

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066358.D
 Acq On : 21 Aug 2020 14:08
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Quant Time: Aug 22 02:21:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	257072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	350753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	320759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	167899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	129826	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	7.91	113	121650	55.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.92%	
50) Toluene-d8	10.34	98	451845	56.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.62%	
62) 4-Bromofluorobenzene	12.63	95	156826	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	107455	49.167	ug/l	100
3) Chloromethane	2.20	50	77441	49.989	ug/l	98
4) Vinyl Chloride	2.35	62	82361	49.517	ug/l	99
5) Bromomethane	2.77	94	61247	49.230	ug/l	94
6) Chloroethane	2.92	64	52680	49.463	ug/l	95
7) Trichlorofluoromethane	3.27	101	229445	50.730	ug/l	98
8) Diethyl Ether	3.70	74	48866	48.220	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	115800	51.880	ug/l	98
10) Methyl Iodide	4.30	142	123159	48.377	ug/l	99
11) Tert butyl alcohol	5.22	59	35591	245.575	ug/l	96
12) 1,1-Dichloroethene	4.07	96	110367	52.676	ug/l	92
13) Acrolein	3.91	56	24607	219.866	ug/l	95
14) Allyl chloride	4.71	41	143513	51.317	ug/l	99
15) Acrylonitrile	5.42	53	101522	249.689	ug/l	96
16) Acetone	4.15	43	112160	246.845	ug/l	99
17) Carbon Disulfide	4.40	76	322289	50.756	ug/l	98
18) Methyl Acetate	4.71	43	40037	46.948	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	253916	50.329	ug/l	94
20) Methylene Chloride	4.96	84	124144	51.292	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	124099	50.882	ug/l	97
22) Diisopropyl ether	6.36	45	280383	51.783	ug/l	98
23) Vinyl Acetate	6.30	43	856883	255.638	ug/l	99
24) 1,1-Dichloroethane	6.26	63	192929	50.421	ug/l	97
25) 2-Butanone	7.21	43	128840	249.774	ug/l	98
26) 2,2-Dichloropropane	7.21	77	209140	50.997	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	131776	50.424	ug/l	99
28) Bromochloromethane	7.54	49	67087	50.900	ug/l	97
29) Tetrahydrofuran	7.56	42	72584	247.741	ug/l	98
30) Chloroform	7.71	83	224445	50.699	ug/l	97
31) Cyclohexane	7.98	56	171291	48.948	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	230958	50.974	ug/l	98
36) 1,1-Dichloropropene	8.11	75	172725	53.970	ug/l	99
37) Ethyl Acetate	7.28	43	55255	50.762	ug/l #	93
38) Carbon Tetrachloride	8.09	117	225312	54.037	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066358.D
 Acq On : 21 Aug 2020 14:08
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Quant Time: Aug 22 02:21:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	207873	55.139	ug/l	99
40) Benzene	8.34	78	447082	53.102	ug/l	97
41) Methacrylonitrile	7.52	41	31540	46.986	ug/l #	92
42) 1,2-Dichloroethane	8.42	62	155215	52.344	ug/l	99
43) Isopropyl Acetate	8.44	43	110559	50.604	ug/l	99
44) Trichloroethene	9.11	130	147718	53.996	ug/l	99
45) 1,2-Dichloropropane	9.38	63	105106	55.067	ug/l	91
46) Dibromomethane	9.47	93	61926	52.109	ug/l	100
47) Bromodichloromethane	9.66	83	173502	53.089	ug/l	100
48) Methyl methacrylate	9.46	41	61292	54.403	ug/l	92
49) 1,4-Dioxane	9.46	88	13747	996.226	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	278182	263.203	ug/l	98
52) Toluene	10.40	92	307771	53.957	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	166314	53.631	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	185167	53.197	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	81456	50.631	ug/l	93
56) Ethyl methacrylate	10.66	69	100421	53.921	ug/l	93
57) 1,3-Dichloropropane	10.94	76	141160	53.045	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	206865	267.440	ug/l	100
59) 2-Hexanone	10.98	43	200784	269.325	ug/l	98
60) Dibromochloromethane	11.14	129	126968	52.357	ug/l	98
61) 1,2-Dibromoethane	11.24	107	82069	51.836	ug/l	96
64) Tetrachloroethene	10.87	164	128071	52.634	ug/l	94
65) Chlorobenzene	11.67	112	336207	52.684	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	135161	51.827	ug/l	99
67) Ethyl Benzene	11.74	91	610001	54.304	ug/l	100
68) m/p-Xylenes	11.86	106	456389	106.594	ug/l	97
69) o-Xylene	12.18	106	210621	52.879	ug/l	99
70) Styrene	12.20	104	358398	52.404	ug/l	98
71) Bromoform	12.36	173	74907	50.627	ug/l #	100
73) Isopropylbenzene	12.48	105	609600	54.199	ug/l	99
74) N-amyl acetate	12.29	43	105461	51.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	81617	50.797	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	120352	101.892	ug/l	22
77) Bromobenzene	12.76	156	149311	52.303	ug/l	99
78) n-propylbenzene	12.82	91	684093	53.046	ug/l	100
79) 2-Chlorotoluene	12.91	91	393924	53.482	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	513306	52.857	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	30804	55.357	ug/l	93
82) 4-Chlorotoluene	13.01	91	409751	52.508	ug/l	99
83) tert-Butylbenzene	13.23	119	444267	52.669	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	507271	53.182	ug/l	100
85) sec-Butylbenzene	13.40	105	597550	54.069	ug/l	100
86) p-Isopropyltoluene	13.52	119	574964	53.955	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	277390	52.054	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	277992	51.956	ug/l	99
89) n-Butylbenzene	13.84	91	511164	54.358	ug/l	100
90) Hexachloroethane	14.11	117	107720	51.172	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	245266	53.465	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16564	49.153	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
Data File : VD066358.D
Acq On : 21 Aug 2020 14:08
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Quant Time: Aug 22 02:21:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

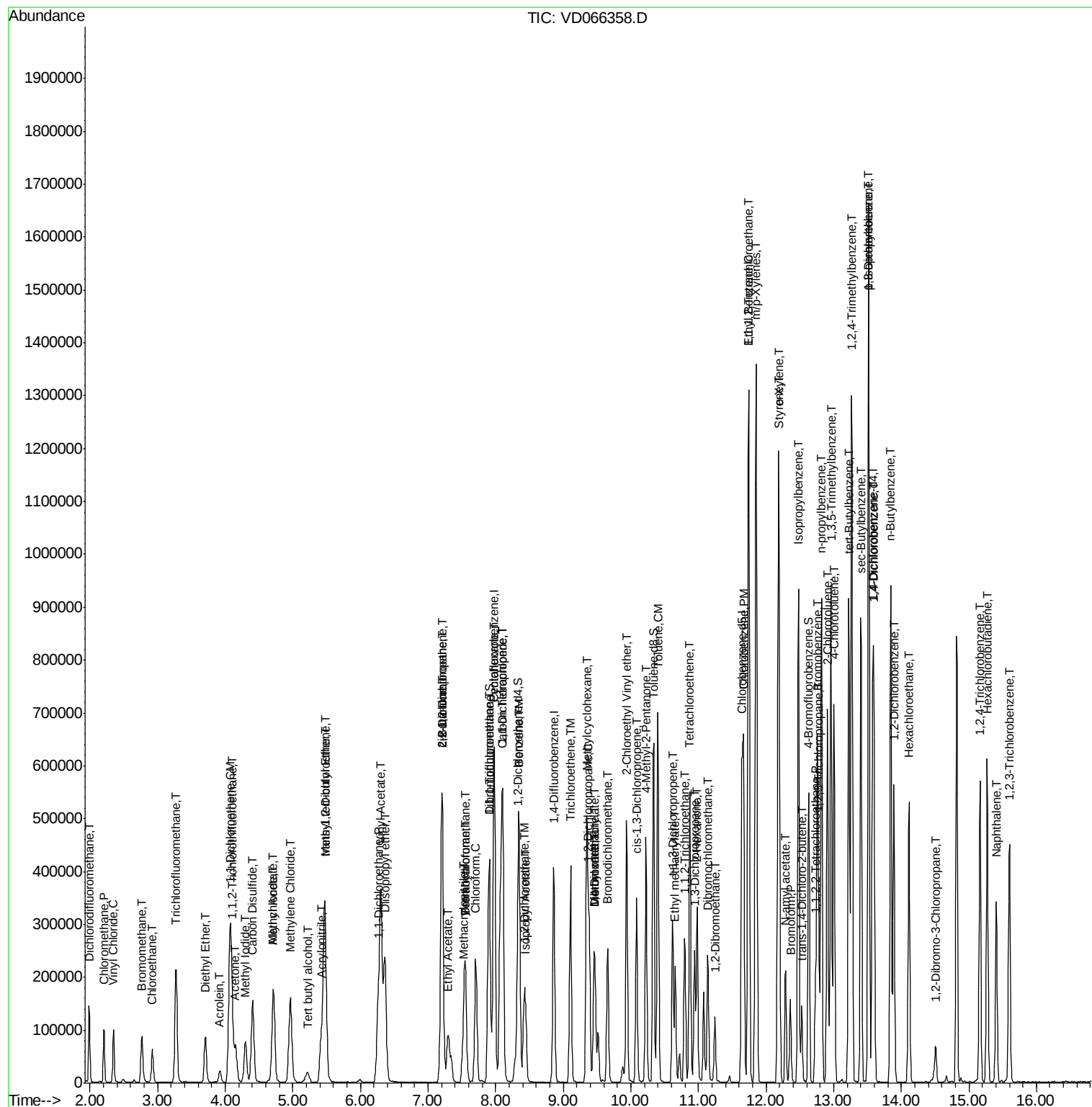
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	187843	52.450	ug/l	99
94) Hexachlorobutadiene	15.27	225	122368	54.982	ug/l	97
95) Naphthalene	15.41	128	300418	53.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	161839	52.752	ug/l	98

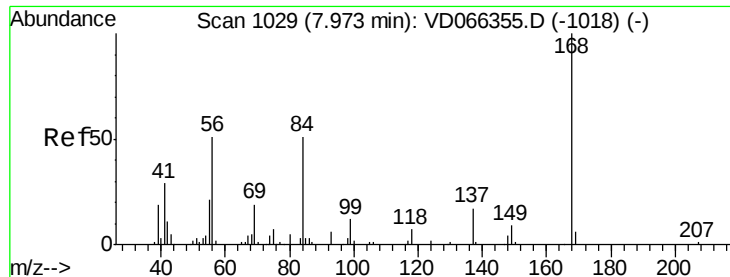
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066358.D
 Acq On : 21 Aug 2020 14:08
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Quant Time: Aug 22 02:21:16 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

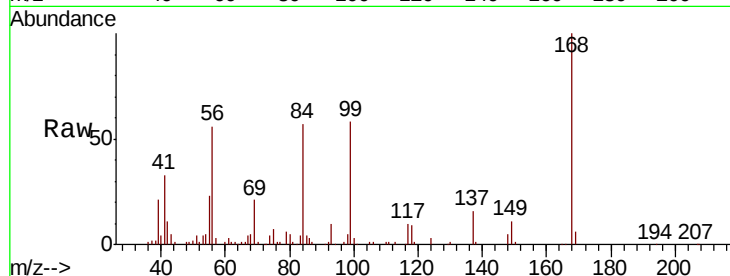
ICVVD082120

Tot Ion:168 Resp: 257072

Ion Ratio Lower Upper

168 100

99 57.5 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

120000

100000

80000

60000

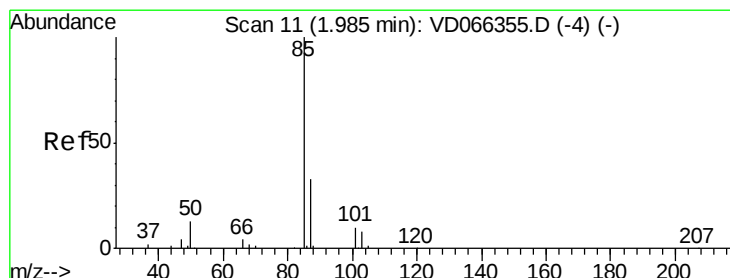
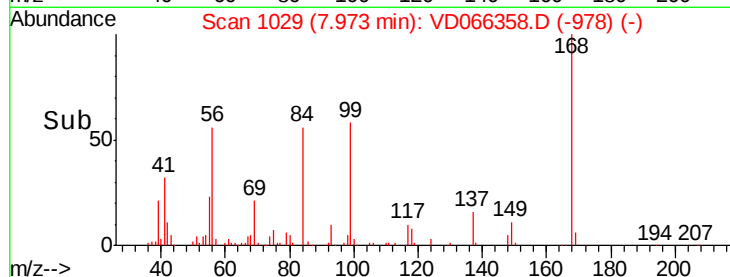
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.167 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066358.D

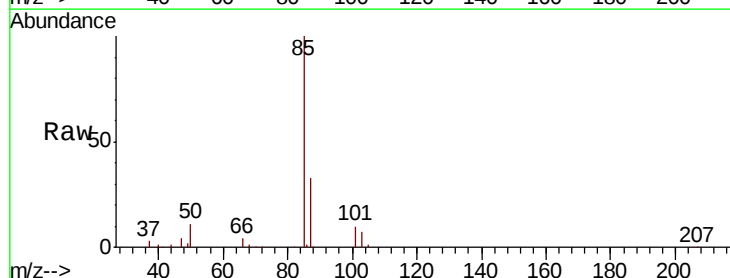
Acq: 21 Aug 2020 14:08

Tgt Ion: 85 Resp: 107455

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

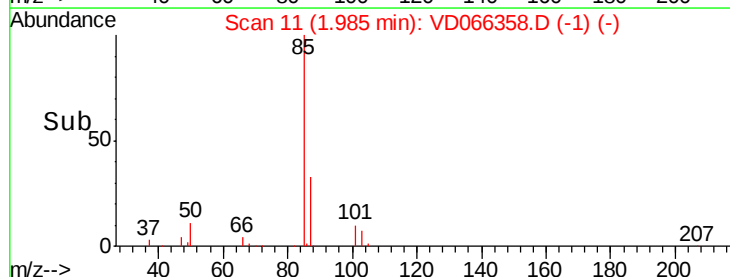
40000

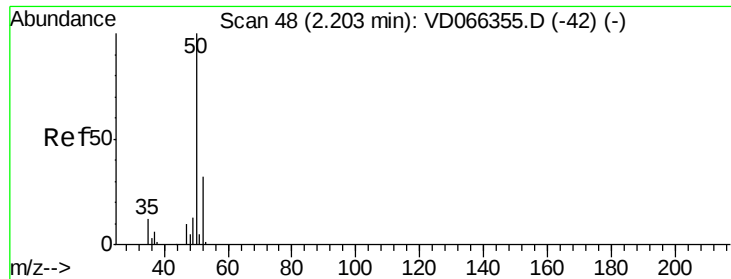
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 49.989 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

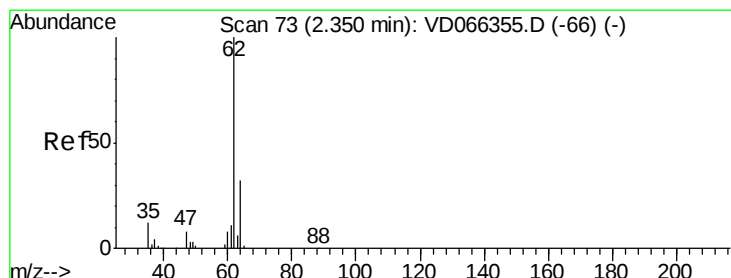
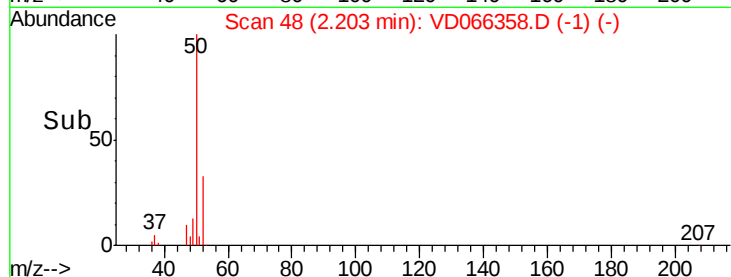
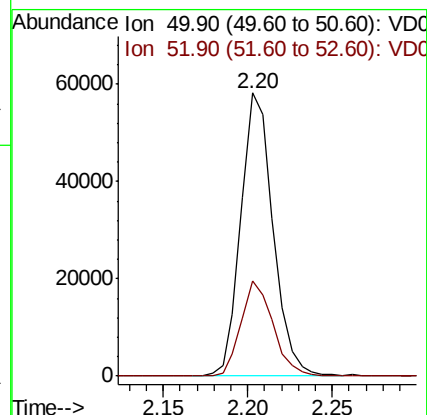
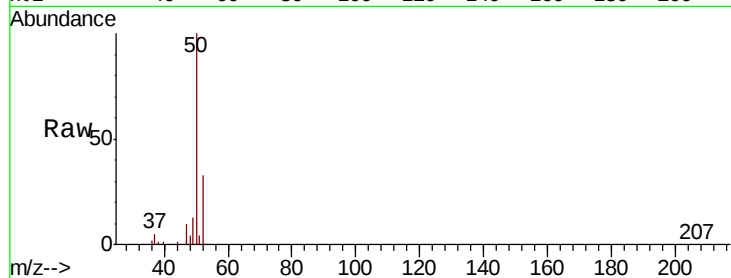
ICVVD082120

Tot Ion: 50 Resp: 77441

Ion Ratio Lower Upper

50 100

52 33.4 25.7 38.5



#4

Vinyl Chloride

Concen: 49.517 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066358.D

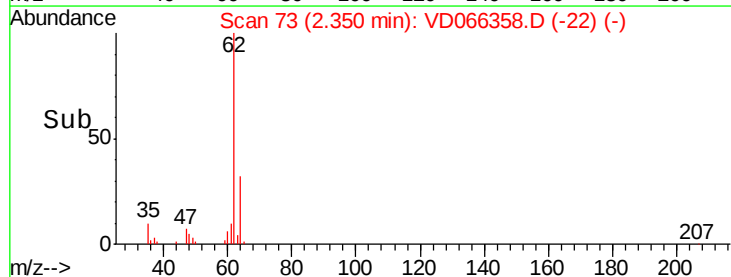
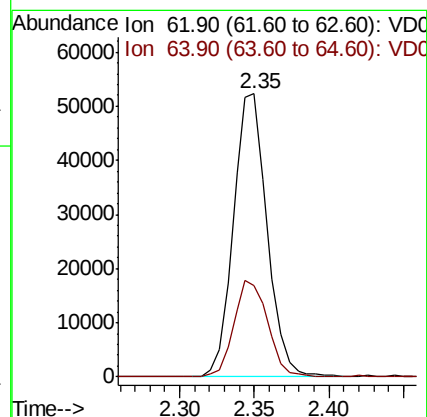
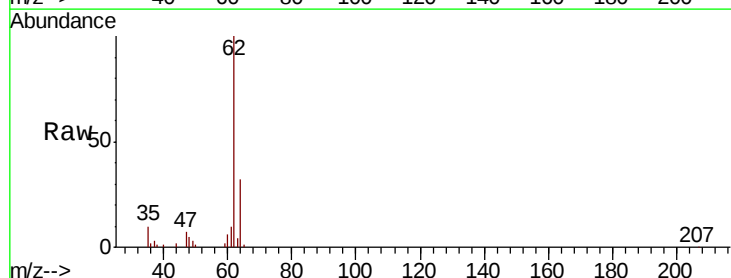
Acq: 21 Aug 2020 14:08

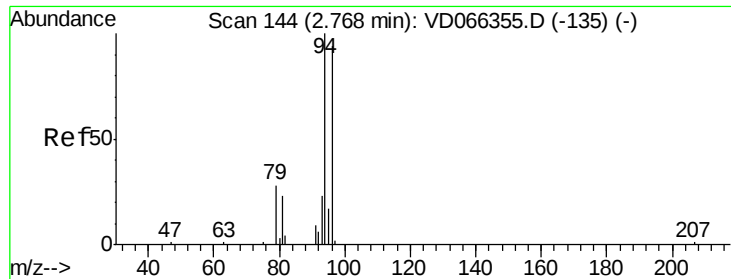
Tgt Ion: 62 Resp: 82361

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 49.230 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

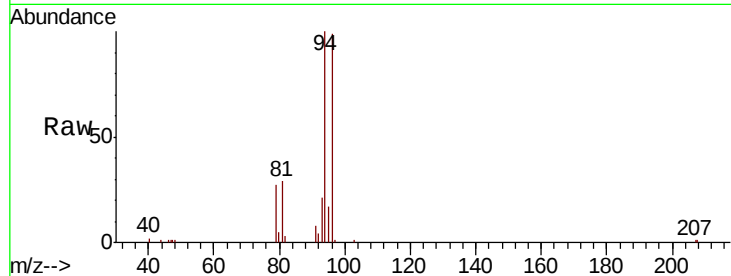
ICVVD082120

Tot Ion: 94 Resp: 61247

Ion Ratio Lower Upper

94 100

96 99.3 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

30000

25000

20000

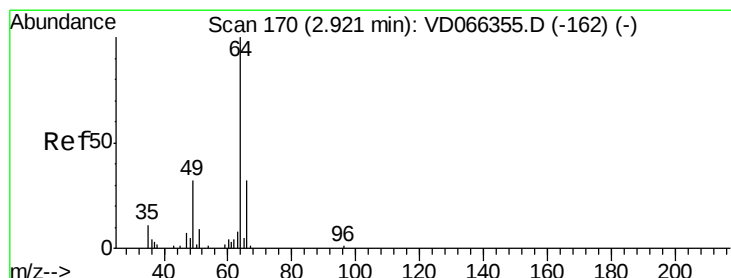
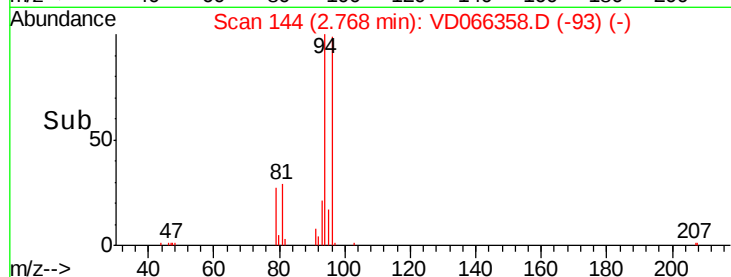
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 49.463 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066358.D

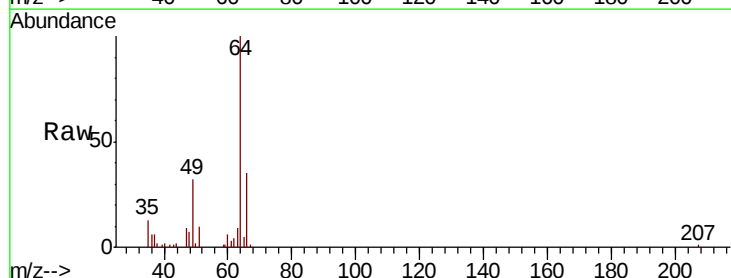
Acq: 21 Aug 2020 14:08

Tgt Ion: 64 Resp: 52680

Ion Ratio Lower Upper

64 100

66 35.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

25000

20000

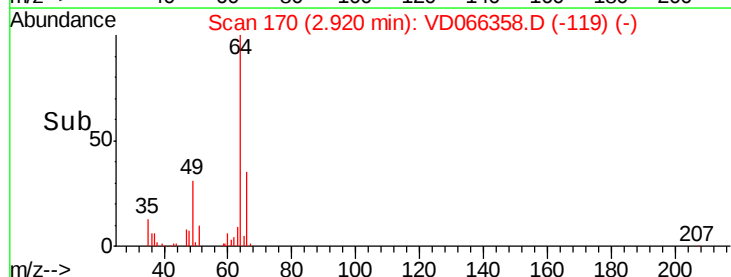
15000

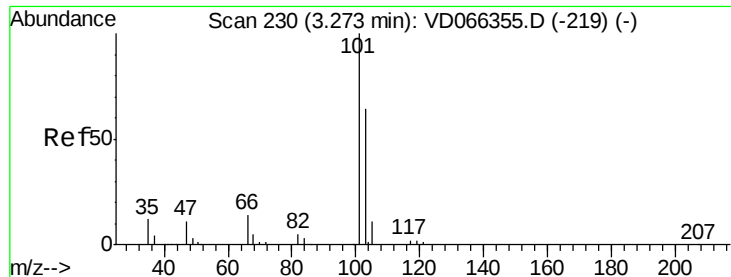
10000

5000

0

Time-->





#7

Trichlorofluoromethane

Concen: 50.730 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

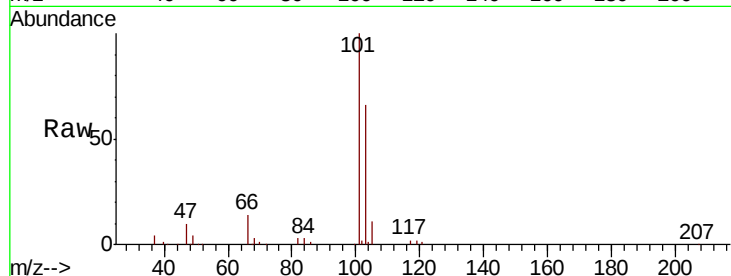
ICVVD082120

Tot Ion:101 Resp: 229445

Ion Ratio Lower Upper

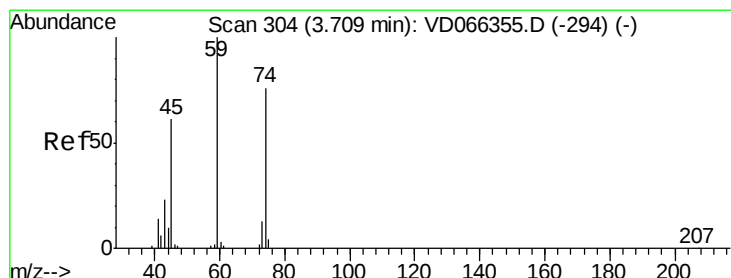
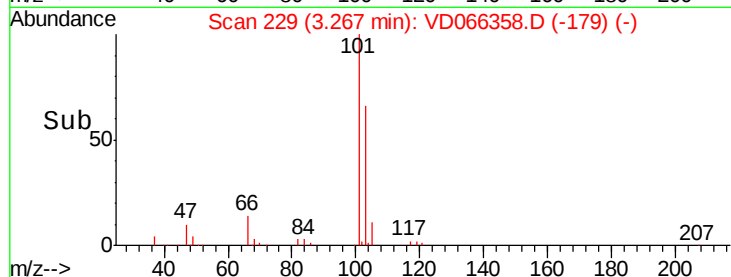
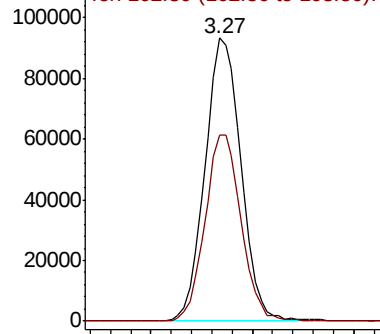
101 100

