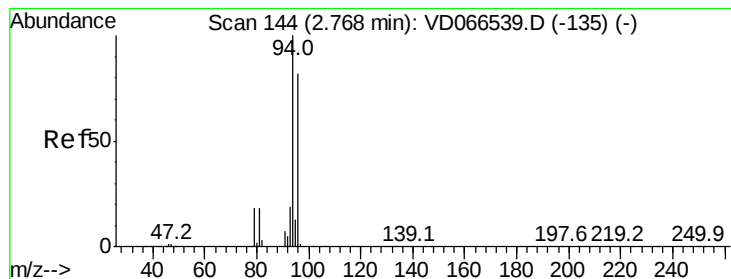
64 34.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.082 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

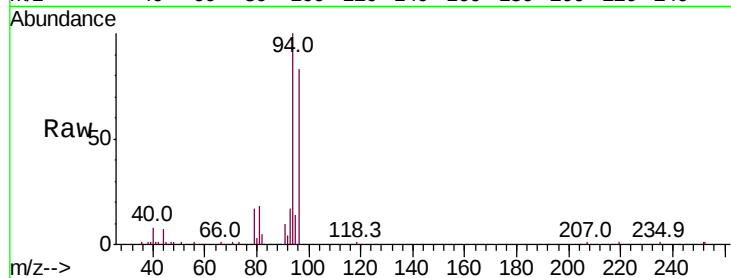
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 94 Resp: 63659

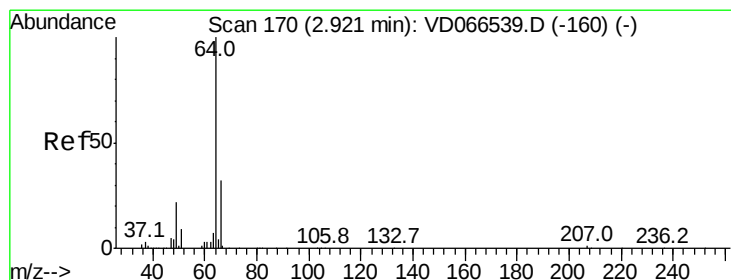
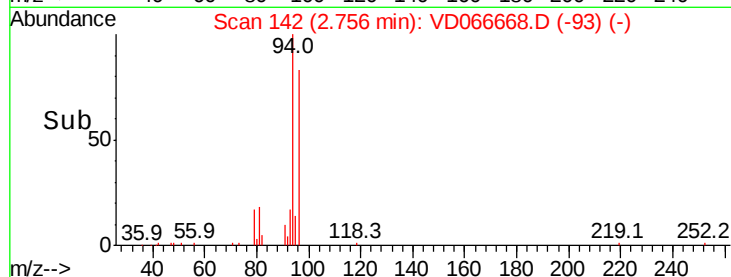
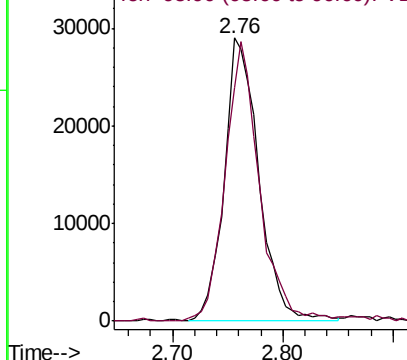
Ion Ratio Lower Upper

94 100

96 81.5 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.014 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066668.D

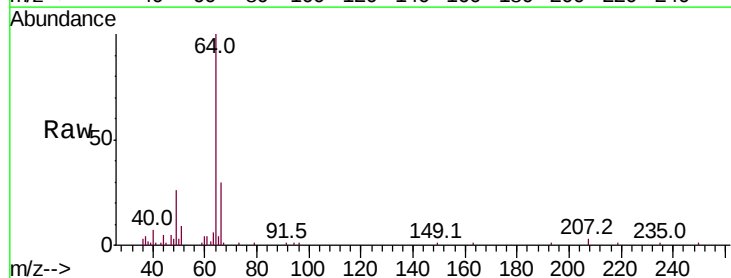
Acq: 12 Sep 2020 02:02

Tgt Ion: 64 Resp: 58937

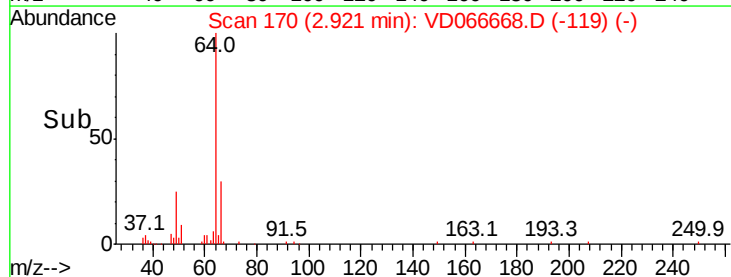
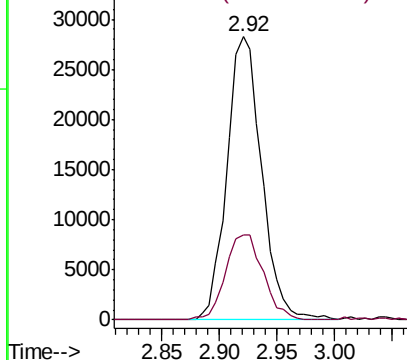
Ion Ratio Lower Upper

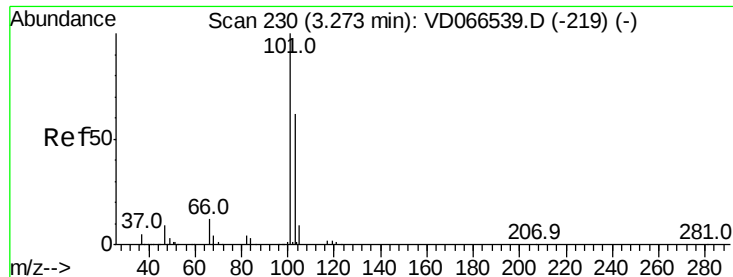
64 100

66 29.9 25.4 38.0



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



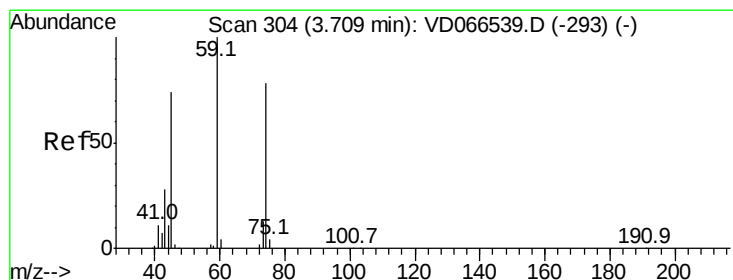
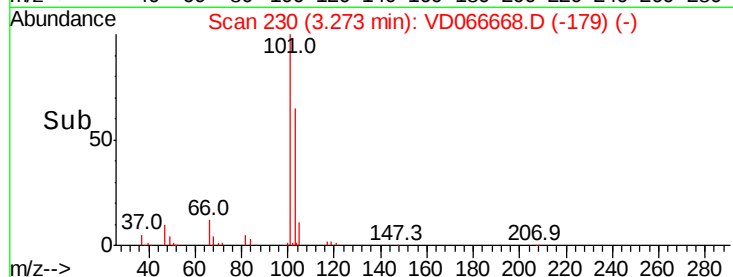
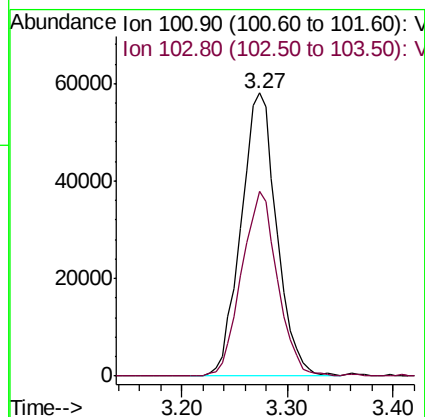
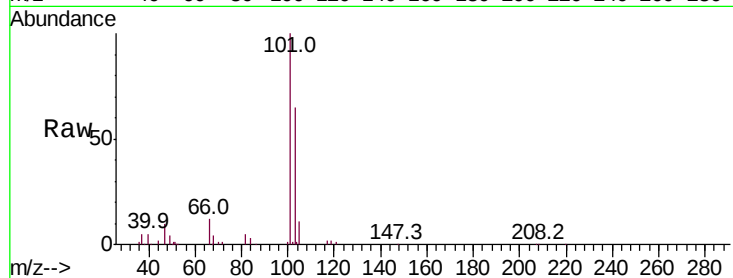


#7

Trichlorofluoromethane
Concen: 20.893 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Instrument :
MSVOA_D
ClientSampleId :

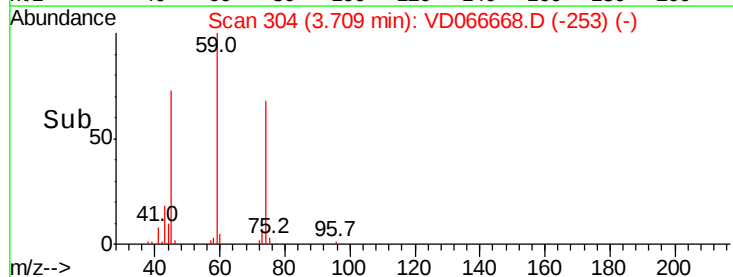
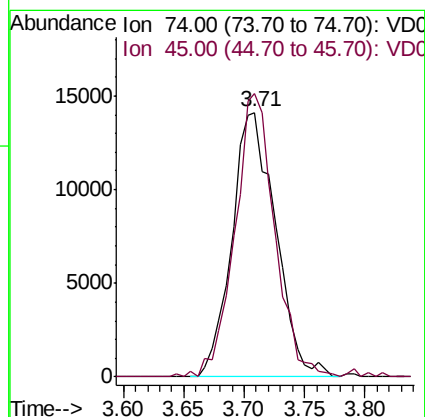
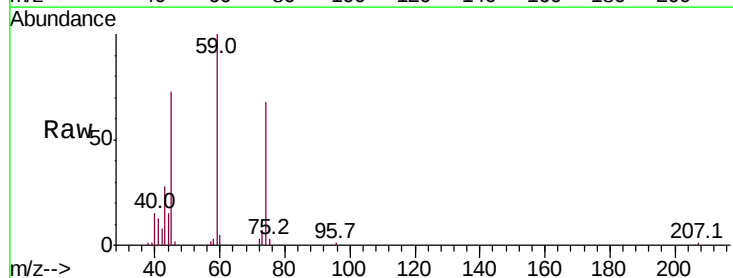
Tot Ion:101 Resp: 136282
Ion Ratio Lower Upper
101 100
103 65.4 49.7 74.5

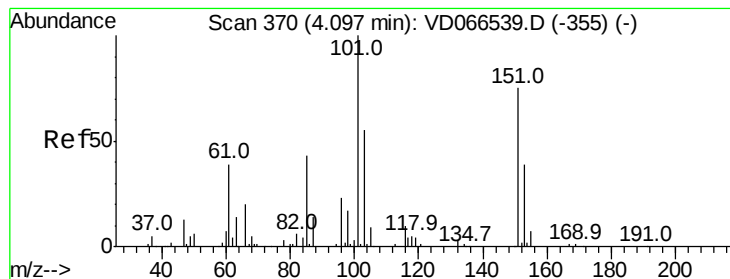


#8

Diethyl Ether
Concen: 21.641 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Tgt Ion: 74 Resp: 35547
Ion Ratio Lower Upper
74 100
45 98.1 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.386 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampleId :

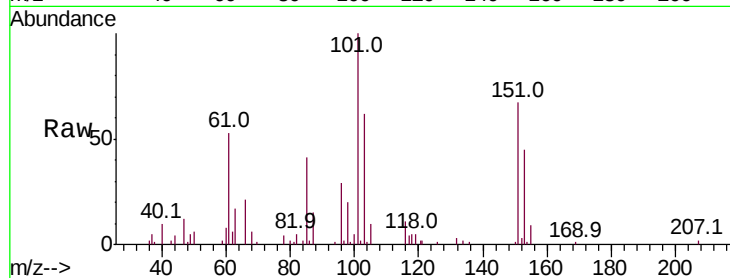
Tot Ion:101 Resp: 75498

Ion Ratio Lower Upper

101 100

85 43.0 37.0 55.6

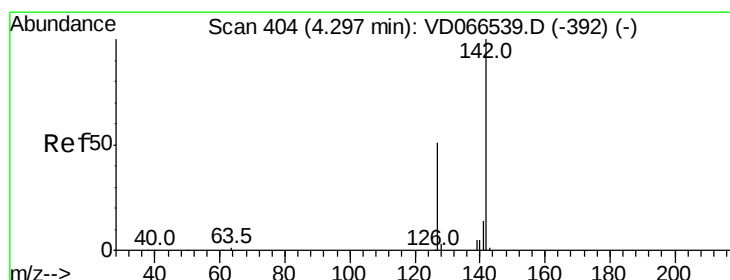
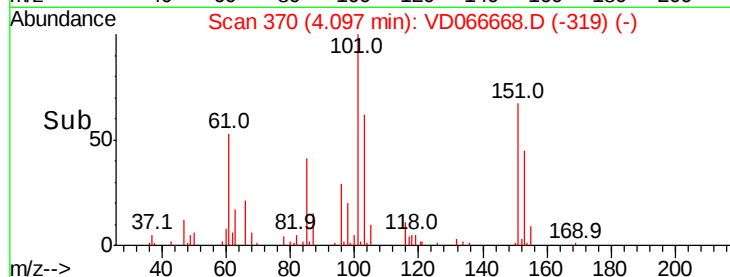
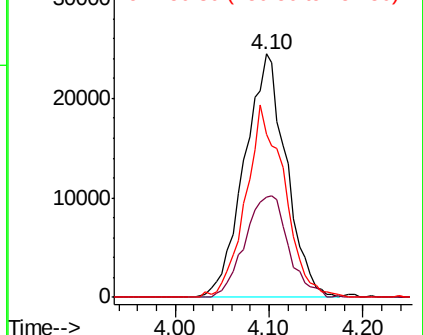
151 73.3 59.4 89.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.492 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

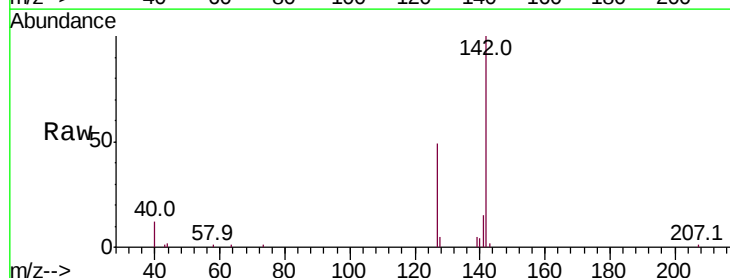
Tgt Ion:142 Resp: 68178

Ion Ratio Lower Upper

142 100

127 52.8 40.6 61.0

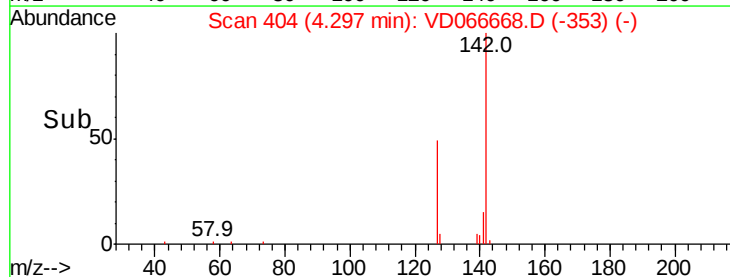
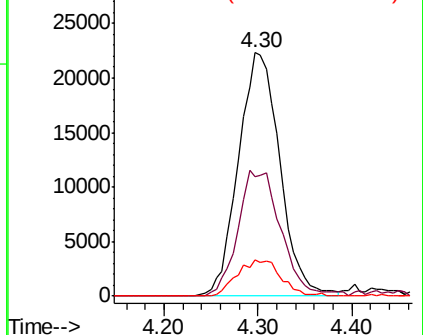
141 15.5 12.2 18.4

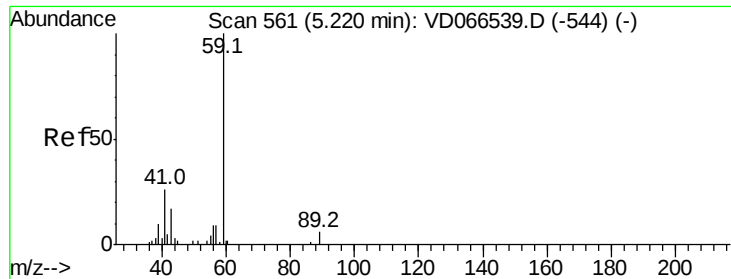


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



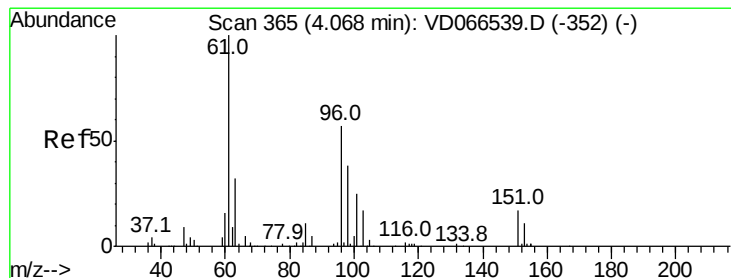
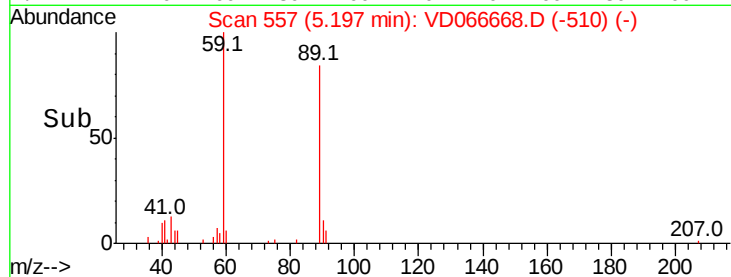
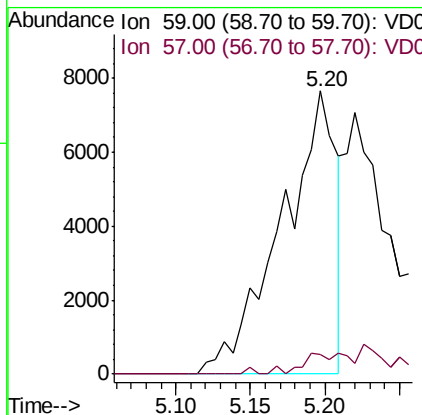
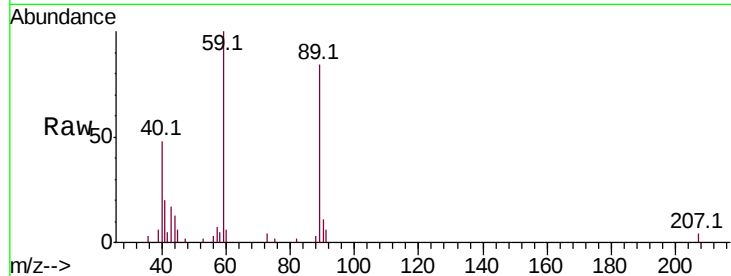


#11

Tert butyl alcohol
Concen: 44.303 ug/l
RT: 5.20 min Scan# 557
Delta R.T. -0.02 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Instrument :
MSVOA_D
ClientSampleId :

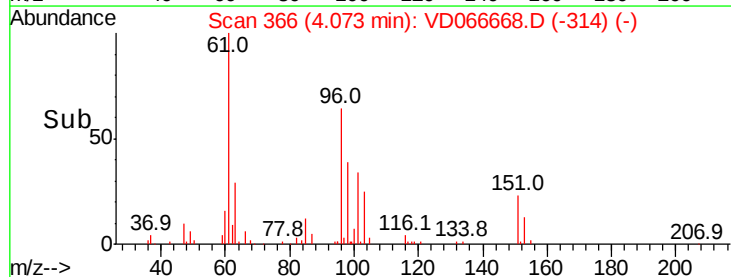
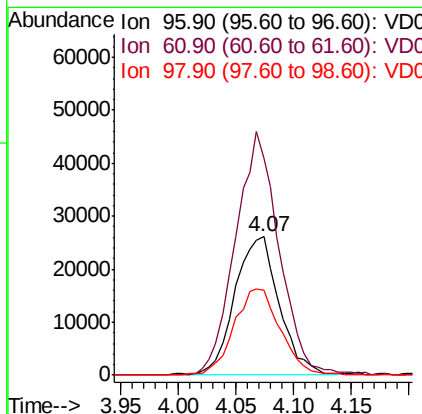
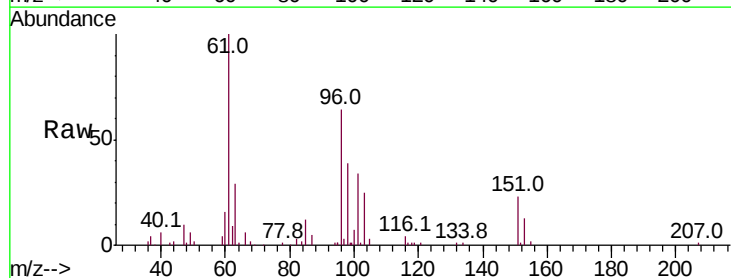
Tot Ion: 59 Resp: 19457
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#

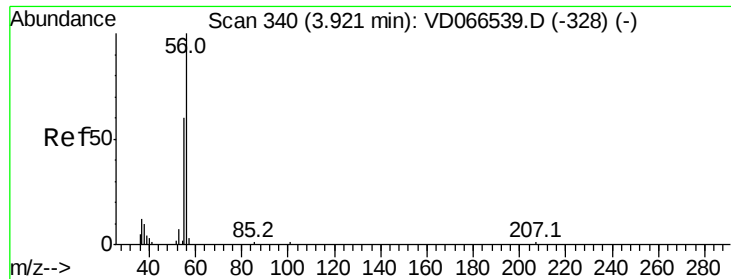


#12

1,1-Dichloroethene
Concen: 22.099 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Tgt Ion: 96 Resp: 70091
Ion Ratio Lower Upper
96 100
61 156.0 140.9 211.3
98 60.9 53.2 79.8





#13

Acrolein

Concen: 85.298 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

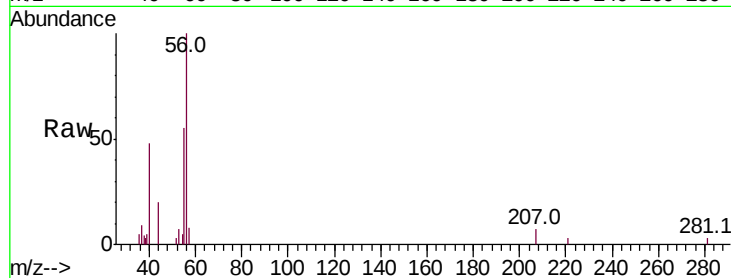
ClientSampleId :

Tot Ion: 56 Resp: 13284

Ion Ratio Lower Upper

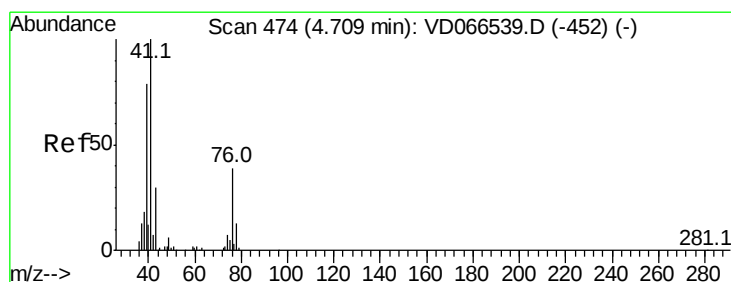
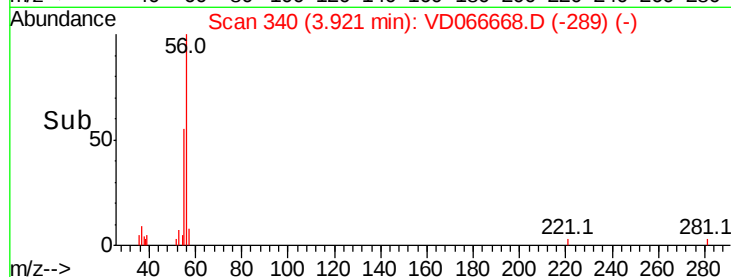
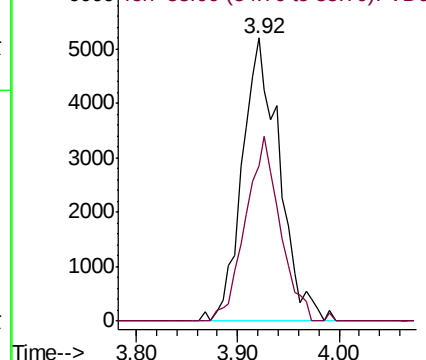
56 100

55 60.2 53.6 80.4



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 22.343 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

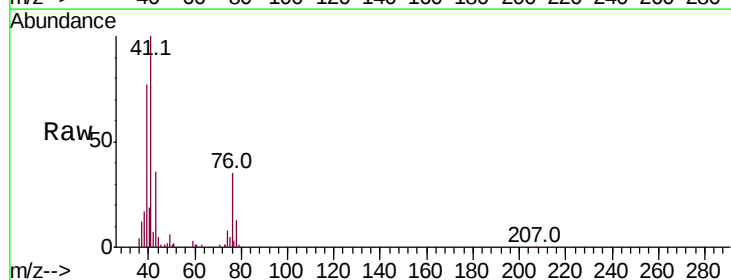
Tgt Ion: 41 Resp: 116140

Ion Ratio Lower Upper

41 100

39 76.6 61.9 92.9

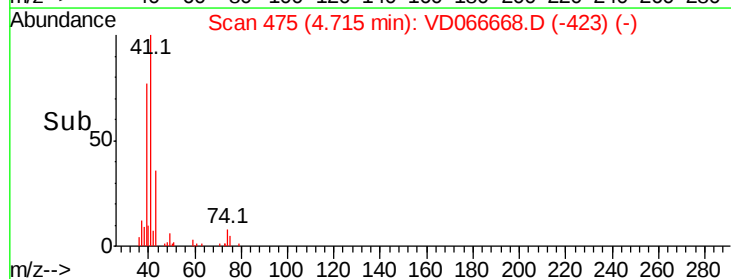
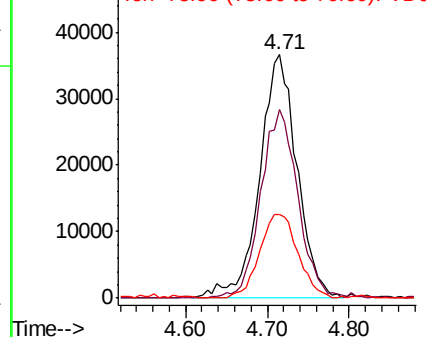
76 35.4 29.0 43.6

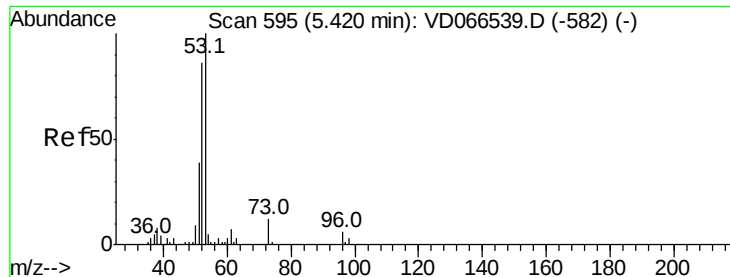


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 117.389 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampleId :

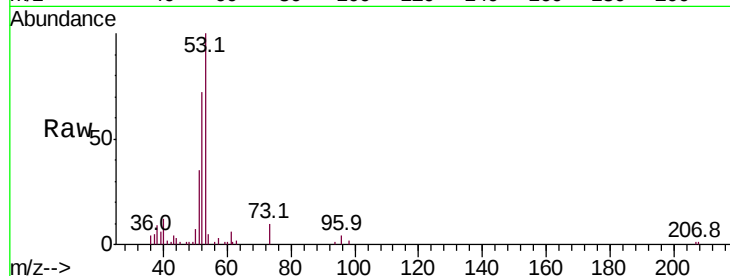
Tot Ion: 53 Resp: 82831

Ion Ratio Lower Upper

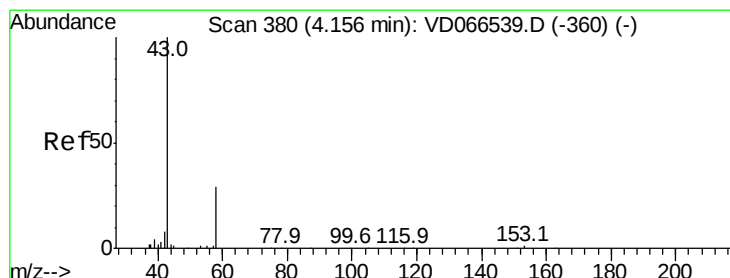
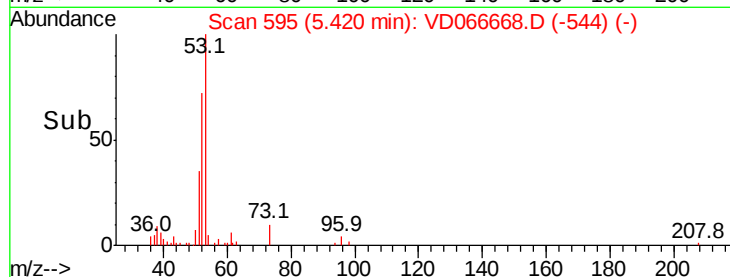
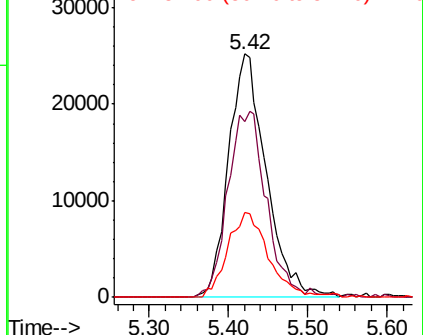
53 100

52 77.4 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: 93.963 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066668.D

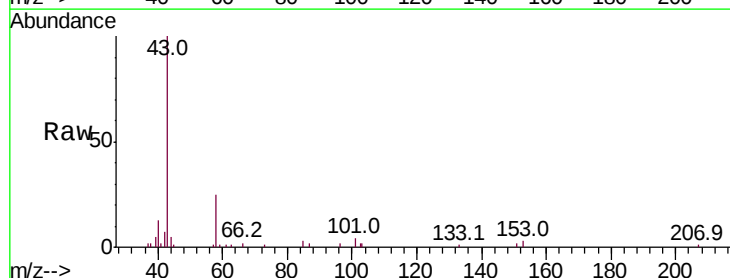
Acq: 12 Sep 2020 02:02

Tgt Ion: 43 Resp: 65850

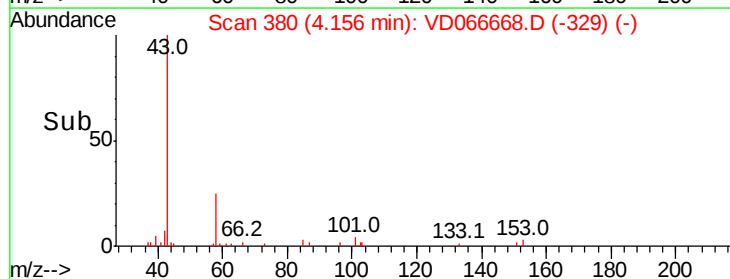
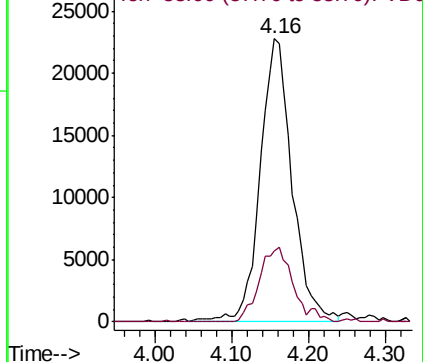
Ion Ratio Lower Upper

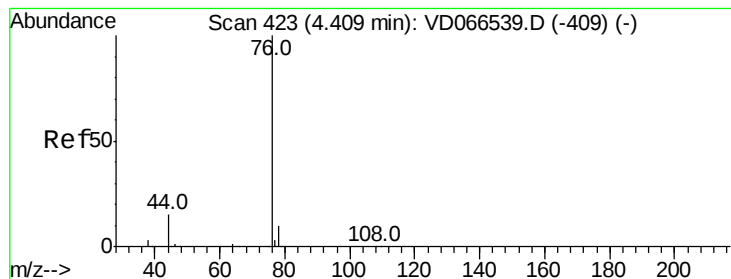
43 100

58 25.0 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: 22.311 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

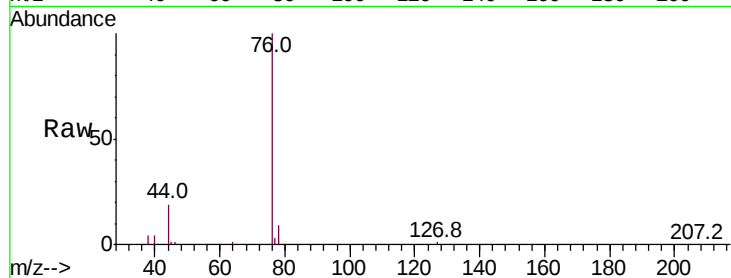
ClientSampleId :

Tot Ion: 76 Resp: 232630

Ion Ratio Lower Upper

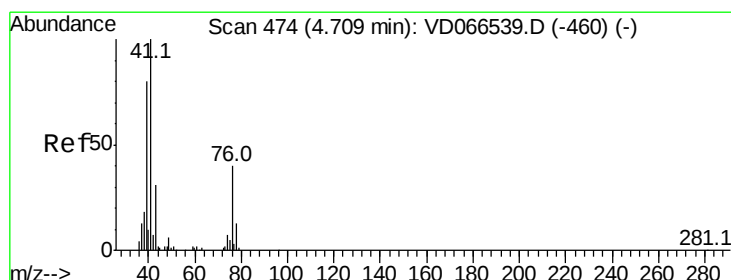
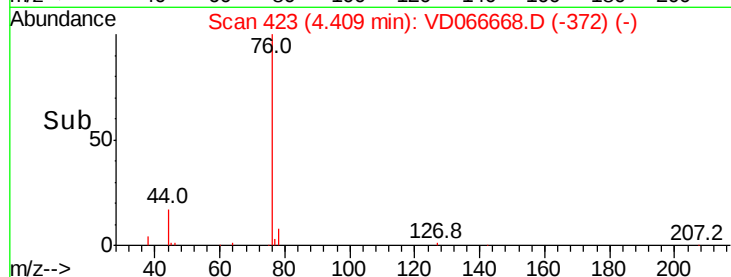
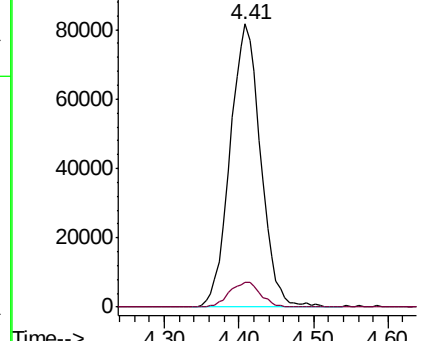
76 100

78 8.8 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 24.859 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066668.D

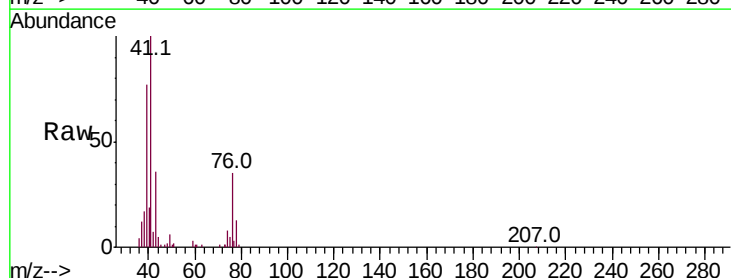
Acq: 12 Sep 2020 02:02

Tgt Ion: 43 Resp: 41529

Ion Ratio Lower Upper

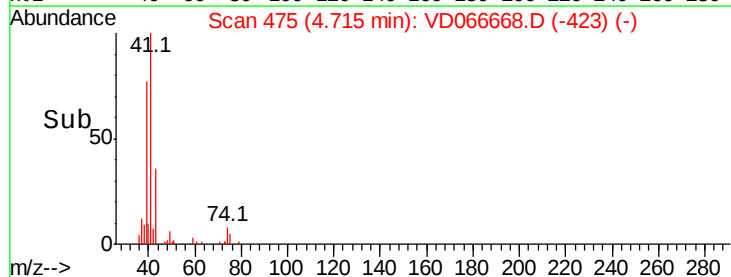
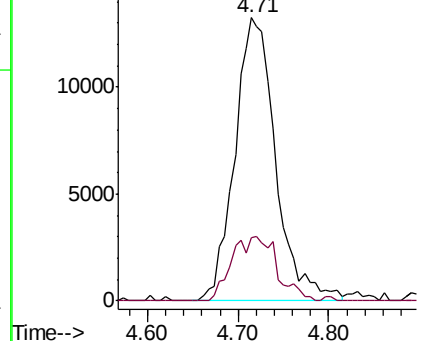
43 100

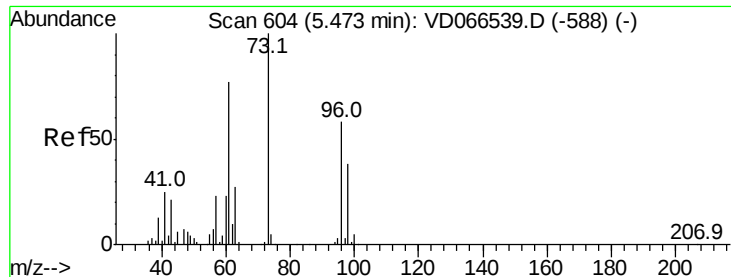
74 9.7 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

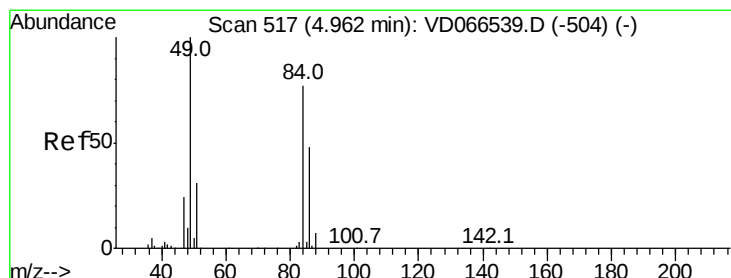
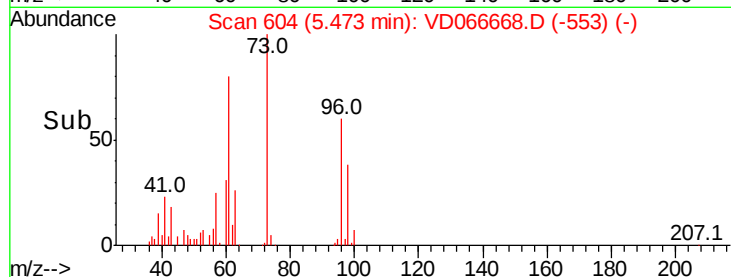
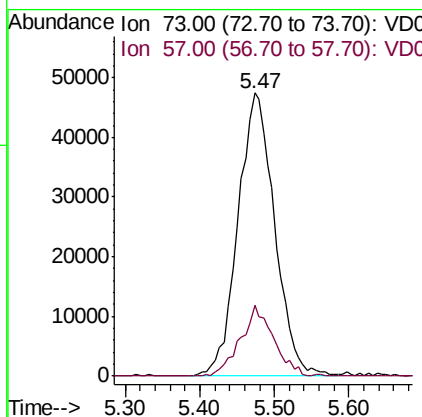
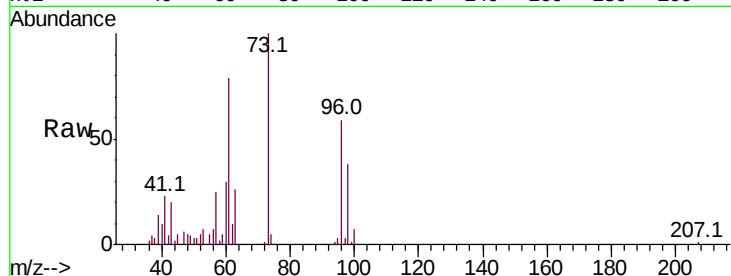




#19
Methvl tert-butvl Ether
Concen: 21.758 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

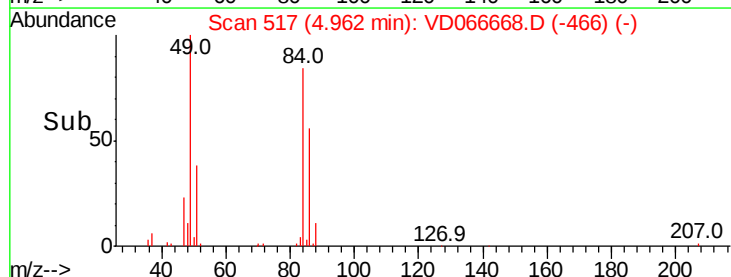
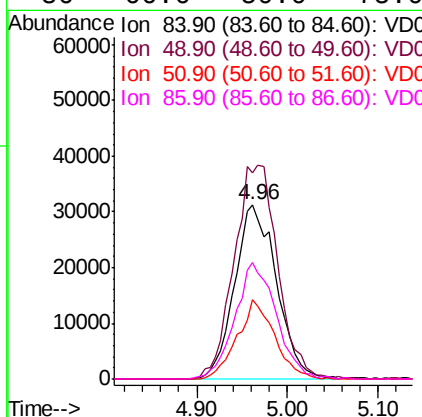
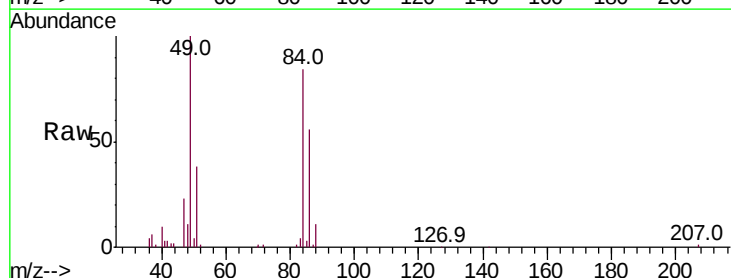
Instrument :
MSVOA_D
ClientSampleId :

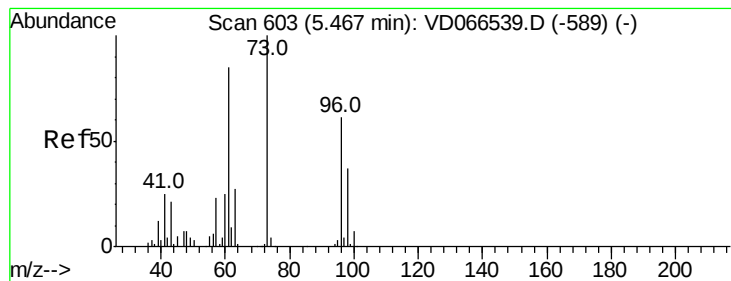
Tot Ion: 73 Resp: 161832
Ion Ratio Lower Upper
73 100
57 25.1 18.3 27.5



#20
Methylene Chloride
Concen: 22.734 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Tgt Ion: 84 Resp: 100613
Ion Ratio Lower Upper
84 100
49 118.4 104.3 156.5
51 45.2 32.2 48.4
86 66.6 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 22.313 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampleId :

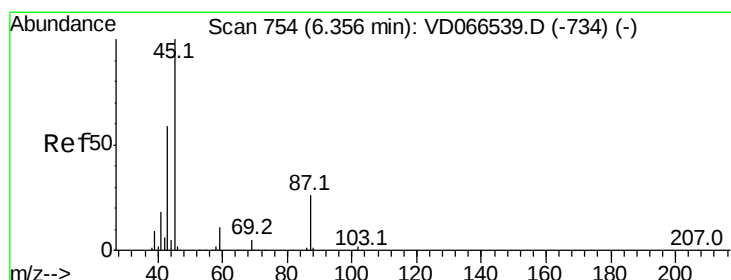
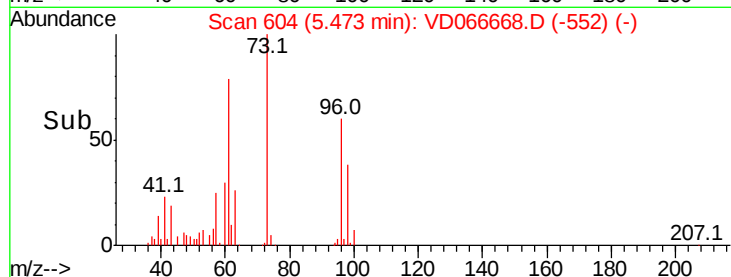
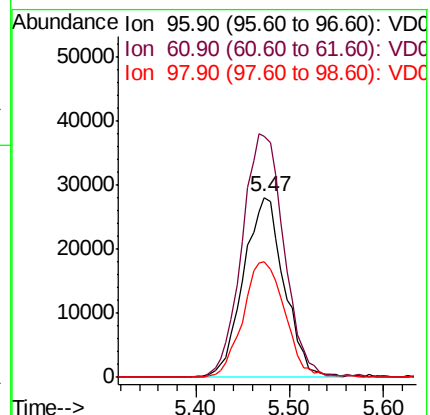
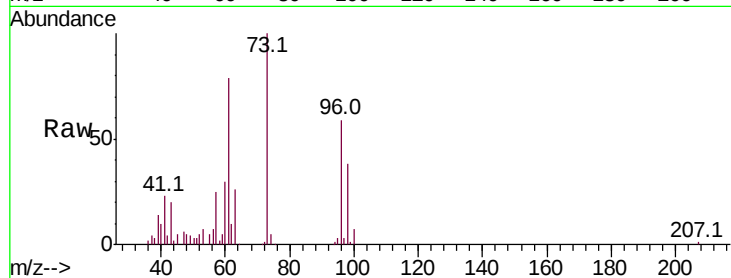
Tot Ion: 96 Resp: 84039

Ion Ratio Lower Upper

96 100

61 134.0 112.1 168.1

98 63.9 48.6 72.8



#22

Diisopropyl ether

Concen: 23.498 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Tgt Ion: 45 Resp: 251178

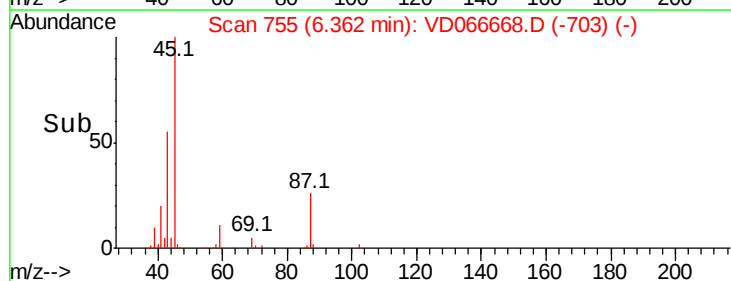
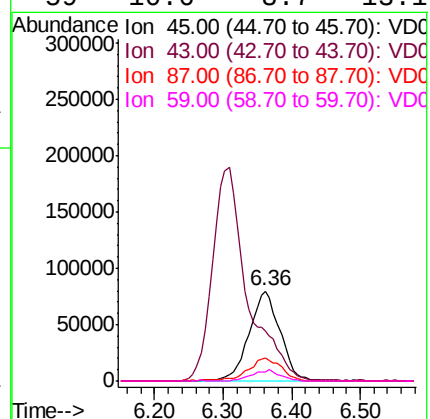
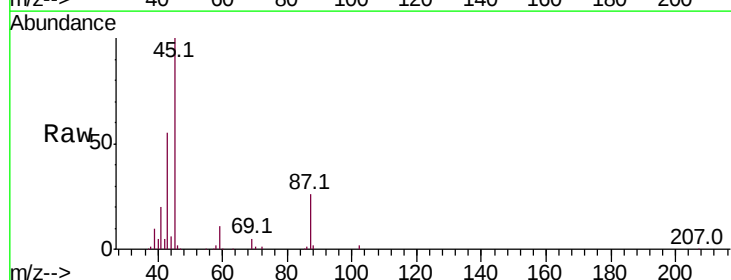
Ion Ratio Lower Upper

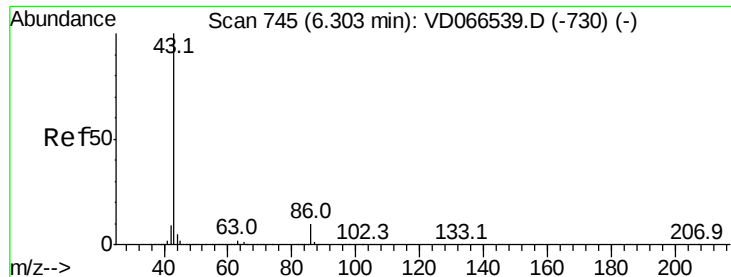
45 100

43 54.5 47.0 70.4

87 26.1 21.3 31.9

59 10.6 8.7 13.1





#23

Vinyl Acetate

Concen: 110.018 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

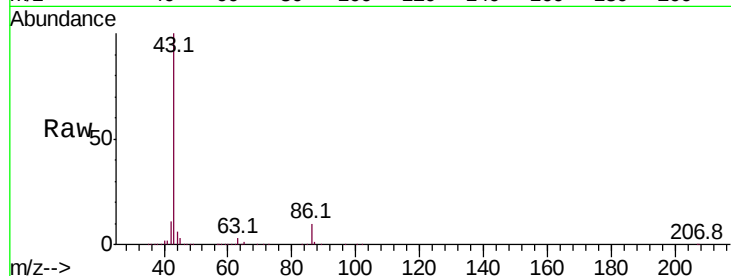
ClientSampleId :

Tot Ion: 43 Resp: 669230

Ion Ratio Lower Upper

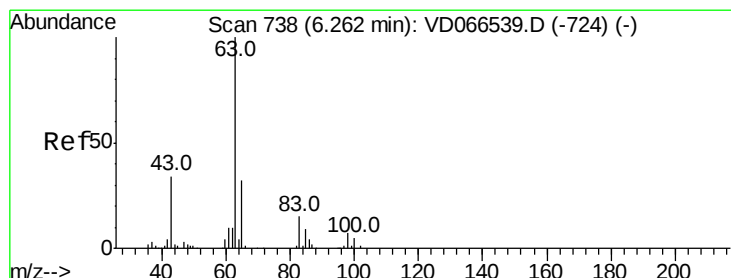
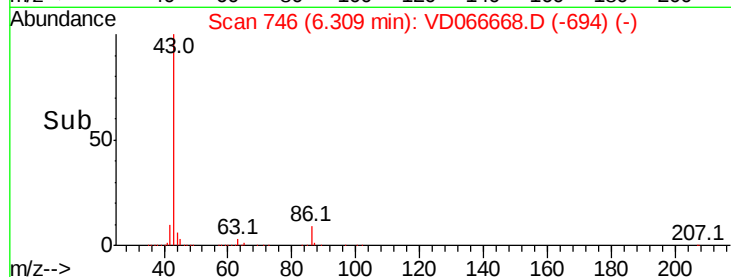
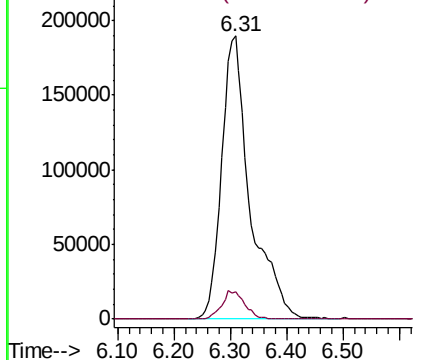
43 100

86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.861 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

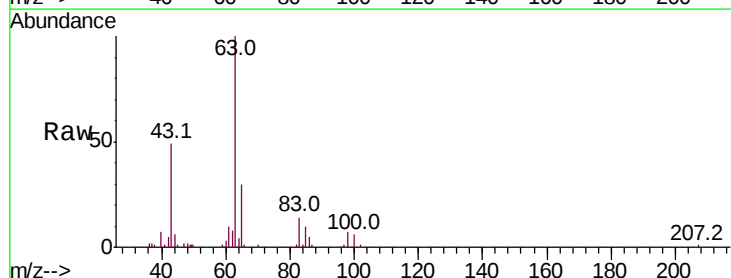
Tgt Ion: 63 Resp: 153672

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

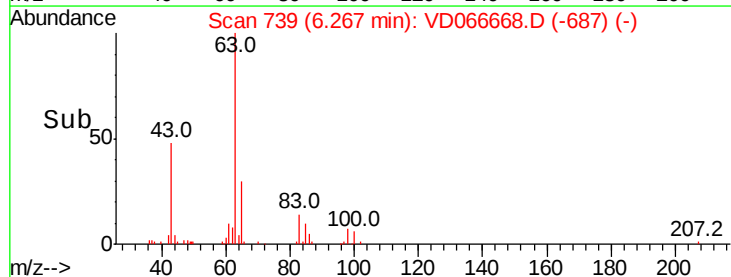
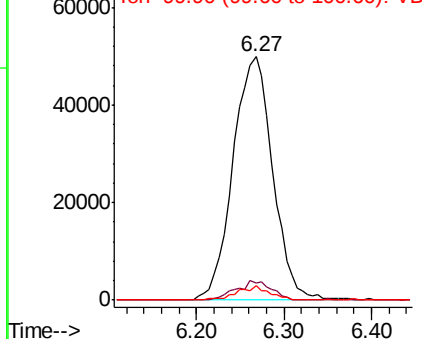
100 5.9 2.5 7.4

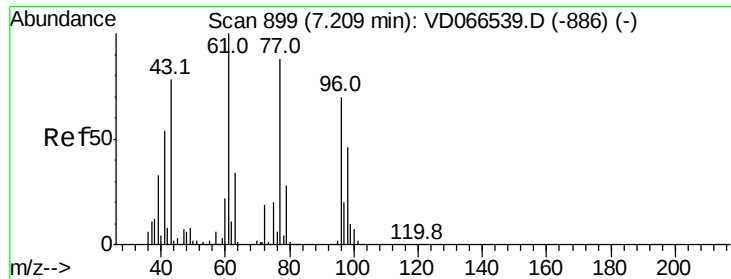


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 105.987 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

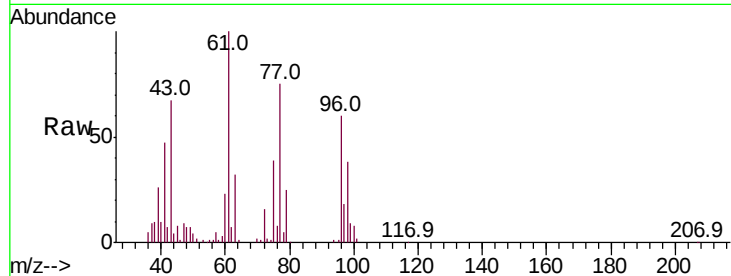
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 99709

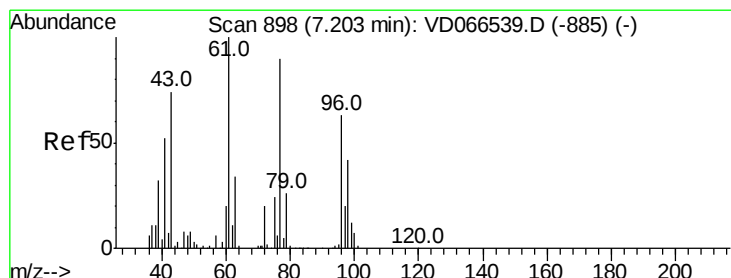
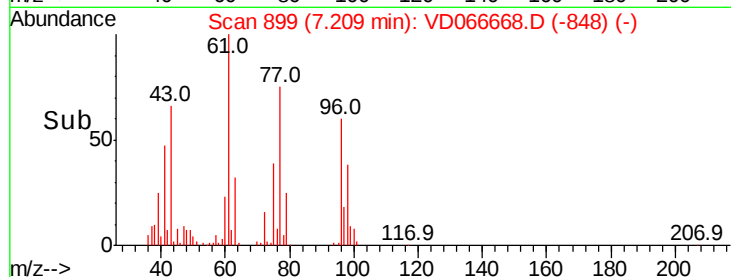
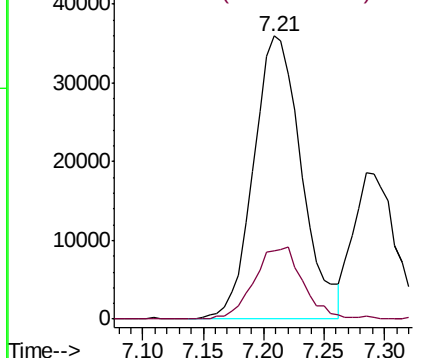
Ion Ratio Lower Upper

43 100

72 24.3 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.896 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.00 min

Lab File: VD066668.D

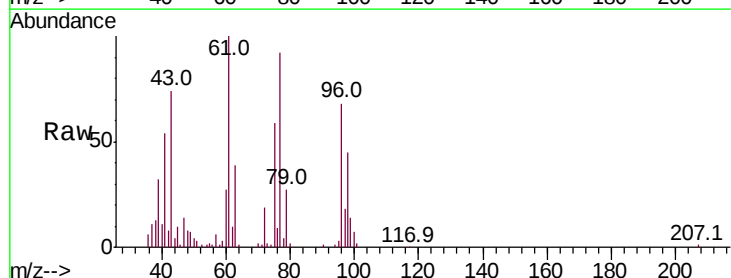
Acq: 12 Sep 2020 02:02

Tgt Ion: 77 Resp: 122680

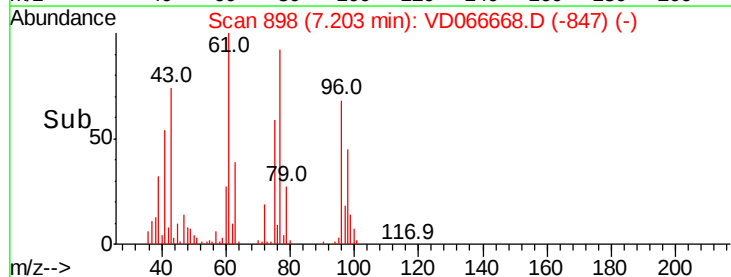
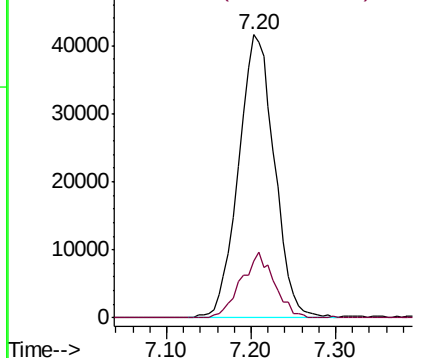
Ion Ratio Lower Upper

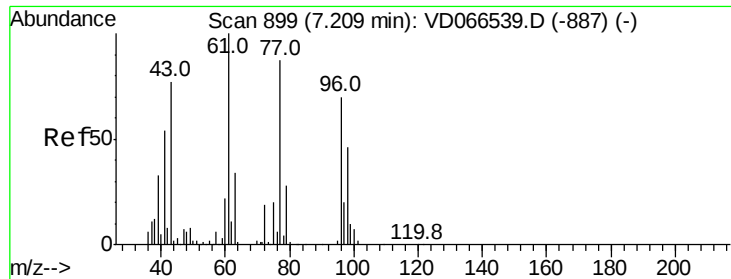
77 100

97 21.4 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC
Ion 96.90 (96.60 to 97.60): VDC