103 65.9 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.220 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD066358.D

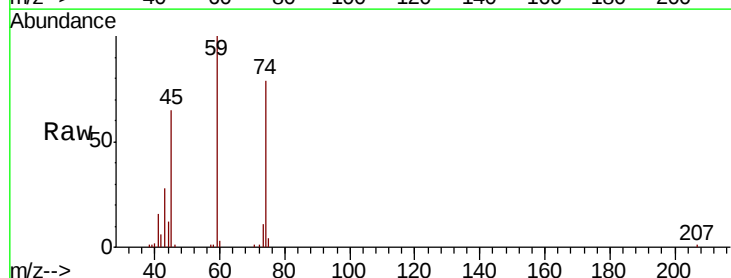
Acq: 21 Aug 2020 14:08

Tgt Ion: 74 Resp: 48866

Ion Ratio Lower Upper

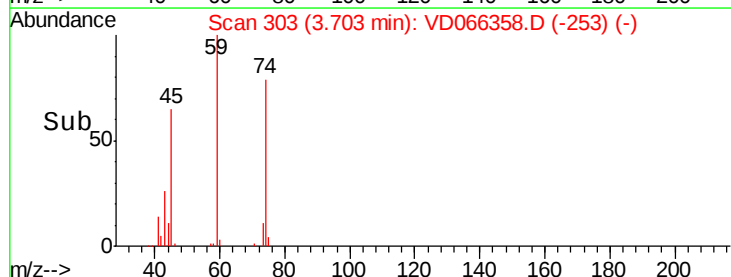
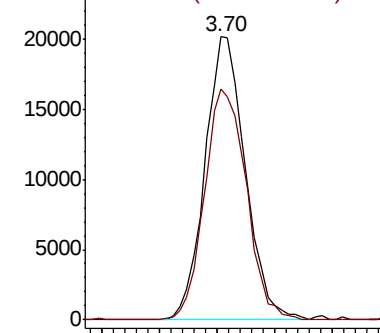
74 100

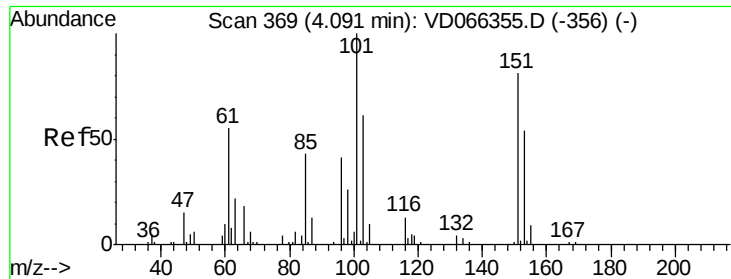
45 84.7 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.880 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

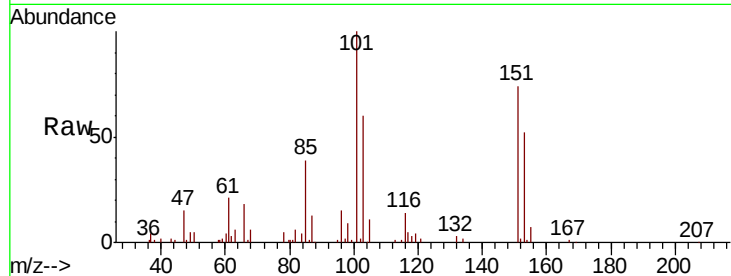
Tot Ion:101 Resp: 115800

Ion Ratio Lower Upper

101 100

85 43.7 36.4 54.6

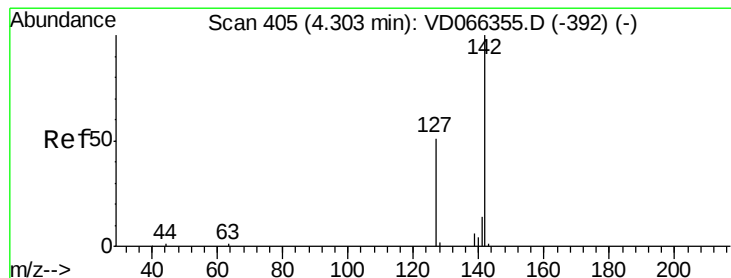
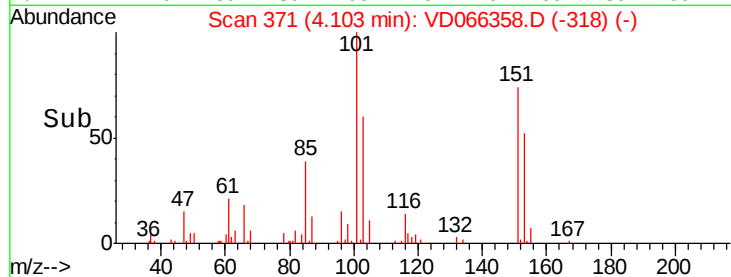
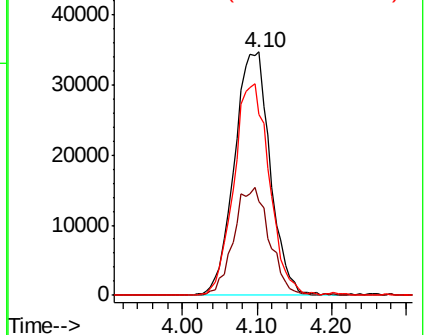
151 86.3 70.5 105.7



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: 48.377 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

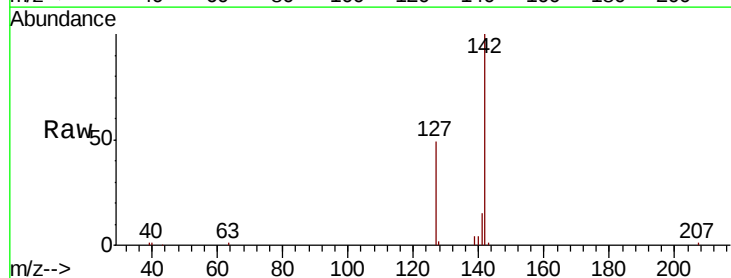
Tgt Ion:142 Resp: 123159

Ion Ratio Lower Upper

142 100

127 51.1 41.8 62.8

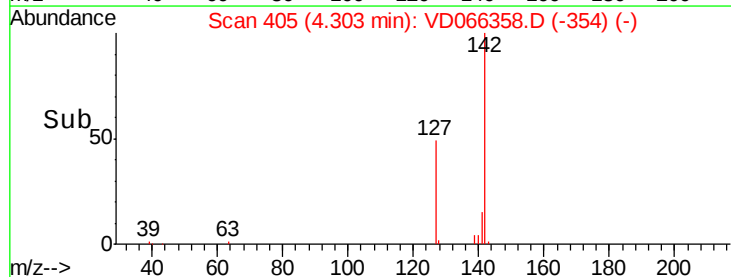
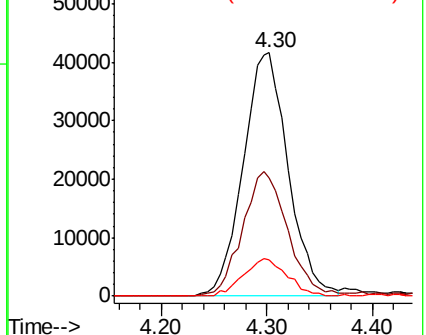
141 14.9 11.8 17.6

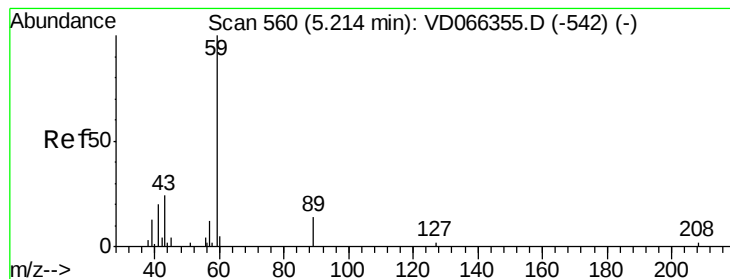


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 245.575 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

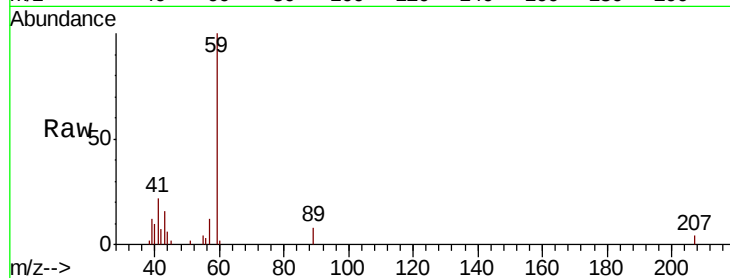
ICVVD082120

Tot Ion: 59 Resp: 35591

Ion Ratio Lower Upper

59 100

57 9.5 9.0 13.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

10000

8000

6000

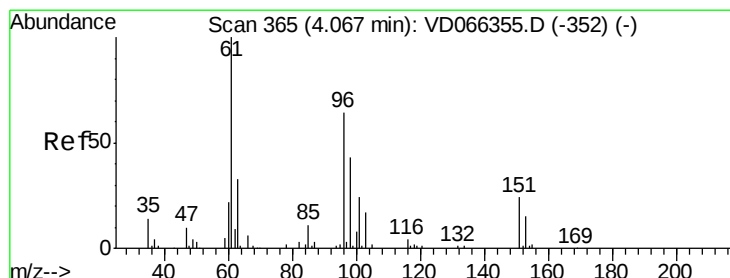
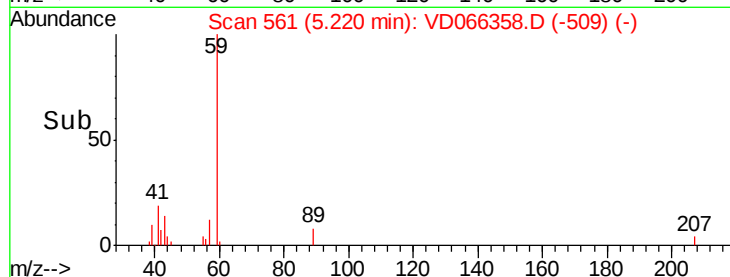
4000

2000

0

5.10 5.20 5.30

Time-->



#12

1,1-Dichloroethene

Concen: 52.676 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

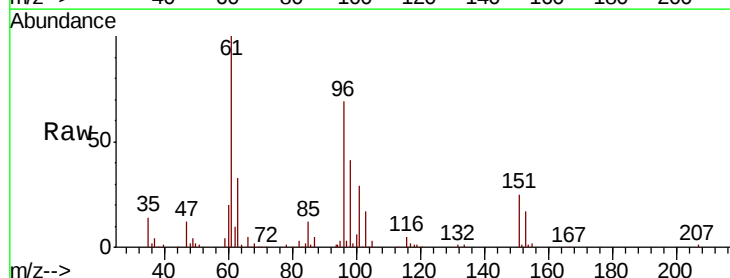
Tgt Ion: 96 Resp: 110367

Ion Ratio Lower Upper

96 100

61 145.1 124.3 186.5

98 59.5 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

80000

60000

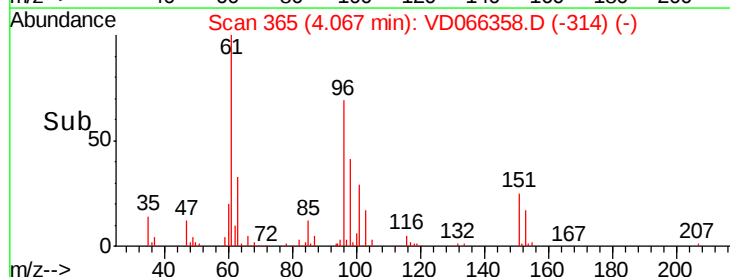
40000

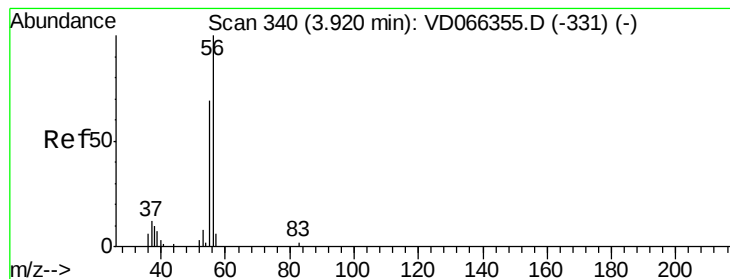
20000

0

4.00 4.10 4.20

Time-->





#13

Acrolein

Concen: 219.866 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

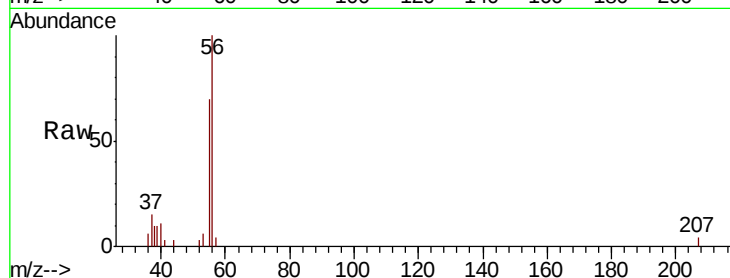
ICVVD082120

Tot Ion: 56 Resp: 24607

Ion Ratio Lower Upper

56 100

55 73.8 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.91

10000

8000

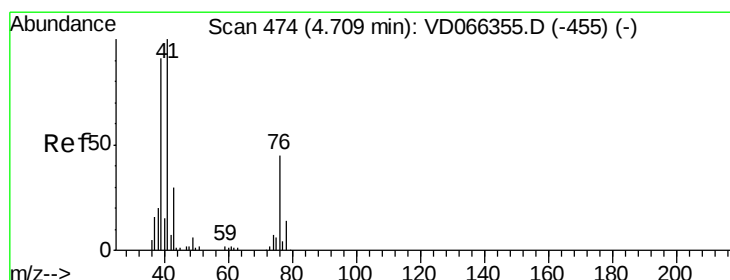
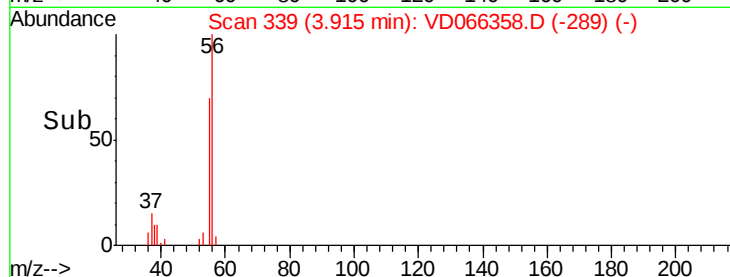
6000

4000

2000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 51.317 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

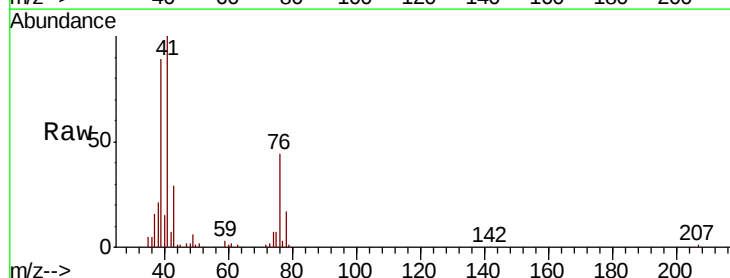
Tgt Ion: 41 Resp: 143513

Ion Ratio Lower Upper

41 100

39 91.5 72.8 109.2

76 43.1 34.0 51.0



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

4.71

60000

50000

40000

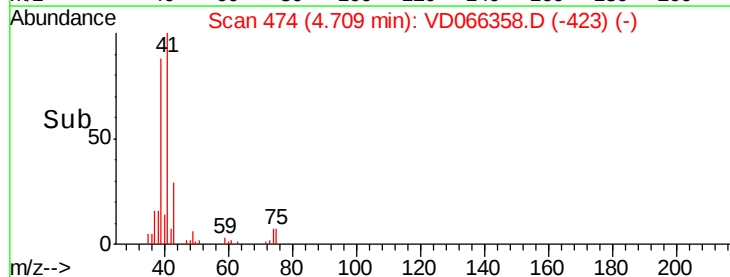
30000

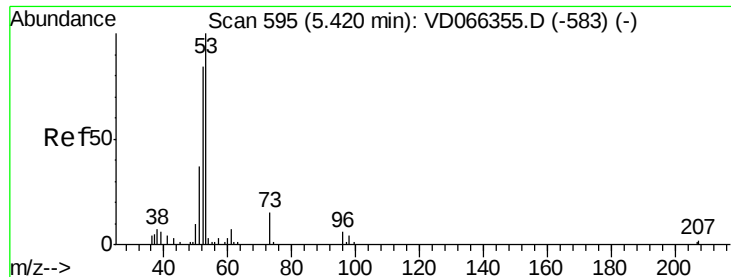
20000

10000

0

Time--> 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 249.689 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

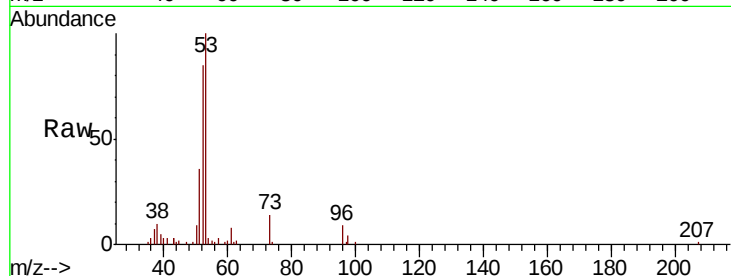
Tot Ion: 53 Resp: 101522

Ion Ratio Lower Upper

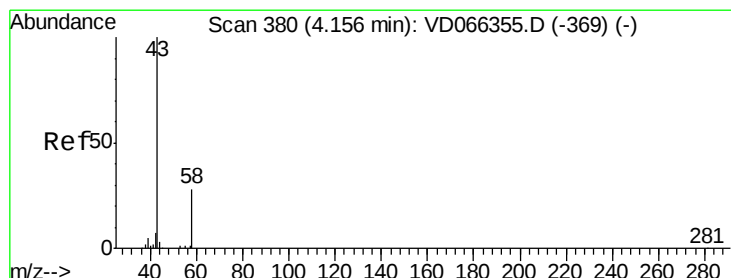
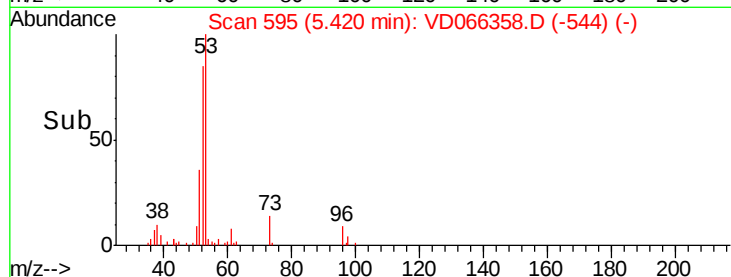
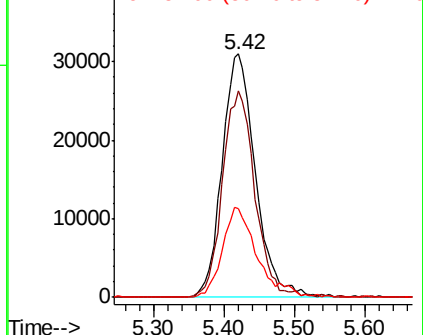
53 100

52 82.3 68.1 102.1

51 38.2 33.8 50.6



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



#16

Acetone

Concen: 246.845 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066358.D

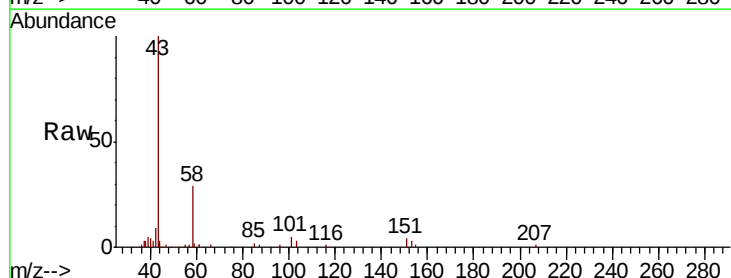
Acq: 21 Aug 2020 14:08

Tgt Ion: 43 Resp: 112160

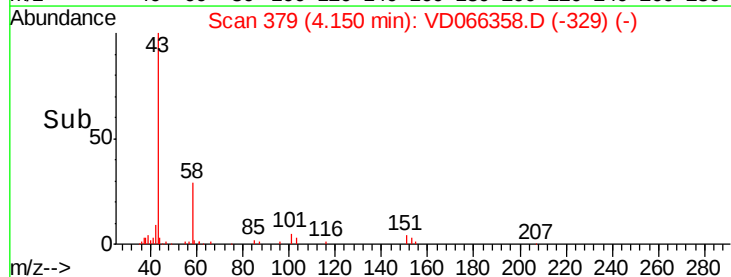
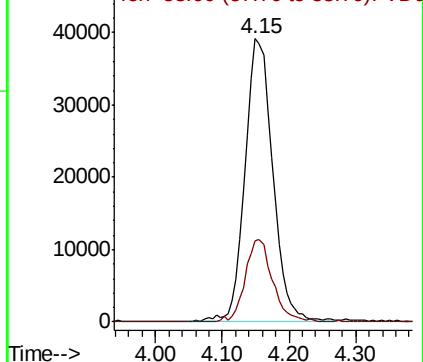
Ion Ratio Lower Upper

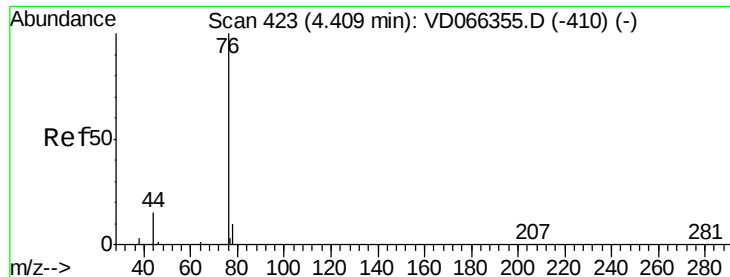
43 100

58 28.8 22.7 34.1



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





#17

Carbon Disulfide

Concen: 50.756 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

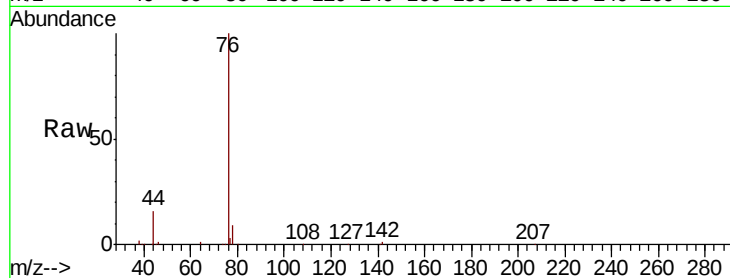
ICVVD082120

Tot Ion: 76 Resp: 322289

Ion Ratio Lower Upper

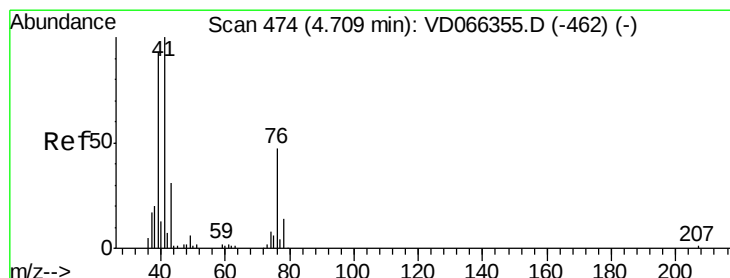
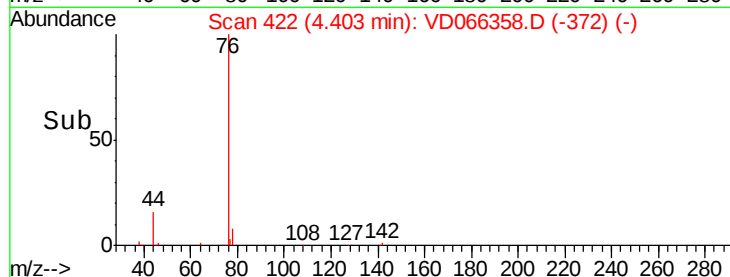
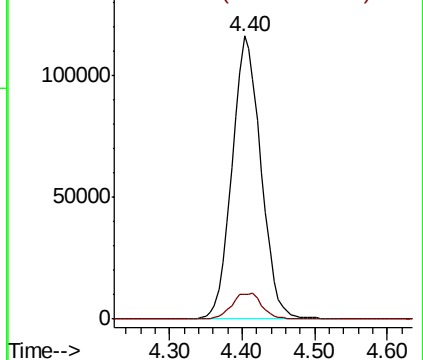
76 100