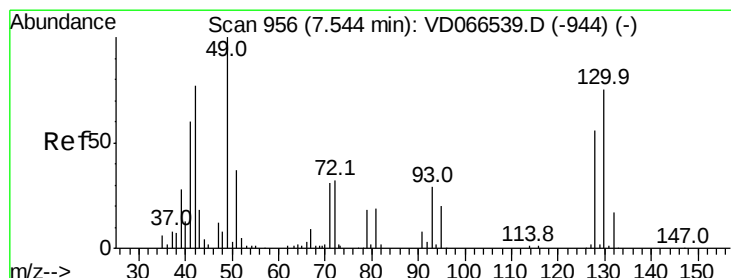
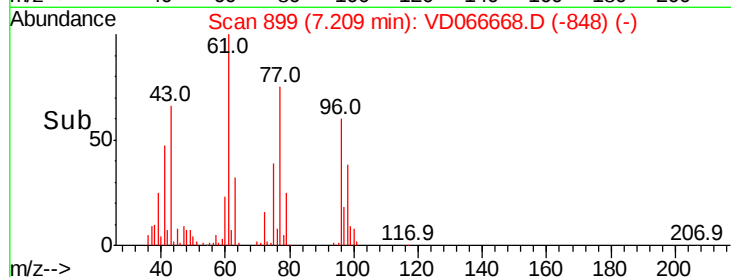
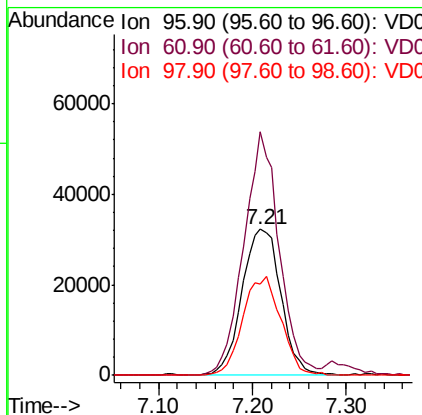
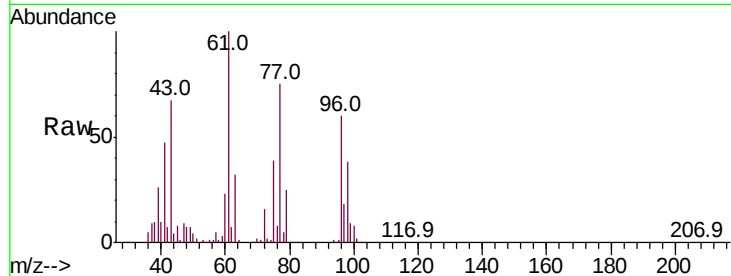


#27

cis-1,2-Dichloroethene
 Concen: 22.875 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 12 Sep 2020 02:02

Instrument :
 MSVOA_D
 ClientSampleId :

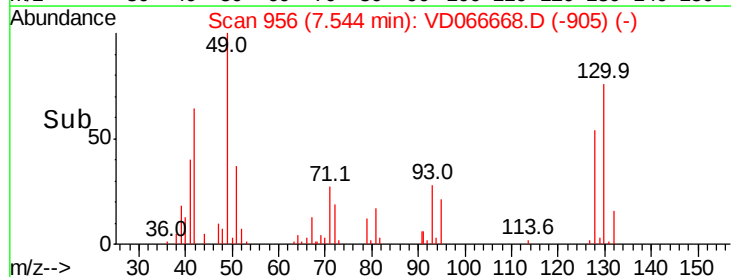
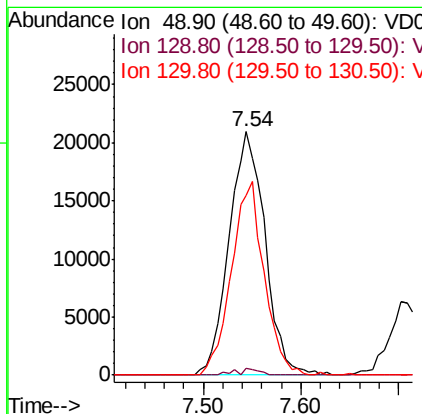
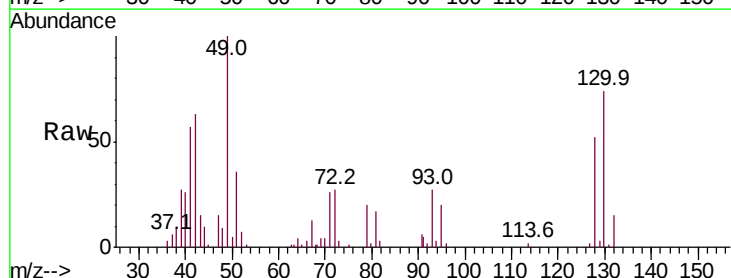
Tot Ion: 96 Resp: 92648
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 301.0
 98 66.0 0.0 129.8

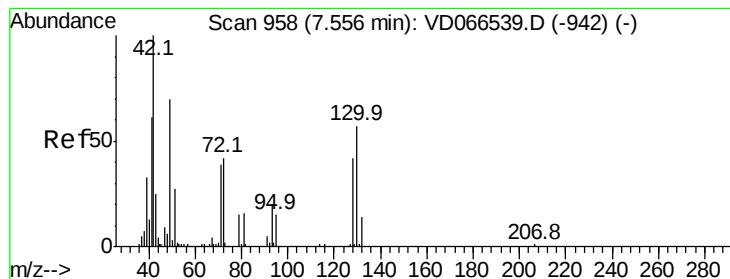


#28

Bromochloromethane
 Concen: 20.718 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 12 Sep 2020 02:02

Tgt Ion: 49 Resp: 53616
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 2.6
 130 72.4 58.2 87.2





#29

Tetrahydrofuran

Concen: 108.930 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampled :

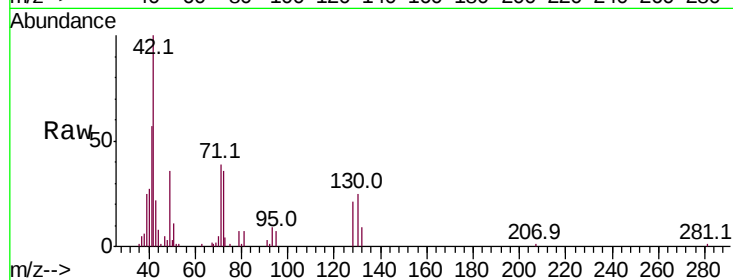
Tot Ion: 42 Resp: 63822

Ion Ratio Lower Upper

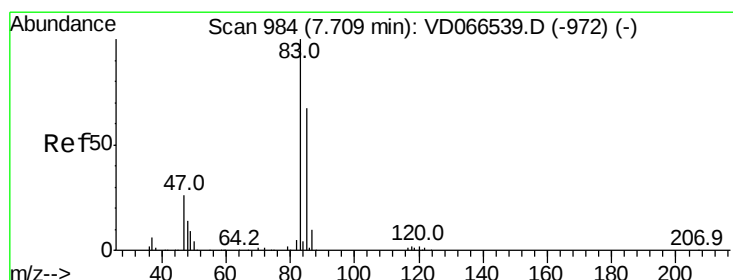
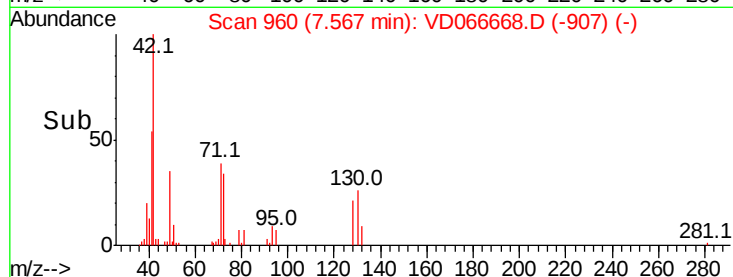
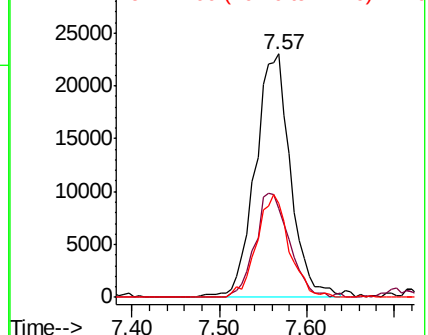
42 100

72 41.4 33.4 50.0

71 38.9 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: 23.253 ug/l

RT: 7.70 min Scan# 983

Delta R.T. -0.01 min

Lab File: VD066668.D

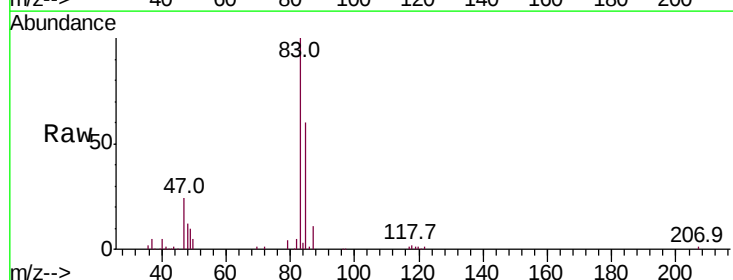
Acq: 12 Sep 2020 02:02

Tgt Ion: 83 Resp: 165360

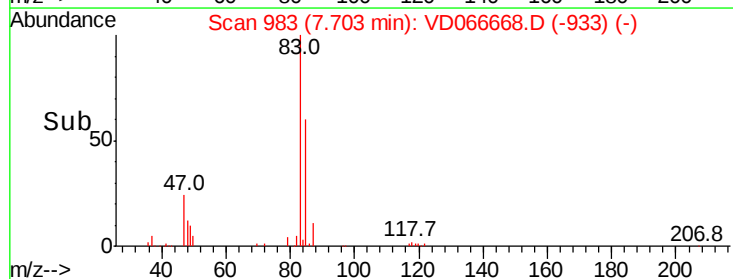
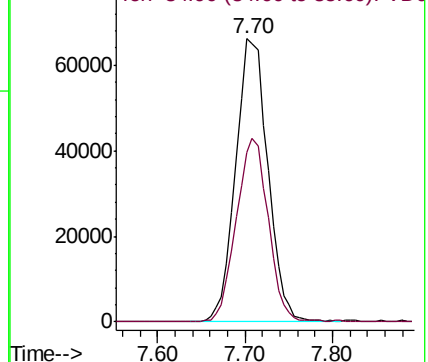
Ion Ratio Lower Upper

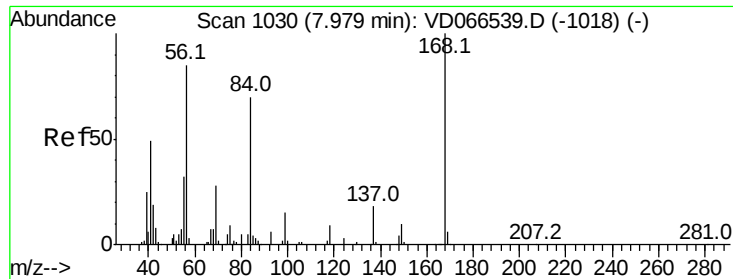
83 100

85 60.0 53.6 80.4



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

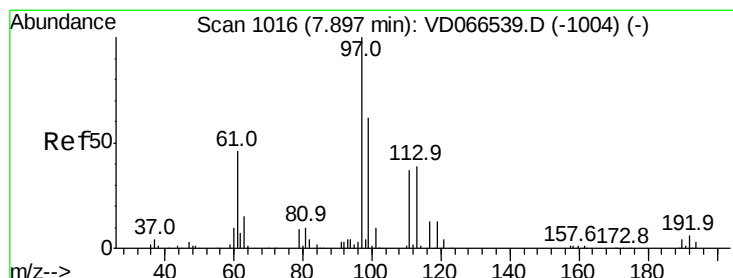
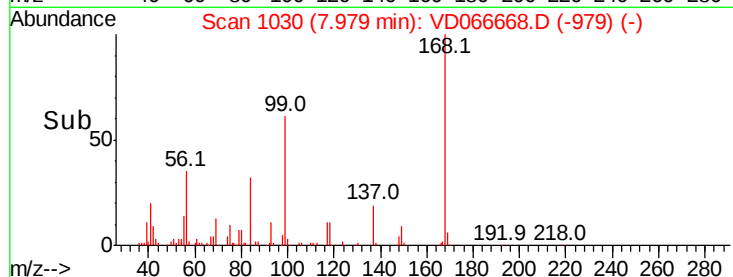
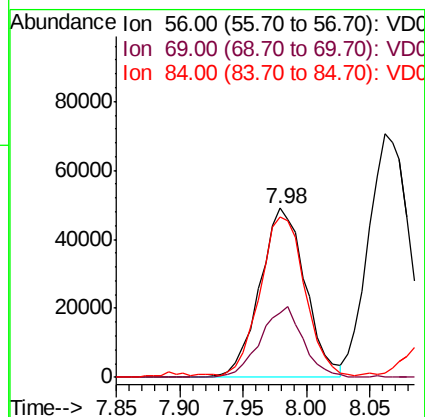
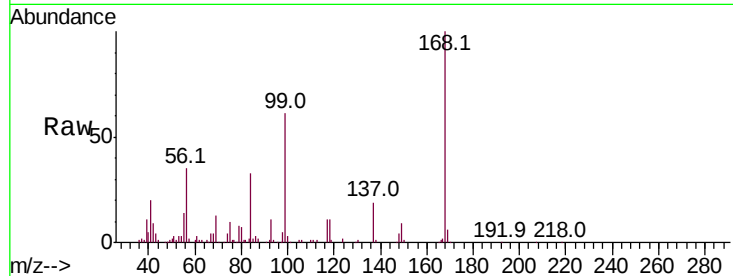




#31
Cyclohexane
Concen: 19.710 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

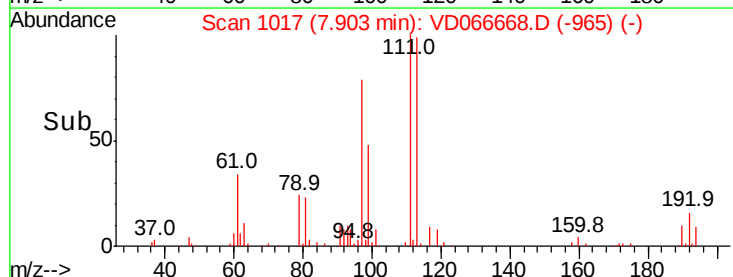
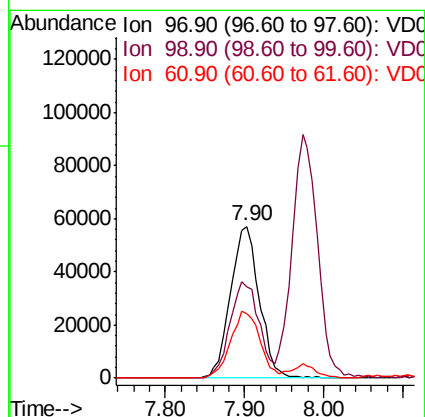
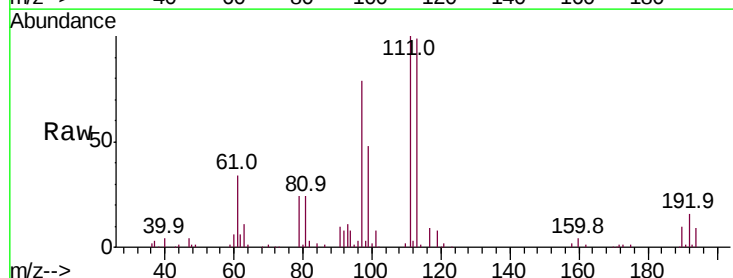
Instrument :
MSVOA_D
ClientSampled :

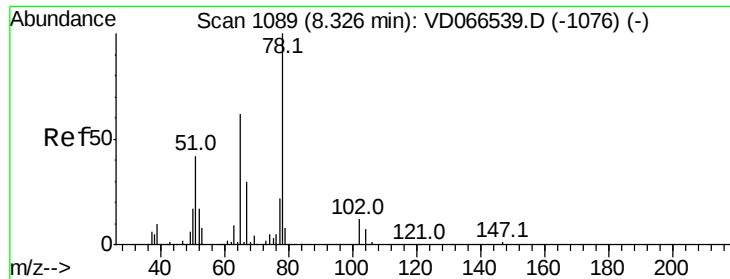
Tot Ion: 56 Resp: 122470
Ion Ratio Lower Upper
56 100
69 38.2 26.3 39.5
84 93.6 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 21.528 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Tgt Ion: 97 Resp: 143939
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 44.8 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 57.799 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

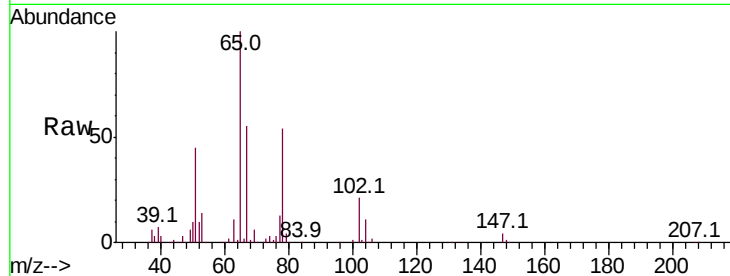
ClientSampled :

Tot Ion: 65 Resp: 220146

Ion Ratio Lower Upper

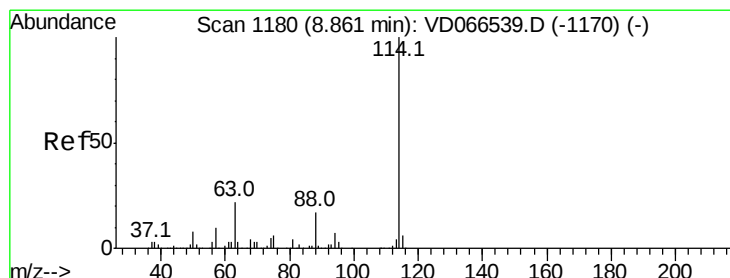
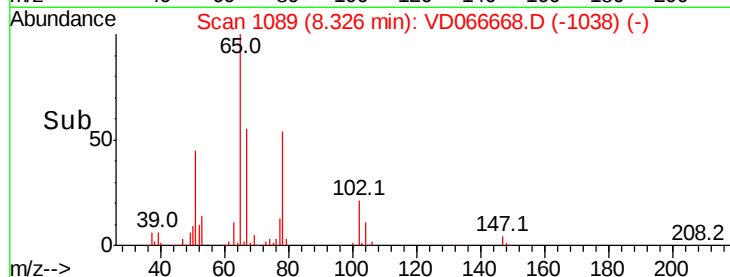
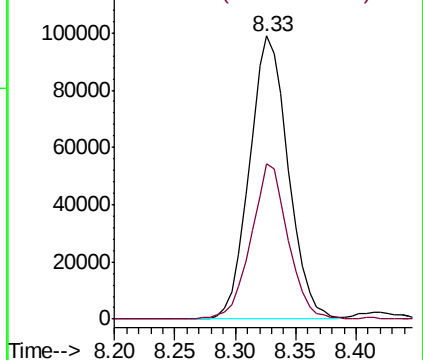
65 100

67 52.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

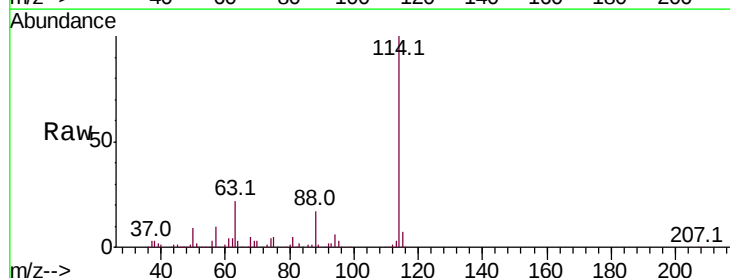
Tgt Ion:114 Resp: 543985

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

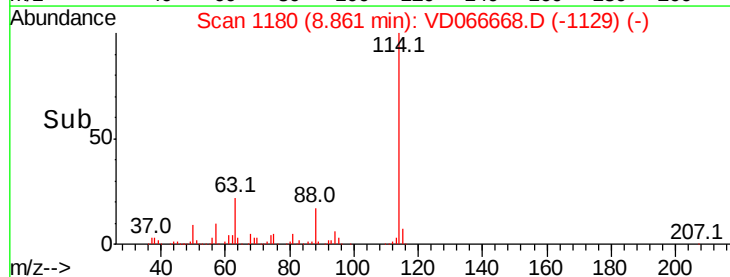
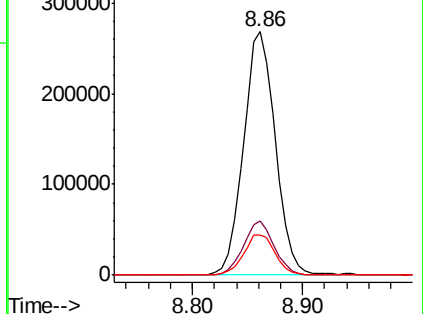
88 16.7 0.0 33.2

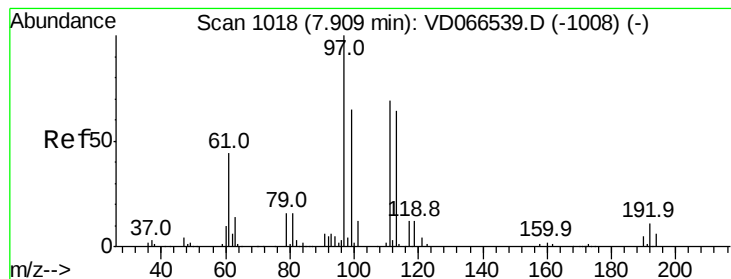


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 56.791 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampled :

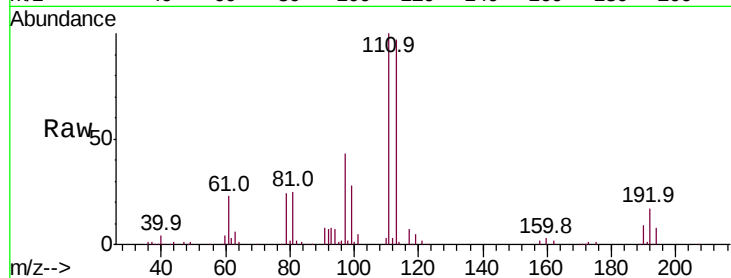
Tot Ion:113 Resp: 208411

Ion Ratio Lower Upper

113 100

111 102.5 83.2 124.8

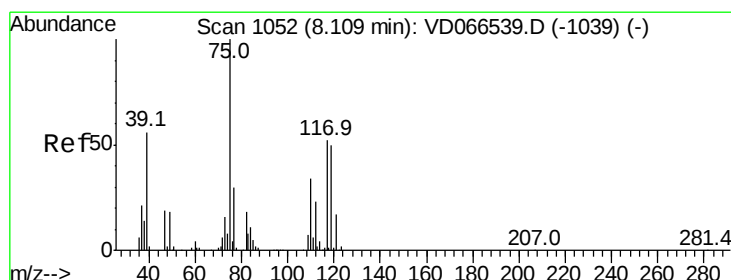
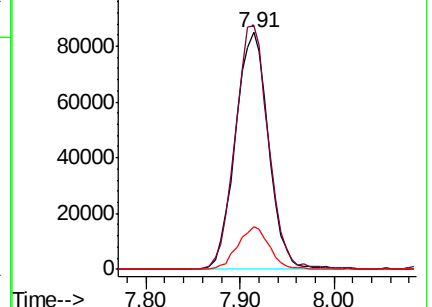
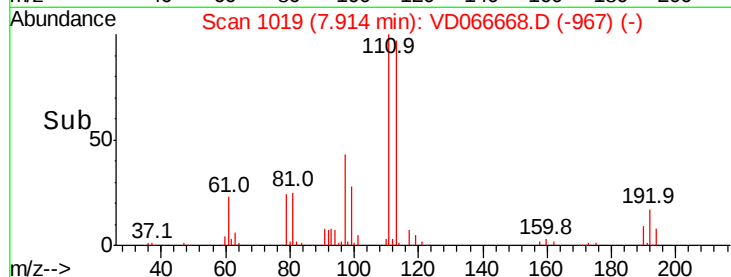
192 17.1 13.7 20.5



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: 20.877 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

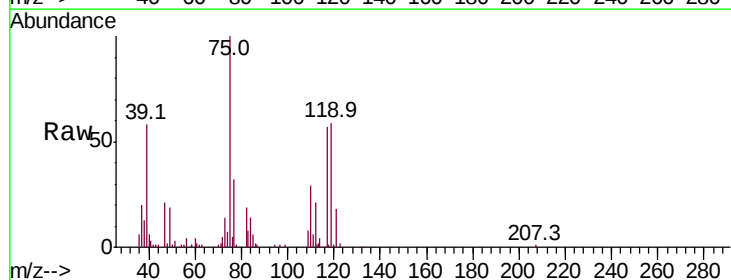
Tgt Ion: 75 Resp: 118189

Ion Ratio Lower Upper

75 100

110 33.7 17.3 52.0

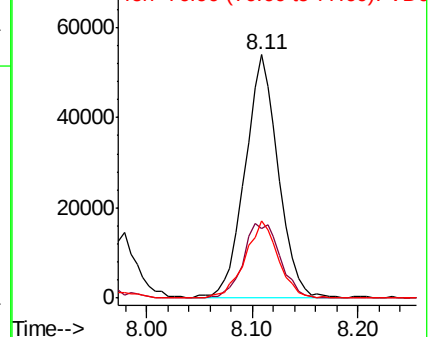
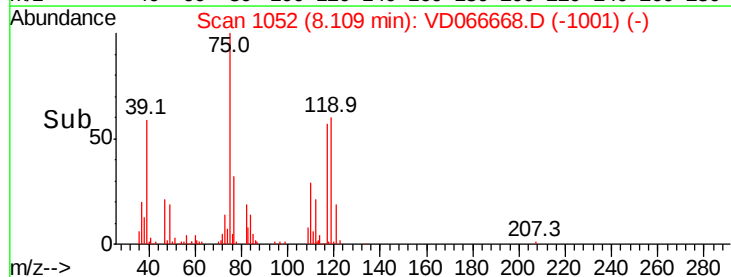
77 31.7 25.1 37.7

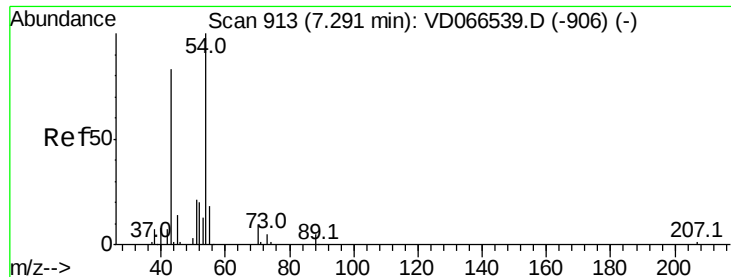


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

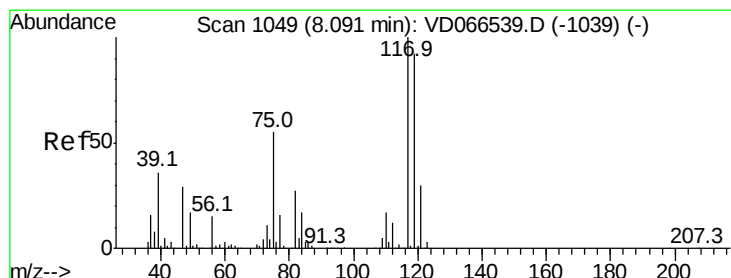
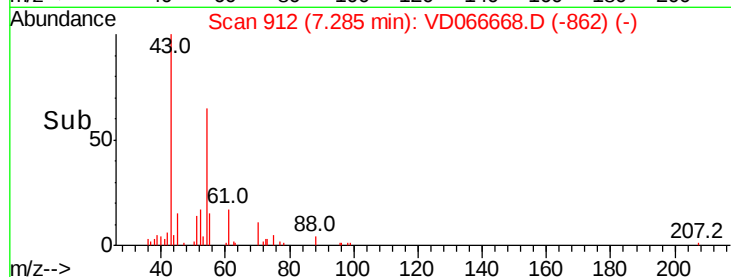
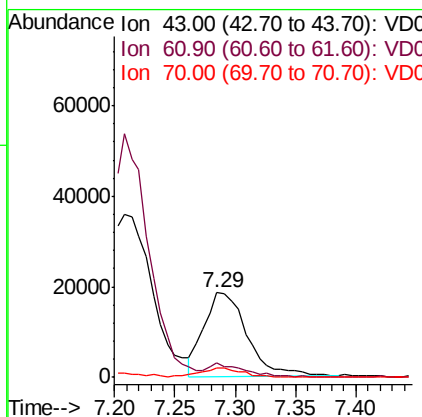
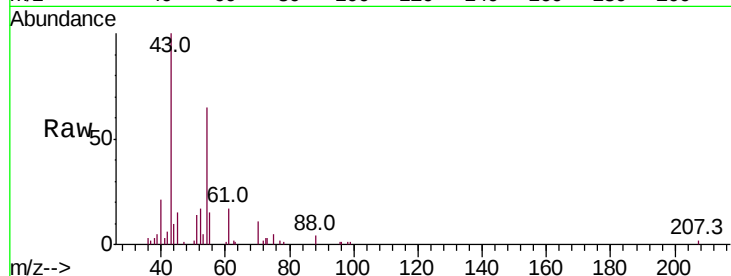




#37
Ethyl Acetate
Concen: 20.226 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

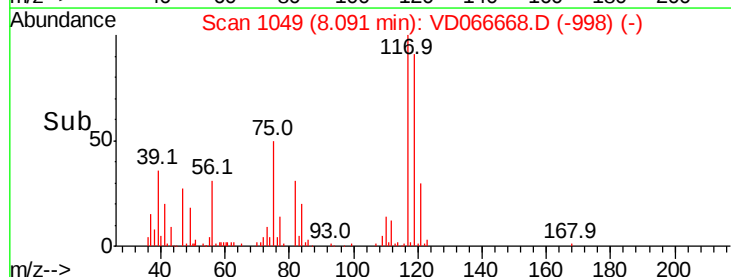
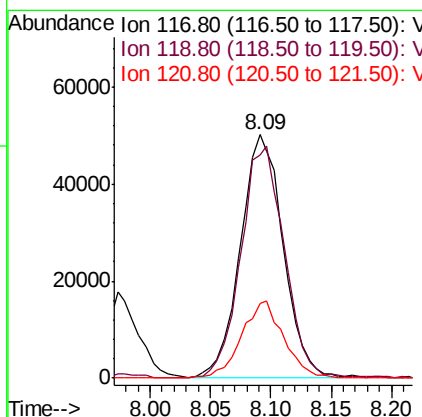
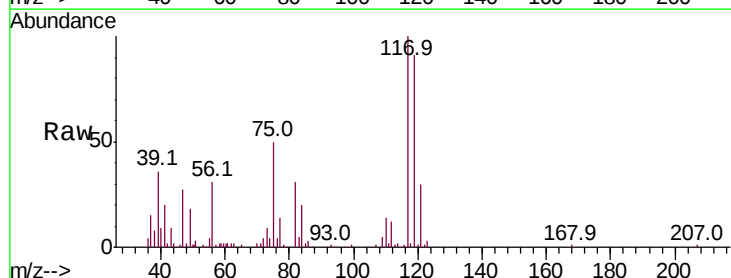
Instrument :
MSVOA_D
ClientSampleId :