78 8.8 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 46.948 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066358.D

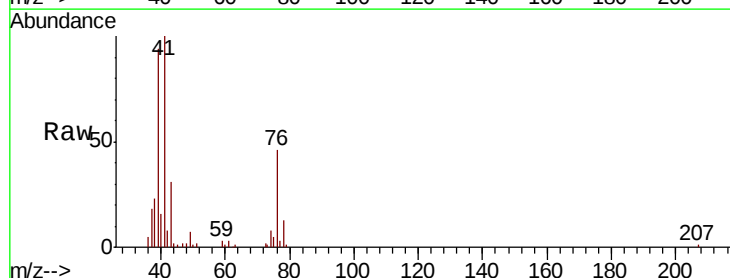
Acq: 21 Aug 2020 14:08

Tgt Ion: 43 Resp: 40037

Ion Ratio Lower Upper

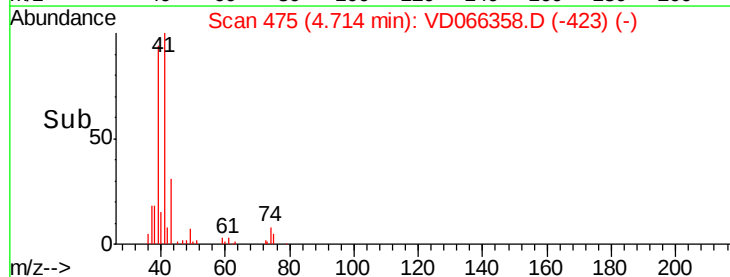
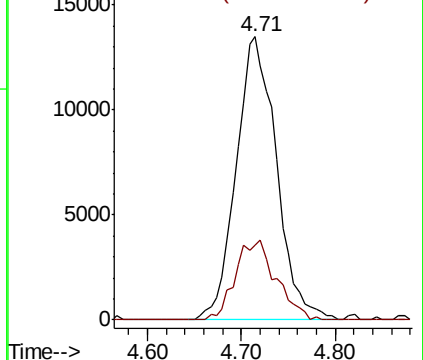
43 100

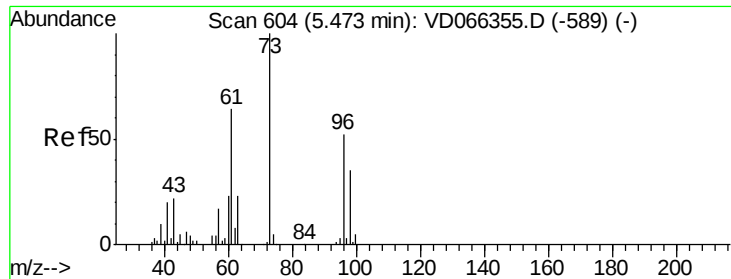
74 28.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

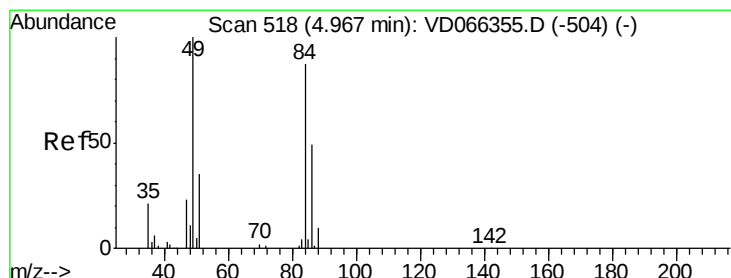
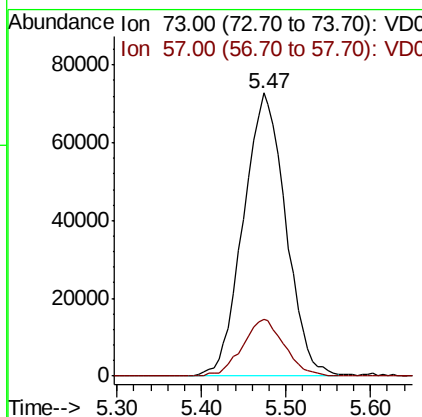
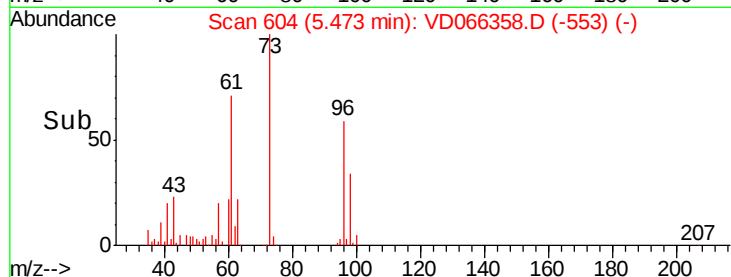
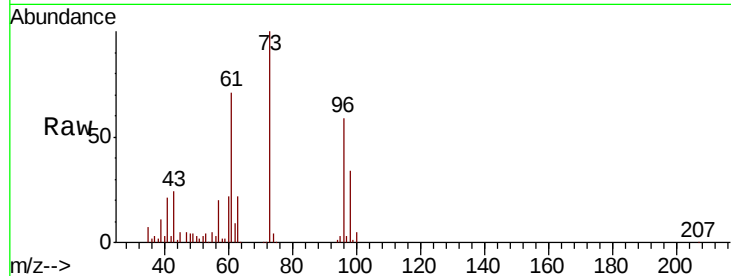




#19
Methyl tert-butyl Ether
Concen: 50.329 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

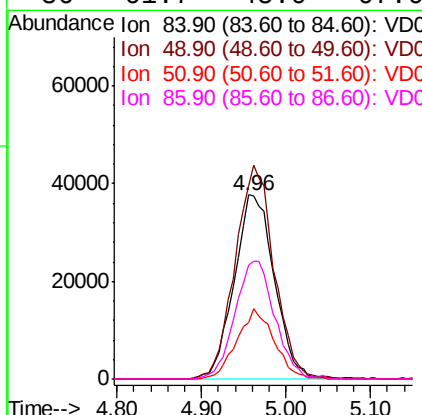
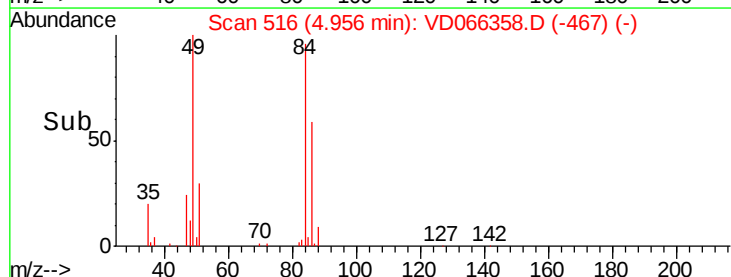
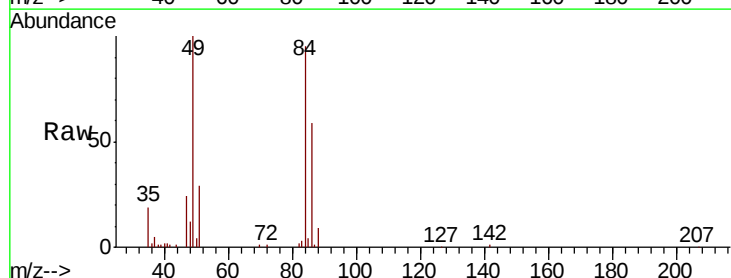
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

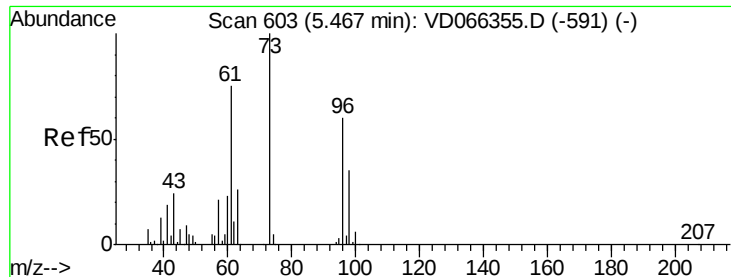
Tot Ion: 73 Resp: 253916
Ion Ratio Lower Upper
73 100
57 20.0 13.8 20.6



#20
Methylene Chloride
Concen: 51.292 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion: 84 Resp: 124144
Ion Ratio Lower Upper
84 100
49 105.2 92.5 138.7
51 30.8 32.5 48.7#
86 61.7 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 50.882 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

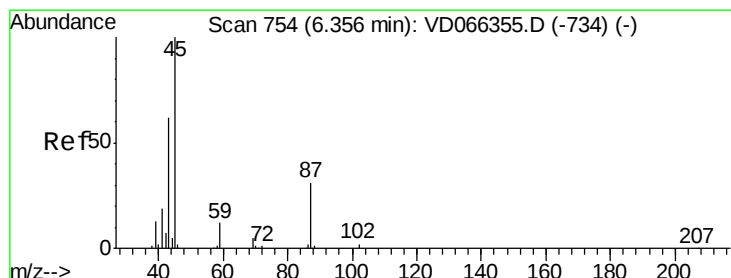
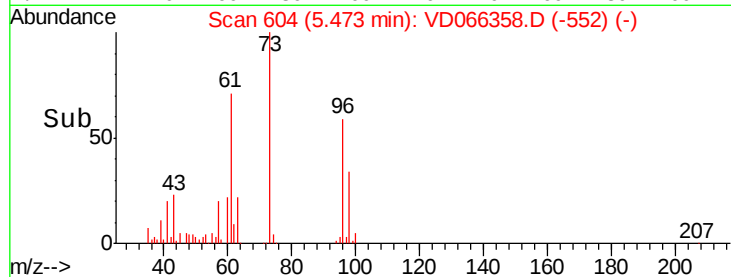
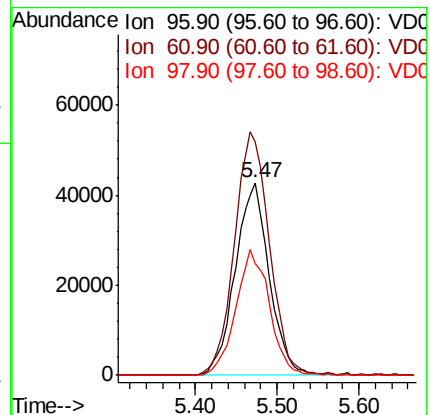
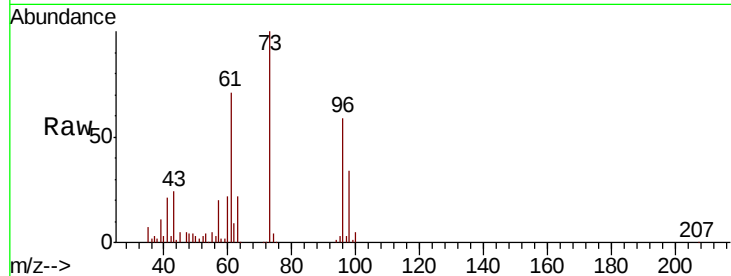
Tot Ion: 96 Resp: 124099

Ion Ratio Lower Upper

96 100

61 121.3 101.1 151.7

98 58.2 47.0 70.6



#22

Diisopropyl ether

Concen: 51.783 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Tgt Ion: 45 Resp: 280383

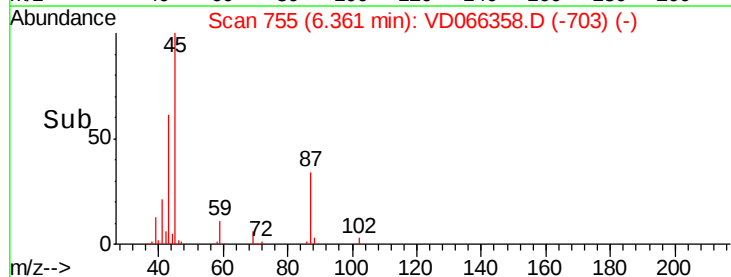
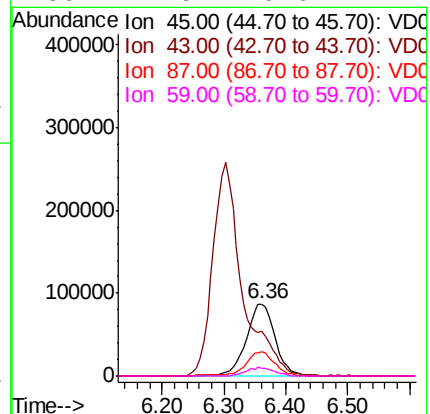
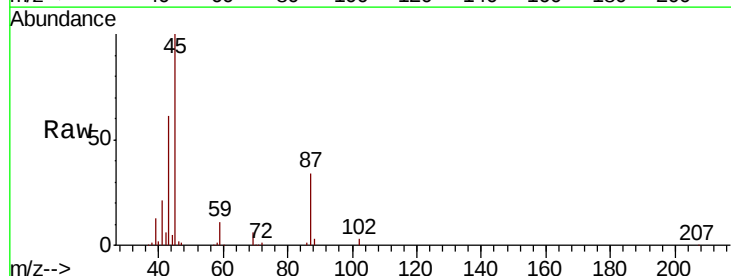
Ion Ratio Lower Upper

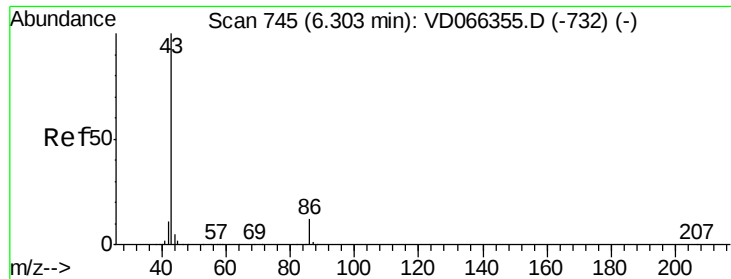
45 100

43 60.9 49.8 74.8

87 33.6 25.0 37.6

59 11.5 9.6 14.4





#23

Vinyl Acetate

Concen: 255.638 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

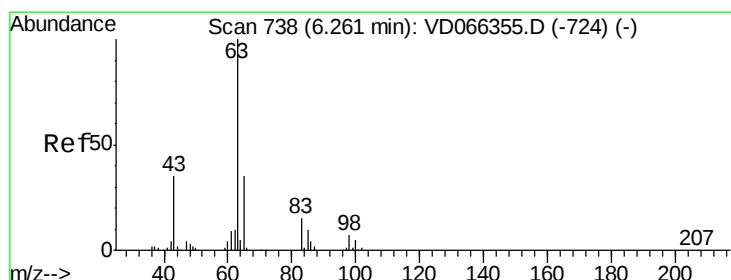
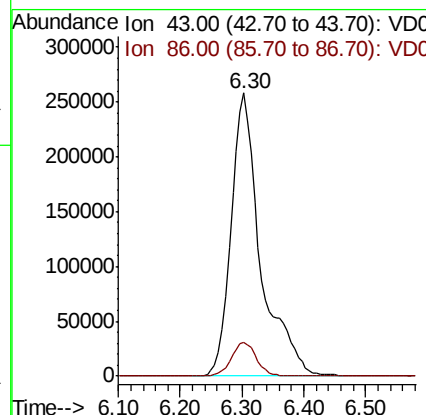
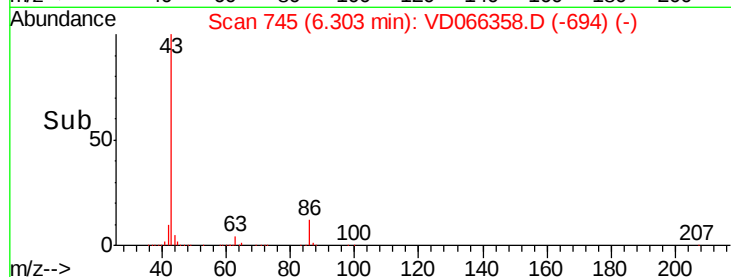
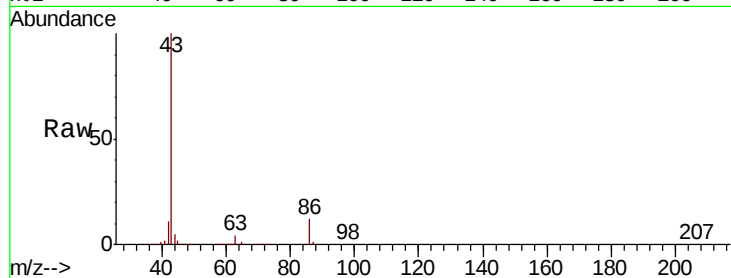
ICVVD082120

Tot Ion: 43 Resp: 856883

Ion Ratio Lower Upper

43 100

86 12.1 9.4 14.0



#24

1,1-Dichloroethane

Concen: 50.421 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

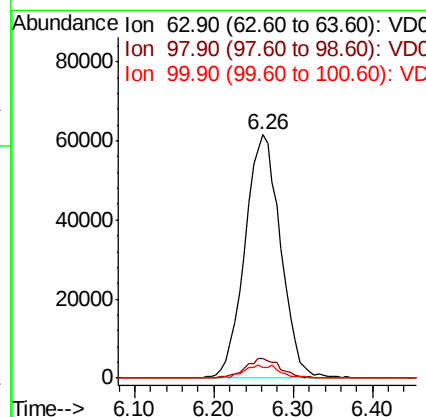
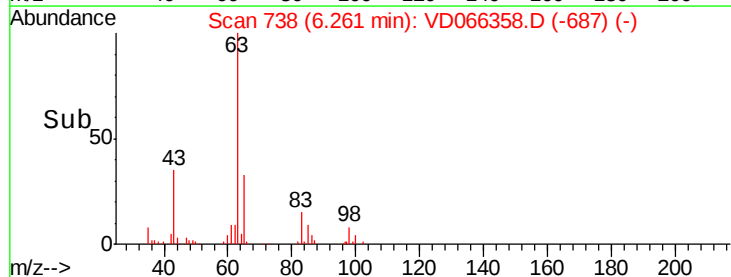
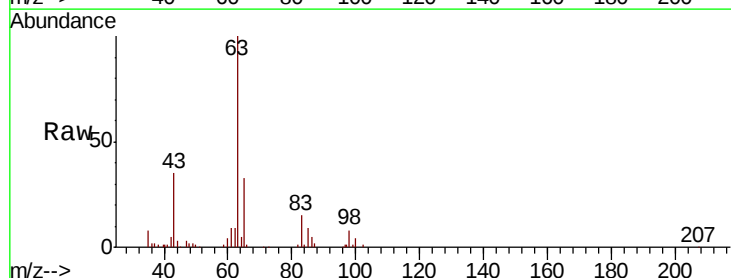
Tgt Ion: 63 Resp: 192929

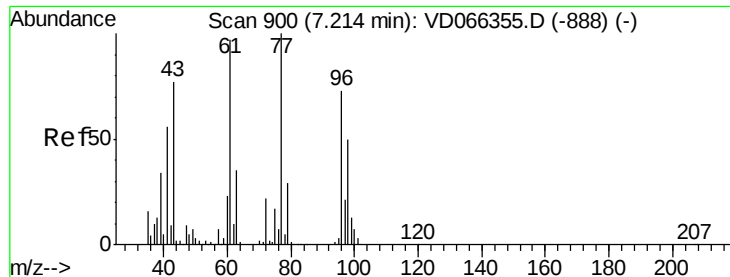
Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.6

100 4.5 2.5 7.6





#25

2-Butanone

Concen: 249.774 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

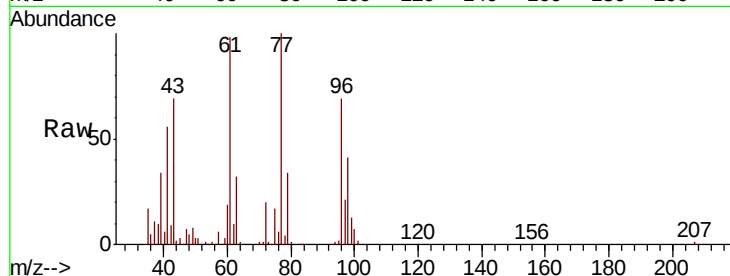
ICVVD082120

Tot Ion: 43 Resp: 128840

Ion Ratio Lower Upper

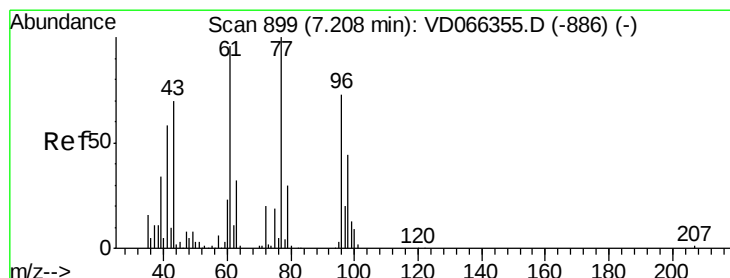
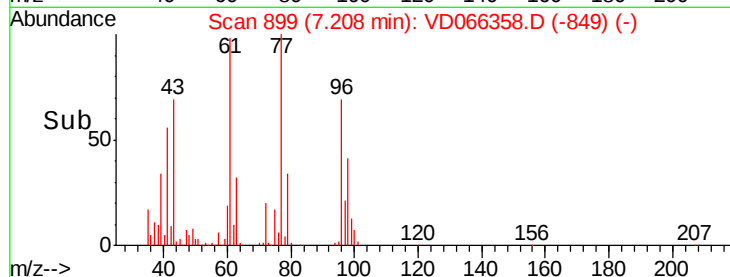
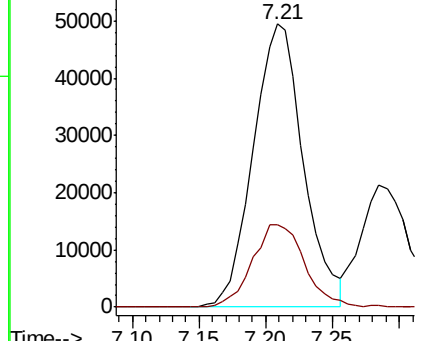
43 100

72 29.0 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 50.997 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066358.D

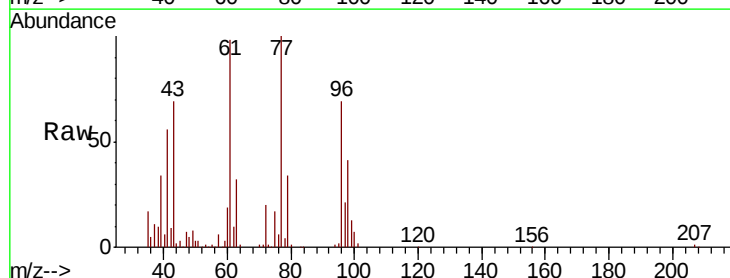
Acq: 21 Aug 2020 14:08

Tgt Ion: 77 Resp: 209140

Ion Ratio Lower Upper

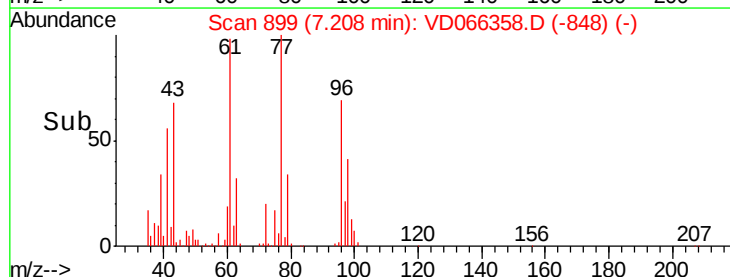
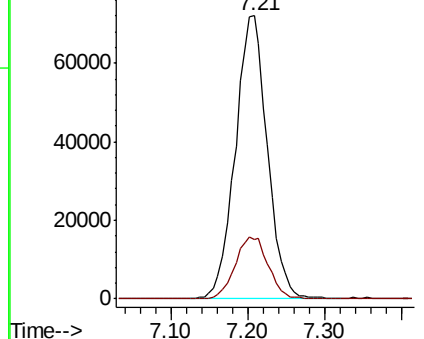
77 100