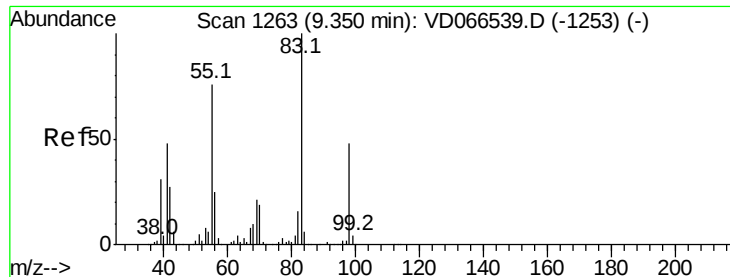
Tot Ion: 43 Resp: 45596
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.8
70 10.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.473 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Tgt Ion: 117 Resp: 122509
Ion Ratio Lower Upper
117 100
119 91.4 73.9 110.9
121 30.6 24.1 36.1

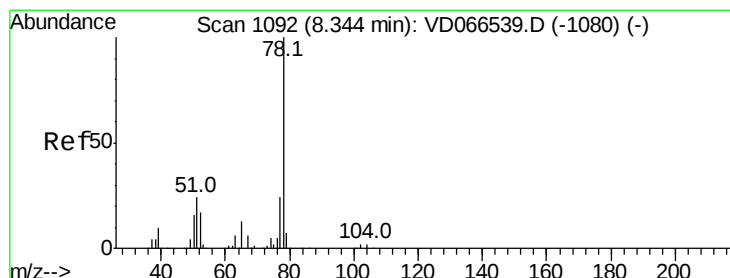
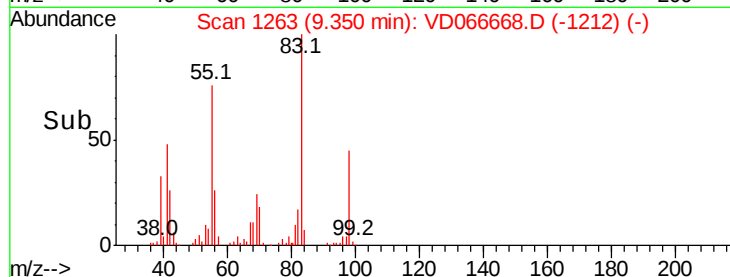
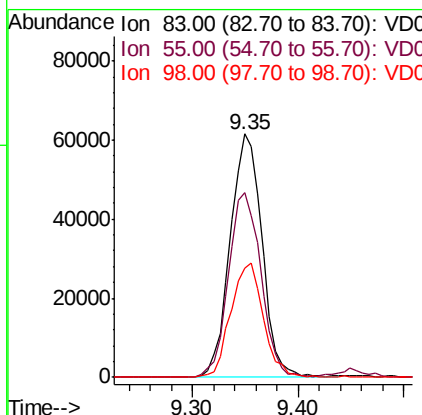
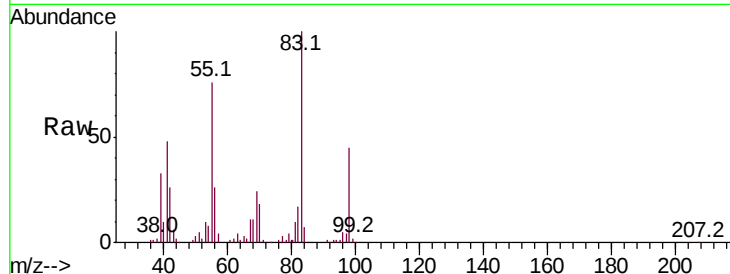




#39
Methvlcvclohexane
Concen: 20.334 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

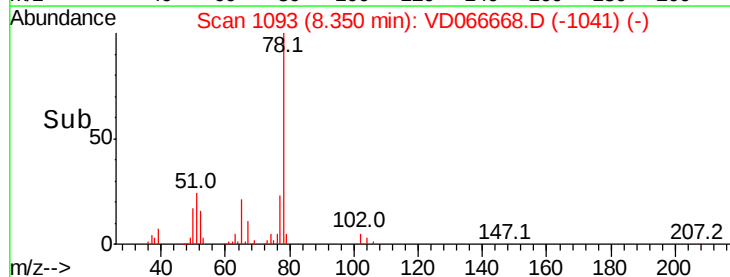
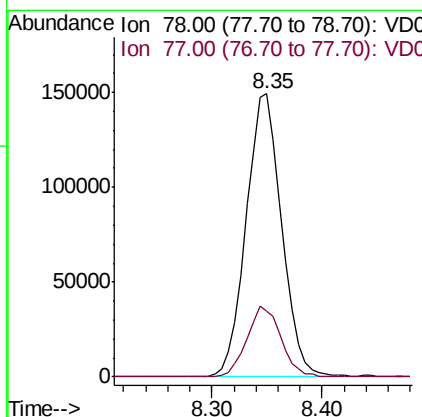
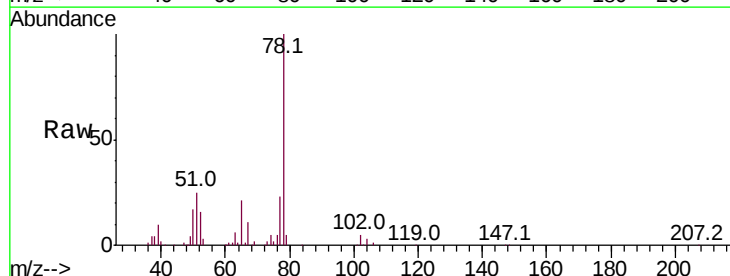
Instrument :
MSVOA_D
ClientSampleId :

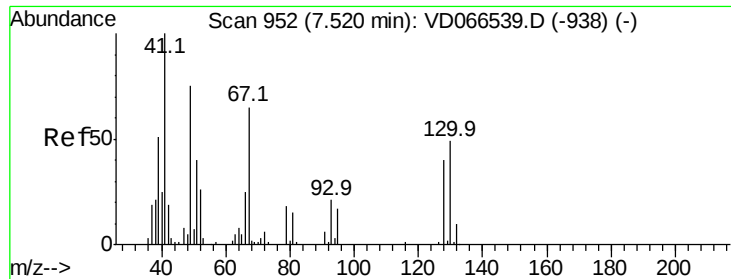
Tot Ion	83	Resp	128545
Ion Ratio	Lower	Upper	
83	100		
55	75.8	60.8	91.2
98	44.8	38.6	58.0



#40
Benzene
Concen: 21.752 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Tgt Ion	78	Resp	337271
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.1	28.7





#41

Methacrylonitrile

Concen: 26.089 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampleID :

Tot Ion: 41 Resp: 28469

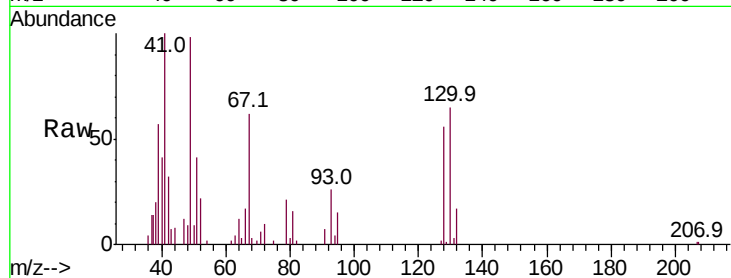
Ion Ratio Lower Upper

41 100

39 68.0 53.6 80.4

67 66.2 59.2 88.8

52 32.3 26.8 40.2



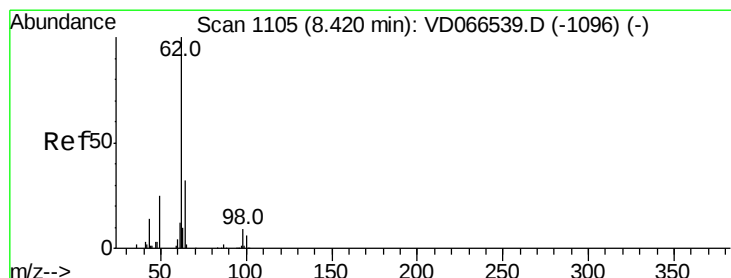
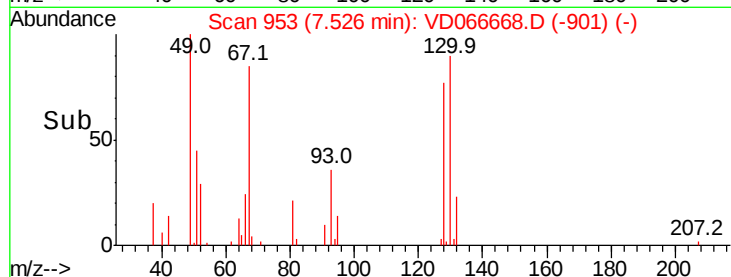
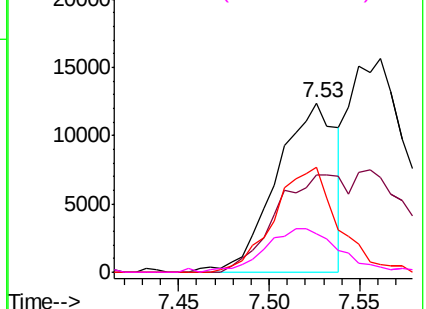
Abundance

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.273 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066668.D

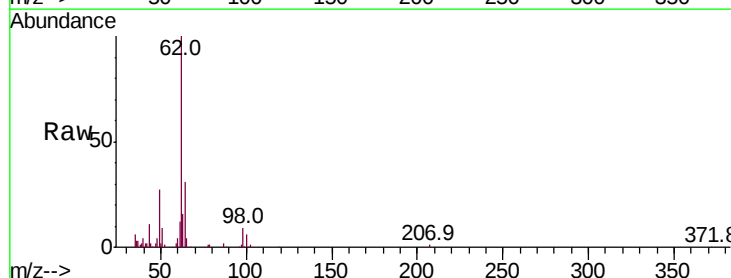
Acq: 12 Sep 2020 02:02

Tgt Ion: 62 Resp: 106870

Ion Ratio Lower Upper

62 100

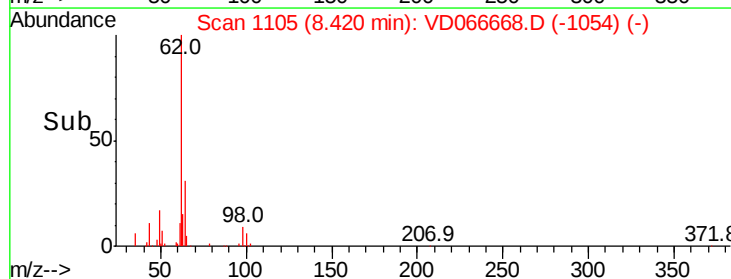
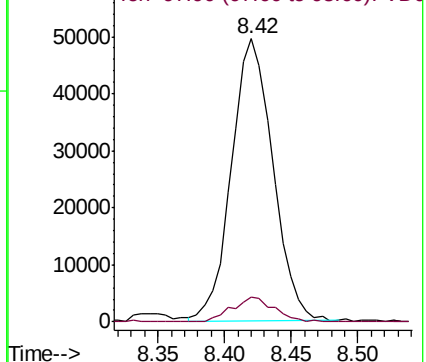
98 8.9 0.0 17.6

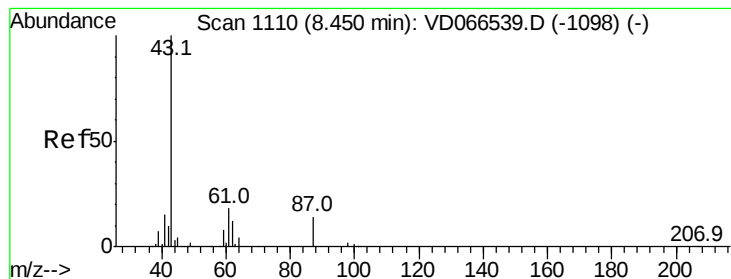


Abundance

Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 20.810 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampled :

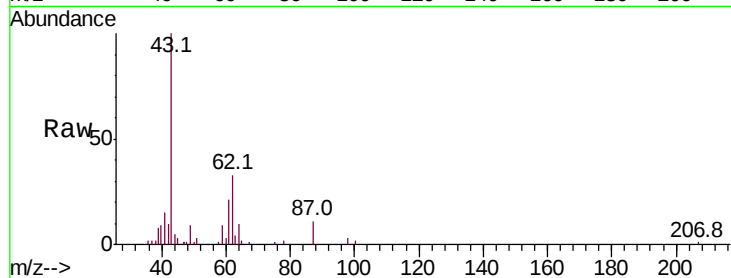
Tot Ion: 43 Resp: 89899

Ion Ratio Lower Upper

43 100

61 31.2 23.8 35.8

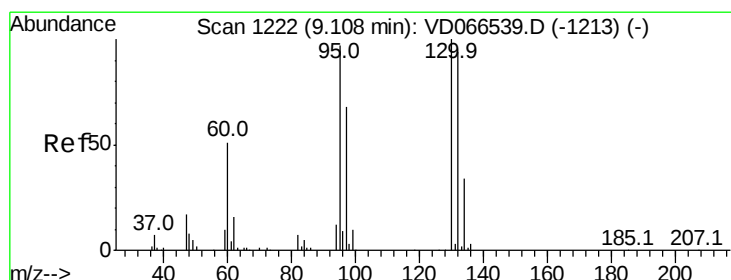
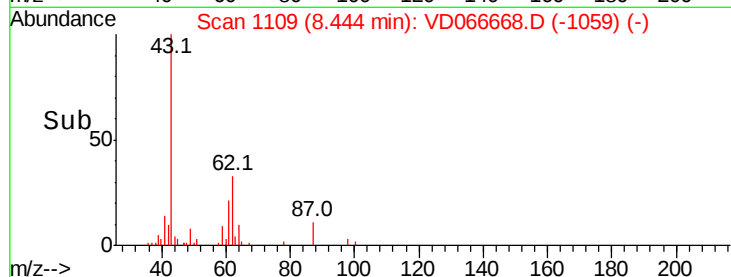
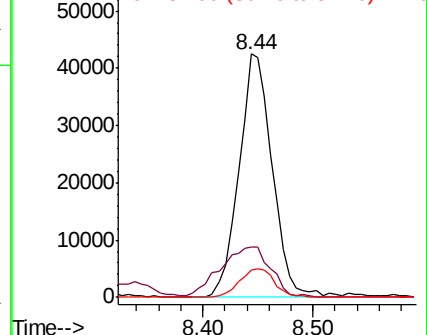
87 12.3 10.7 16.1



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: 22.044 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066668.D

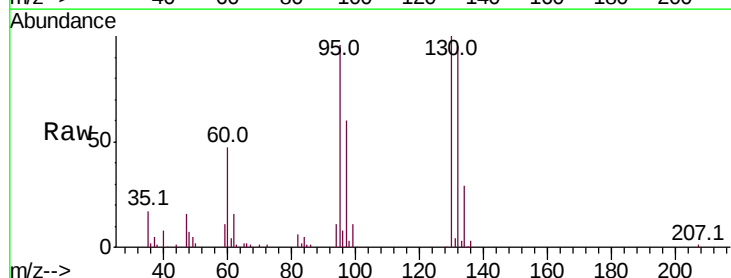
Acq: 12 Sep 2020 02:02

Tgt Ion: 130 Resp: 89656

Ion Ratio Lower Upper

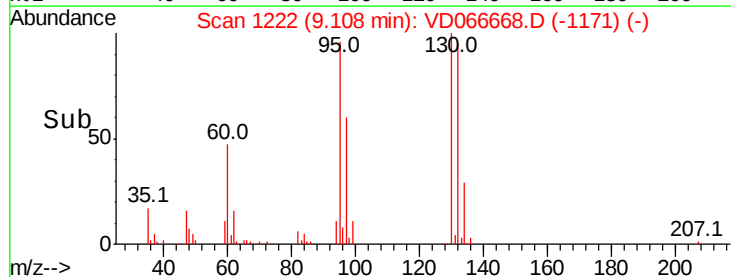
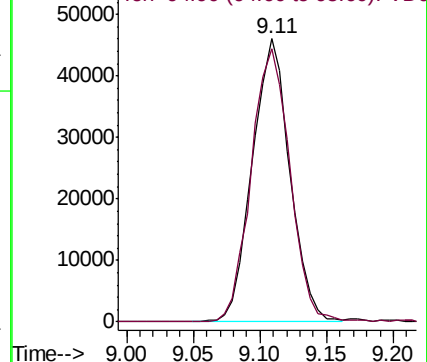
130 100

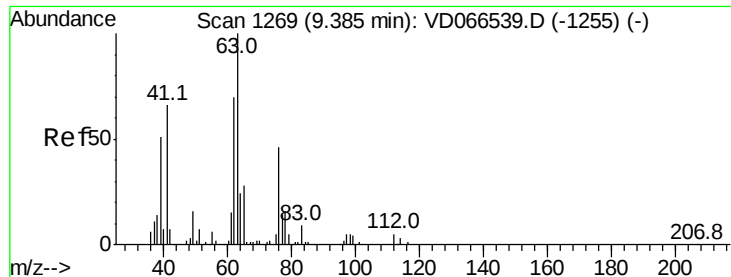
95 96.3 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 22.171 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

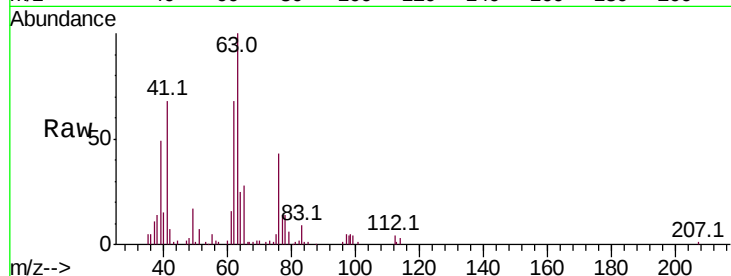
ClientSampleId :

Tot Ion: 63 Resp: 86447

Ion Ratio Lower Upper

63 100

65 28.2 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

40000

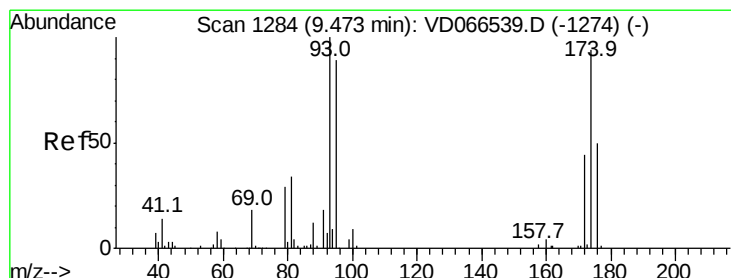
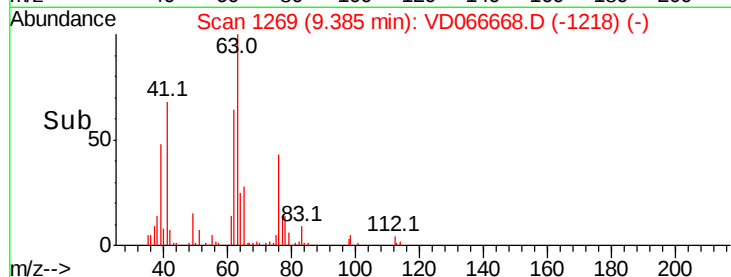
30000

20000

10000

0

Time--> 9.30 9.40 9.50



#46

Dibromomethane

Concen: 21.869 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

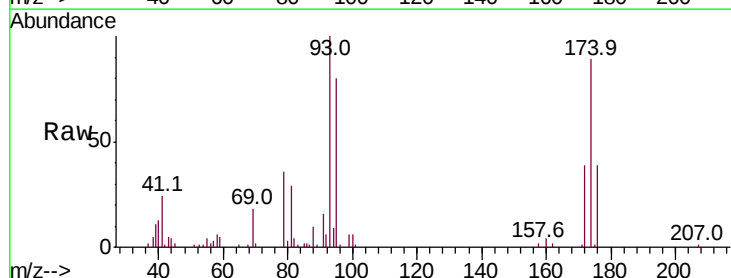
Tgt Ion: 93 Resp: 47045

Ion Ratio Lower Upper

93 100

95 80.7 68.7 103.1

174 91.4 70.0 105.0



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

30000

25000

20000

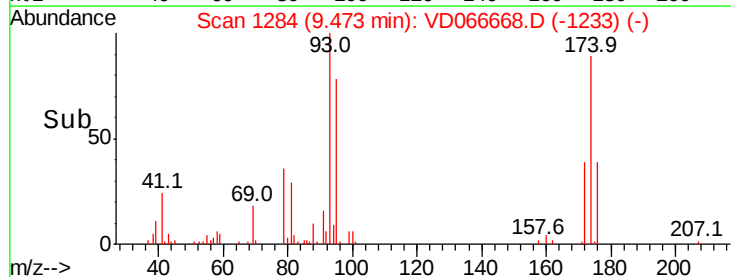
15000

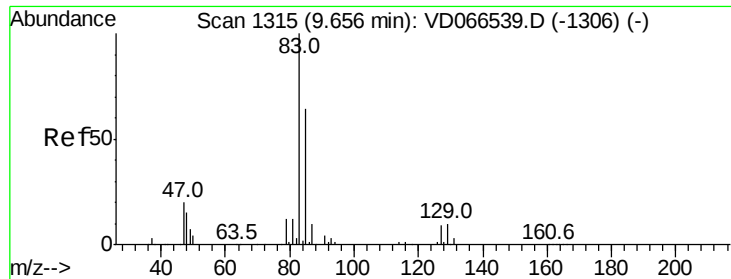
10000

5000

0

Time--> 9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 21.516 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampleId :

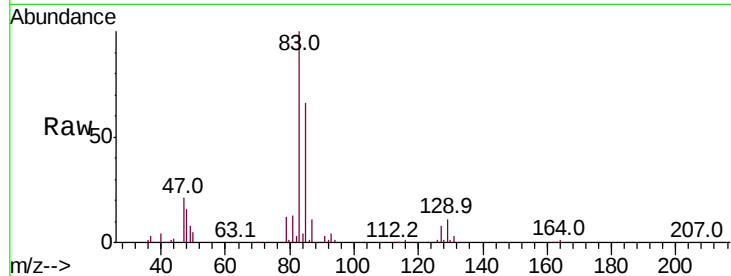
Tot Ion: 83 Resp: 125226

Ion Ratio Lower Upper

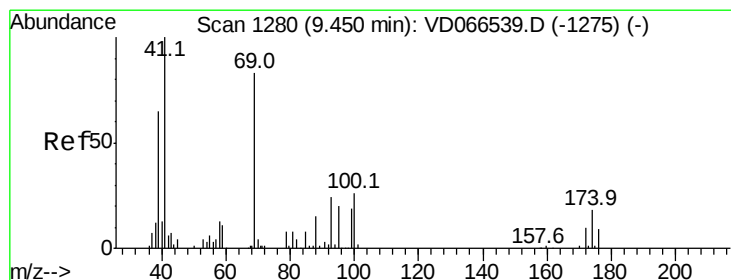
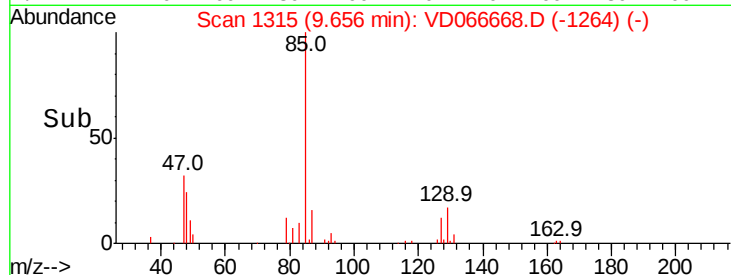
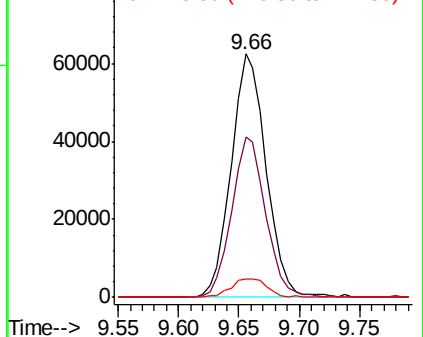
83 100

85 65.9 51.1 76.7

127 7.7 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: 20.110 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

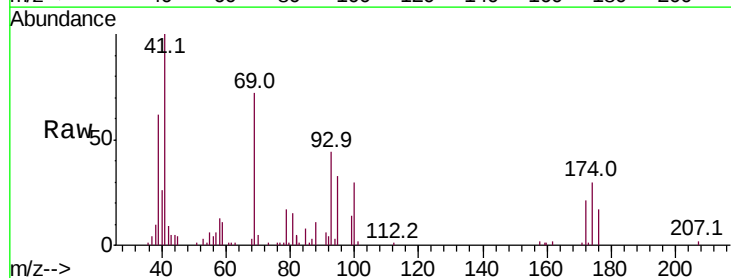
Tgt Ion: 41 Resp: 43930

Ion Ratio Lower Upper

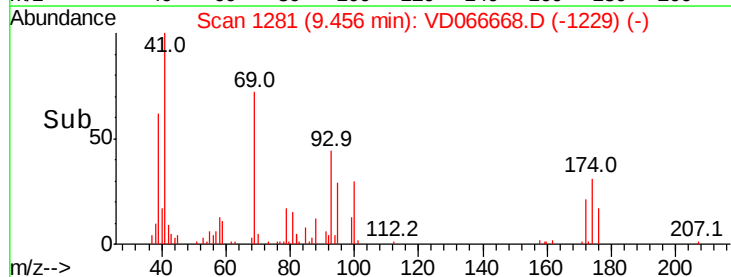
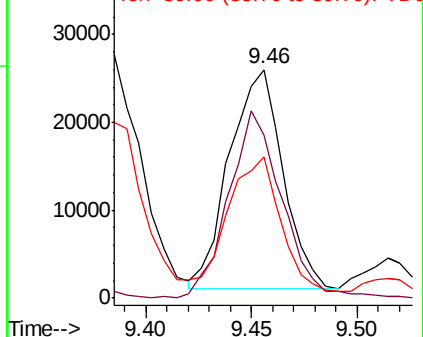
41 100

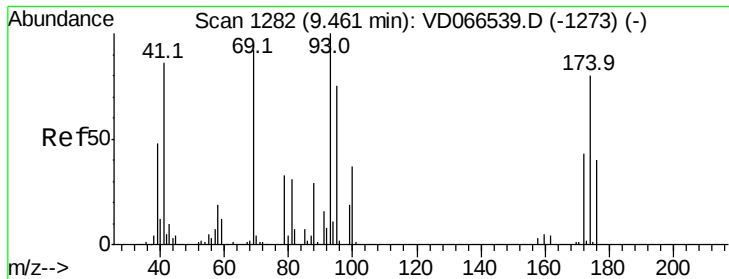
69 85.9 64.5 96.7

39 59.7 46.6 69.8



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





#49

1,4-Dioxane

Concen: 189.953 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :
MSVOA_D
ClientSampled :

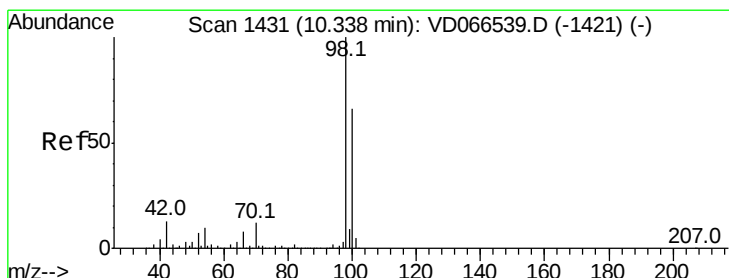
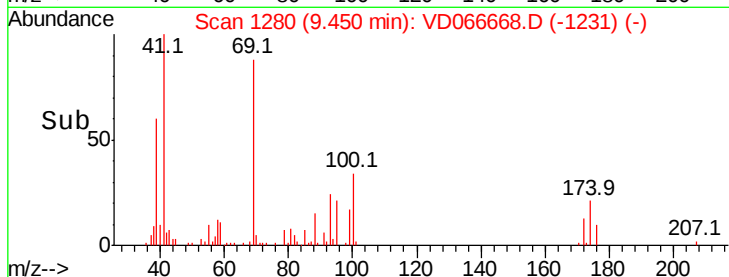
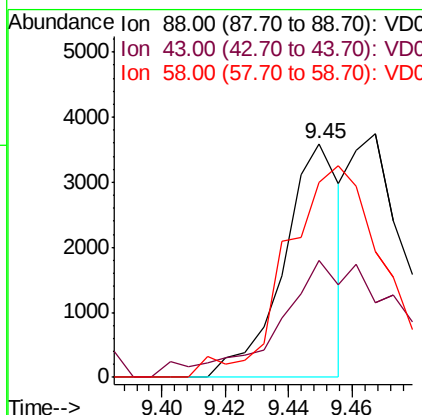
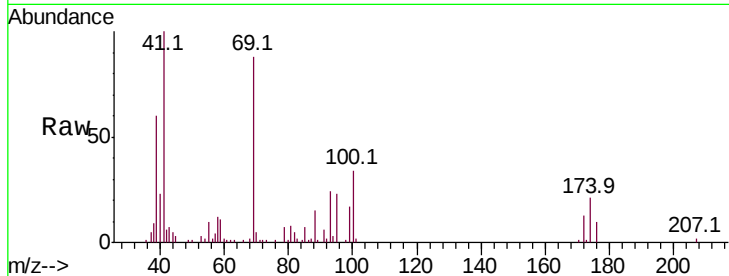
Tot Ion: 88 Resp: 4483

Ion Ratio Lower Upper

88 100

43 95.2 28.3 42.5#

58 159.3 56.1 84.1#



#50

Toluene-d8

Concen: 58.061 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066668.D

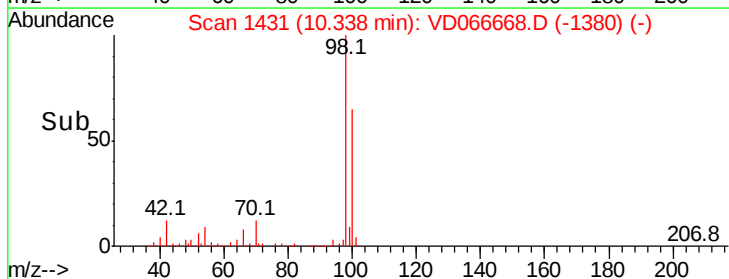
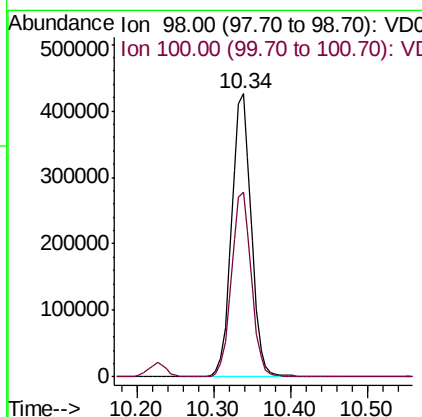
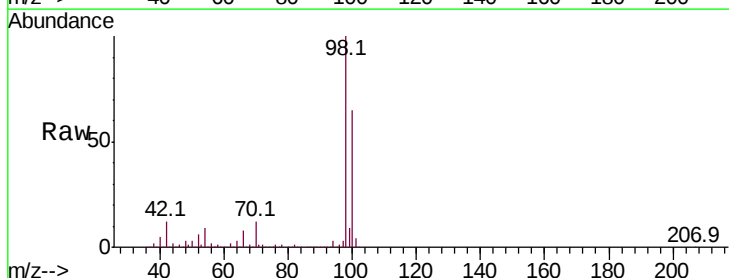
Acq: 12 Sep 2020 02:02