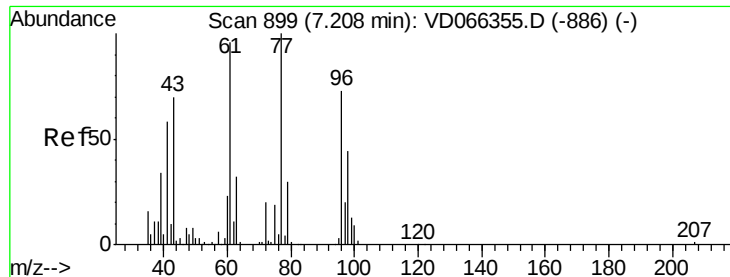
97 22.5 10.7 31.9



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: 50.424 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

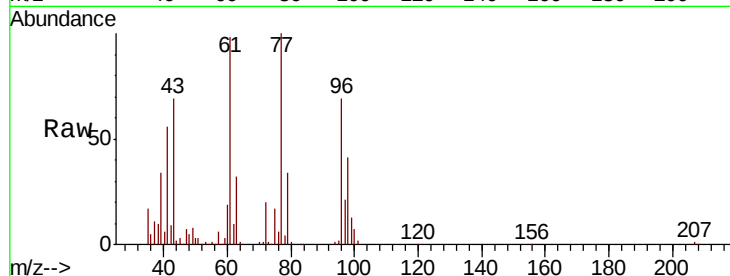
Tot Ion: 96 Resp: 131776

Ion Ratio Lower Upper

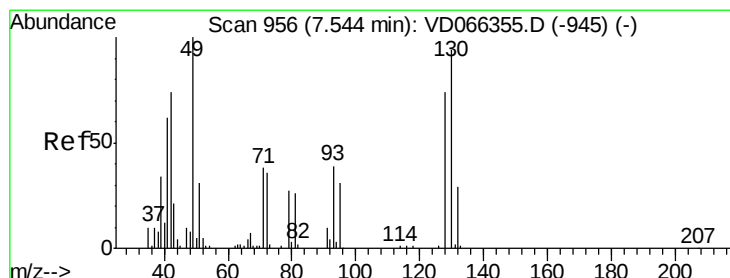
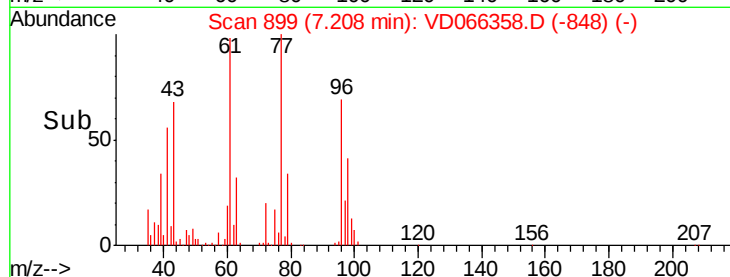
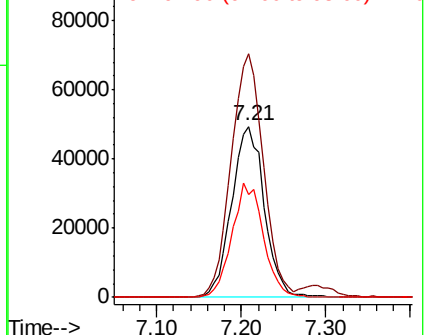
96 100

61 141.1 0.0 281.4

98 64.0 0.0 132.2



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



#28

Bromochloromethane

Concen: 50.900 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

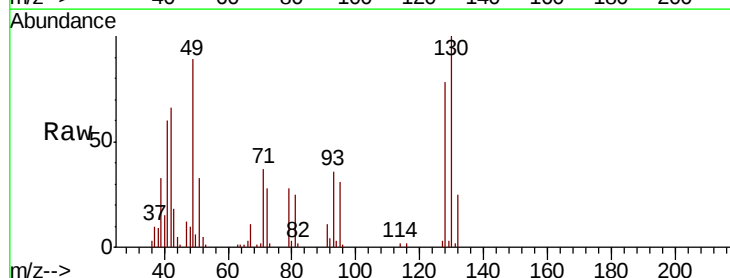
Tgt Ion: 49 Resp: 67087

Ion Ratio Lower Upper

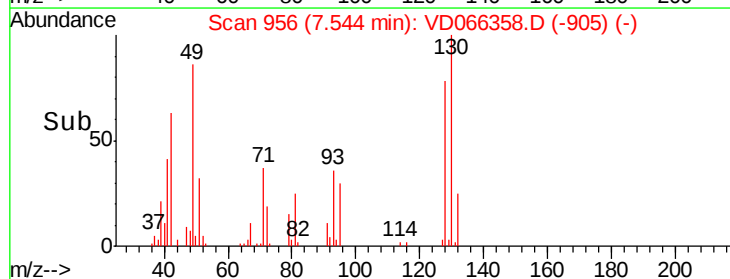
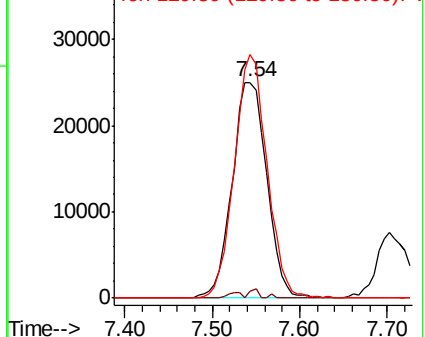
49 100

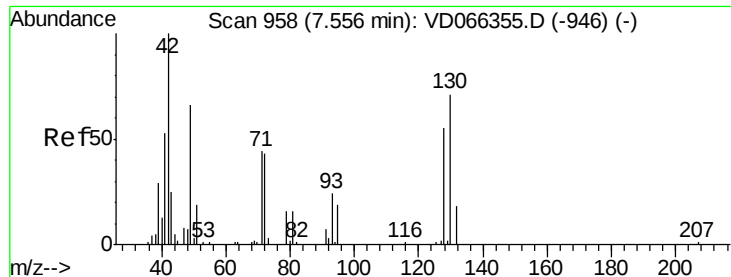
129 1.0 0.0 3.0

130 106.2 82.6 124.0



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

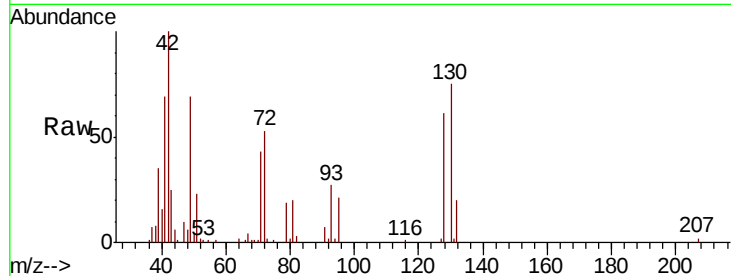




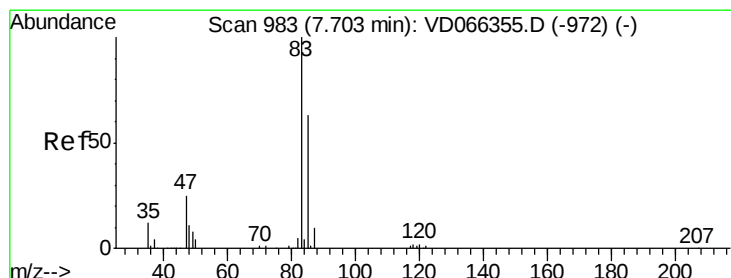
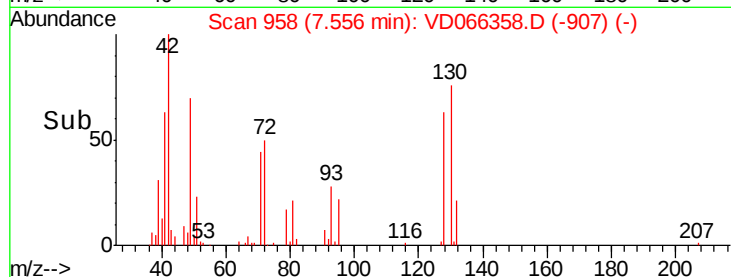
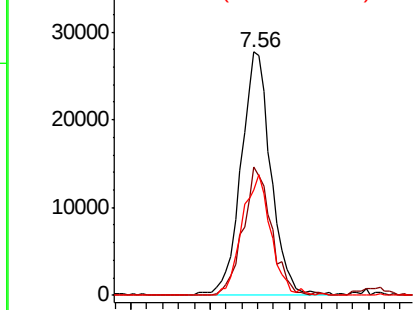
#29
Tetrahydrofuran
Concen: 247.741 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion: 42 Resp: 72584
Ion Ratio Lower Upper
42 100
72 49.8 41.0 61.4
71 47.2 37.2 55.8

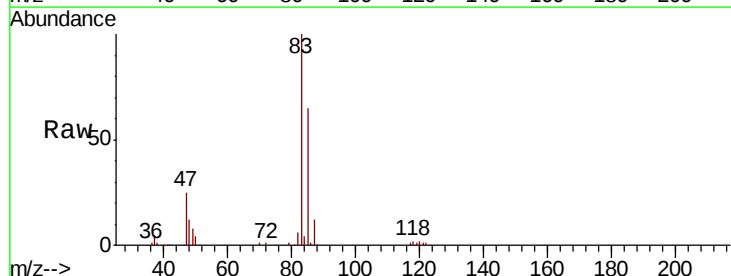


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

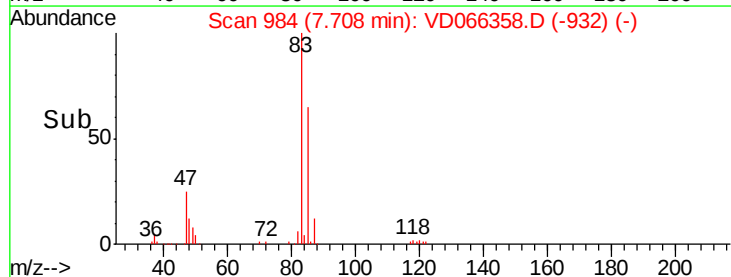
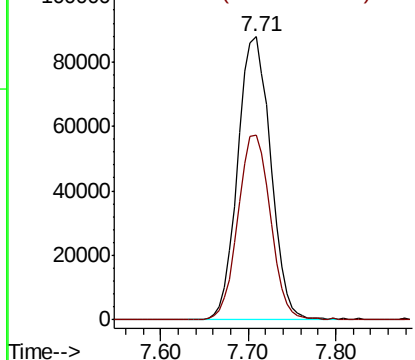


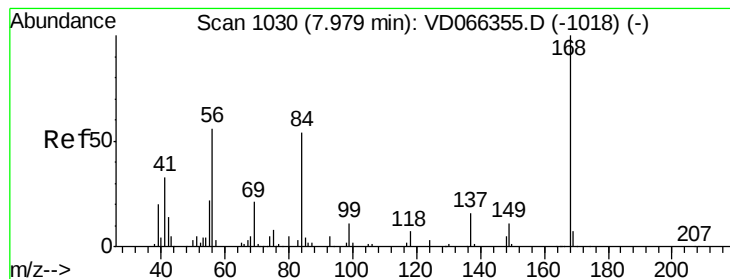
#30
Chloroform
Concen: 50.699 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion: 83 Resp: 224445
Ion Ratio Lower Upper
83 100
85 65.1 50.3 75.5



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





#31

Cyclohexane

Concen: 48.948 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

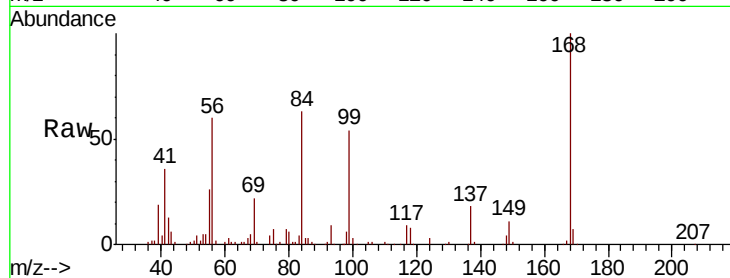
Tot Ion: 56 Resp: 171291

Ion Ratio Lower Upper

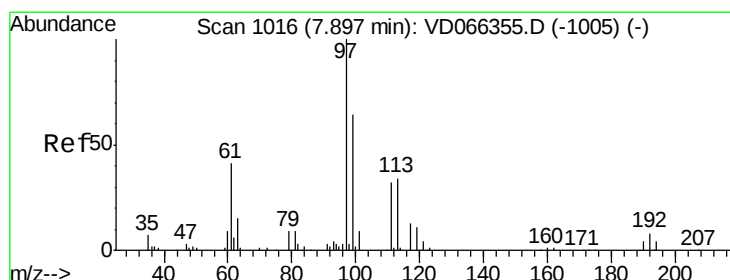
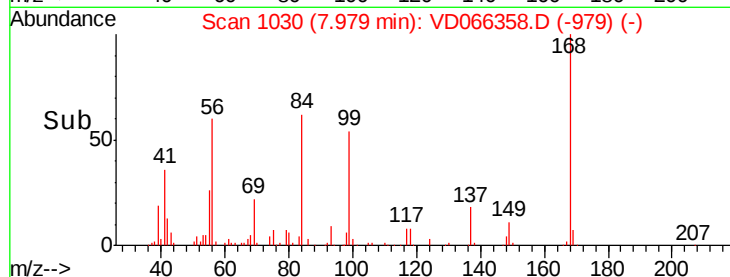
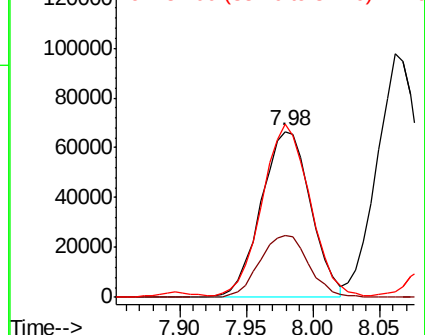
56 100

69 37.1 29.6 44.4

84 102.7 76.6 115.0



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 50.974 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

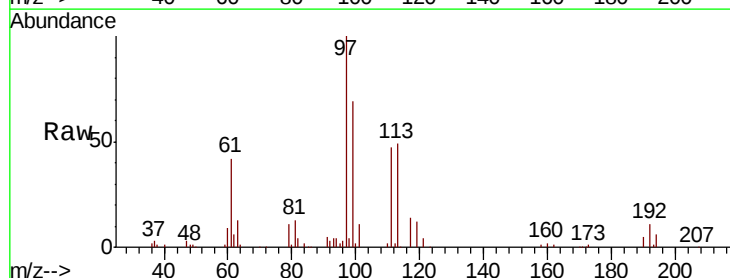
Tgt Ion: 97 Resp: 230958

Ion Ratio Lower Upper

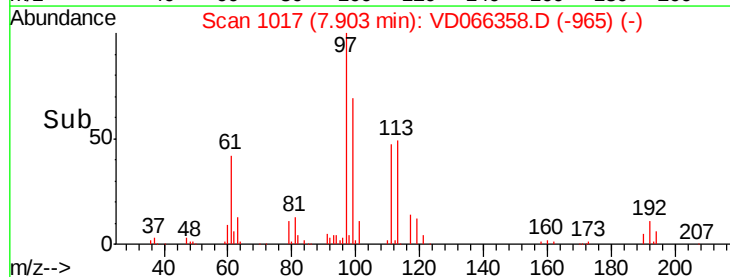
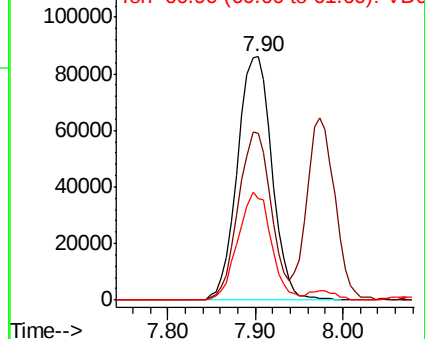
97 100

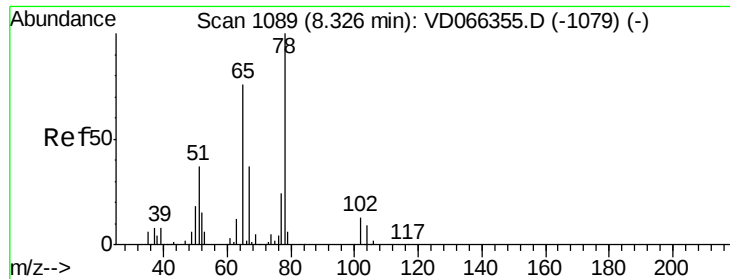
99 65.8 51.5 77.3

61 42.7 33.3 49.9



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

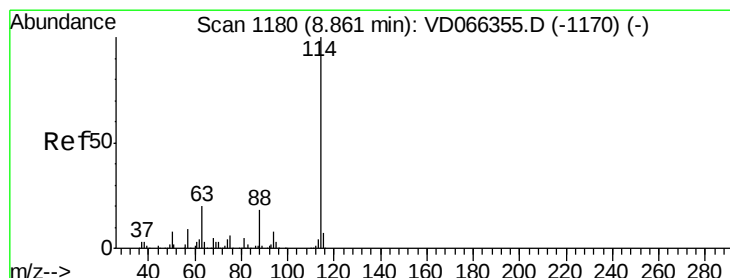
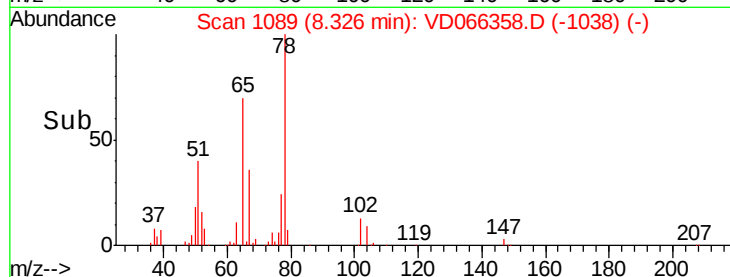
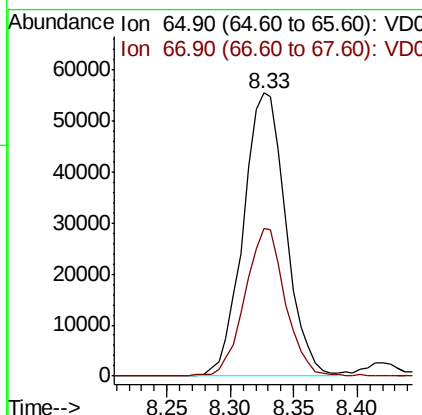
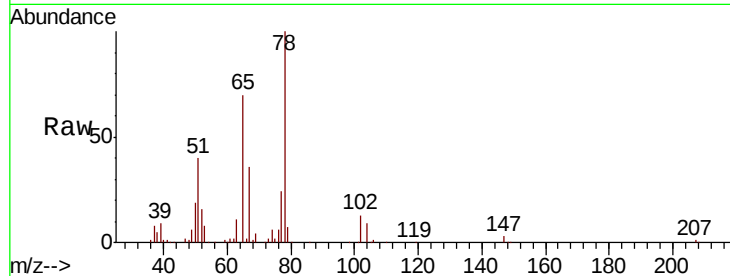




#33
 1,2-Dichloroethane-d4
 Concen: 51.512 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

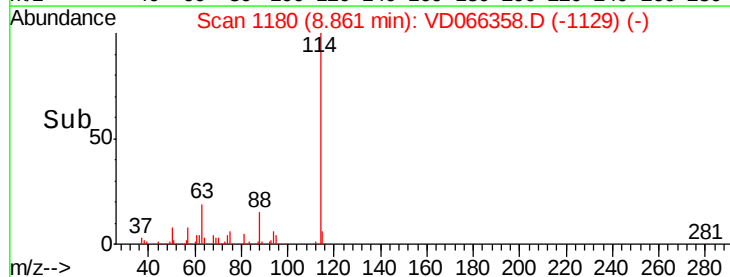
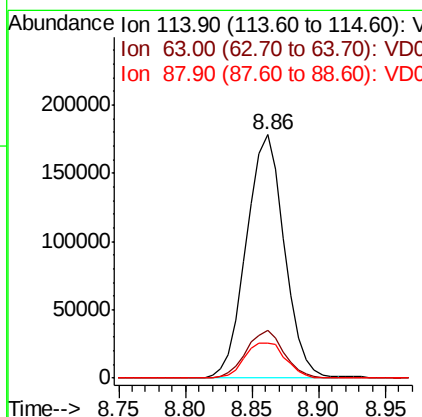
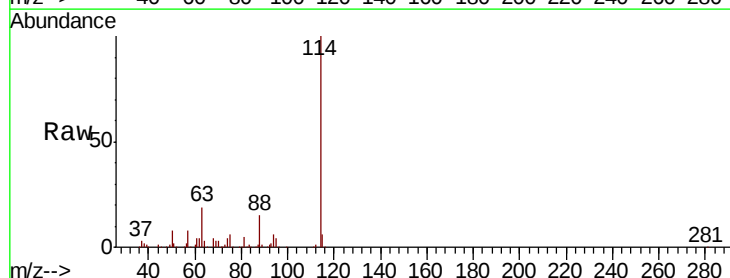
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

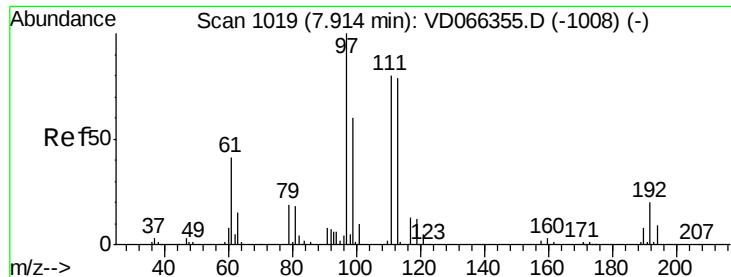
Tot Ion: 65 Resp: 129826
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion: 114 Resp: 350753
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 14.5 0.0 35.4

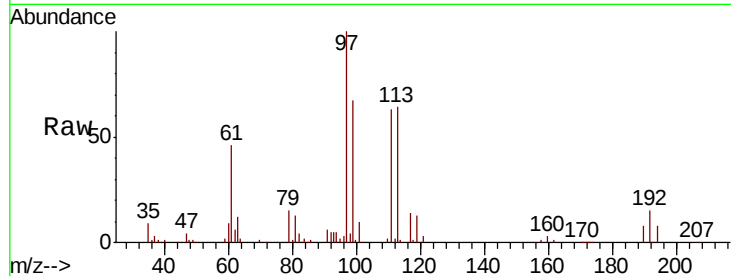




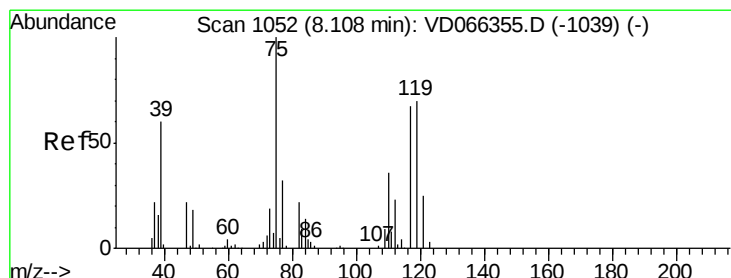
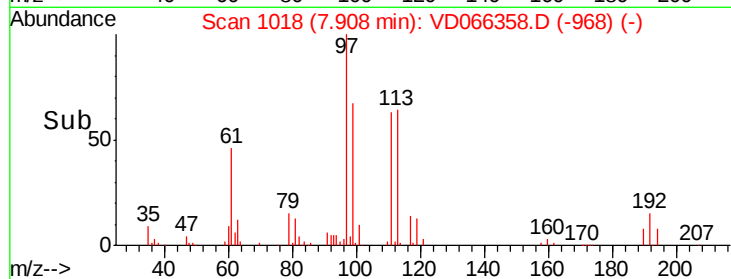
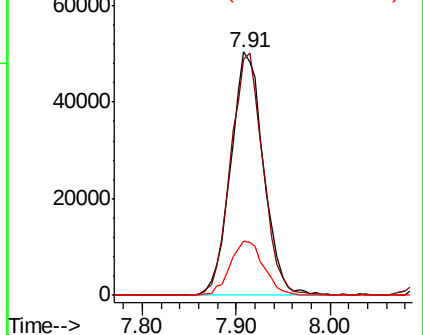
#35
 Dibromofluoromethane
 Concen: 55.465 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Tot Ion:113 Resp: 121650
 Ion Ratio Lower Upper
 113 100
 111 98.1 80.3 120.5
 192 22.8 19.0 28.6