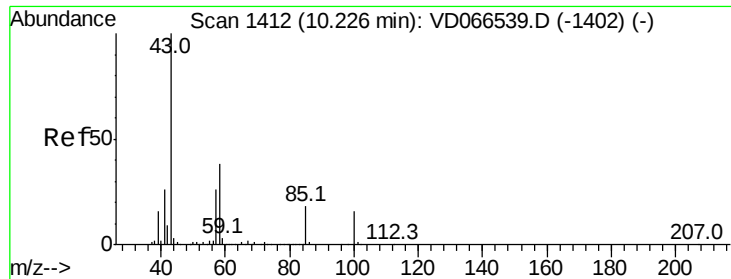
Tgt Ion: 98 Resp: 761541

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 106.939 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

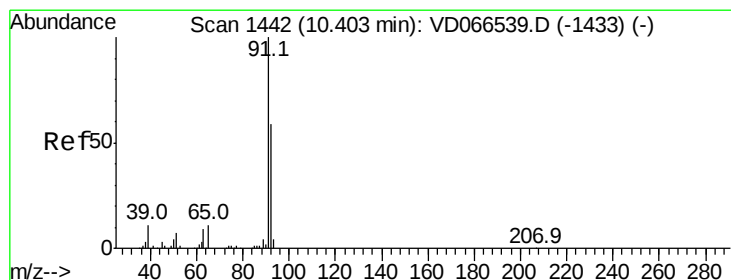
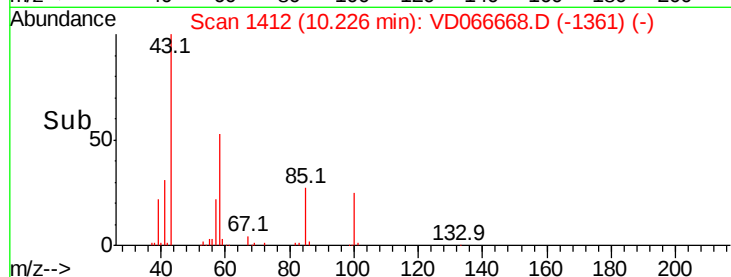
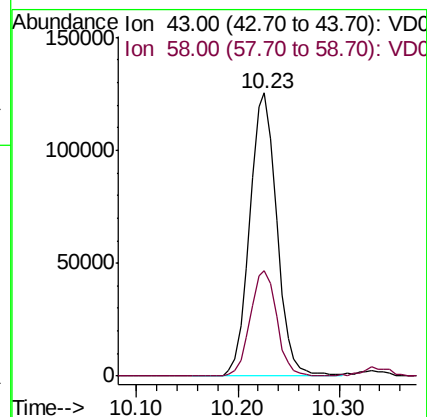
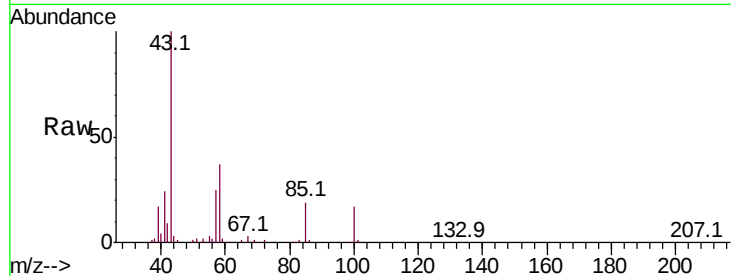
ClientSampled :

Tot Ion: 43 Resp: 232993

Ion Ratio Lower Upper

43 100

58 36.4 30.5 45.7



#52

Toluene

Concen: 22.482 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066668.D

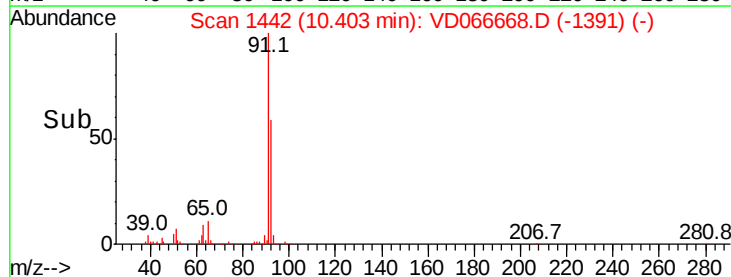
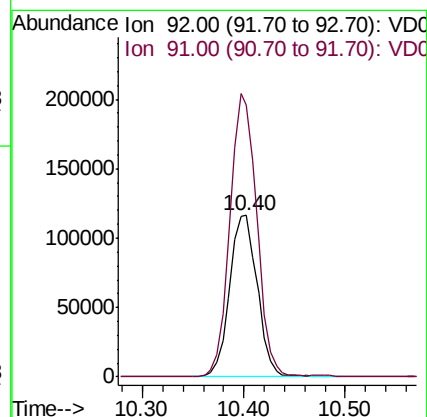
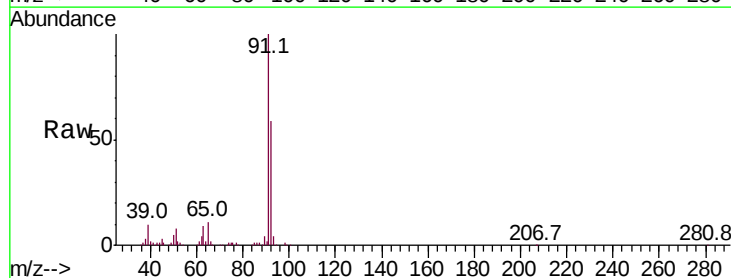
Acq: 12 Sep 2020 02:02

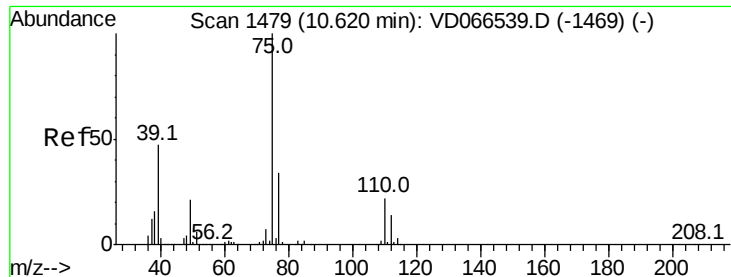
Tgt Ion: 92 Resp: 220655

Ion Ratio Lower Upper

92 100

91 169.8 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 21.282 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

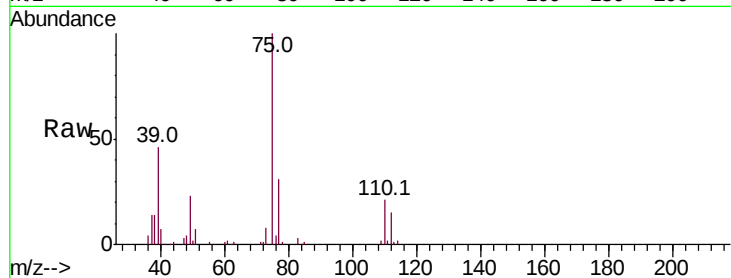
ClientSampleId :

Tot Ion: 75 Resp: 109346

Ion Ratio Lower Upper

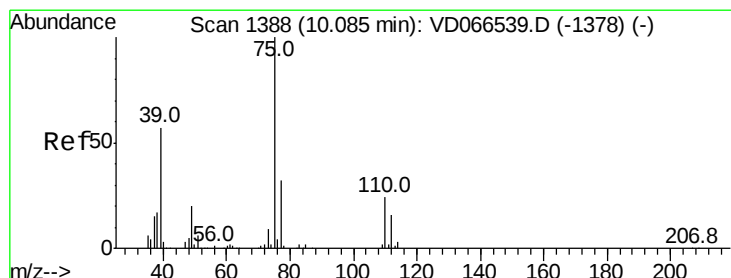
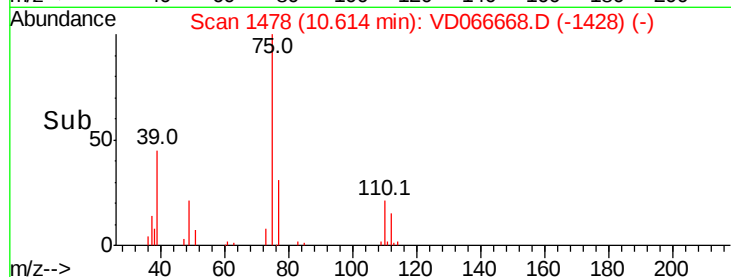
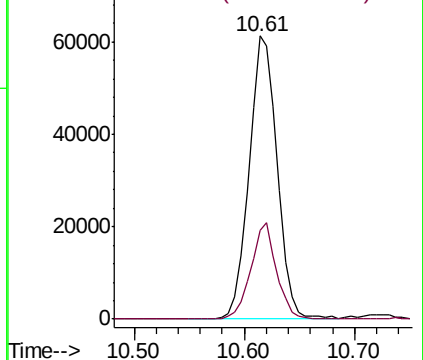
75 100

77 31.3 27.4 41.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 21.182 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

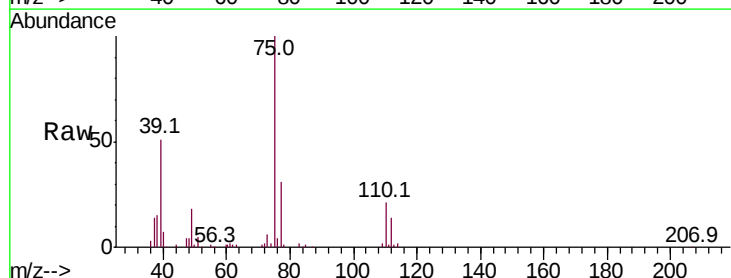
Tgt Ion: 75 Resp: 130691

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

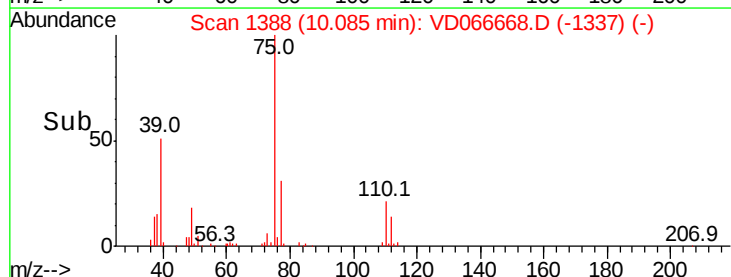
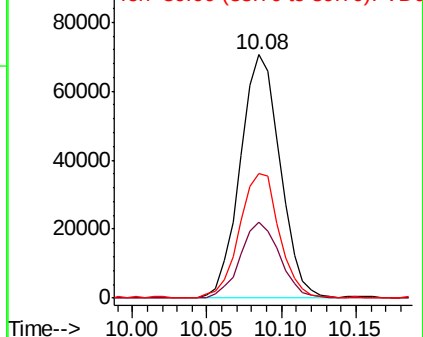
39 51.2 45.4 68.0

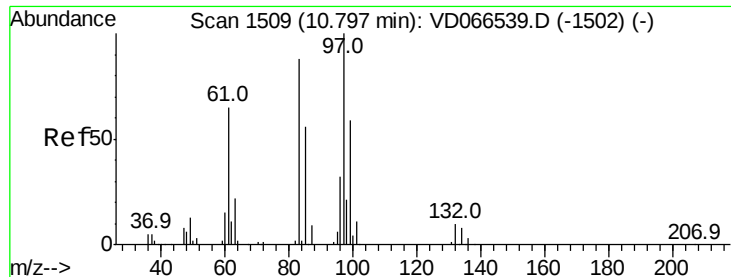


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 22.272 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 97 Resp: 61604

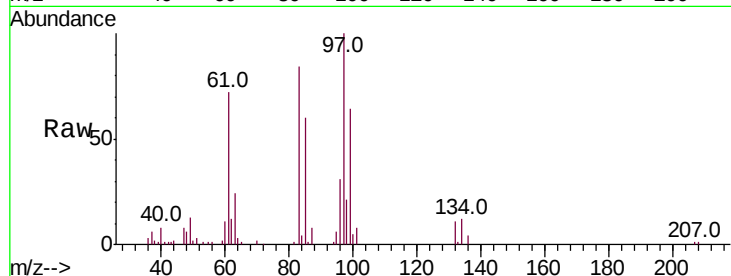
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.1	105.1
85	59.7	44.5	66.7
99	63.5	47.1	70.7

97 100

83 84.1 70.1 105.1

85 59.7 44.5 66.7

99 63.5 47.1 70.7



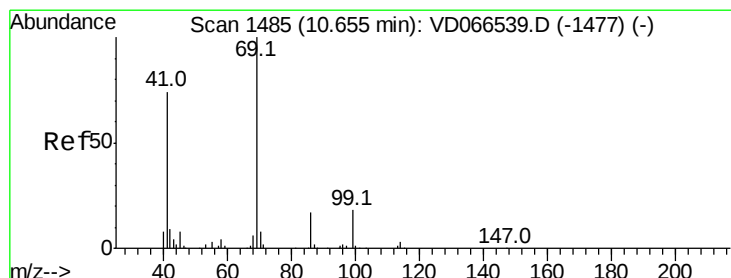
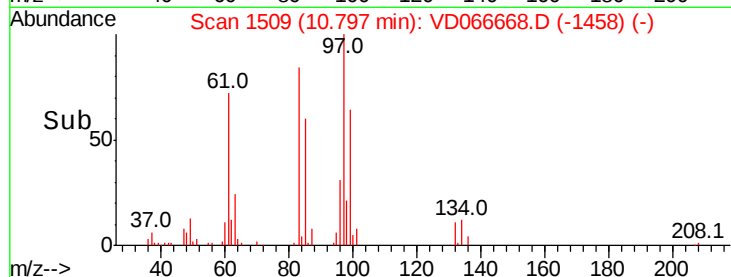
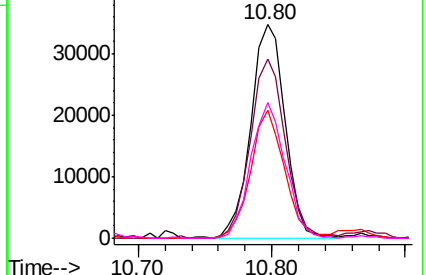
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 20.627 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

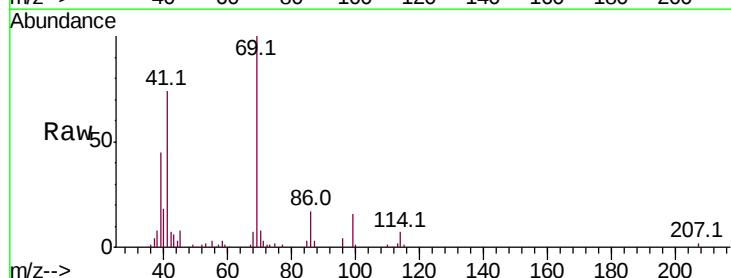
Tgt Ion: 69 Resp: 66429

Ion	Ratio	Lower	Upper
69	100		
41	75.9	56.8	85.2
39	37.7	30.6	46.0

69 100

41 75.9 56.8 85.2

39 37.7 30.6 46.0

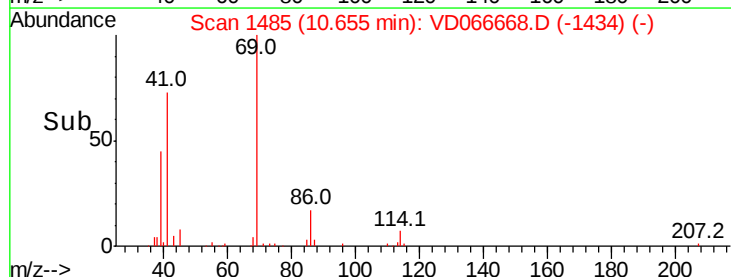
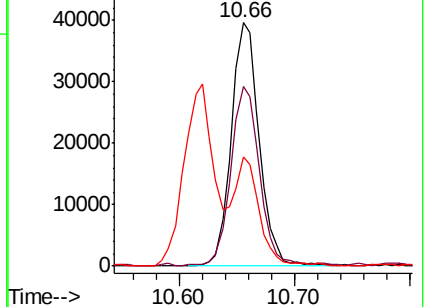


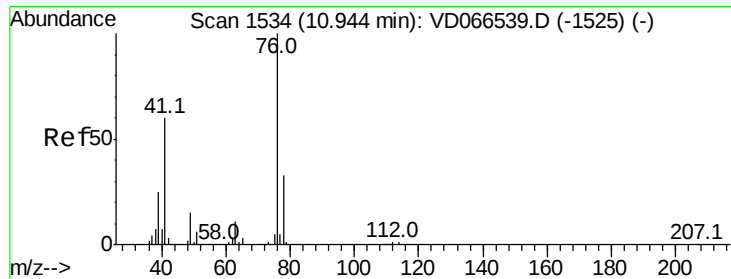
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.671 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

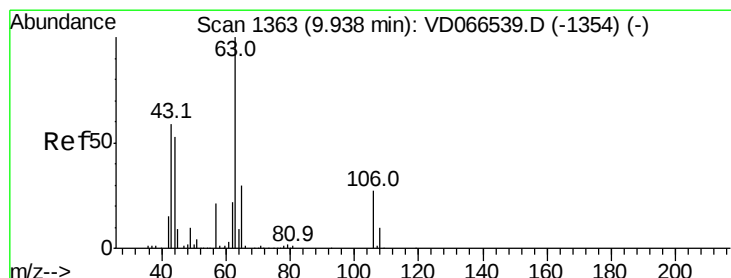
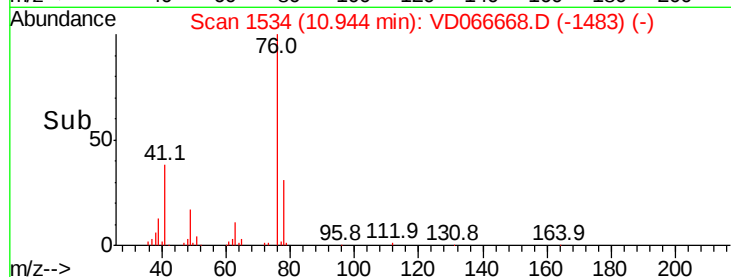
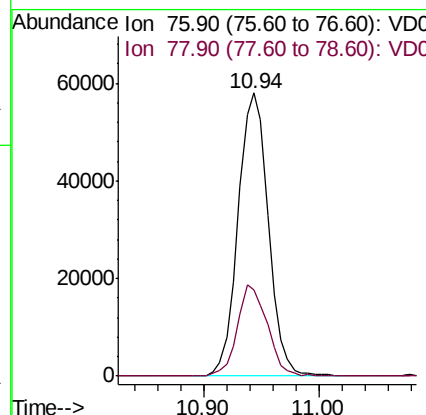
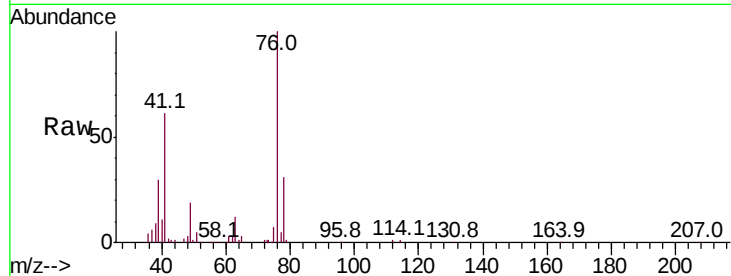
Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 76 Resp: 104990

Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 121.107 ug/l

RT: 9.94 min Scan# 1363

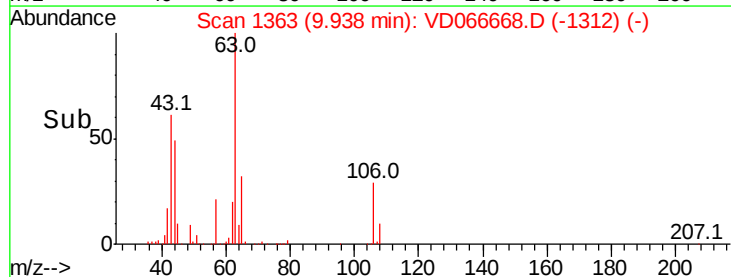
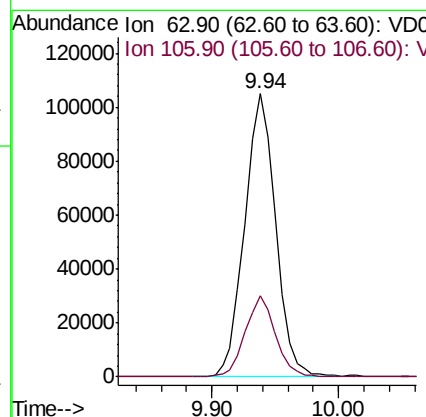
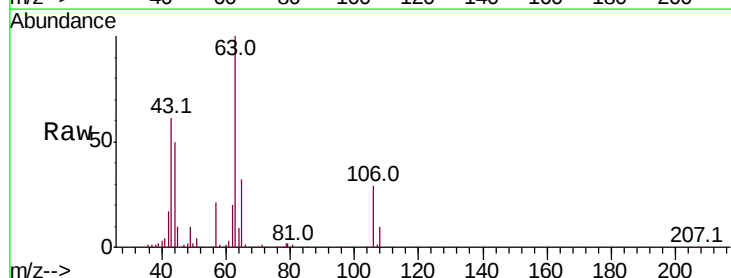
Delta R.T. 0.00 min

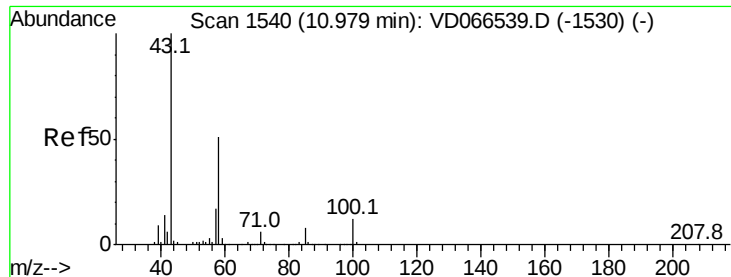
Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Tgt Ion: 63 Resp: 178395

Ion	Ratio	Lower	Upper
63	100		
106	27.8	22.0	33.0

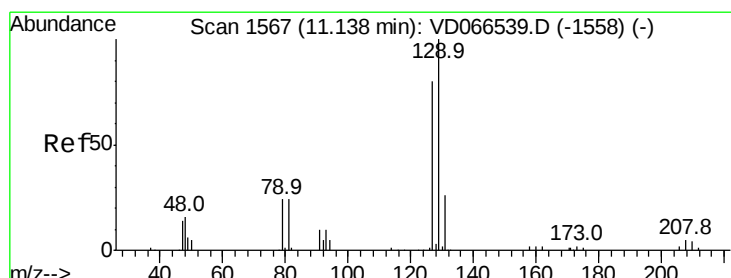
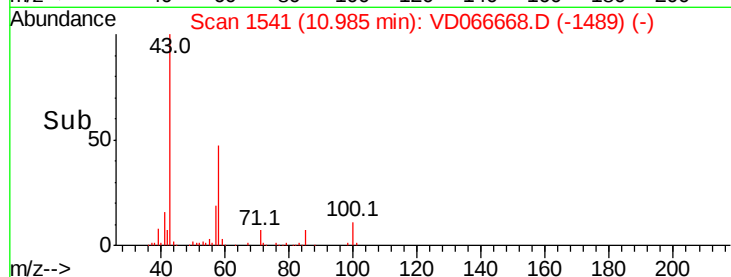
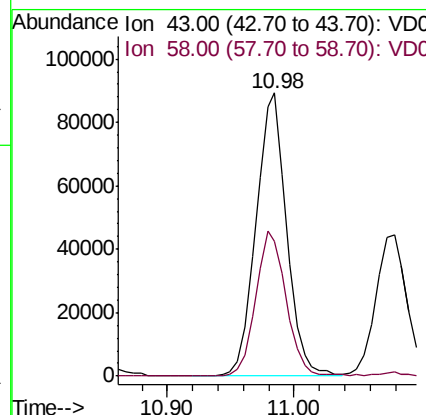
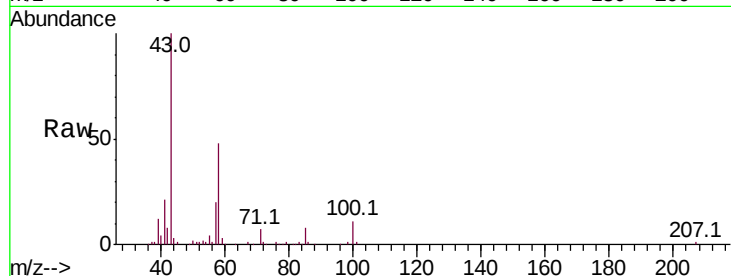




#59
2-Hexanone
Concen: 102.652 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

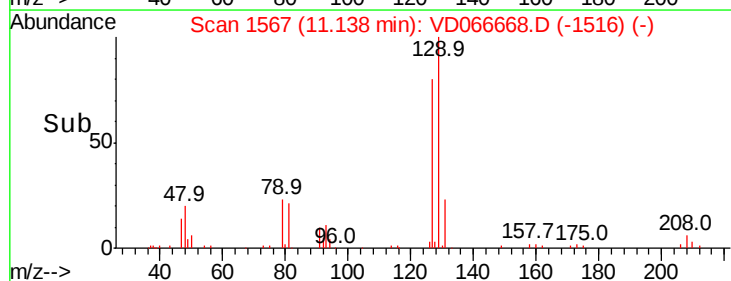
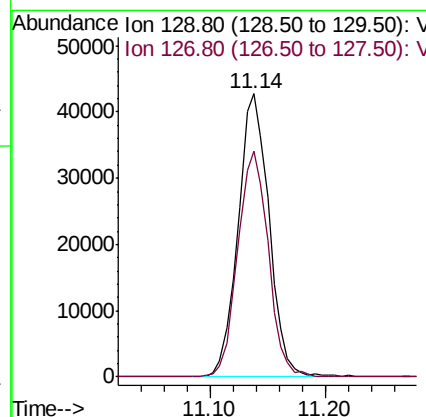
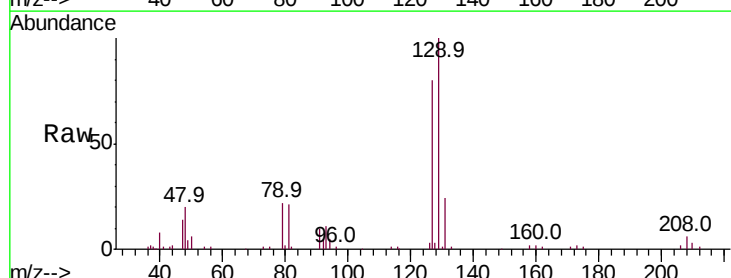
Instrument :
MSVOA_D
ClientSampleId :

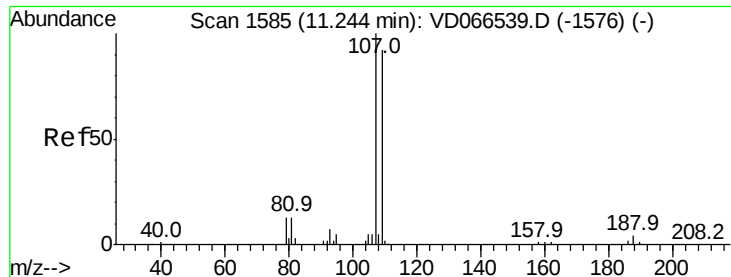
Tot Ion: 43 Resp: 150401
Ion Ratio Lower Upper
43 100
58 51.3 25.6 76.8



#60
Dibromochloromethane
Concen: 21.711 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Tgt Ion: 129 Resp: 79410
Ion Ratio Lower Upper
129 100
127 78.6 39.5 118.3

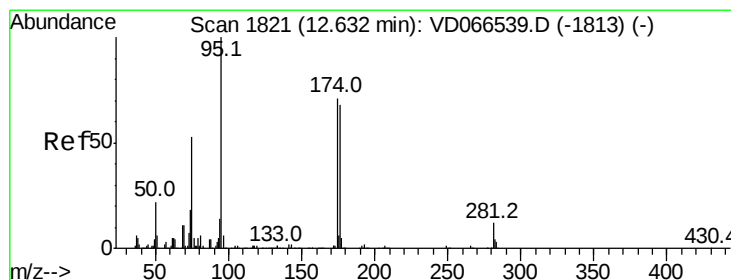
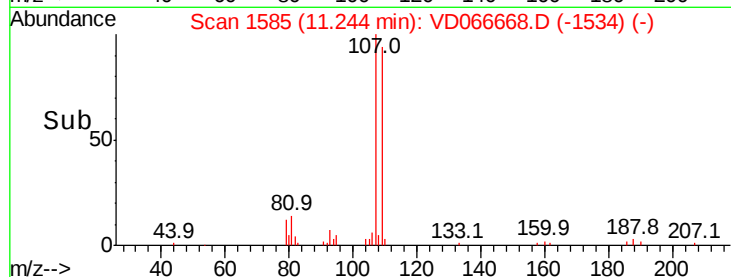
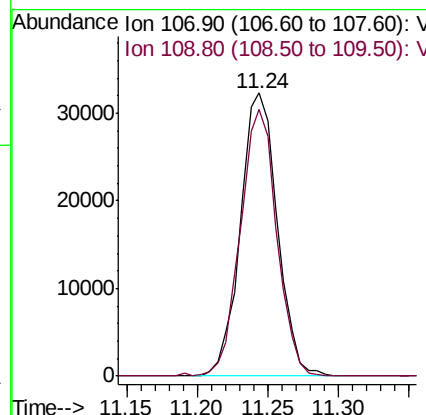
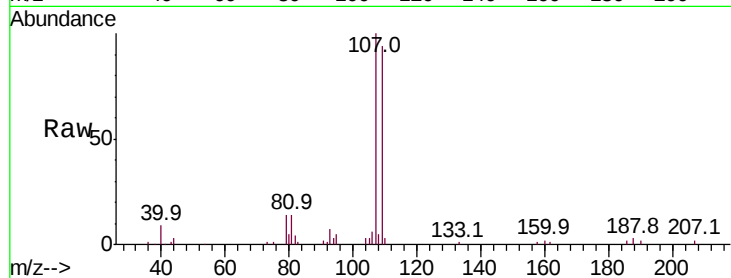




#61
 1,2-Dibromoethane
 Concen: 21.960 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 12 Sep 2020 02:02

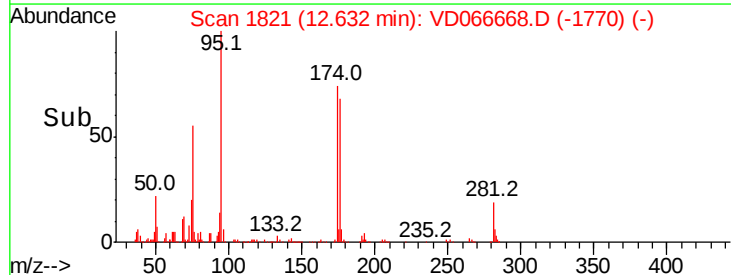
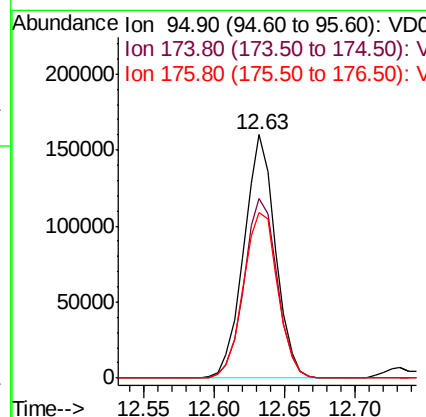
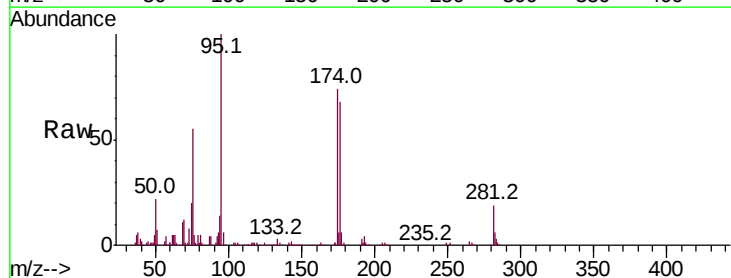
Instrument :
 MSVOA_D
 ClientSampleId :

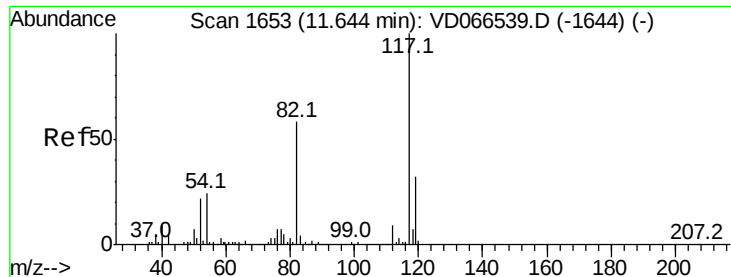
Tot Ion:107 Resp: 59092
 Ion Ratio Lower Upper
 107 100
 109 92.8 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 57.674 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 12 Sep 2020 02:02

Tgt Ion: 95 Resp: 250837
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 155.8
 176 74.1 0.0 148.6

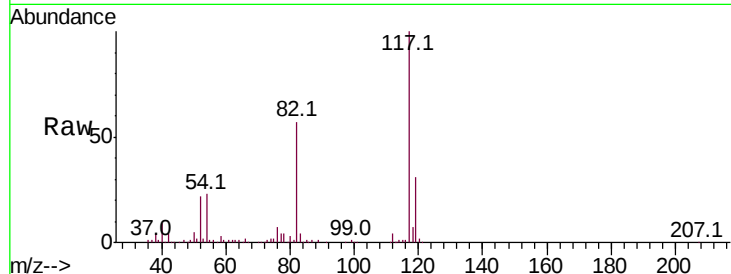




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.2	69.2
119	31.4	25.8	38.8

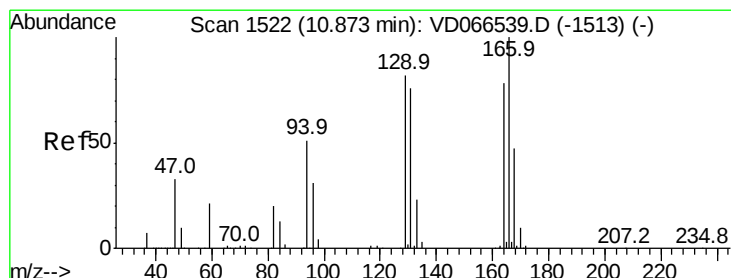
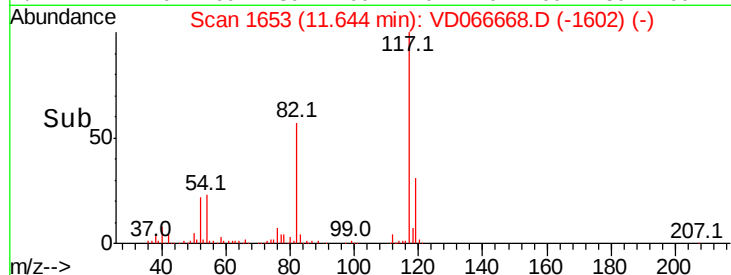
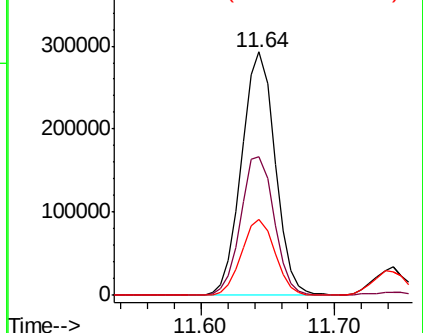


Abundance

Ion 116.90 (116.60 to 117.60): V

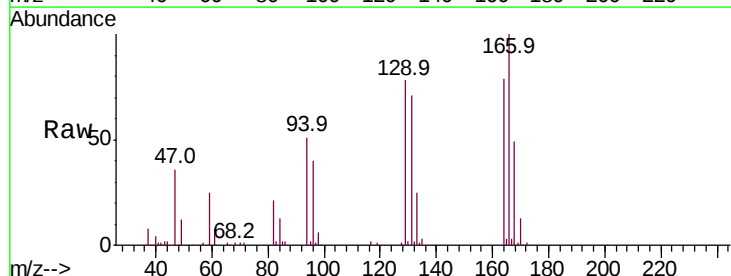
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 23.528 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	103.2	154.8
129	99.6	84.5	126.7
131	90.3	78.9	118.3



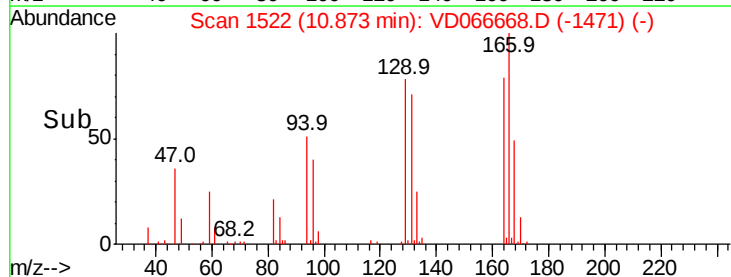
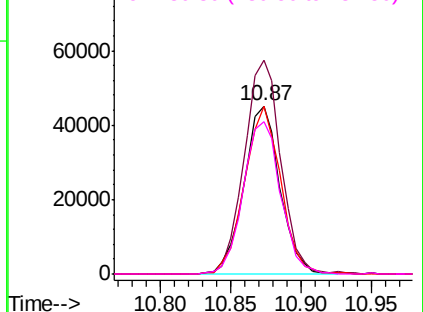
Abundance

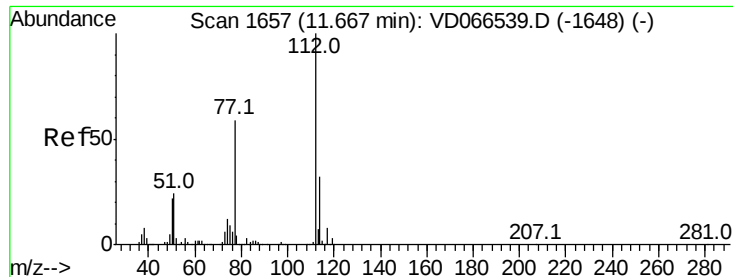
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

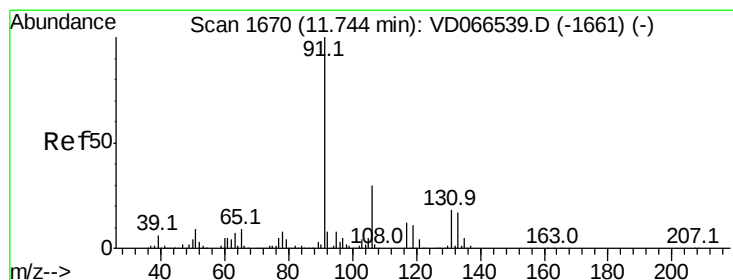
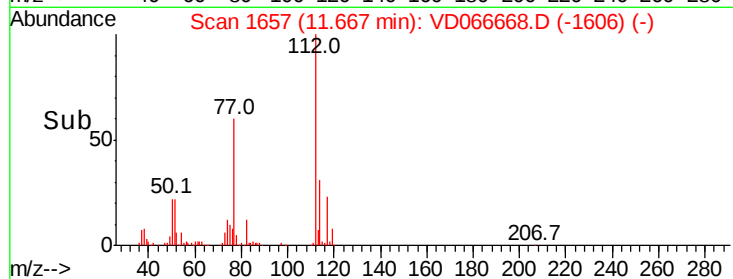
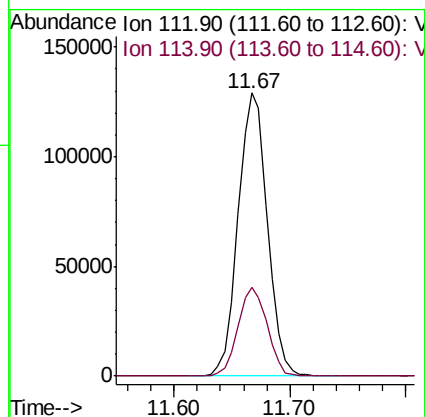
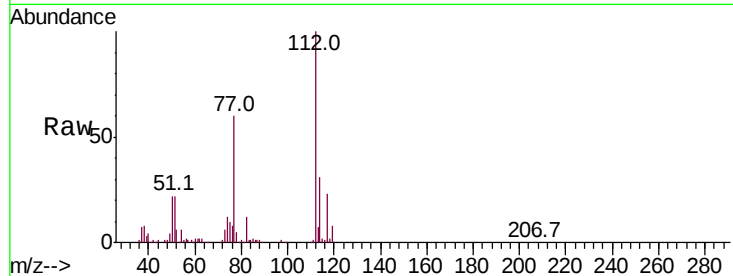




#65
Chlorobenzene
Concen: 21.476 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

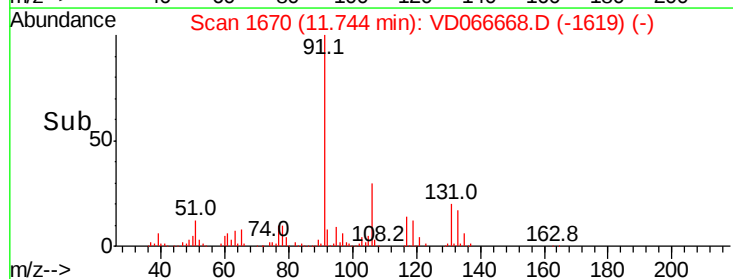
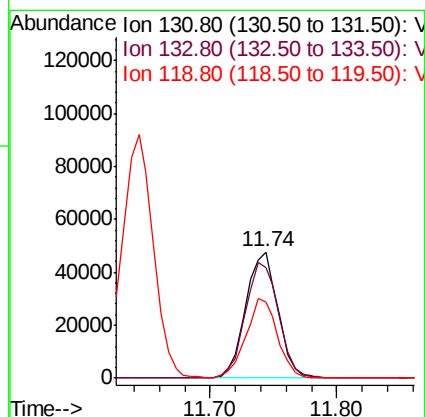
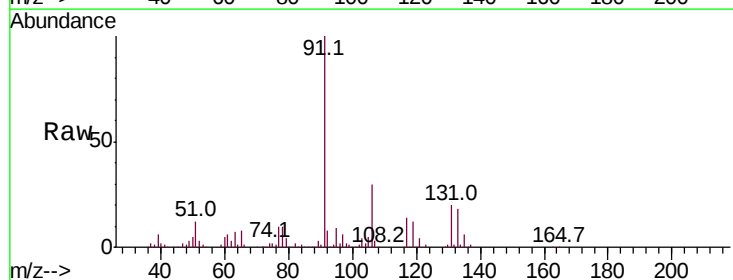
Instrument :
MSVOA_D
ClientSampleId :

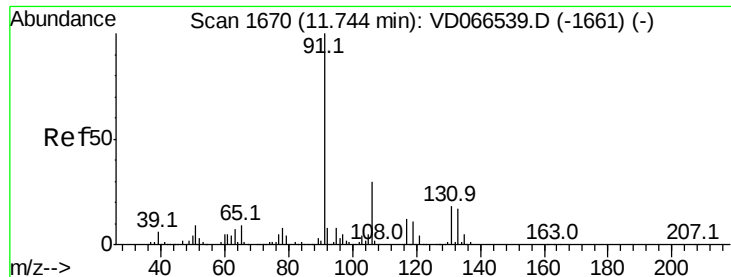
Tot Ion:112 Resp: 225686
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.995 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Tgt Ion:131 Resp: 84204
Ion Ratio Lower Upper
131 100
133 94.9 46.7 140.0
119 62.2 31.9 95.7

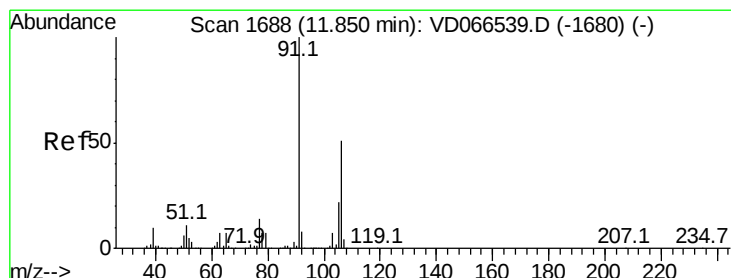
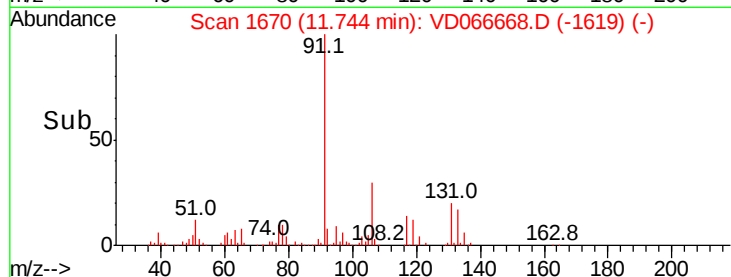
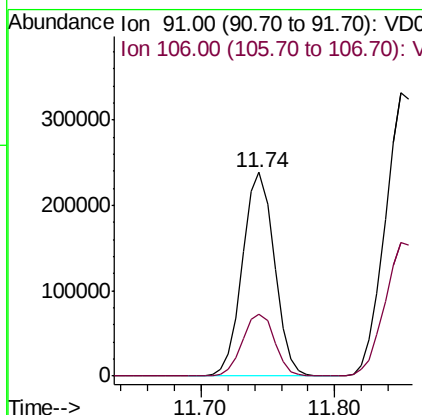
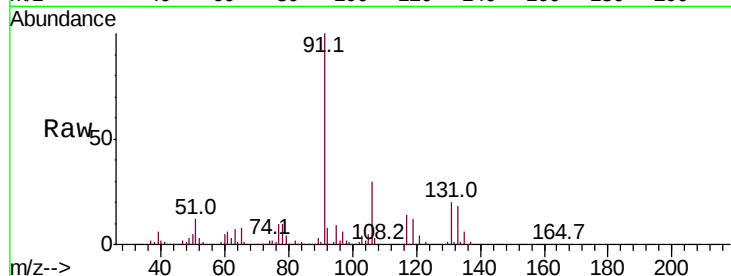




#67
Ethyl Benzene
Concen: 20.523 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

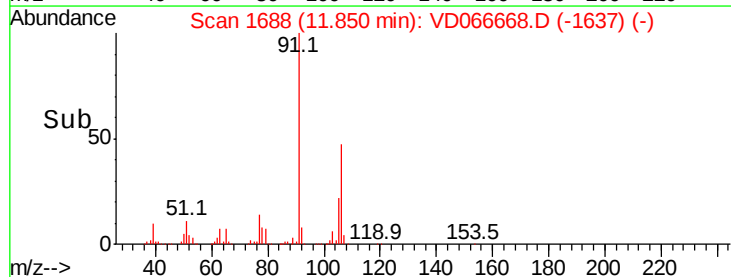
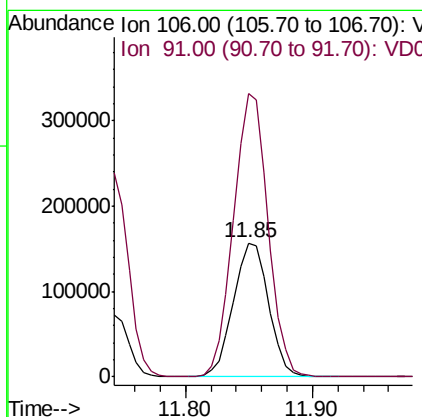
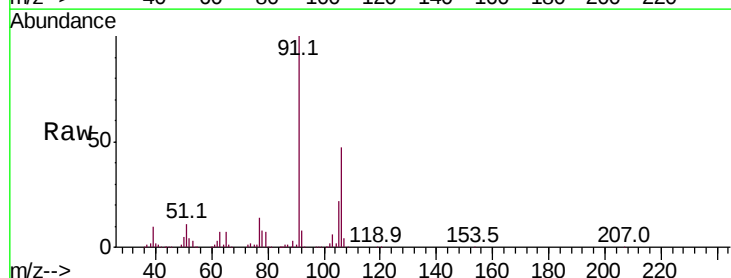
Instrument :
MSVOA_D
ClientSampled :

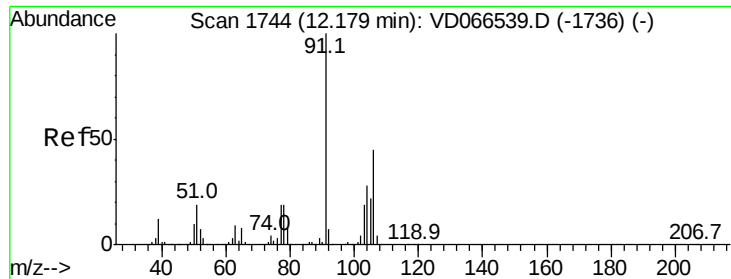
Tot Ion: 91 Resp: 396007
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 42.185 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Tgt Ion: 106 Resp: 302238
Ion Ratio Lower Upper
106 100
91 207.0 162.4 243.6

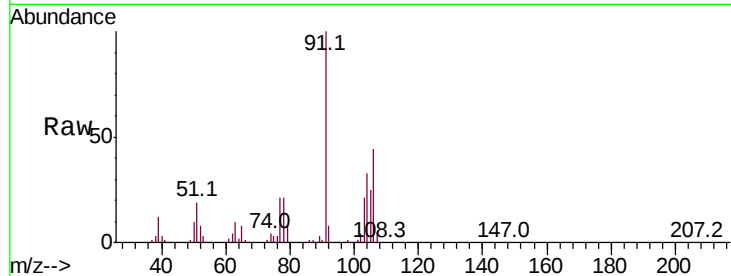




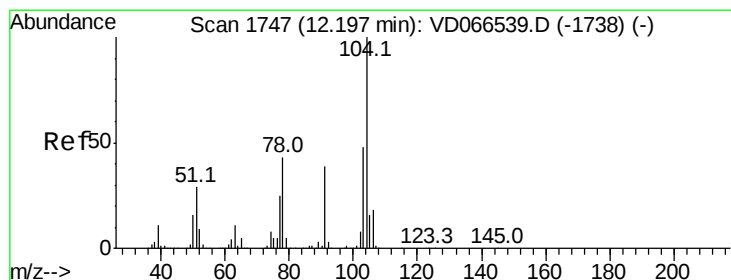
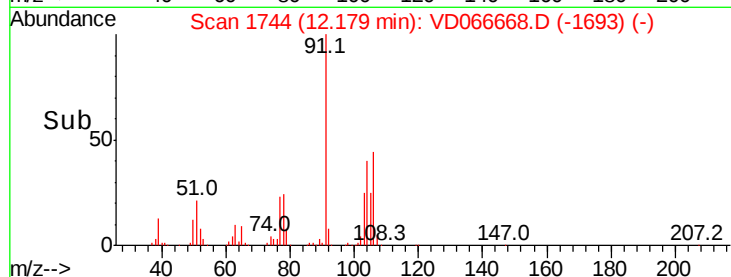
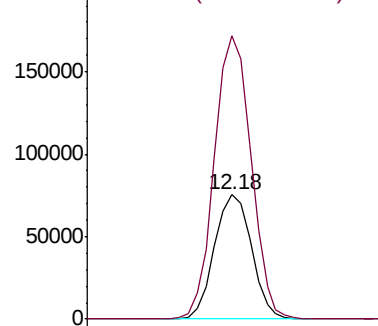
#69
o-Xylene
Concen: 20.240 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 129956
Ion Ratio Lower Upper
106 100
91 226.1 107.9 323.8

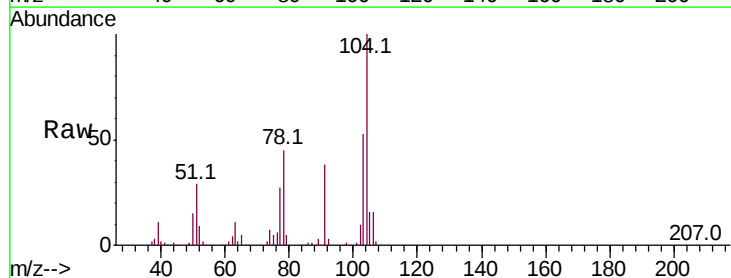


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

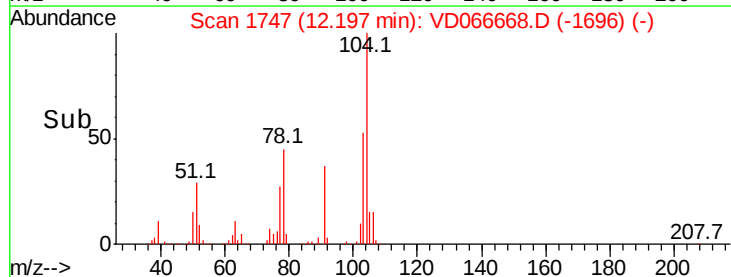
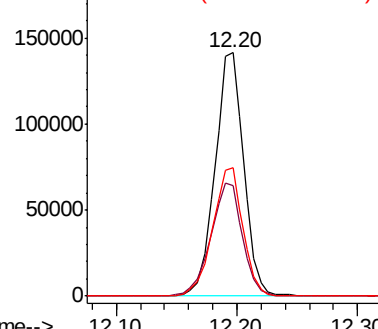


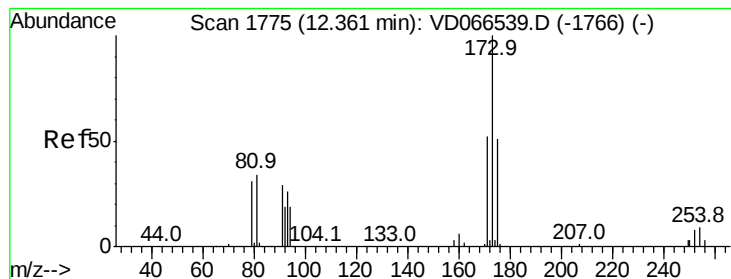
#70
Styrene
Concen: 21.034 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Tgt Ion:104 Resp: 234800
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 55.4 42.9 64.3



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





#71

Bromoform

Concen: 21.709 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampleId :

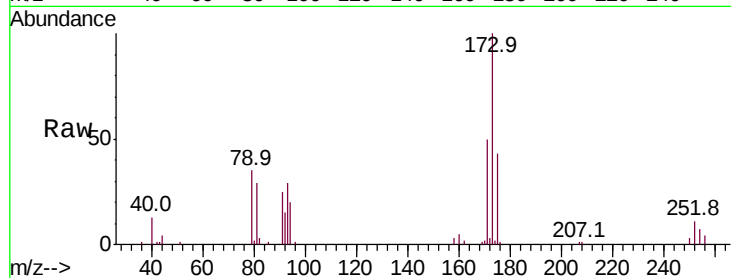
Tot Ion:173 Resp: 43879

Ion Ratio Lower Upper

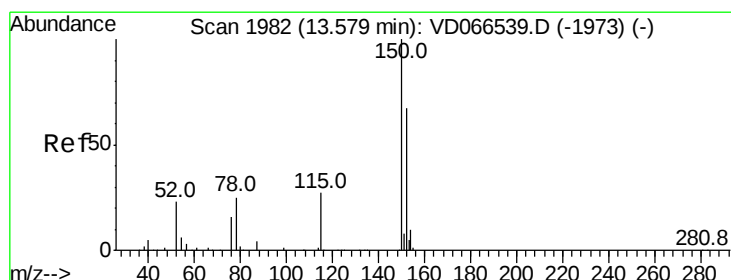
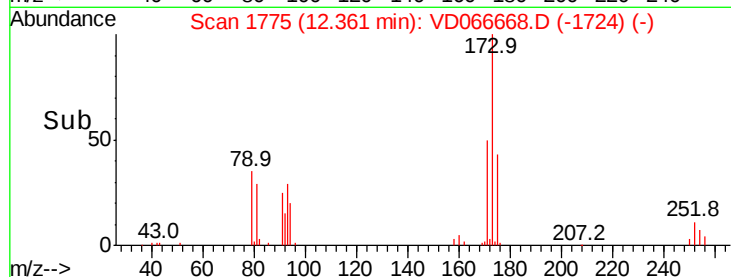
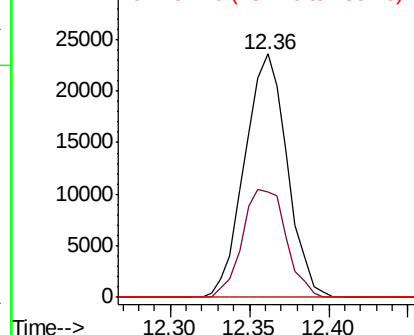
173 100

175 45.8 24.2 72.6

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

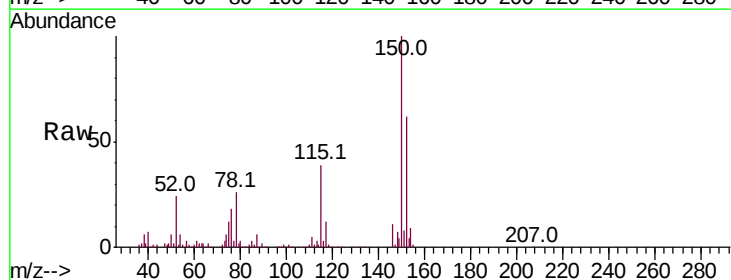
Tgt Ion:152 Resp: 229691

Ion Ratio Lower Upper

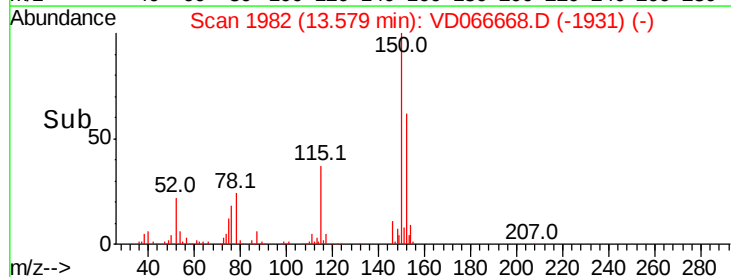
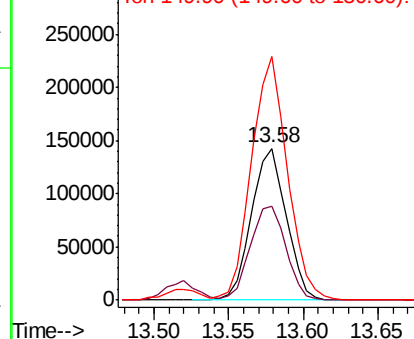
152 100

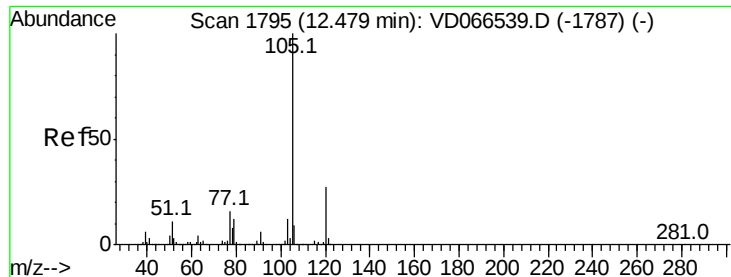
115 63.3 30.4 91.2

150 165.8 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: 21.594 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

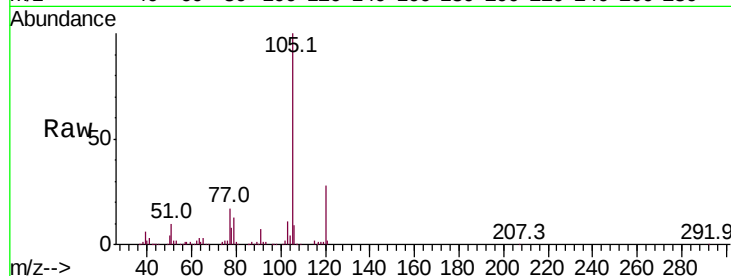
ClientSampled :