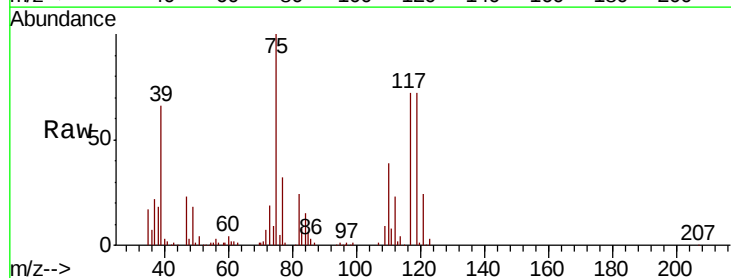


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

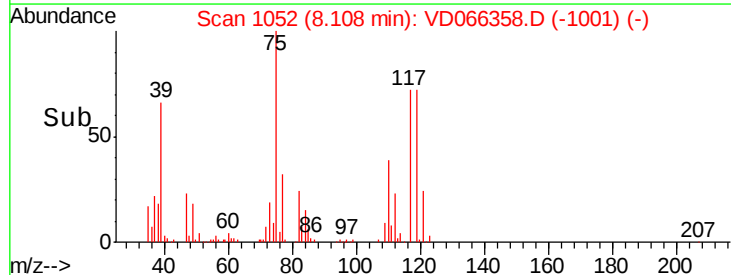
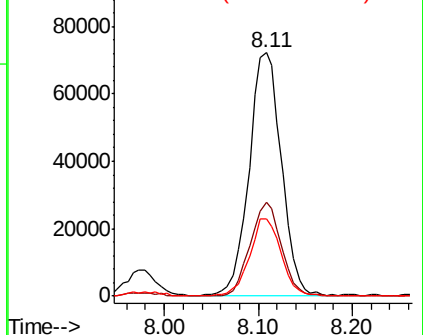


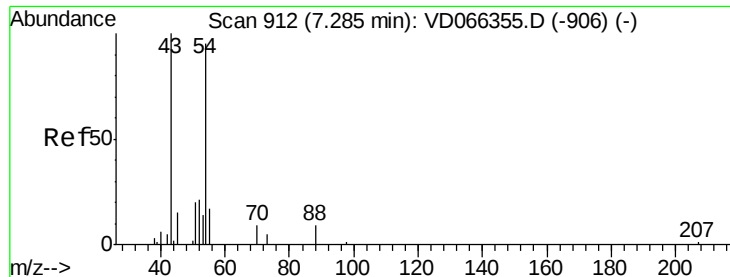
#36
 1,1-Dichloropropene
 Concen: 53.970 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion: 75 Resp: 172725
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.7 56.1
 77 31.0 25.2 37.8



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

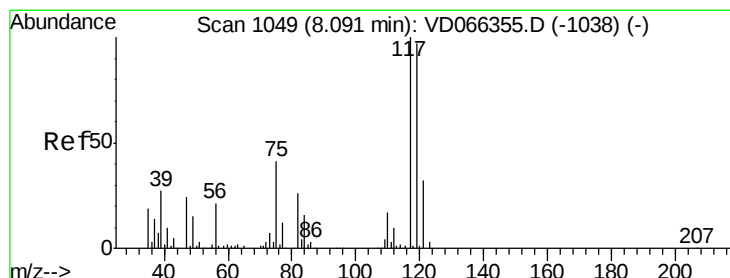
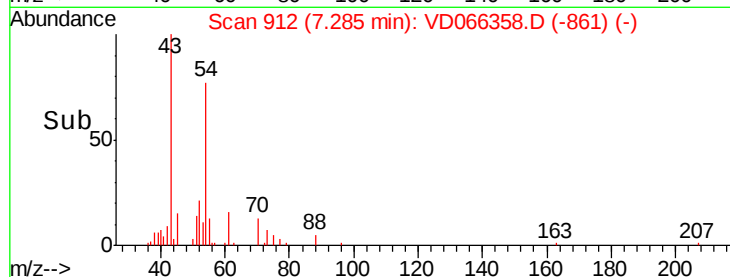
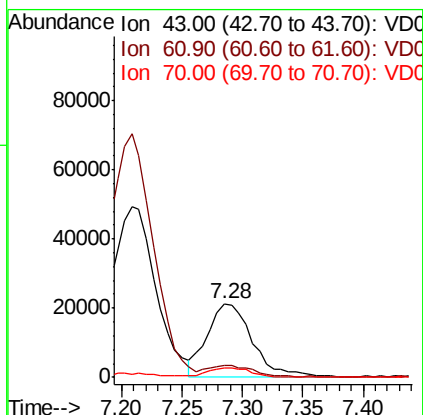
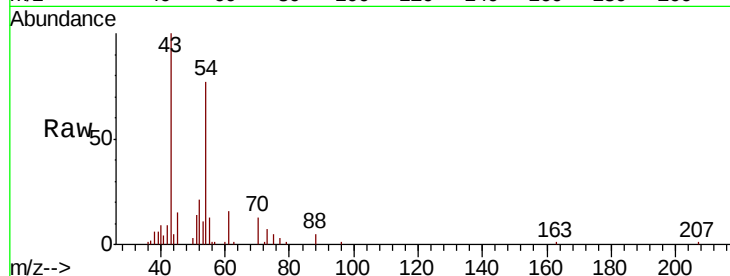




#37
Ethyl Acetate
Concen: 50.762 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

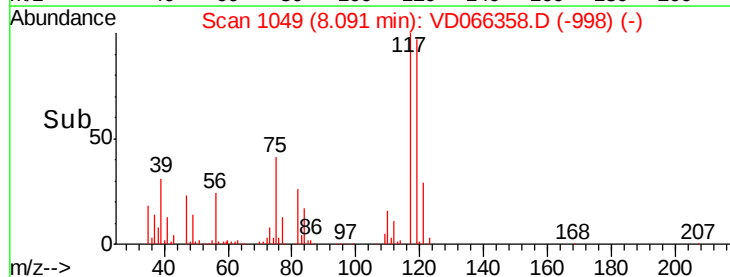
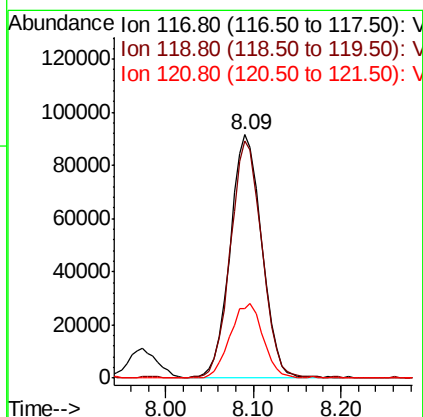
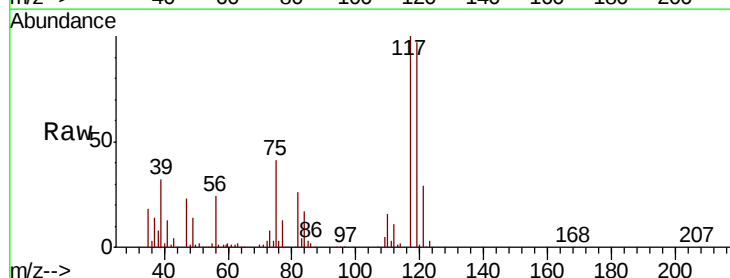
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

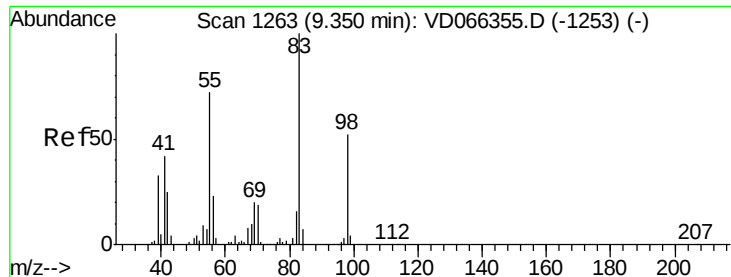
Tot Ion: 43 Resp: 55255
Ion Ratio Lower Upper
43 100
61 17.4 13.3 19.9
70 12.8 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 54.037 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion: 117 Resp: 225312
Ion Ratio Lower Upper
117 100
119 97.4 77.2 115.8
121 28.8 25.8 38.8

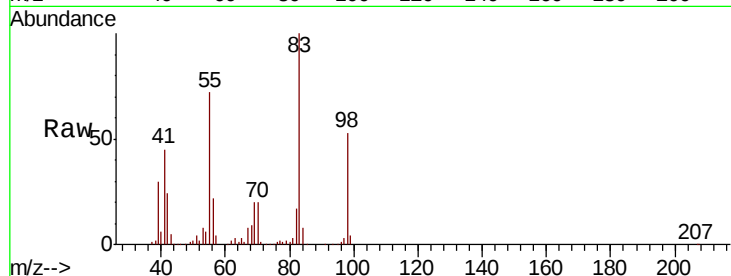




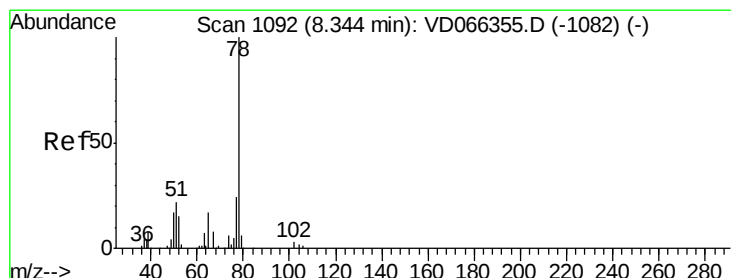
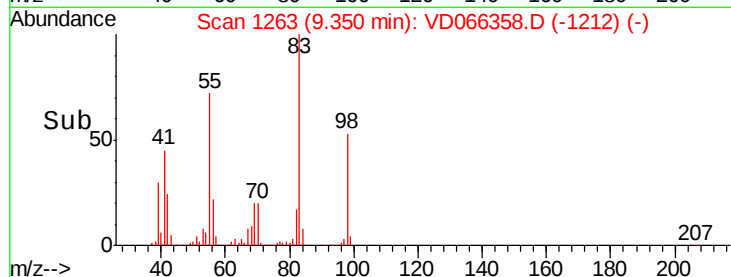
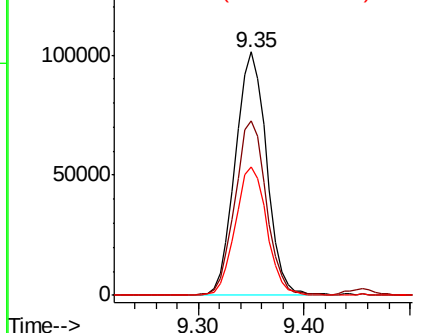
#39
Methvlcvclohexane
Concen: 55.139 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion: 83 Resp: 207873
Ion Ratio Lower Upper
83 100
55 71.7 58.0 87.0
98 52.5 41.9 62.9

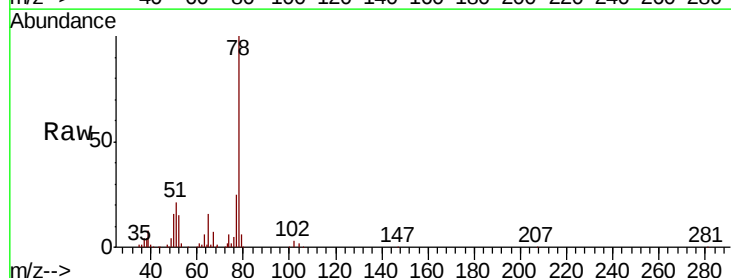


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

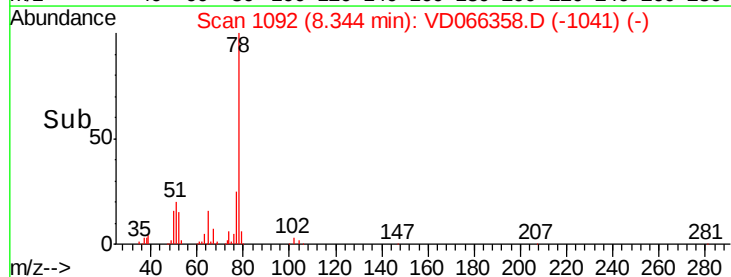
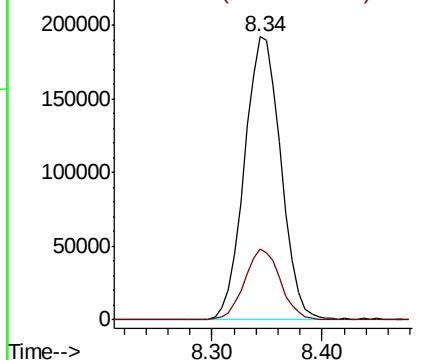


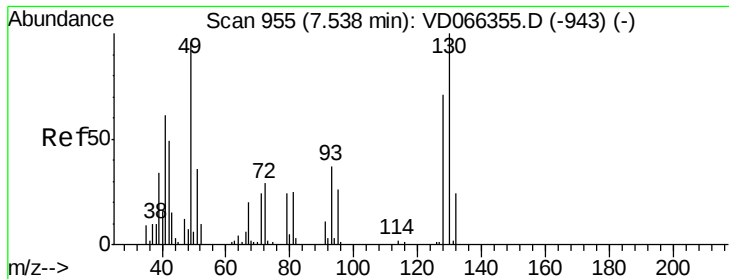
#40
Benzene
Concen: 53.102 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion: 78 Resp: 447082
Ion Ratio Lower Upper
78 100
77 25.2 18.8 28.2



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





#41

Methacrylonitrile

Concen: 46.986 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

Tot Ion: 41 Resp: 31540

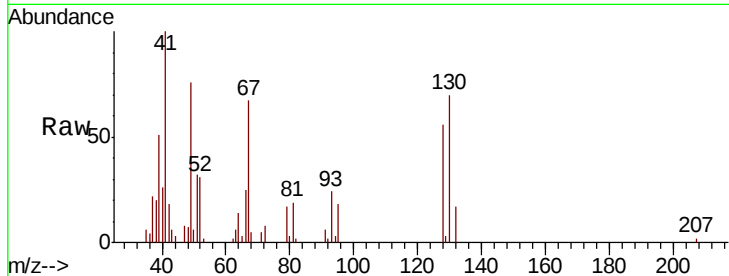
Ion Ratio Lower Upper

41 100

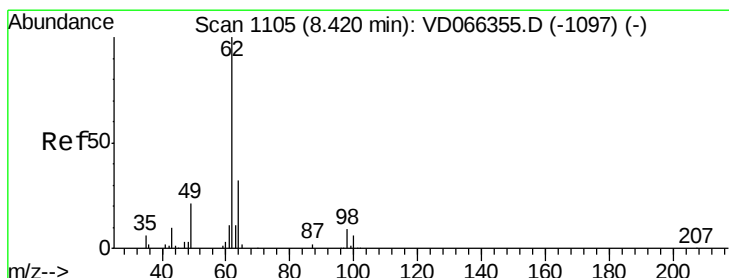
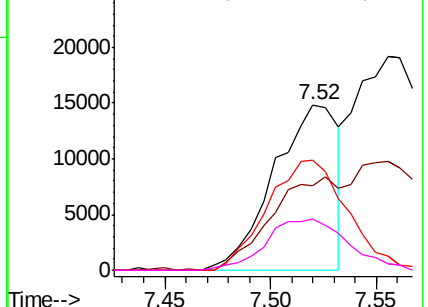
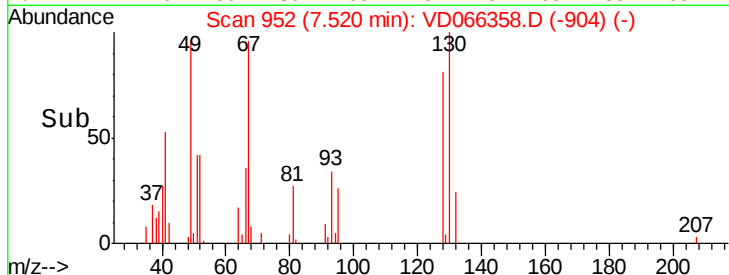
39 58.2 51.8 77.8

67 81.9 0.0 0.0#

52 39.1 0.0 0.0#



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: 52.344 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066358.D

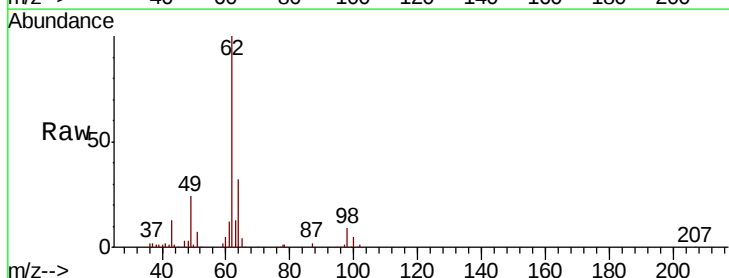
Acq: 21 Aug 2020 14:08

Tgt Ion: 62 Resp: 155215

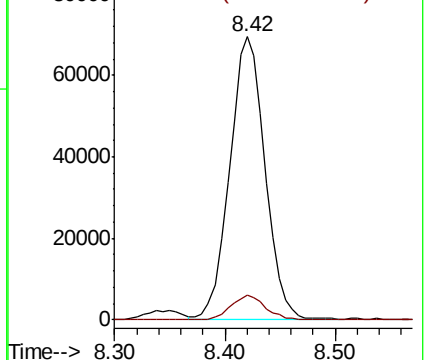
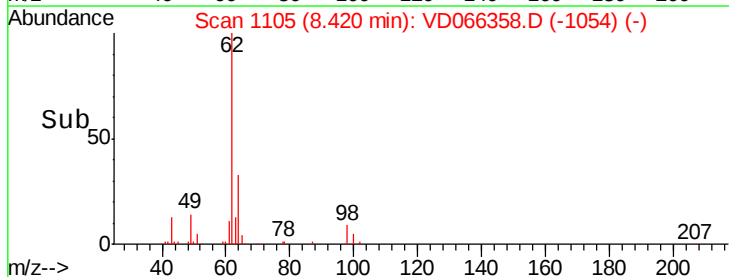
Ion Ratio Lower Upper

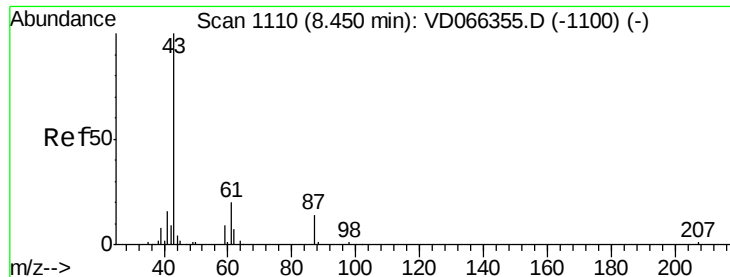
62 100

98 8.5 0.0 16.2



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





#43

Isopropyl Acetate

Concen: 50.604 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

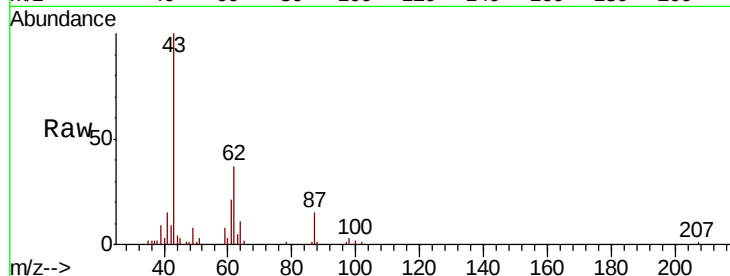
Tot Ion: 43 Resp: 110559

Ion Ratio Lower Upper

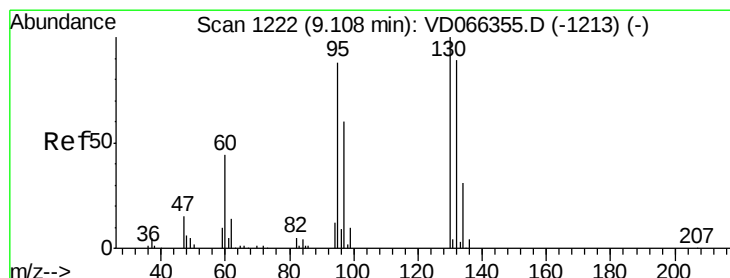
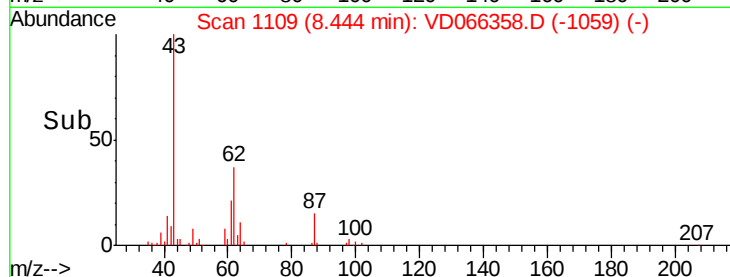
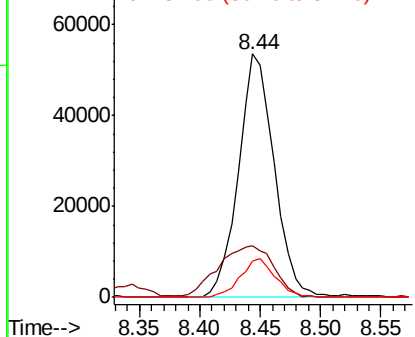
43 100

61 32.9 26.5 39.7

87 15.6 11.9 17.9



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: 53.996 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066358.D

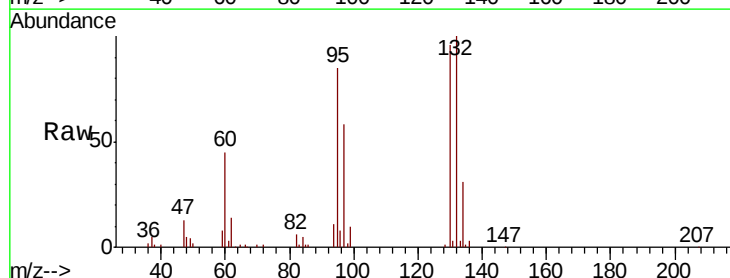
Acq: 21 Aug 2020 14:08

Tgt Ion: 130 Resp: 147718

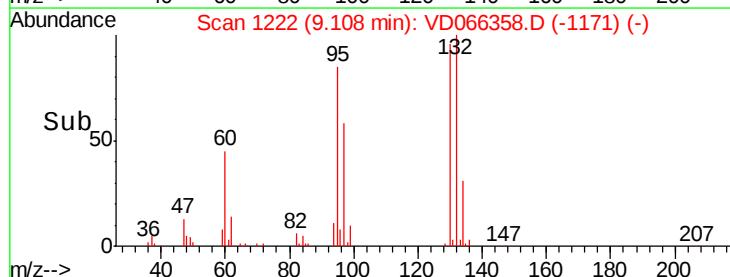
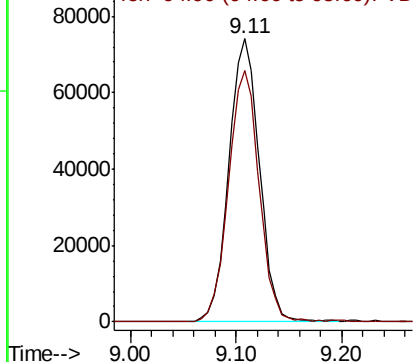
Ion Ratio Lower Upper

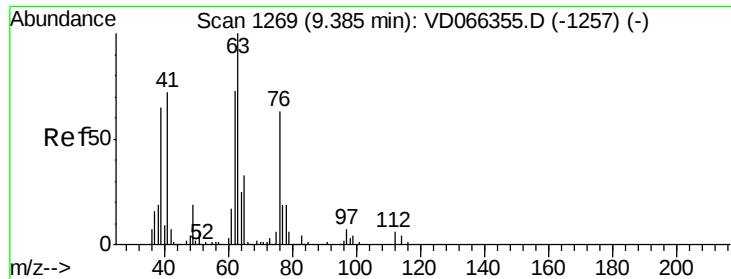
130 100

95 88.8 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 55.067 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

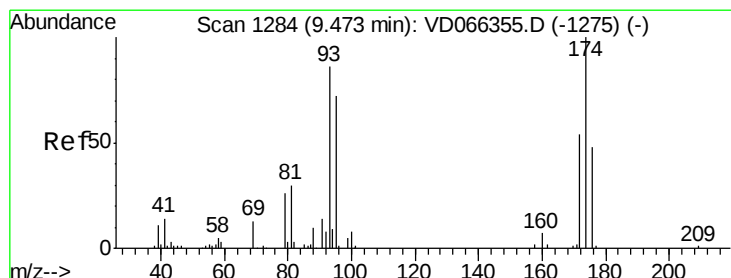
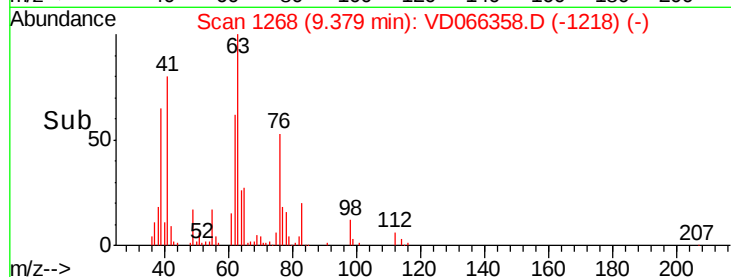
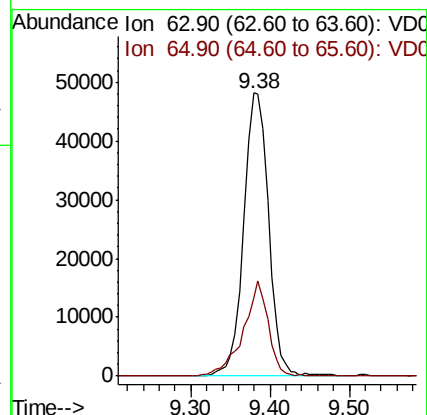
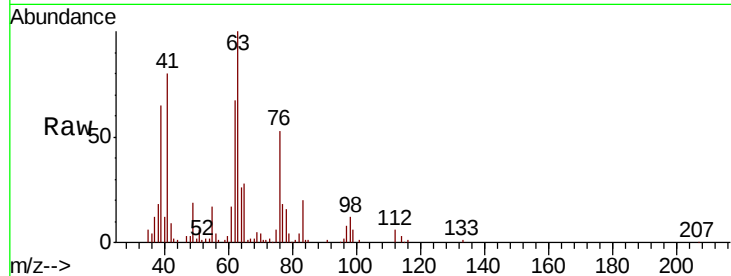
ICVVD082120

Tot Ion: 63 Resp: 105106

Ion Ratio Lower Upper

63 100

65 27.7 26.4 39.6



#46

Dibromomethane

Concen: 52.109 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

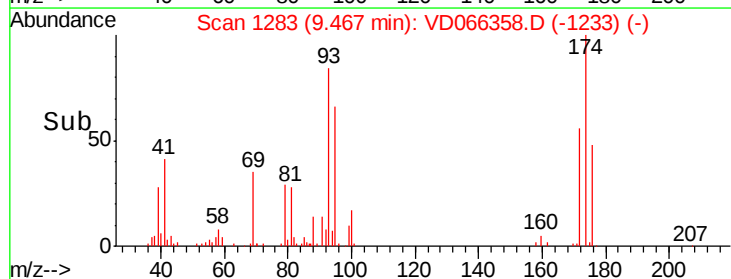
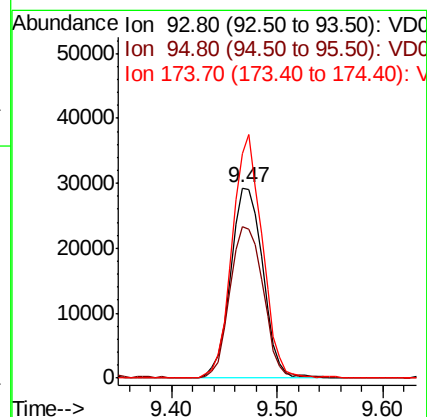
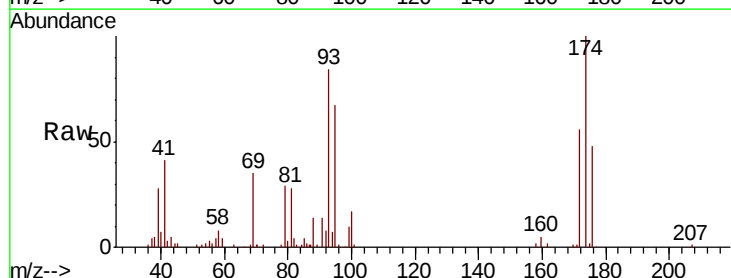
Tgt Ion: 93 Resp: 61926

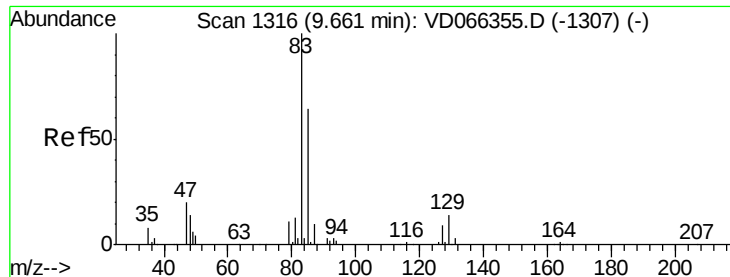
Ion Ratio Lower Upper

93 100

95 82.2 66.0 99.0

174 118.5 94.6 141.8

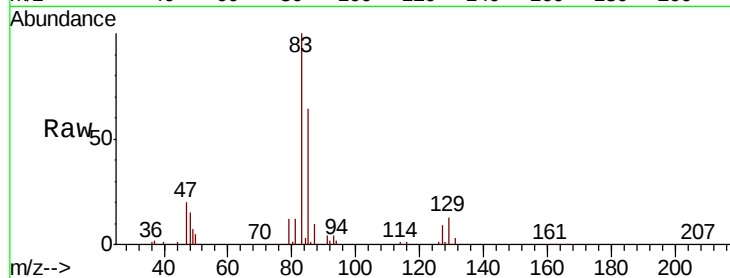




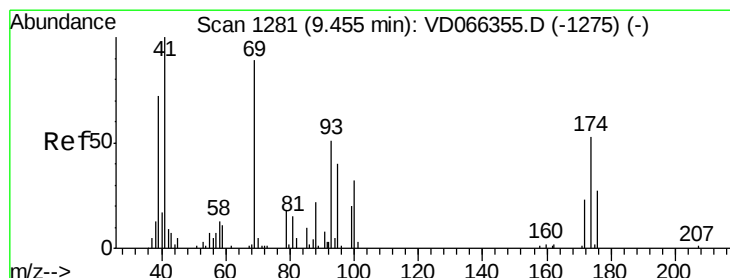
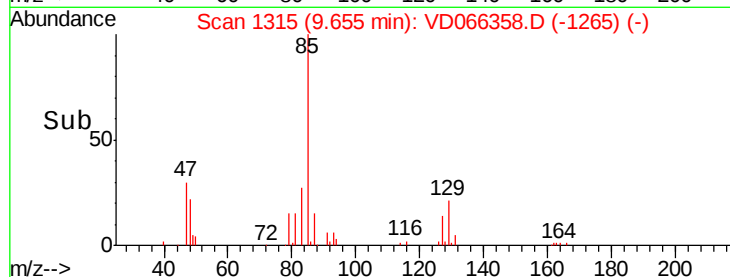
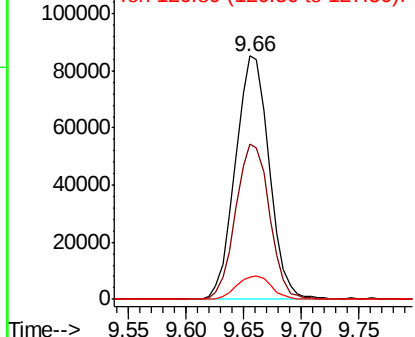
#47
Bromodichloromethane
Concen: 53.089 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion: 83 Resp: 173502
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0
127 9.0 7.4 11.0

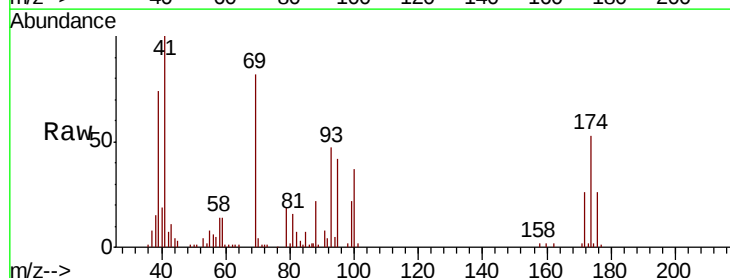


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V

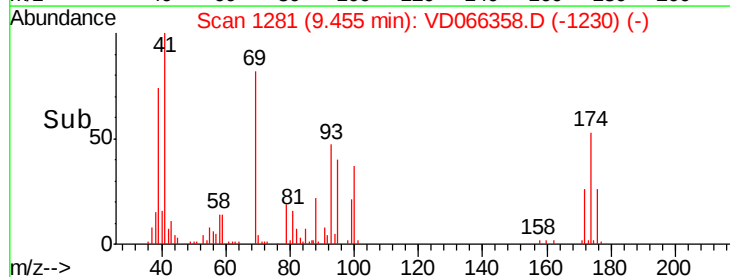
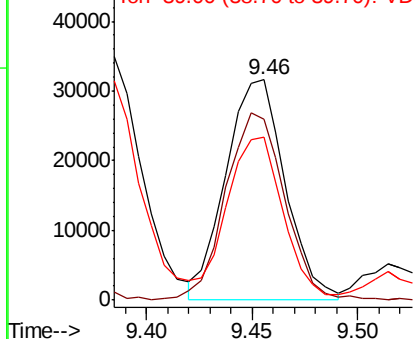


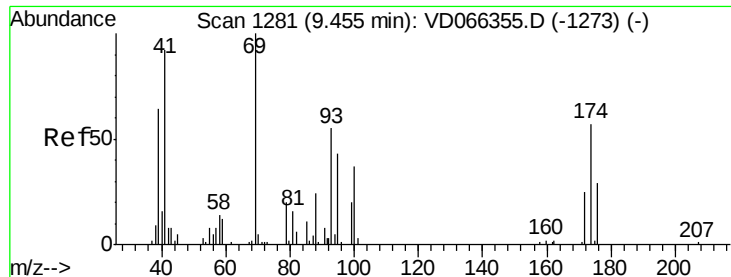
#48
Methyl methacrylate
Concen: 54.403 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion: 41 Resp: 61292
Ion Ratio Lower Upper
41 100
69 85.4 75.5 113.3
39 65.8 57.0 85.4



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

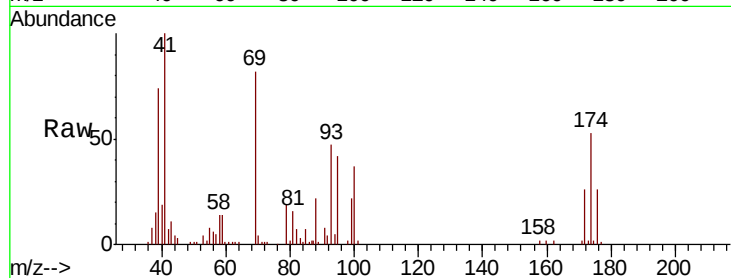




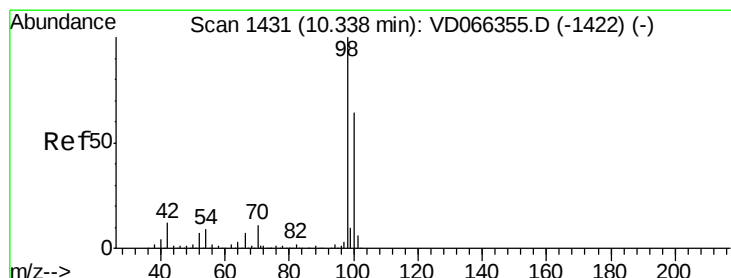
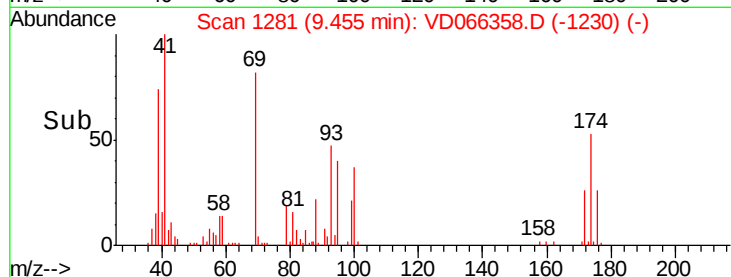
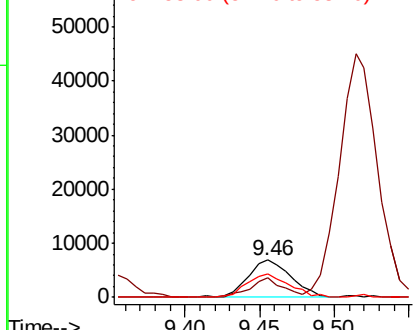
#49
1,4-Dioxane
Concen: 996.226 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion: 88 Resp: 13747
Ion Ratio Lower Upper
88 100
43 40.0 29.4 44.0
58 63.2 45.4 68.2

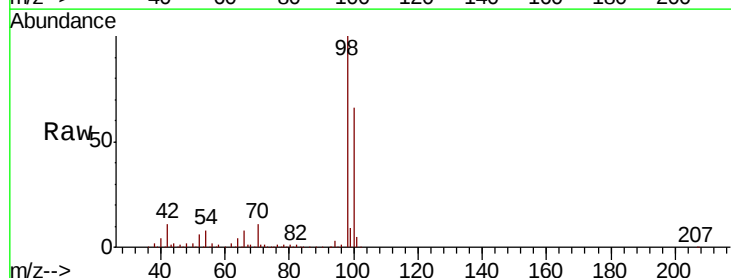


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

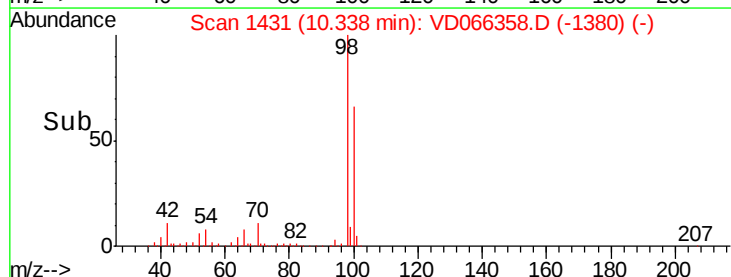
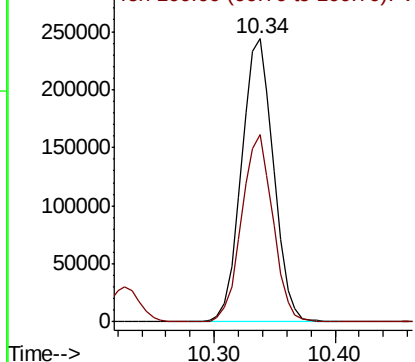


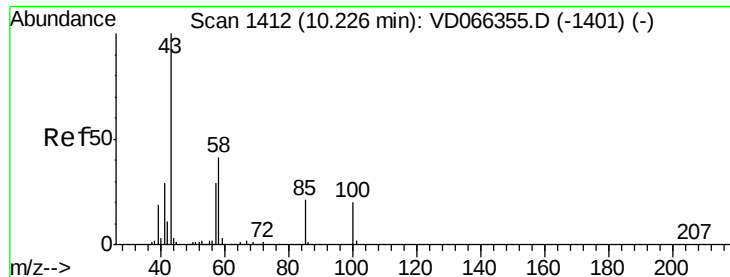
#50
Toluene-d8
Concen: 56.305 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion: 98 Resp: 451845
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 263.203 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

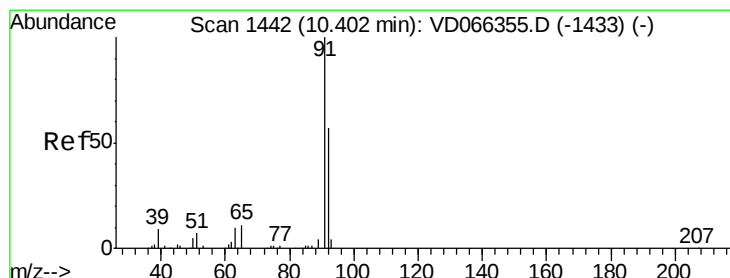
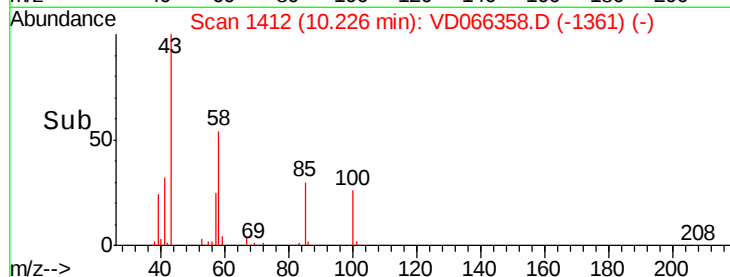
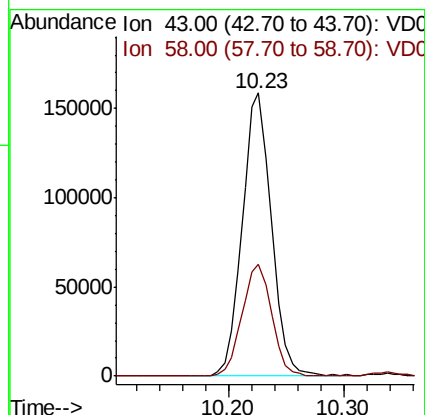
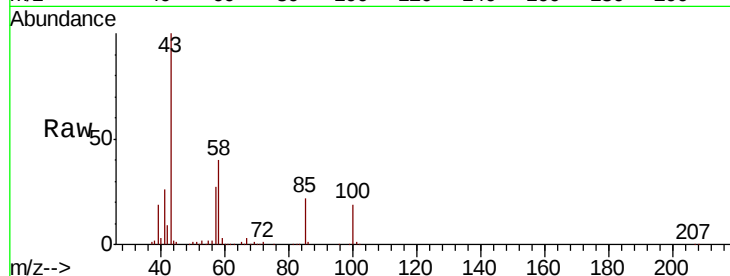
ICVVD082120

Tot Ion: 43 Resp: 278182

Ion Ratio Lower Upper

43 100

58 40.4 31.4 47.2



#52

Toluene

Concen: 53.957 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066358.D

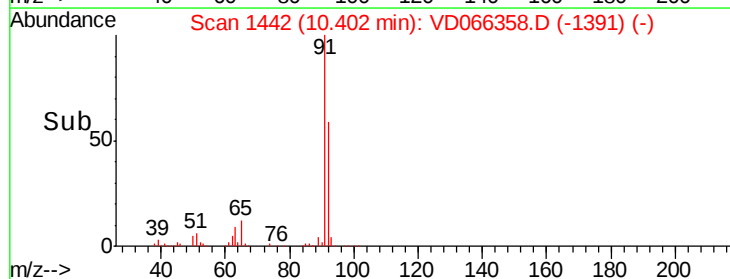
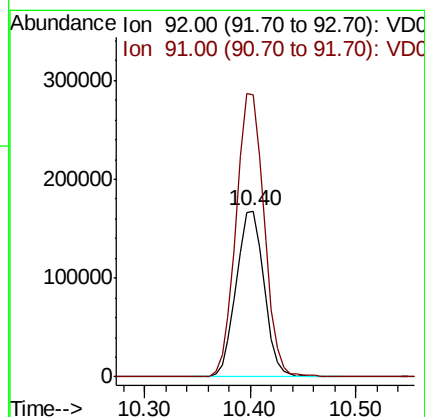
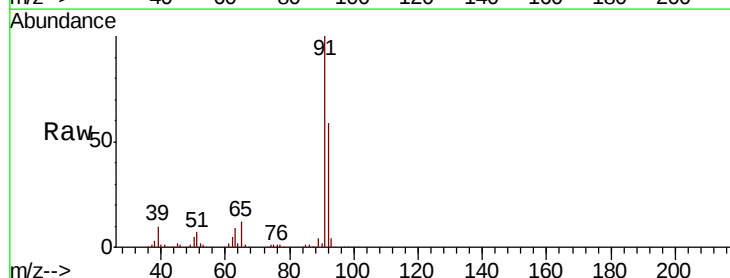
Acq: 21 Aug 2020 14:08

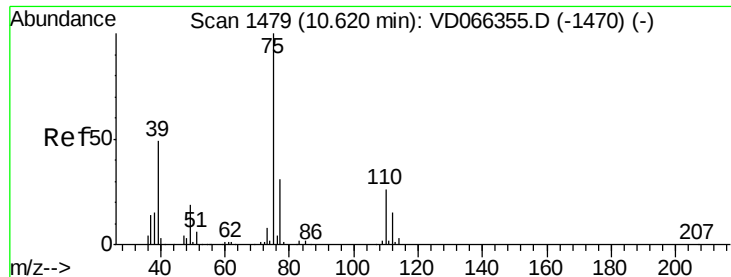
Tgt Ion: 92 Resp: 307771

Ion Ratio Lower Upper

92 100

91 171.7 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 53.631 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

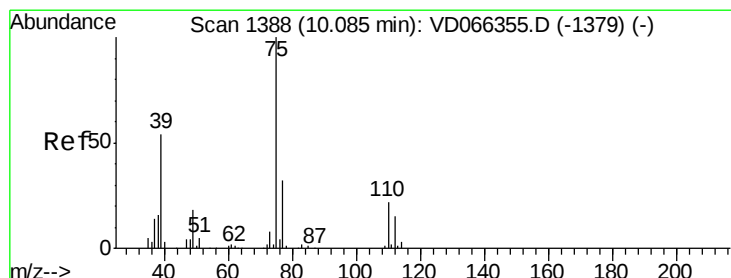
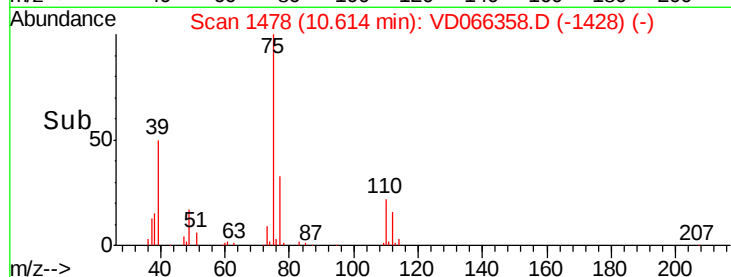
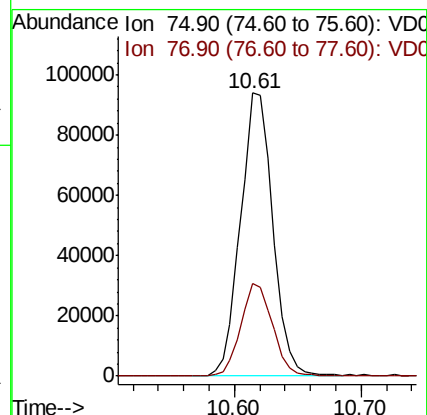
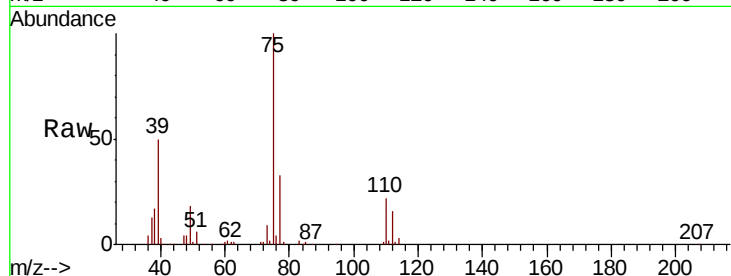
ICVVD082120

Tot Ion: 75 Resp: 166314

Ion Ratio Lower Upper

75 100

77 32.8 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 53.197 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

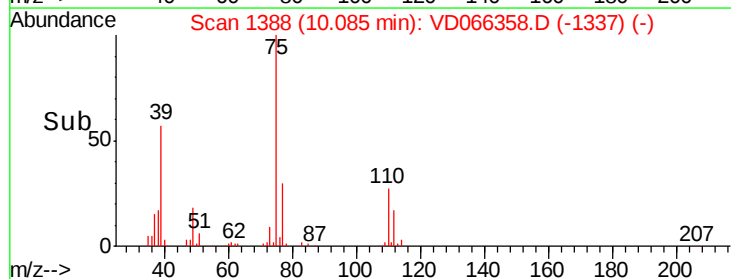
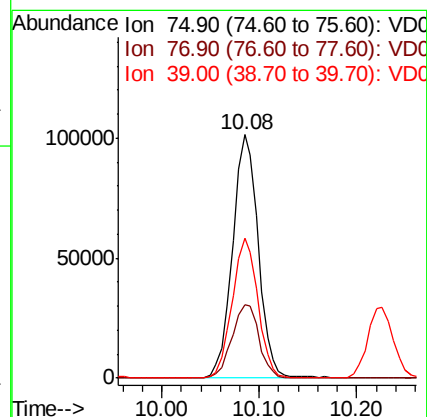
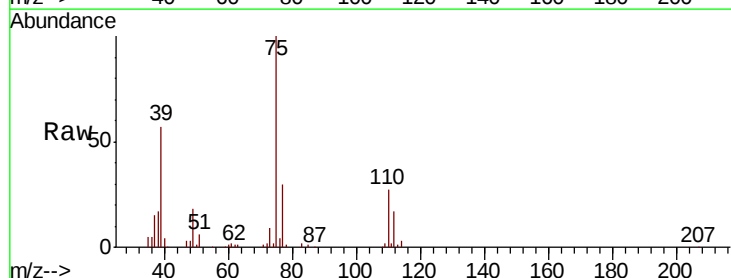
Tgt Ion: 75 Resp: 185167

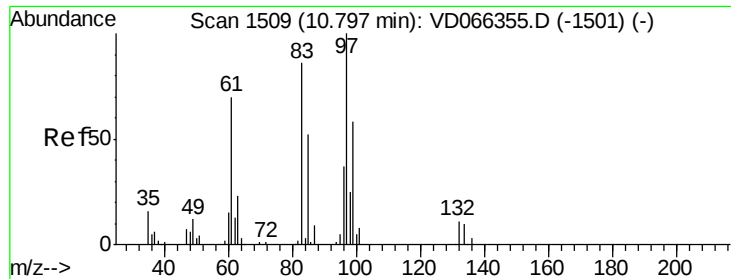
Ion Ratio Lower Upper

75 100

77 30.3 25.6 38.4

39 57.3 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 50.631 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