Tot Ion:105 Resp: 367234

Ion Ratio Lower Upper

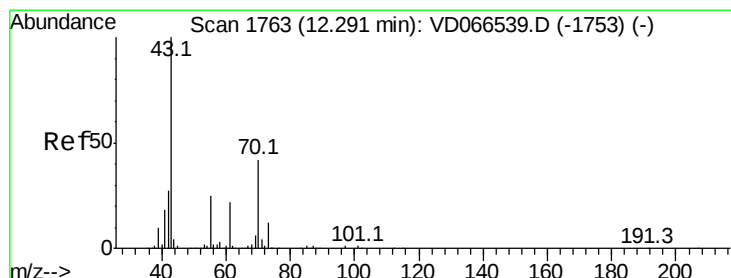
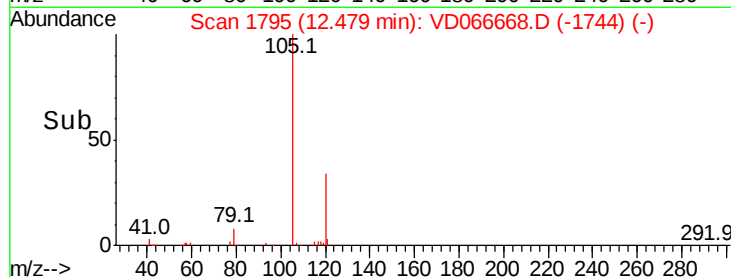
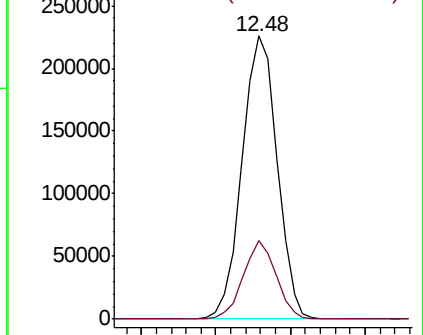
105 100

120 25.9 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: 20.532 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Tgt Ion: 43 Resp: 79084

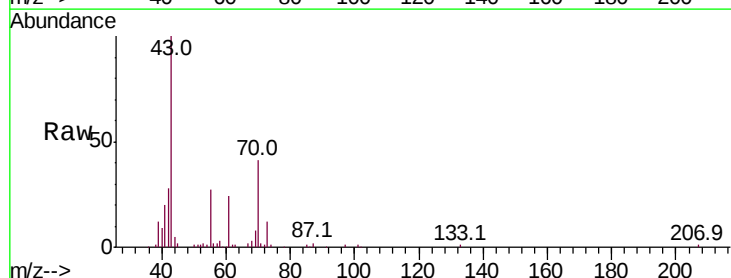
Ion Ratio Lower Upper

43 100

70 39.4 33.4 50.2

55 26.2 20.1 30.1

61 23.3 18.2 27.2

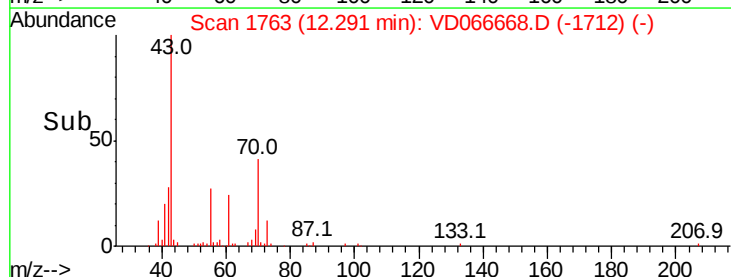
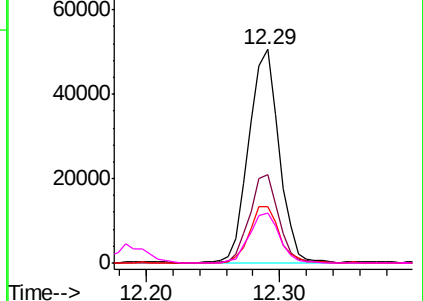


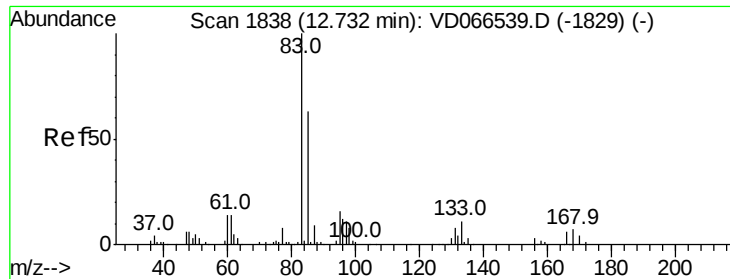
Abundance Ion 43.00 (42.70 to 43.70): VDC

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: 22.190 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampled :

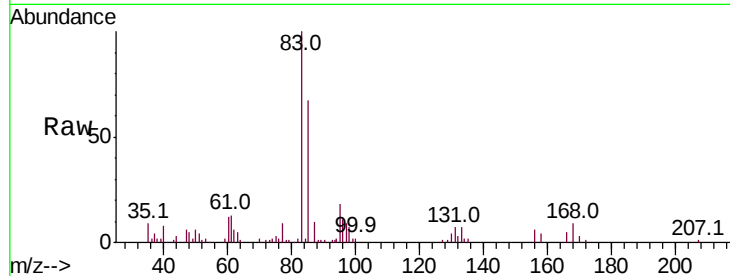
Tot Ion: 83 Resp: 66669

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

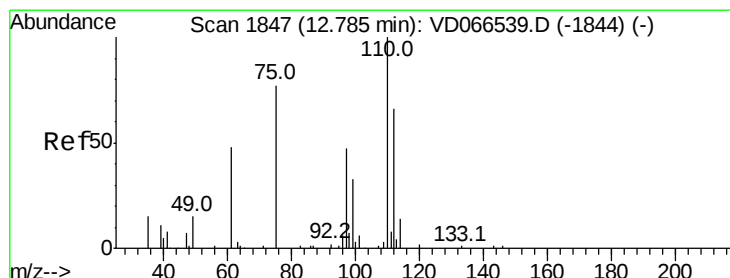
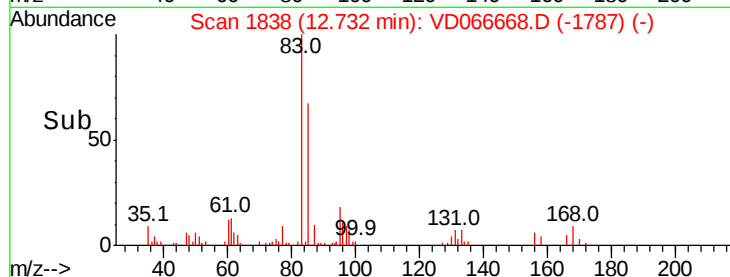
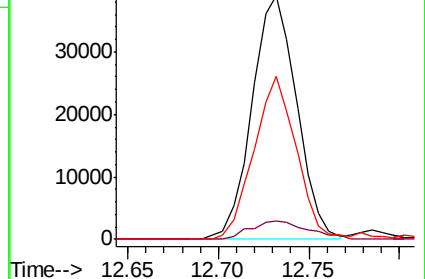
85 63.9 32.1 96.3



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: 39.673 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066668.D

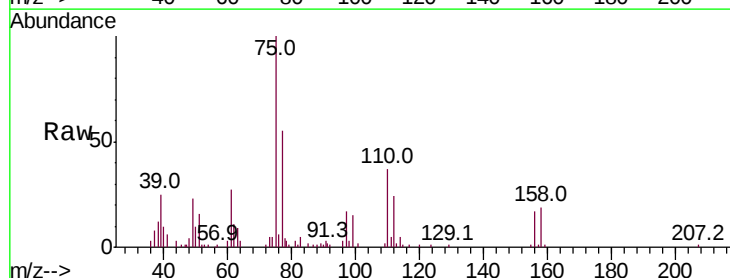
Acq: 12 Sep 2020 02:02

Tgt Ion: 75 Resp: 87638

Ion Ratio Lower Upper

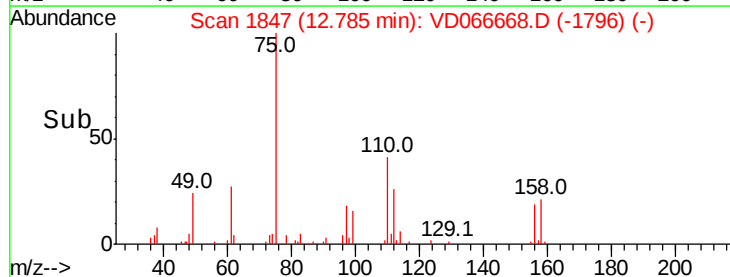
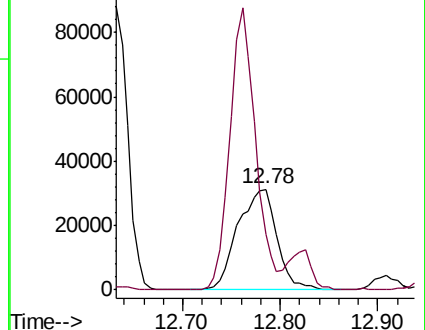
75 100

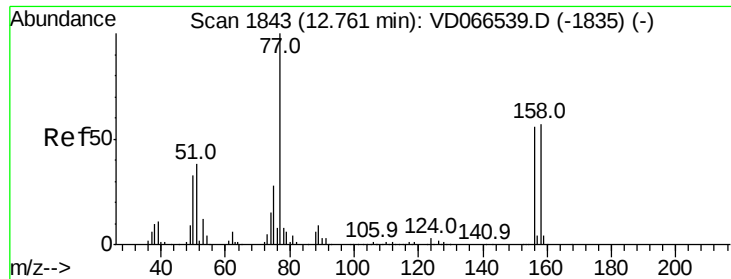
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 22.663 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

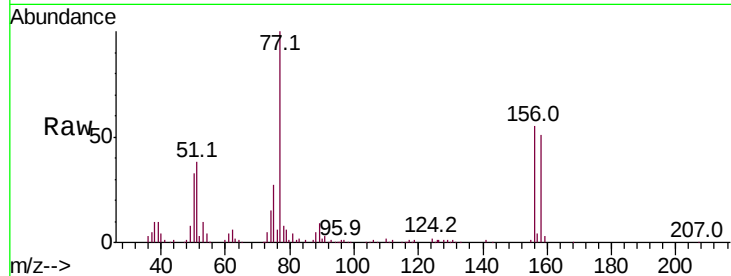
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:156 Resp: 85925

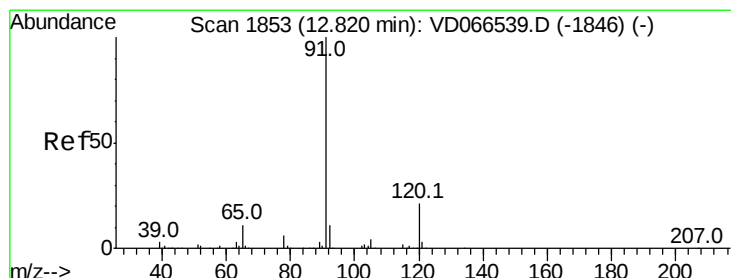
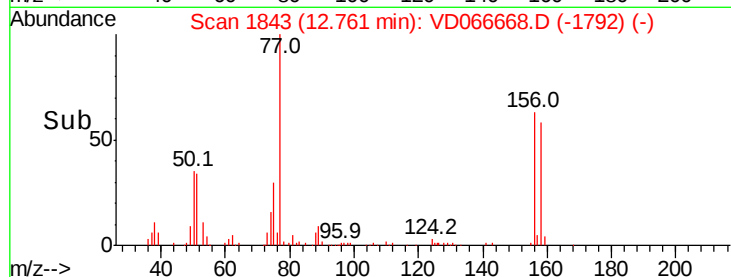
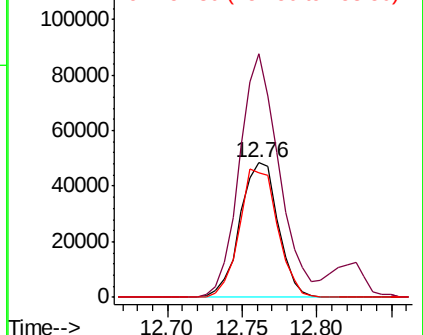
Ion	Ratio	Lower	Upper
156	100		
77	186.4	98.0	294.1
158	95.2	48.1	144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.655 ug/l

RT: 12.82 min Scan# 1853

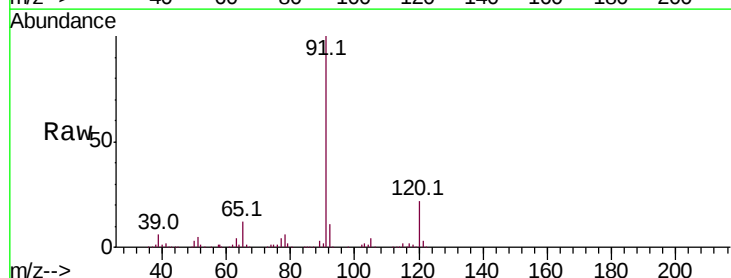
Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

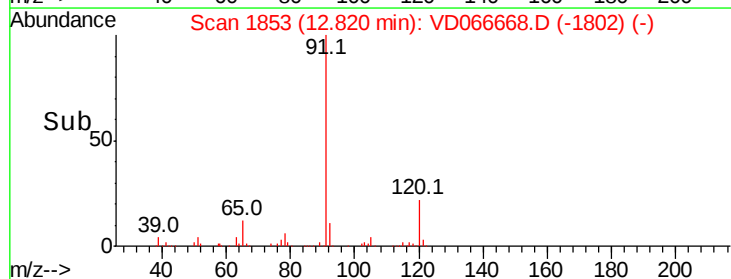
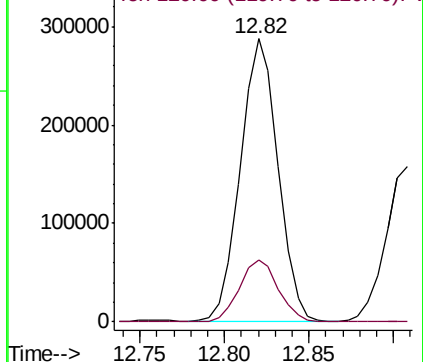
Tgt Ion: 91 Resp: 446438

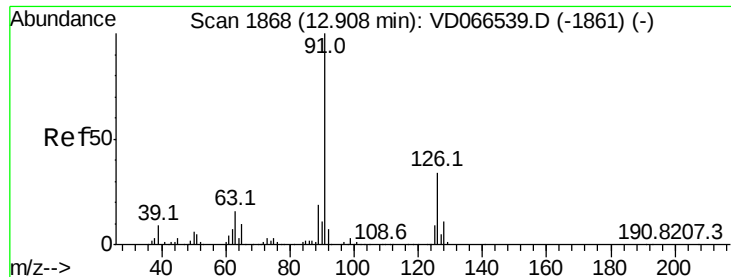
Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.561 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

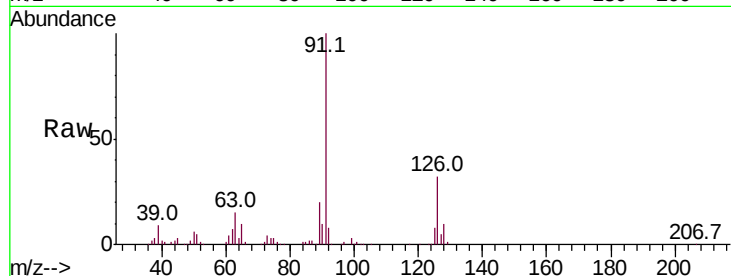
ClientSampleId :

Tot Ion: 91 Resp: 260926

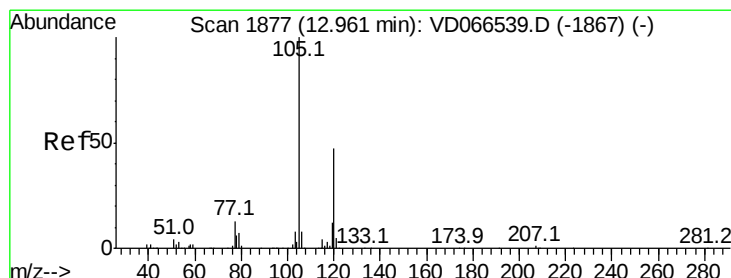
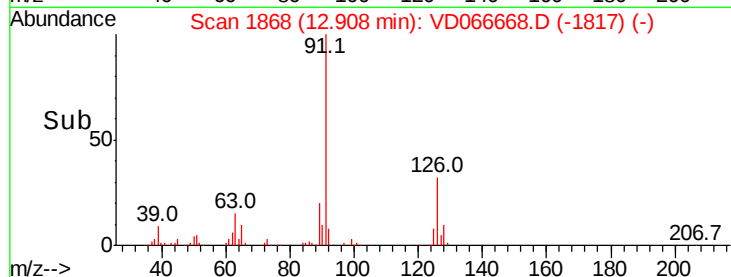
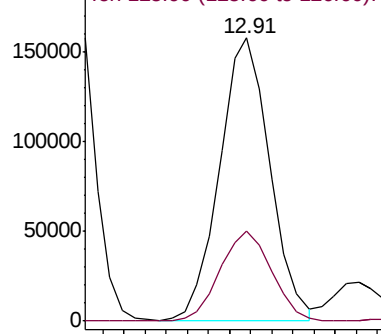
Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 21.942 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066668.D

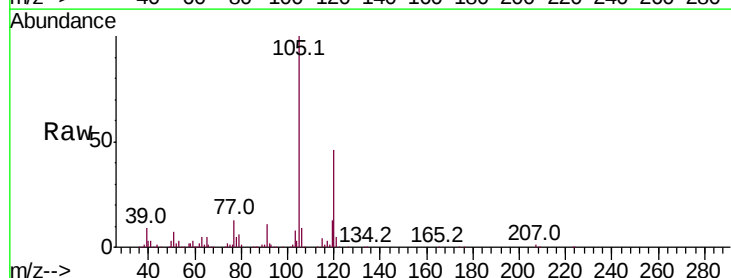
Acq: 12 Sep 2020 02:02

Tgt Ion:105 Resp: 314067

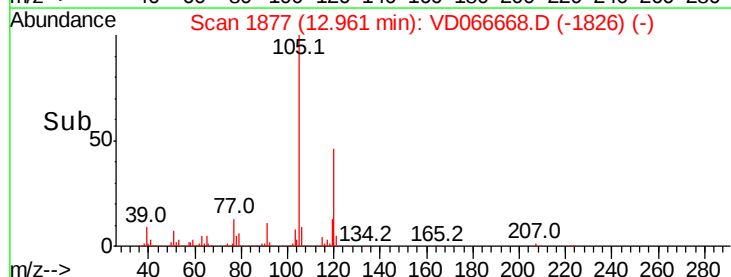
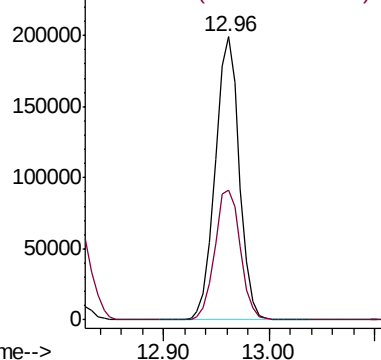
Ion Ratio Lower Upper

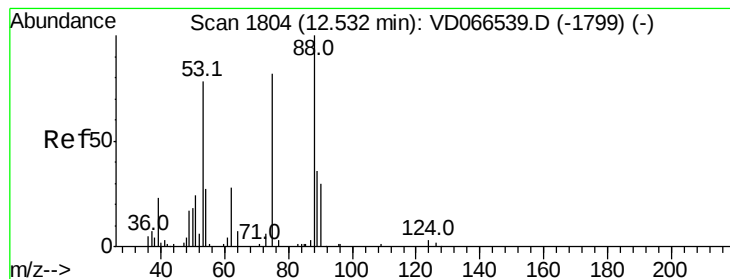
105 100

120 48.6 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.840 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampleId :

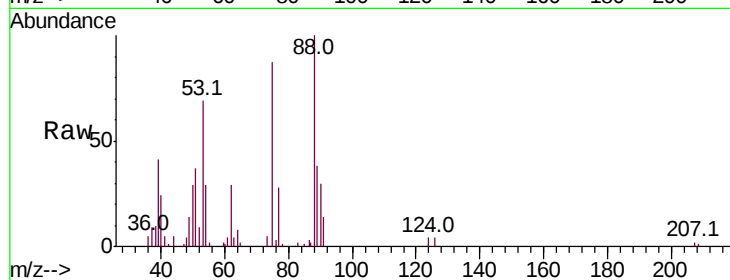
Tot Ion: 75 Resp: 18772

Ion Ratio Lower Upper

75 100

53 102.6 87.0 130.4

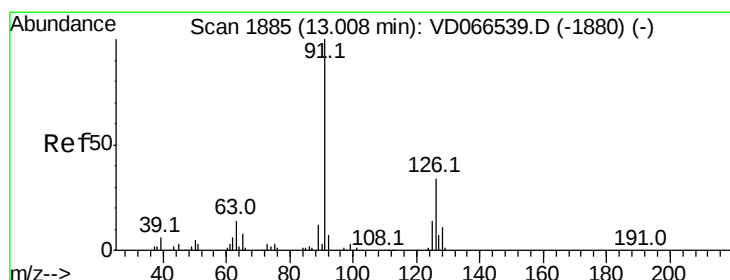
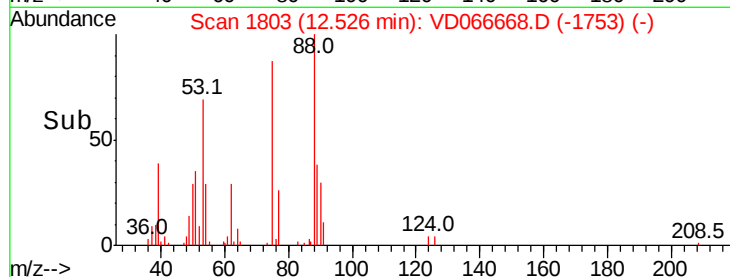
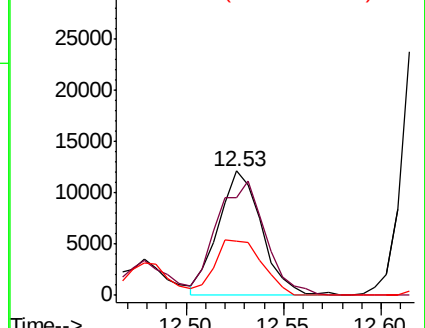
89 48.2 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 22.377 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066668.D

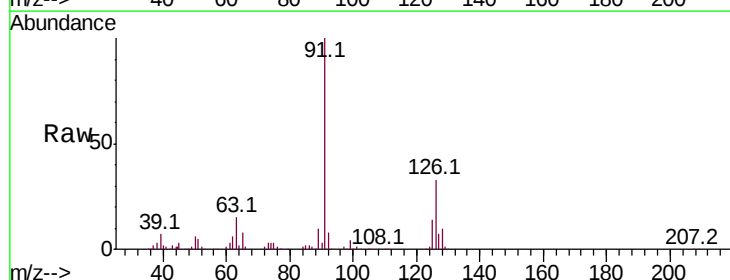
Acq: 12 Sep 2020 02:02

Tgt Ion: 91 Resp: 276747

Ion Ratio Lower Upper

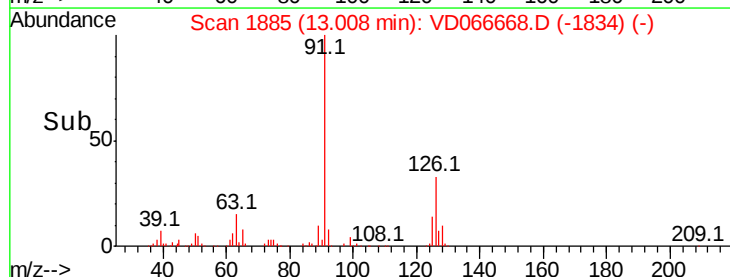
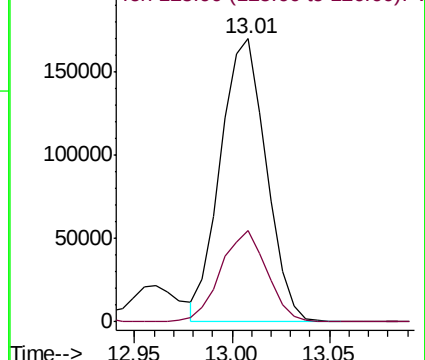
91 100

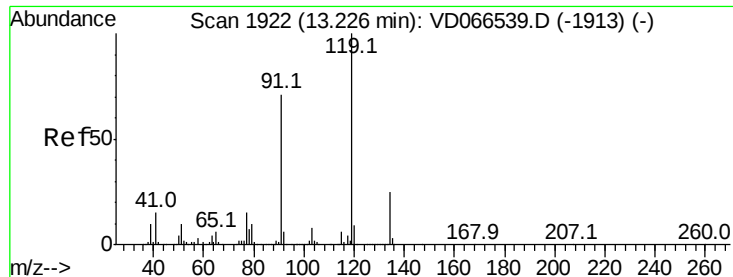
126 32.6 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

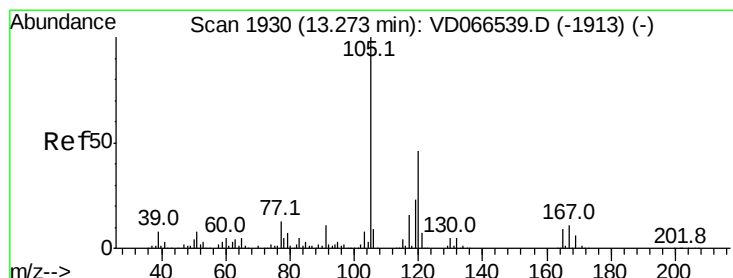
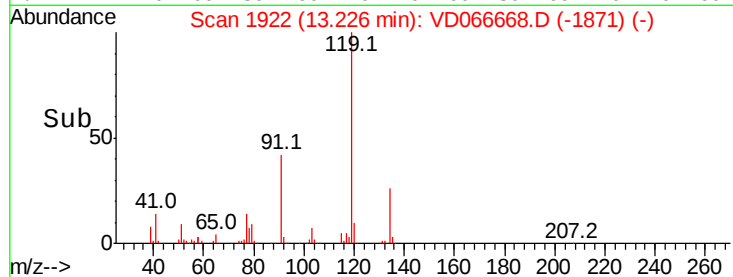
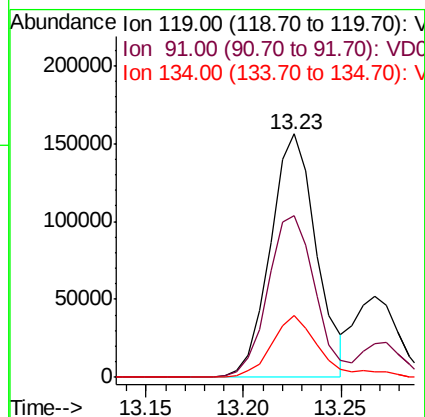
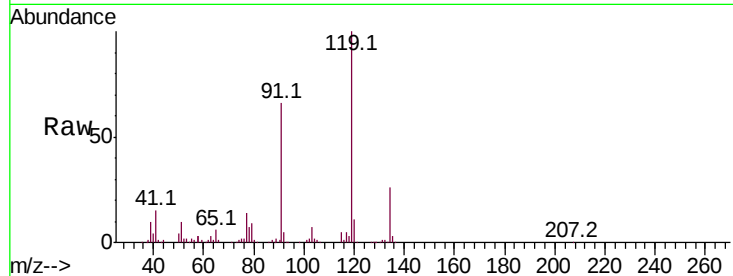




#83
tert-Butylbenzene
Concen: 21.796 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

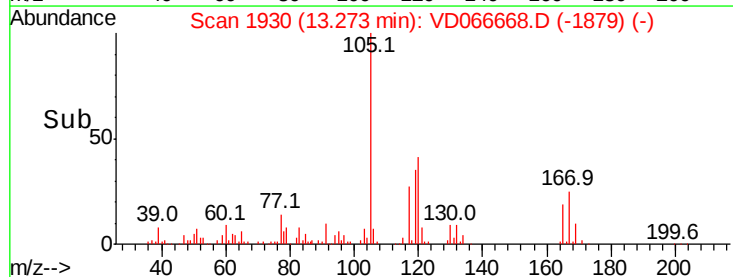
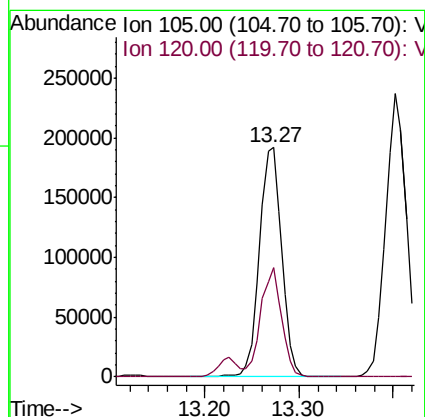
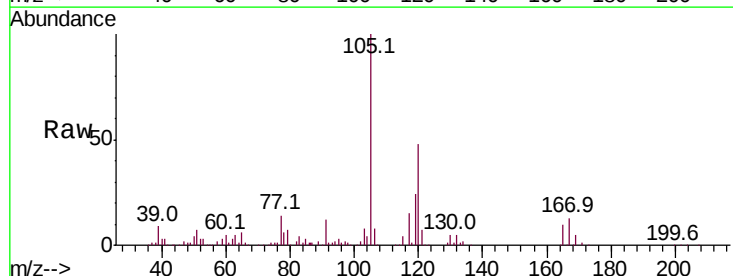
Instrument :
MSVOA_D
ClientSampleId :

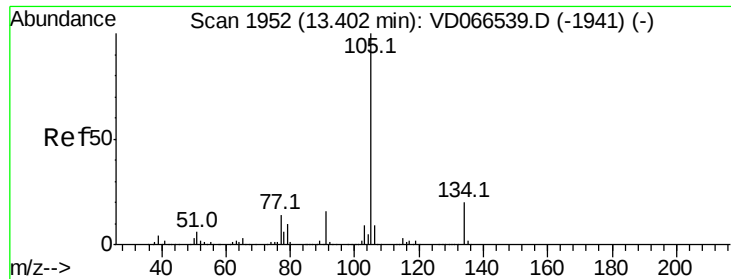
Tot Ion:119 Resp: 254760
Ion Ratio Lower Upper
119 100
91 69.0 35.2 105.6
134 27.0 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 22.150 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Tgt Ion:105 Resp: 315652
Ion Ratio Lower Upper
105 100
120 44.4 22.6 67.7





#85

sec-Butylbenzene

Concen: 21.586 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

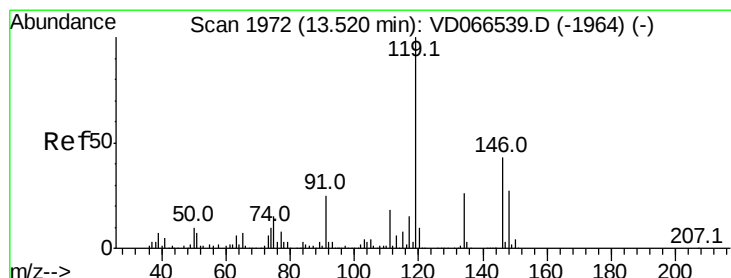
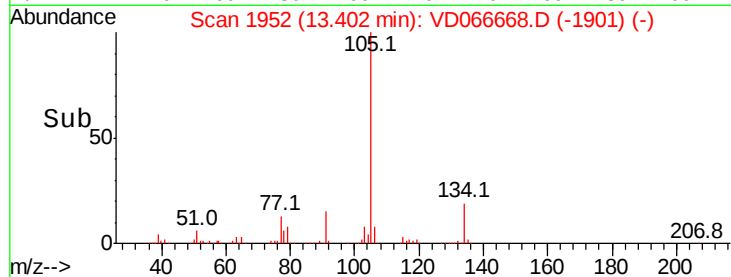
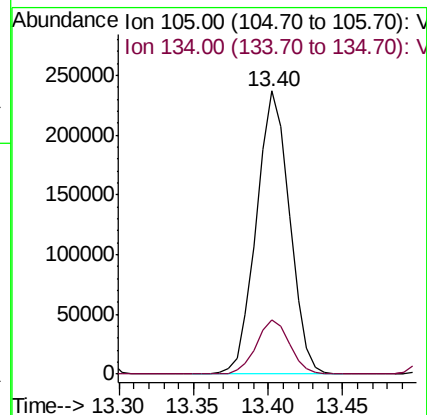
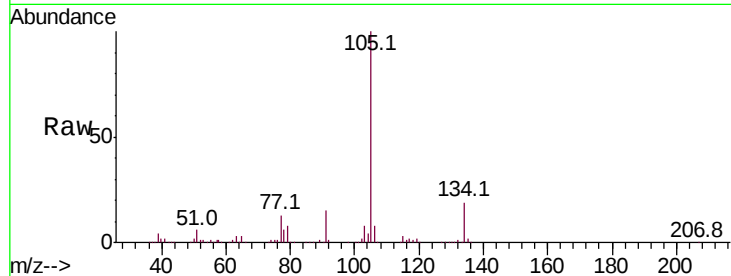
ClientSampleId :

Tot Ion:105 Resp: 363515

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.5



#86

p-Isopropyltoluene

Concen: 21.753 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

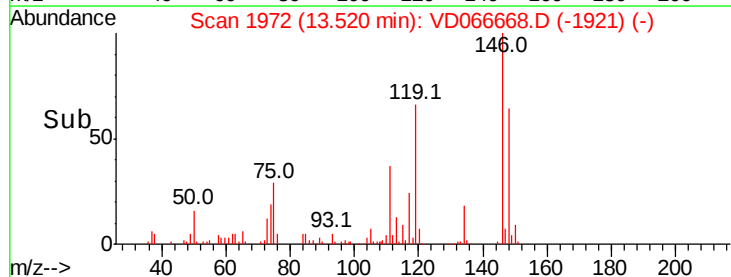
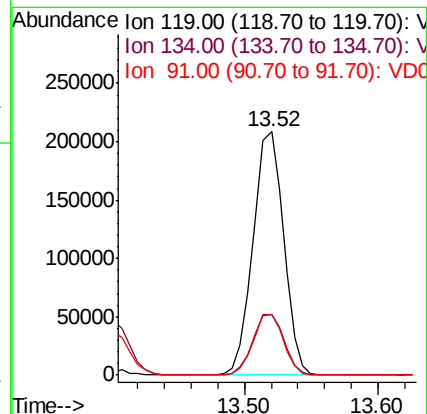
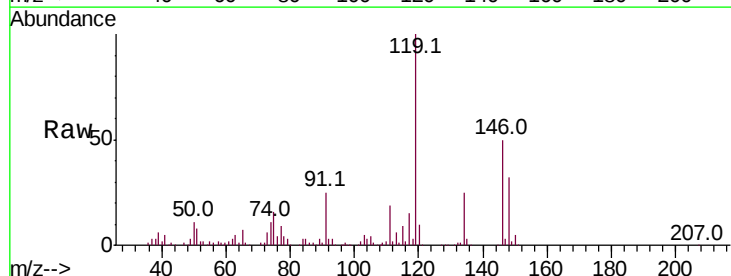
Tgt Ion:119 Resp: 329714

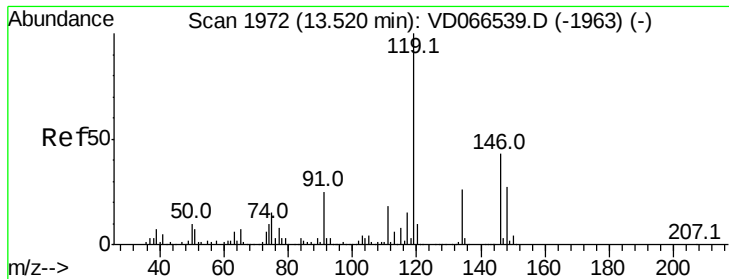
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 24.7 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 22.403 ug/l

RT: 13.52 min Scan# 1972

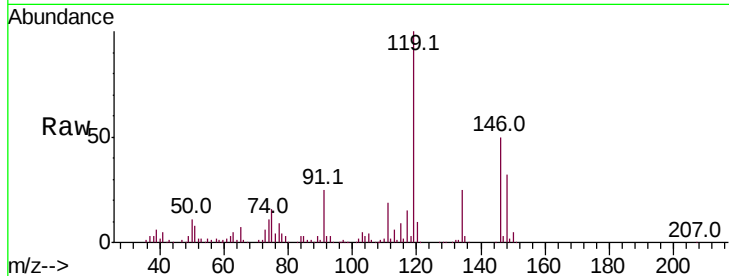
Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :
MSVOA_D
ClientSampleId :

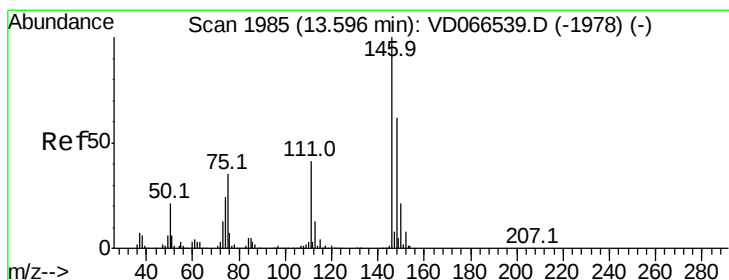
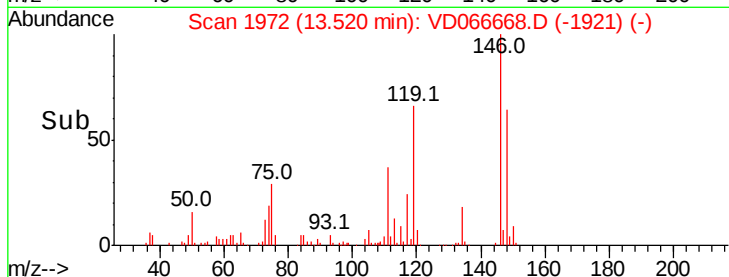
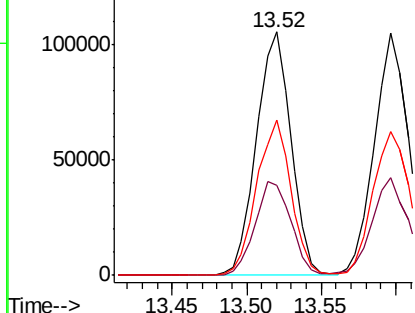
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.6	61.9
148	63.2	32.1	96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.821 ug/l

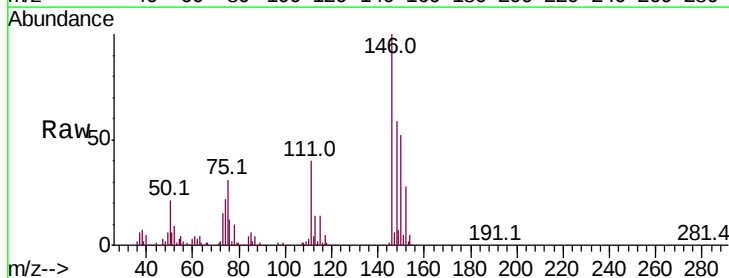
RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

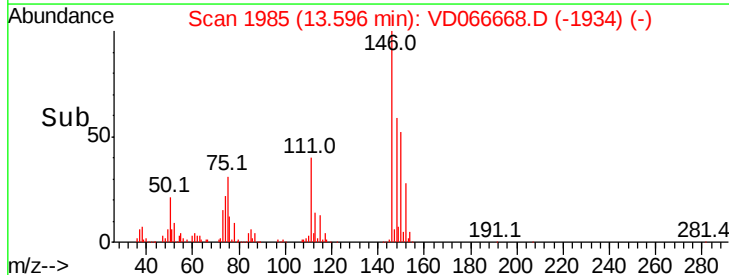
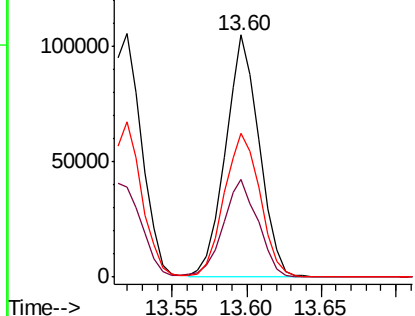
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.1	60.2
148	63.6	31.6	94.8

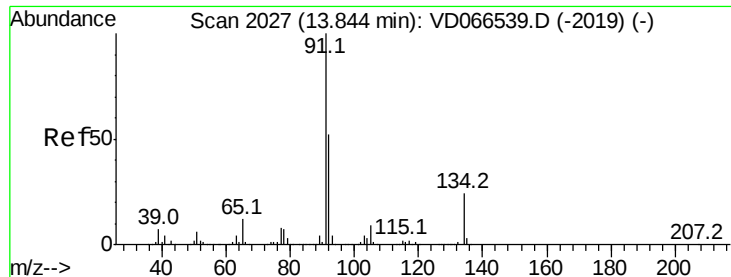


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

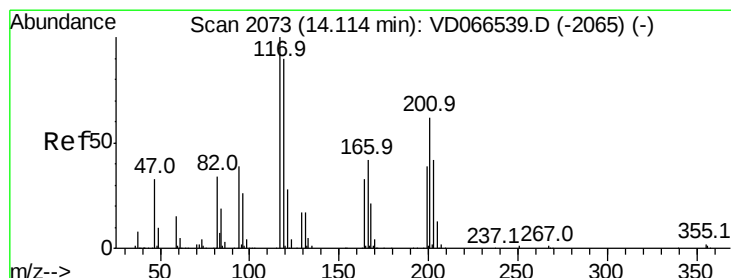
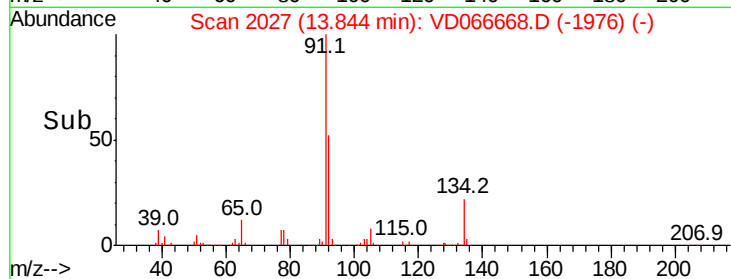
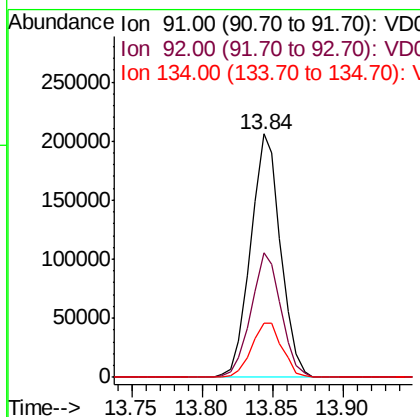
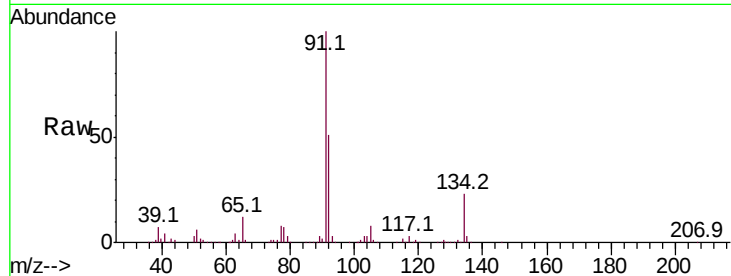




#89
n-Butylbenzene
Concen: 20.787 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

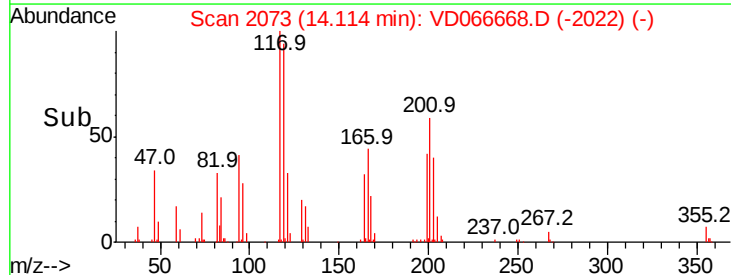
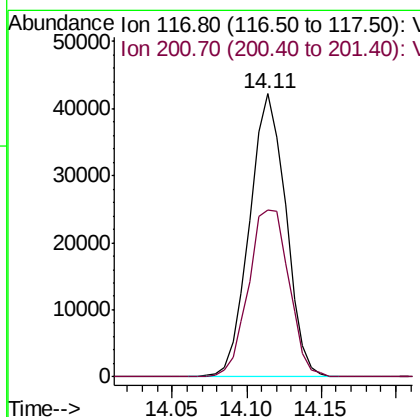
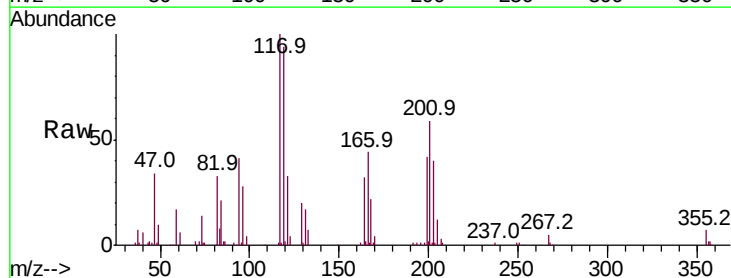
Instrument :
MSVOA_D
ClientSampleId :

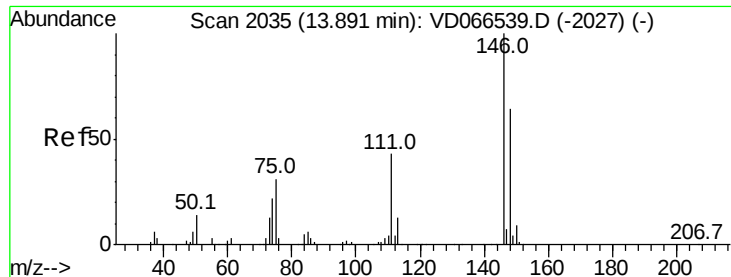
Tot Ion: 91 Resp: 307026
Ion Ratio Lower Upper
91 100
92 51.5 26.5 79.5
134 23.3 12.1 36.3



#90
Hexachloroethane
Concen: 21.752 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 12 Sep 2020 02:02

Tgt Ion: 117 Resp: 71038
Ion Ratio Lower Upper
117 100
201 65.4 31.9 95.5

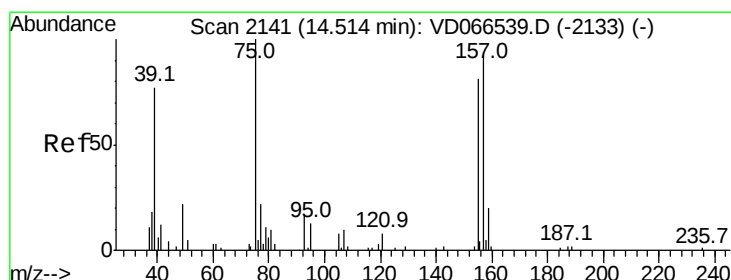
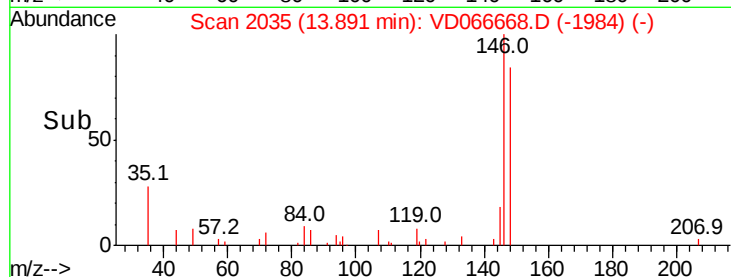
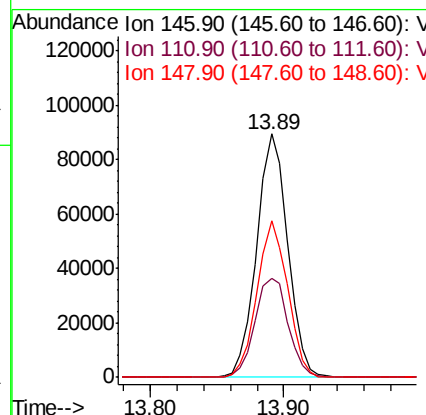
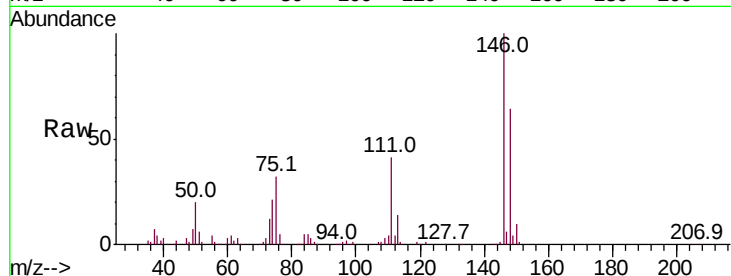




#91
 1,2-Dichlorobenzene
 Concen: 21.749 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 12 Sep 2020 02:02

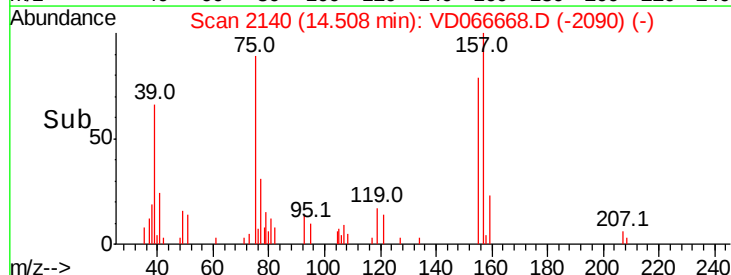
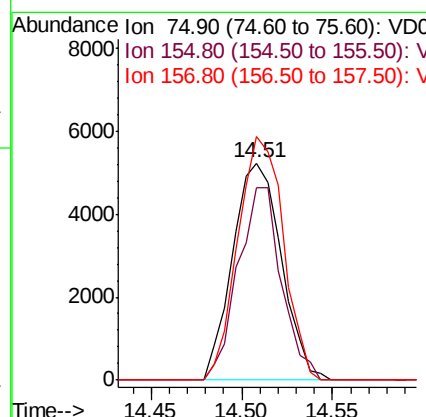
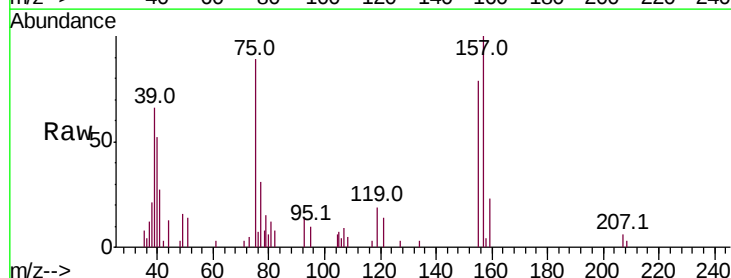
Instrument :
 MSVOA_D
 ClientSampled :

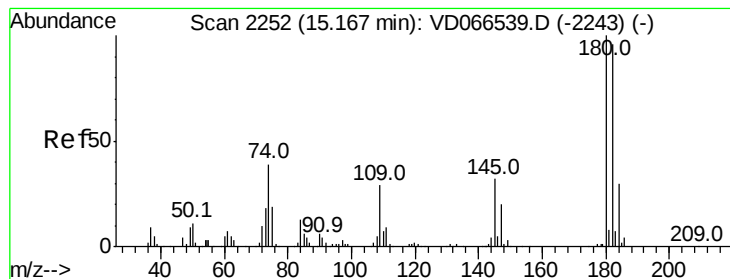
Tot Ion:146 Resp: 143084
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.1 63.4
 148 63.7 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.237 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066668.D
 Acq: 12 Sep 2020 02:02

Tgt Ion: 75 Resp: 9818
 Ion Ratio Lower Upper
 75 100
 155 78.6 39.3 117.8
 157 104.5 46.0 137.8





#93

1,2,4-Trichlorobenzene

Concen: 21.439 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampled :

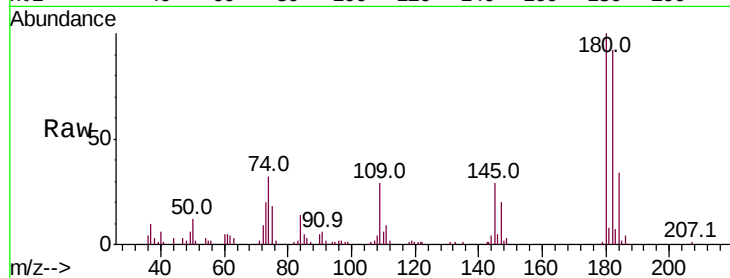
Tot Ion:180 Resp: 84650

Ion Ratio Lower Upper

180 100

182 91.0 48.4 145.0

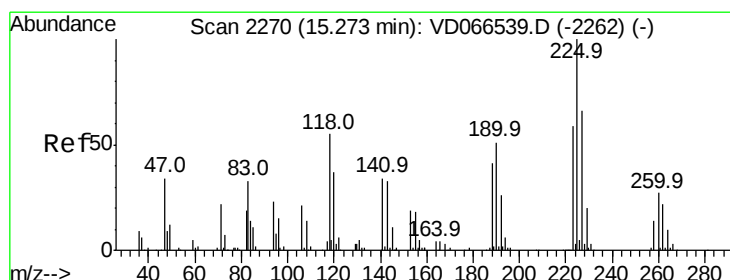
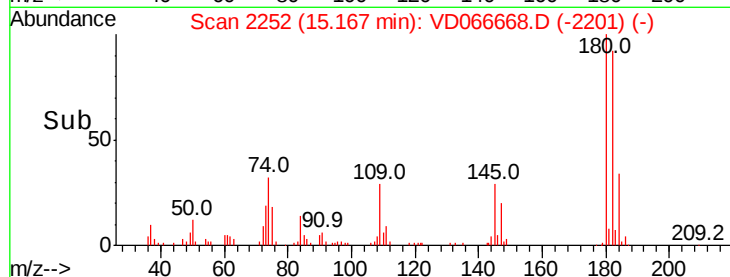
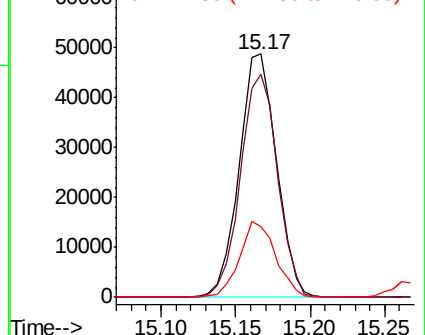
145 30.1 16.7 50.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.942 ug/l

RT: 15.27 min Scan# 2269

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

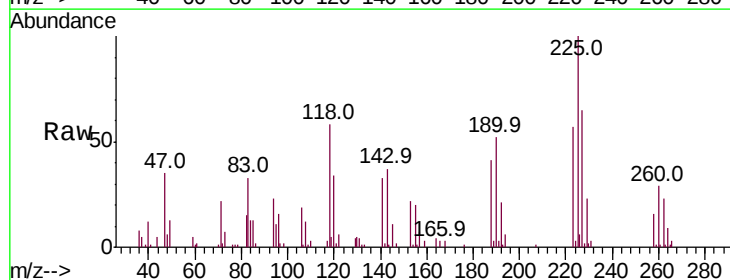
Tgt Ion:225 Resp: 47304

Ion Ratio Lower Upper

225 100

223 64.6 30.5 91.5

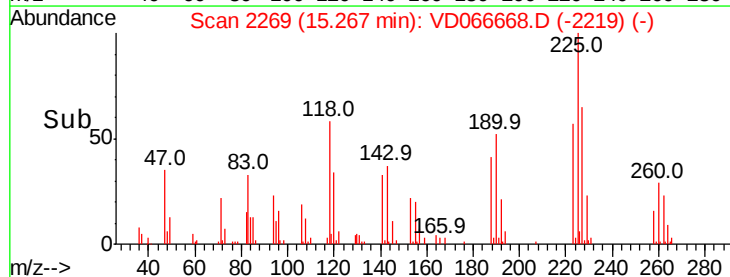
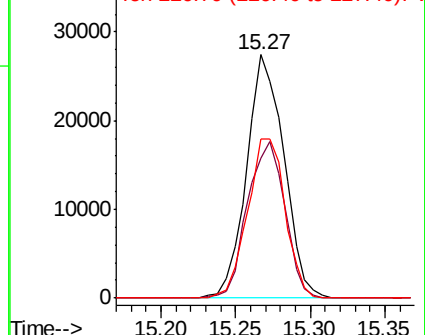
227 65.9 32.4 97.2

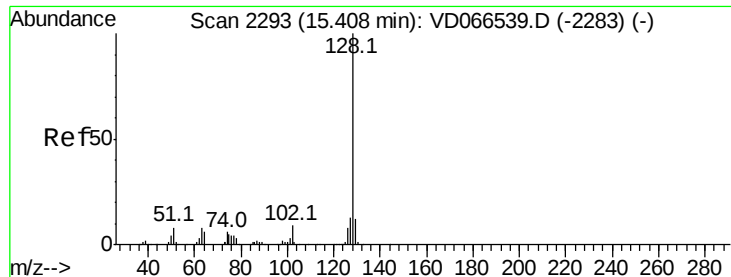


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.317 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

Instrument :

MSVOA_D

ClientSampleId :

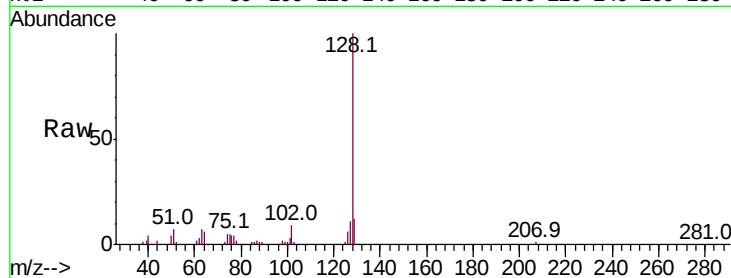
Tot Ion:128 Resp: 140180

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

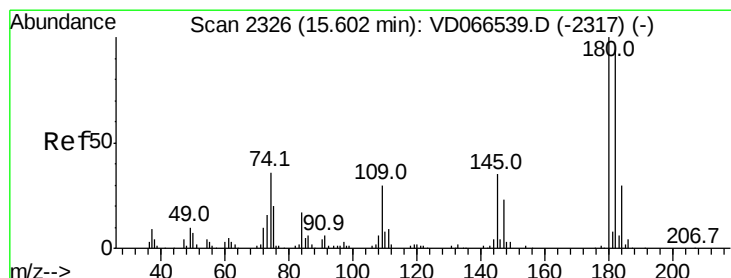
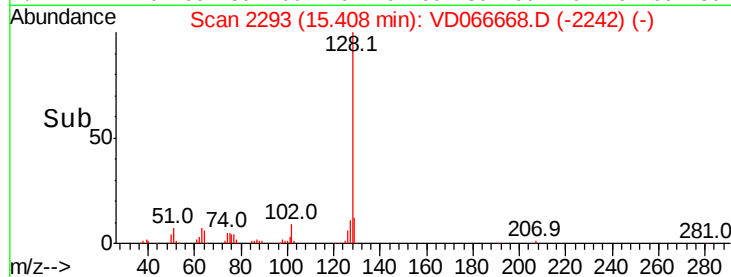
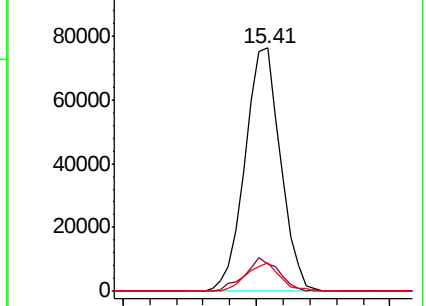
129 11.0 9.1 13.7



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: 21.516 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 12 Sep 2020 02:02

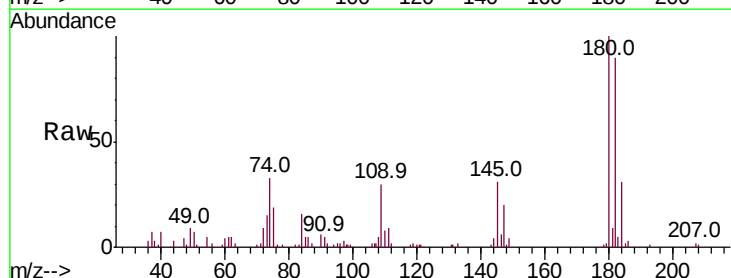
Tgt Ion:180 Resp: 72428

Ion Ratio Lower Upper

180 100

182 93.7 47.9 143.6

145 33.2 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