Tot Ion: 97 Resp: 81456

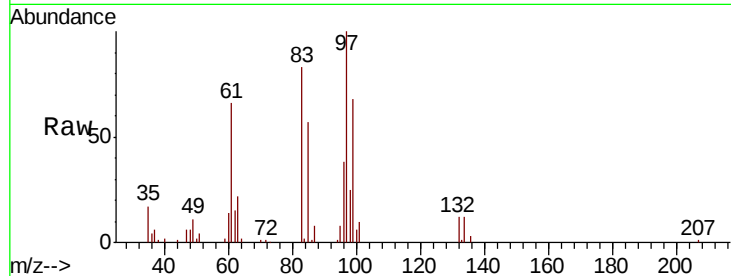
Ion Ratio Lower Upper

97 100

83 82.7 68.4 102.6

85 56.7 41.3 61.9

99 68.0 46.1 69.1

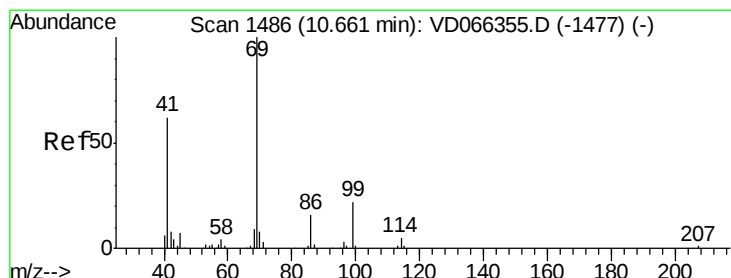
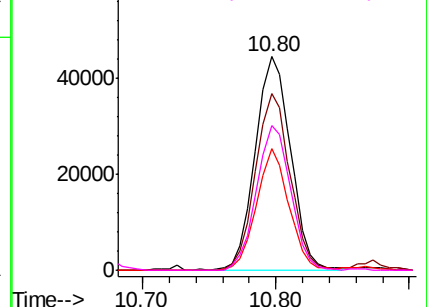
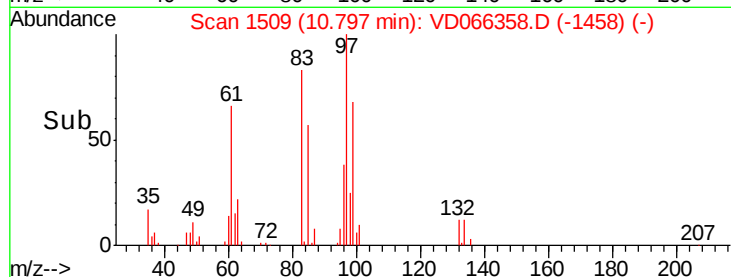


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 53.921 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

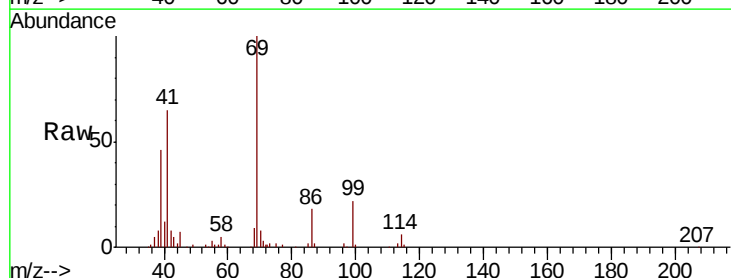
Tgt Ion: 69 Resp: 100421

Ion Ratio Lower Upper

69 100

41 67.8 50.8 76.2

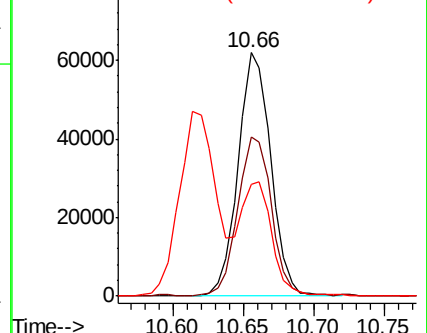
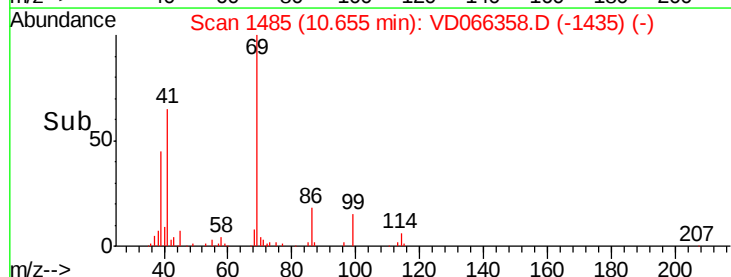
39 46.5 32.9 49.3

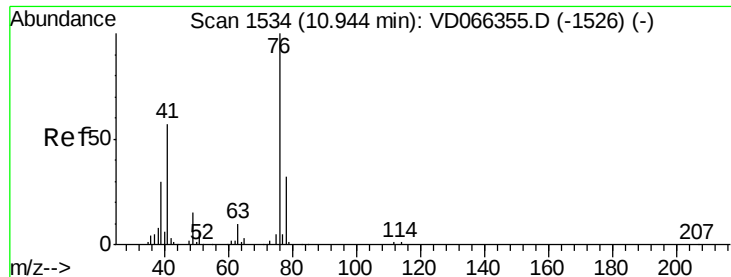


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 53.045 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

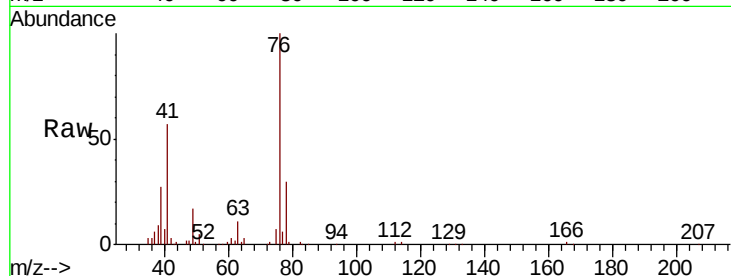
ICVVD082120

Tot Ion: 76 Resp: 141160

Ion Ratio Lower Upper

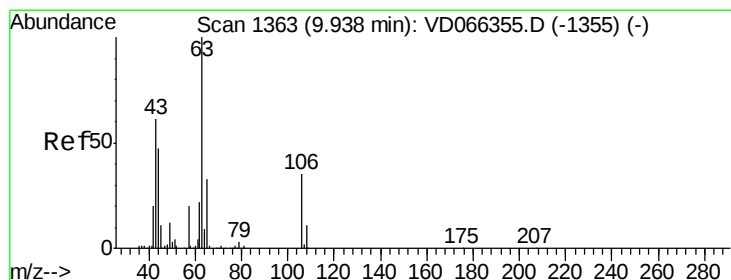
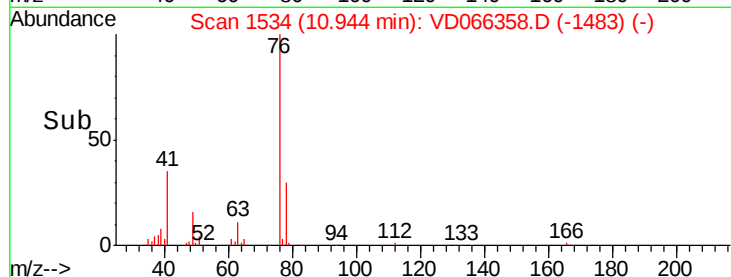
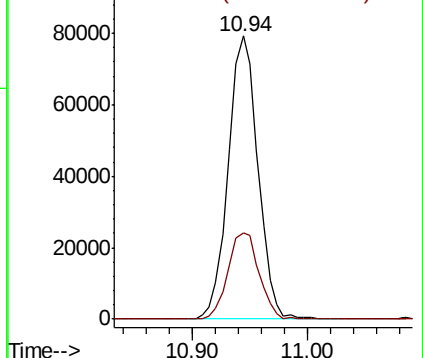
76 100

78 32.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 267.440 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066358.D

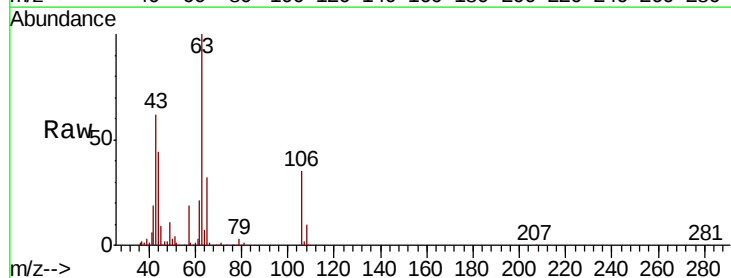
Acq: 21 Aug 2020 14:08

Tgt Ion: 63 Resp: 206865

Ion Ratio Lower Upper

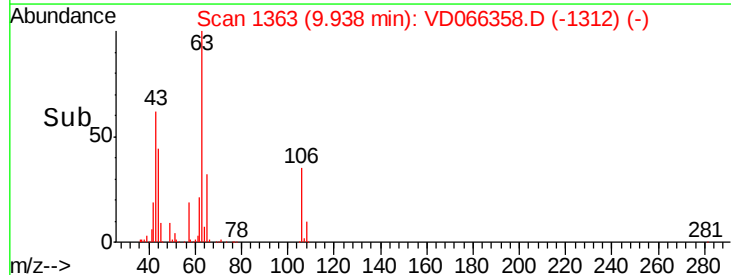
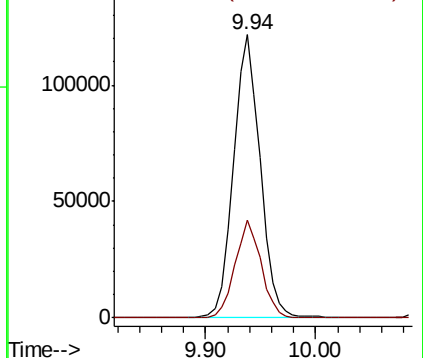
63 100

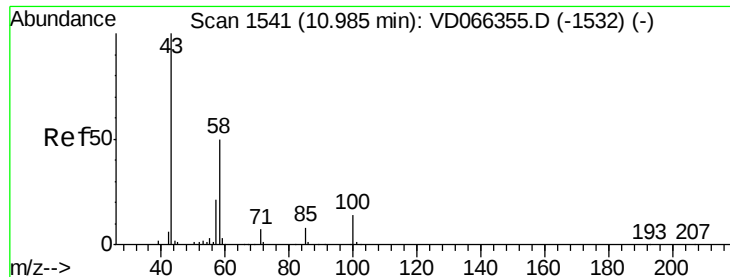
106 33.8 27.1 40.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

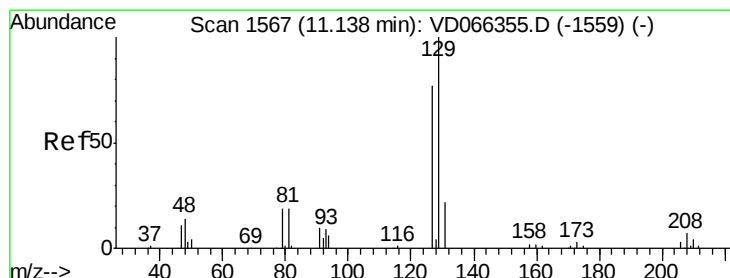
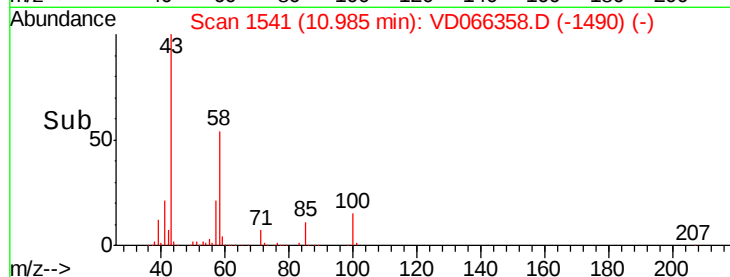
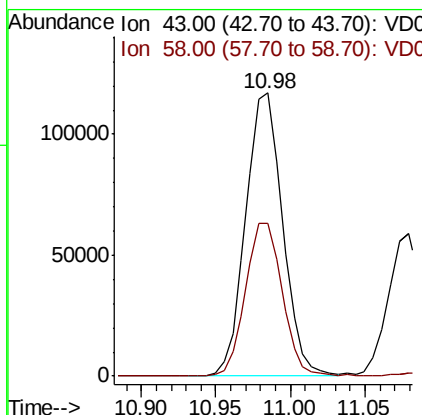
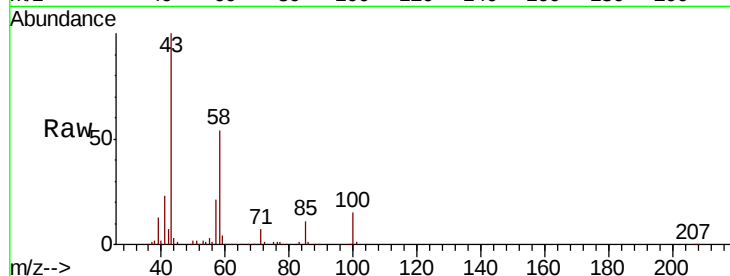




#59
2-Hexanone
Concen: 269.325 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

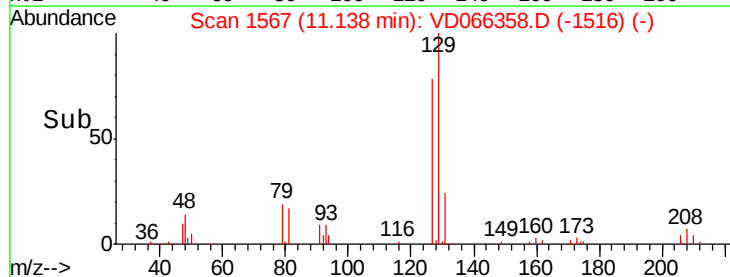
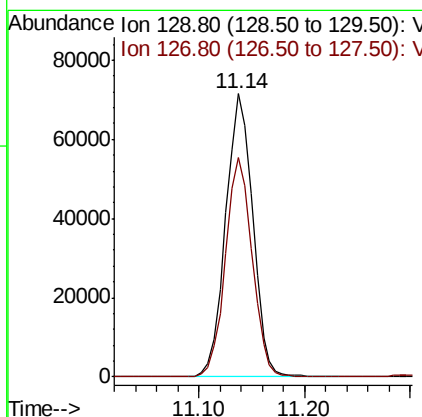
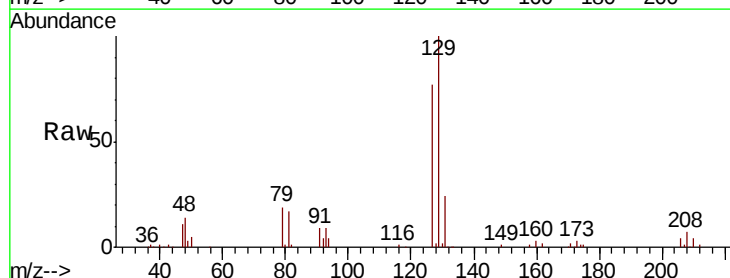
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

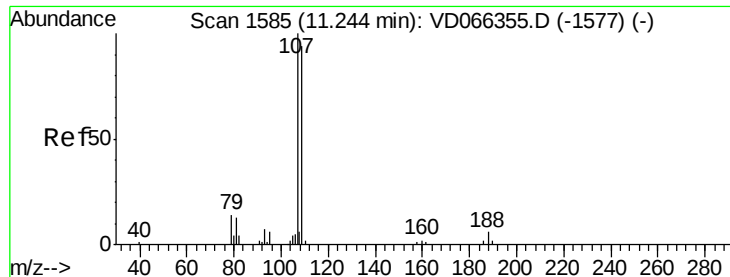
Tot Ion: 43 Resp: 200784
Ion Ratio Lower Upper
43 100
58 53.6 26.3 78.8



#60
Dibromochloromethane
Concen: 52.357 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion: 129 Resp: 126968
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0

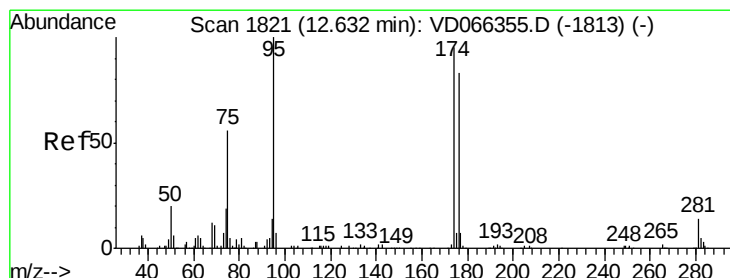
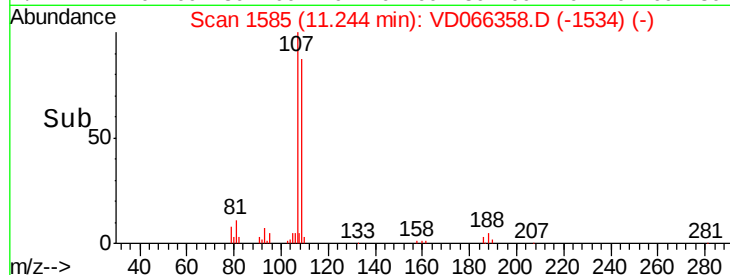
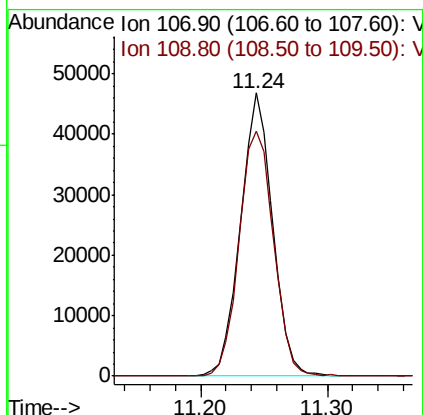
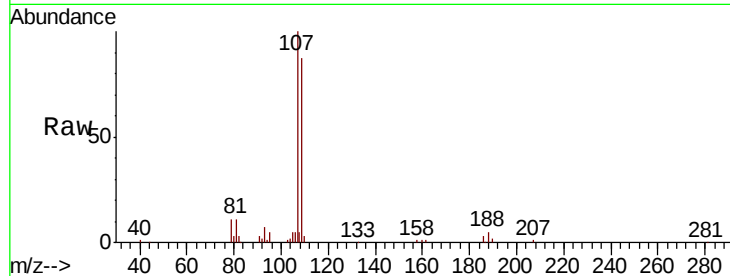




#61
 1,2-Dibromoethane
 Concen: 51.836 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

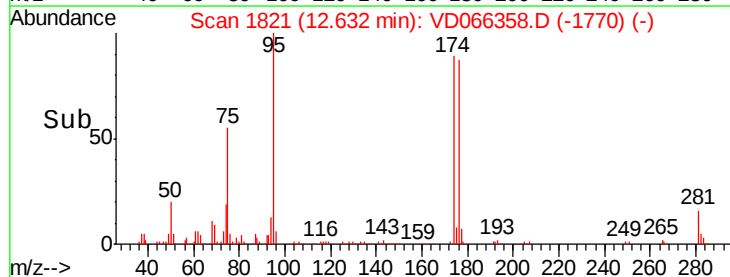
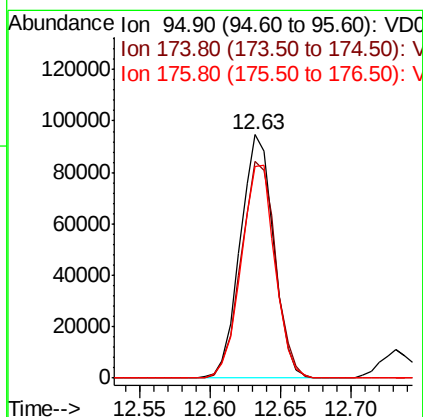
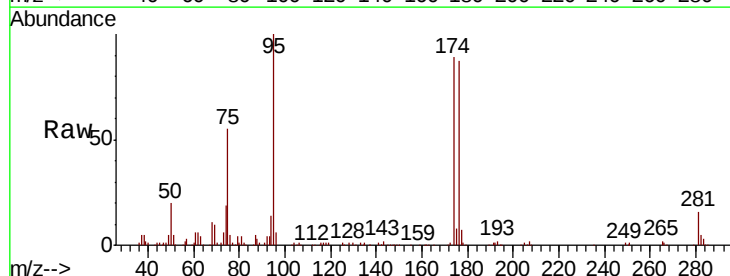
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

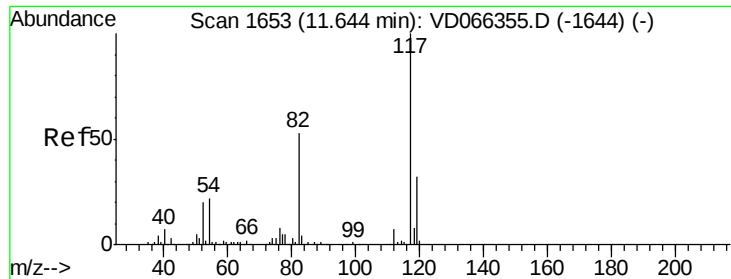
Tot Ion:107 Resp: 82069
 Ion Ratio Lower Upper
 107 100
 109 92.9 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 55.073 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion: 95 Resp: 156826
 Ion Ratio Lower Upper
 95 100
 174 92.0 0.0 183.4
 176 88.4 0.0 173.8

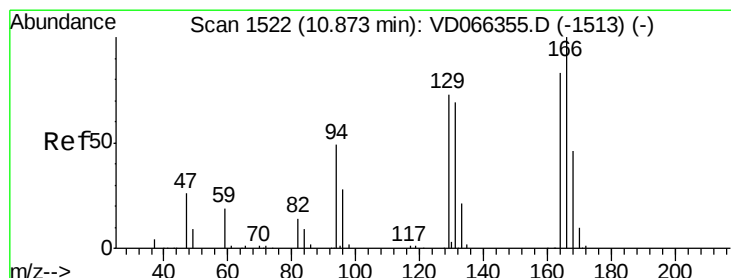
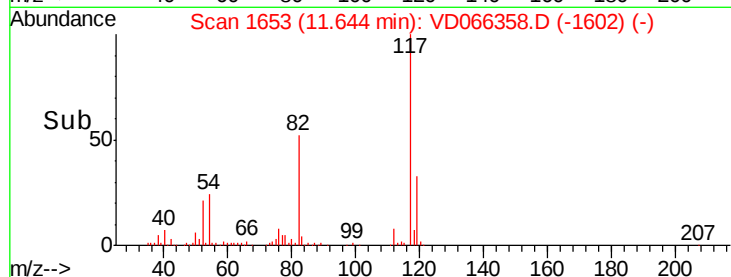
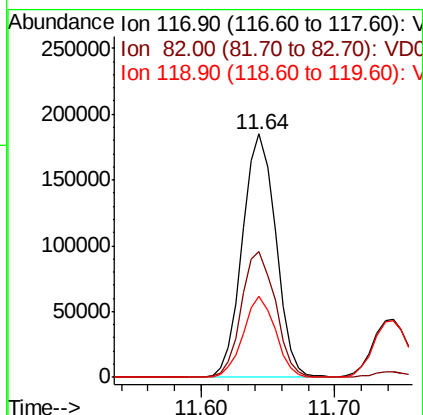
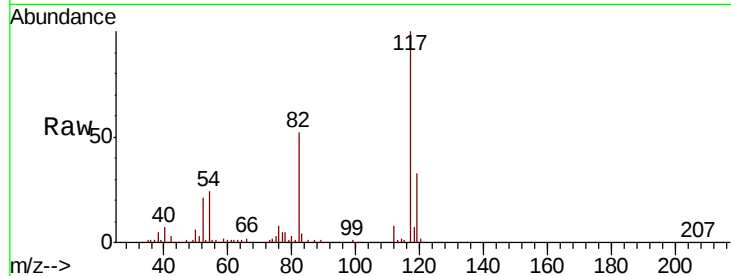




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

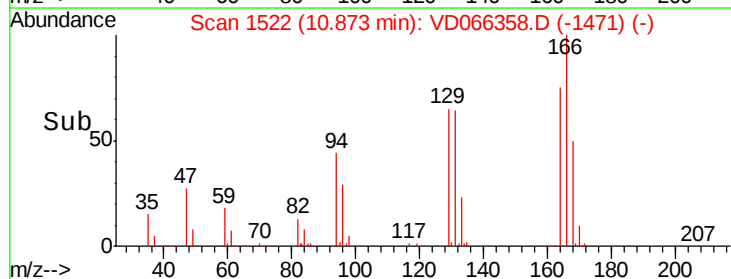
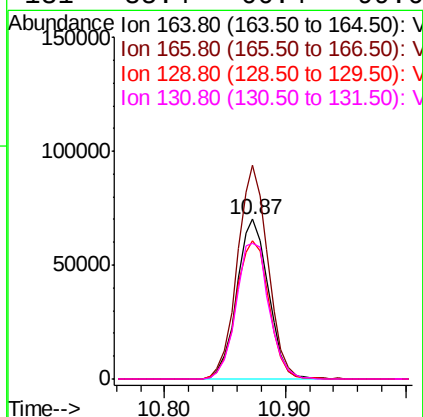
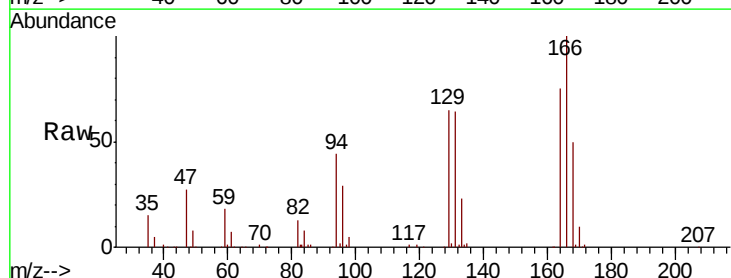
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

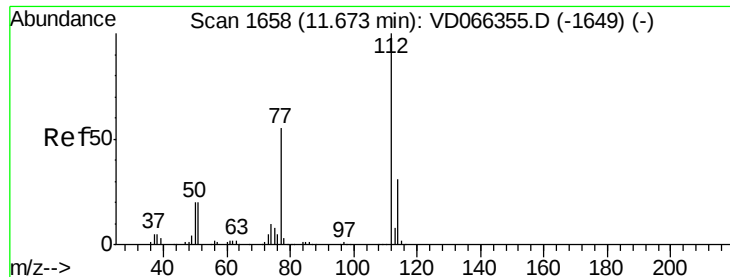
Tot Ion:117 Resp: 320759
Ion Ratio Lower Upper
117 100
82 51.9 42.8 64.2
119 33.5 25.8 38.8



#64
Tetrachloroethene
Concen: 52.634 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion:164 Resp: 128071
Ion Ratio Lower Upper
164 100
166 133.8 96.2 144.4
129 86.7 70.3 105.5
131 85.4 66.4 99.6





#65

Chlorobenzene

Concen: 52.684 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

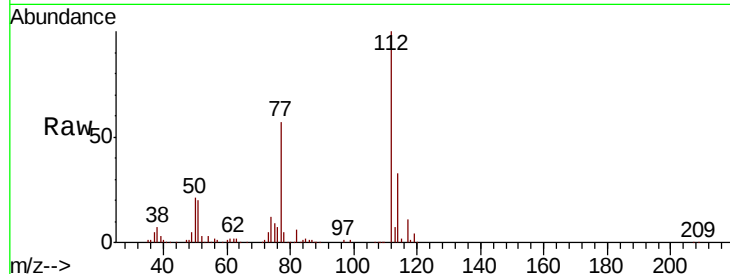
ICVVD082120

Tot Ion:112 Resp: 336207

Ion Ratio Lower Upper

112 100

114 32.6 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

200000

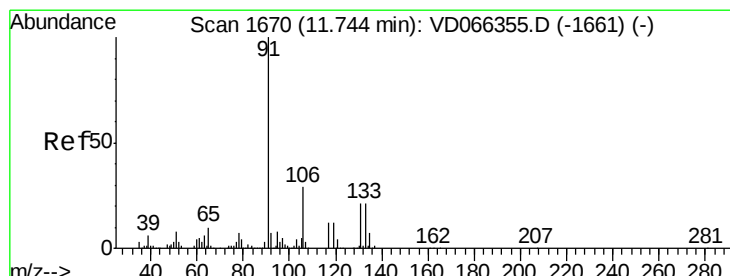
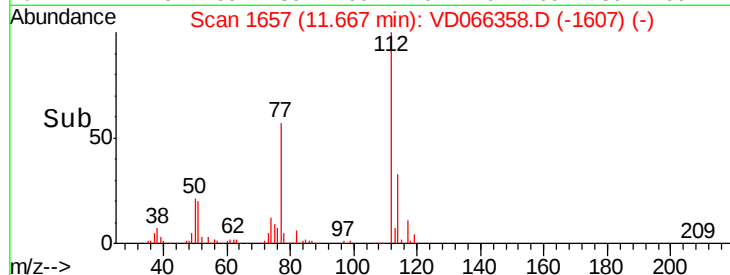
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.827 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

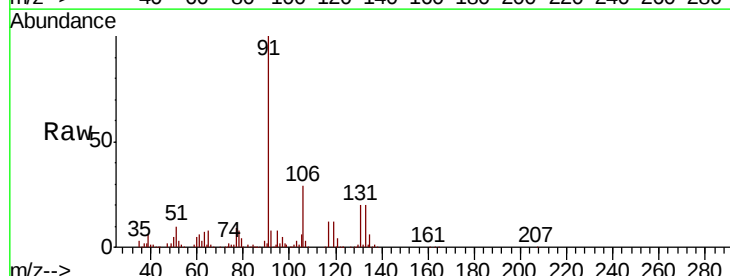
Tgt Ion:131 Resp: 135161

Ion Ratio Lower Upper

131 100

133 96.2 48.6 145.9

119 58.1 29.0 87.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

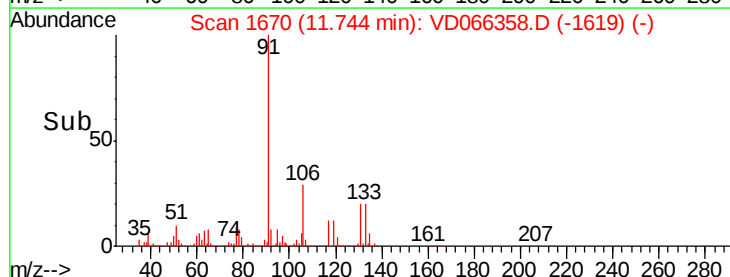
60000

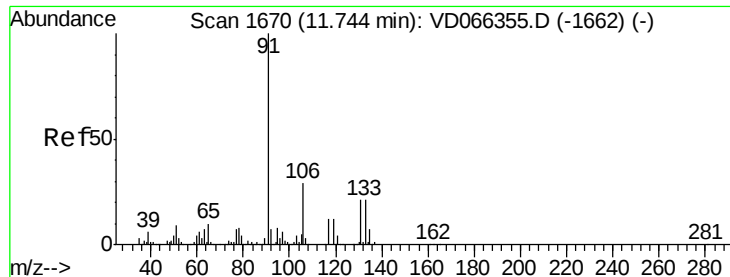
40000

20000

0

Time-->

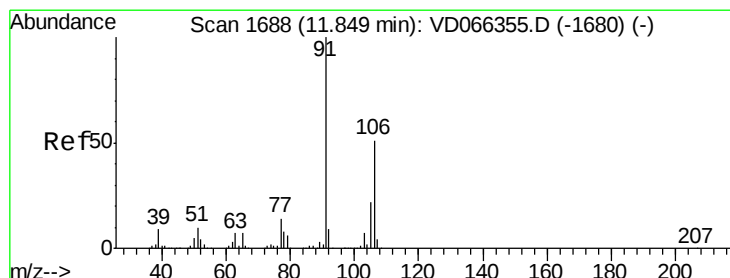
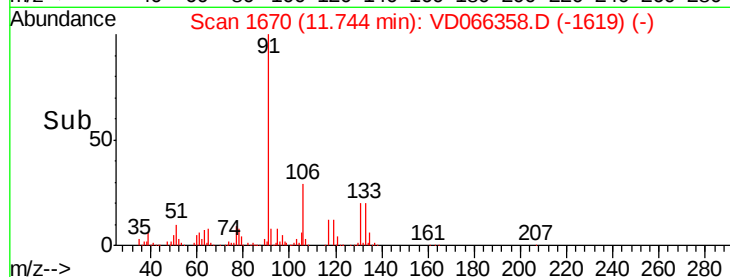
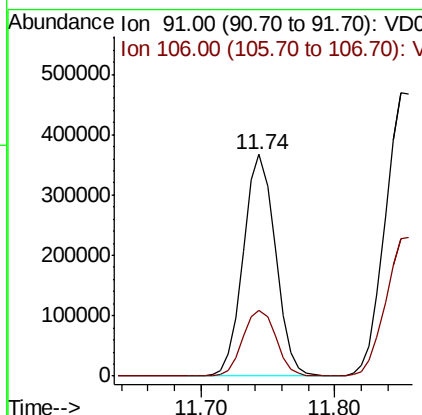
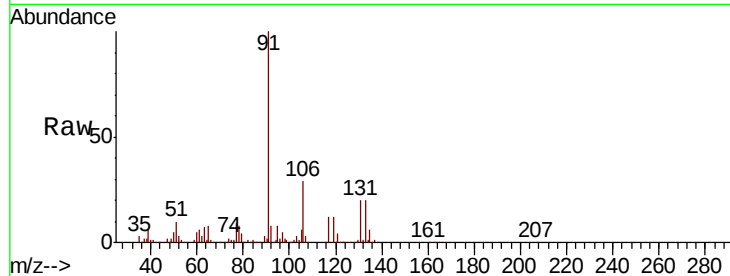




#67
Ethyl Benzene
Concen: 54.304 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

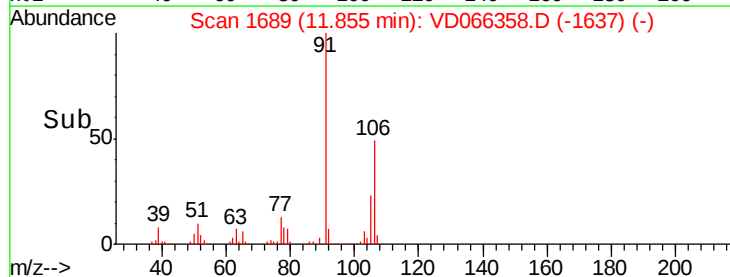
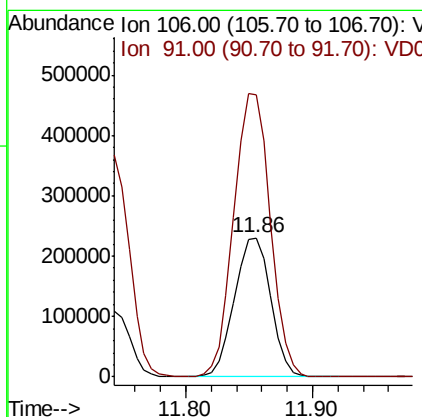
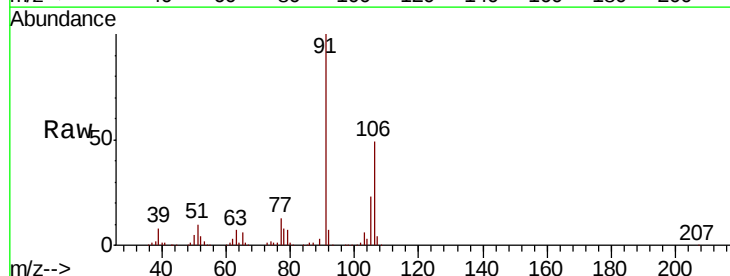
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

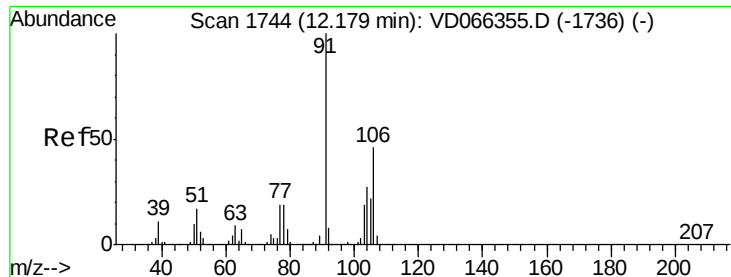
Tot Ion: 91 Resp: 610001
Ion Ratio Lower Upper
91 100
106 29.4 23.4 35.2



#68
m/p-Xylenes
Concen: 106.594 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion: 106 Resp: 456389
Ion Ratio Lower Upper
106 100
91 205.8 160.7 241.1

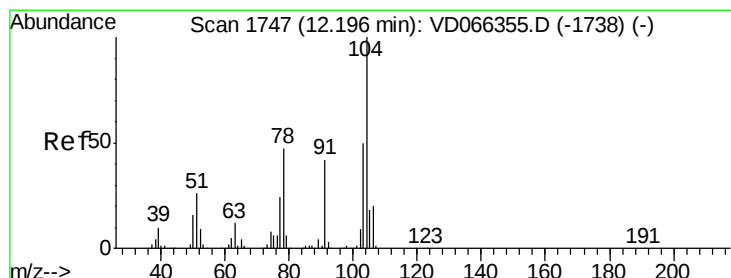
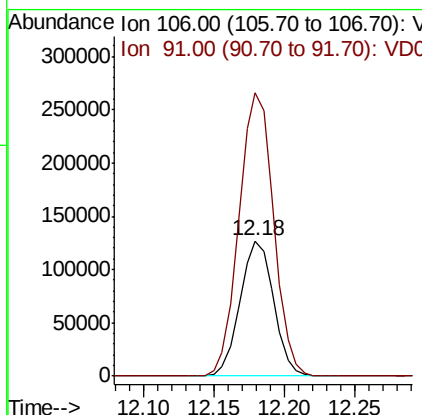
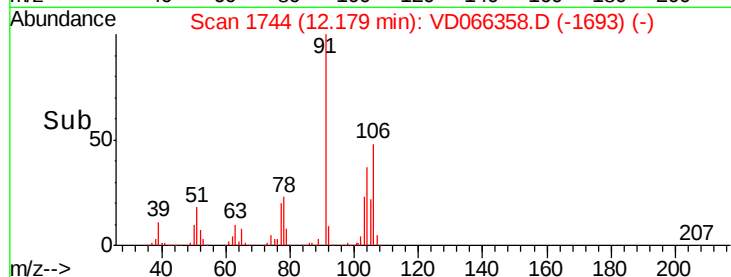
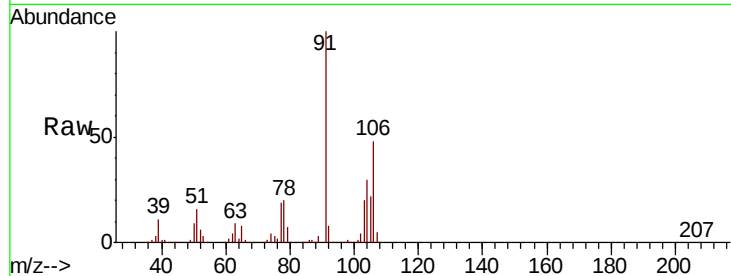




#69
o-Xylene
Concen: 52.879 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

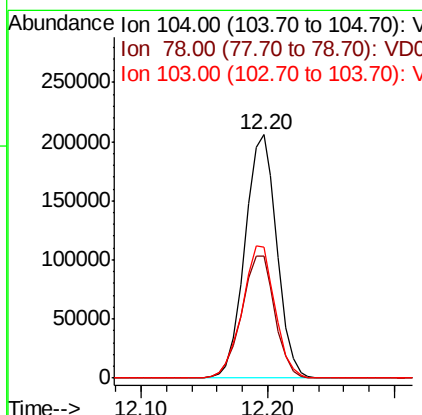
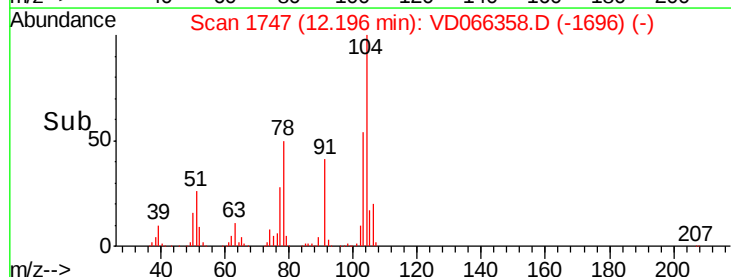
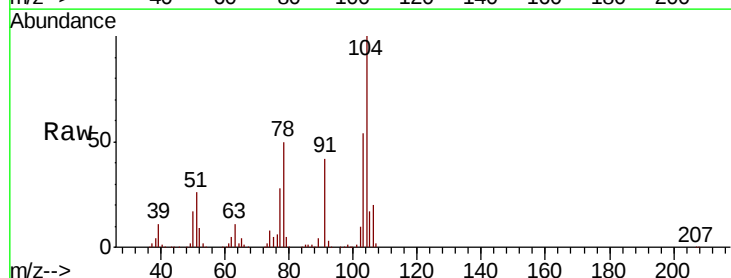
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

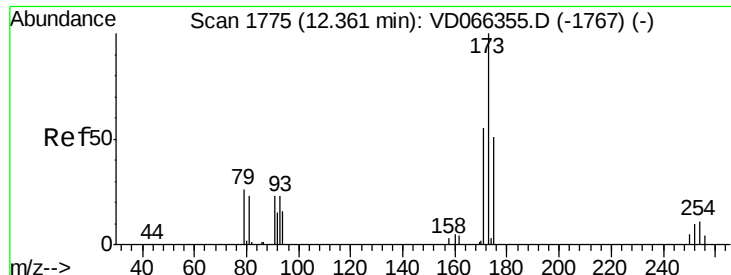
Tot Ion:106 Resp: 210621
Ion Ratio Lower Upper
106 100
91 216.9 109.1 327.3



#70
Styrene
Concen: 52.404 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion:104 Resp: 358398
Ion Ratio Lower Upper
104 100
78 52.6 41.7 62.5
103 56.1 43.5 65.3





#71

Bromoform

Concen: 50.627 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

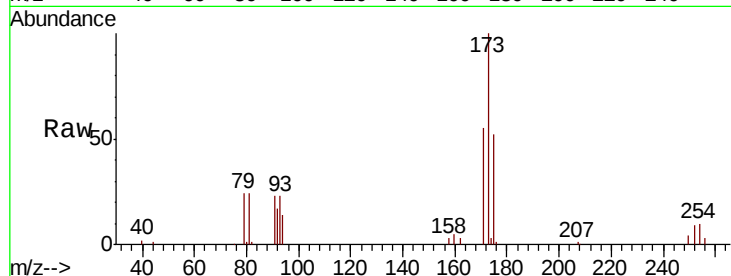
Tot Ion:173 Resp: 74907

Ion Ratio Lower Upper

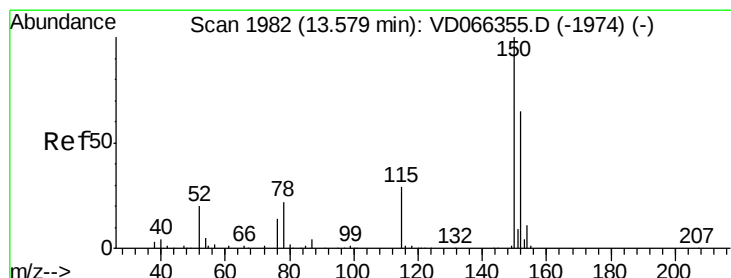
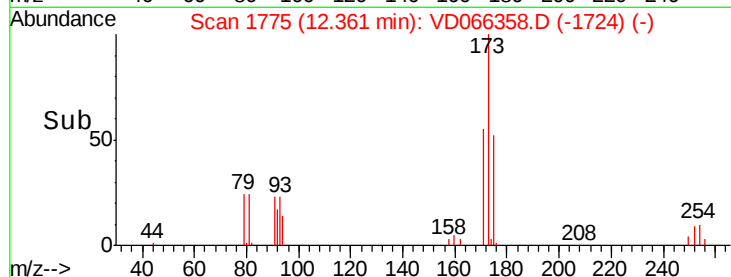
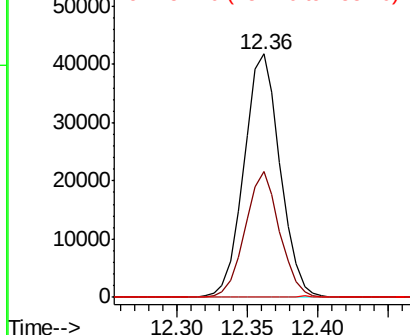
173 100

175 49.2 24.8 74.3

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: VD066358.D

Acq: 21 Aug 2020 14:08

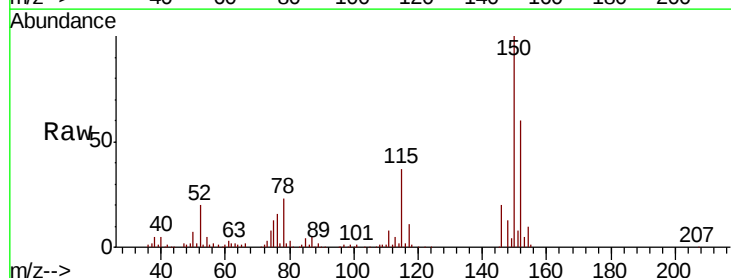
Tgt Ion:152 Resp: 167899

Ion Ratio Lower Upper

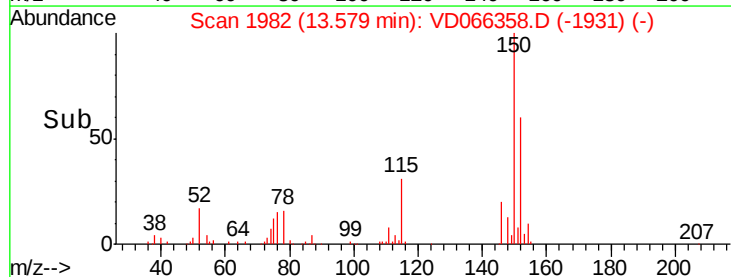
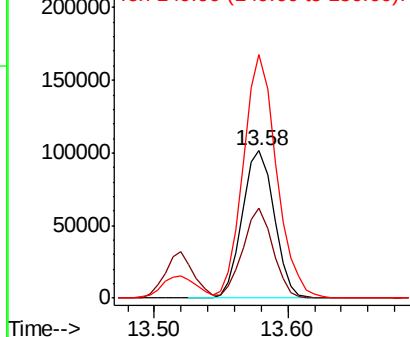
152 100

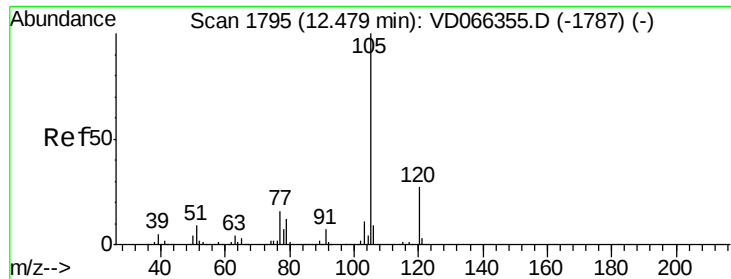
115 57.8 28.3 85.0

150 171.9 0.0 343.2



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: 54.199 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

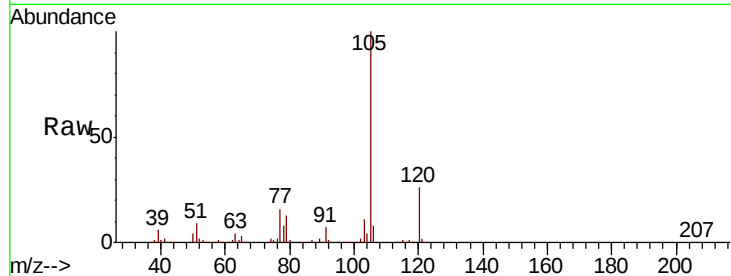
ICVVD082120

Tot Ion:105 Resp: 609600

Ion Ratio Lower Upper

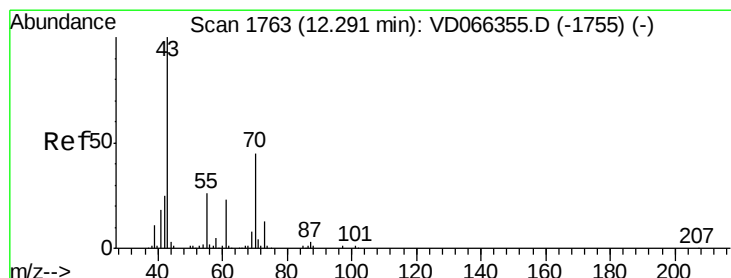
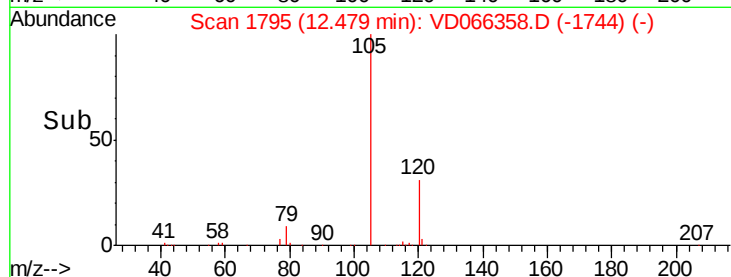
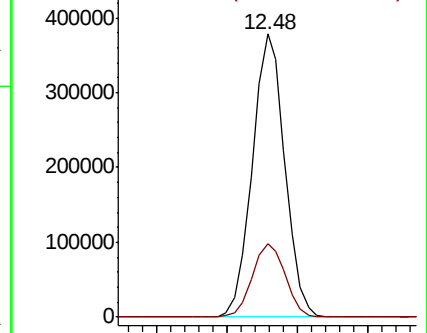
105 100

120 26.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.915 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Tgt Ion: 43 Resp: 105461

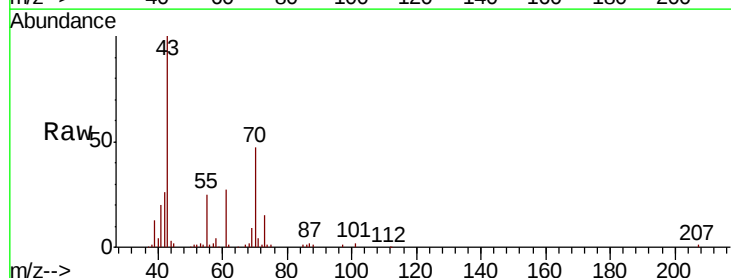
Ion Ratio Lower Upper

43 100

70 45.1 34.8 52.2

55 25.5 20.3 30.5

61 25.3 19.0 28.6

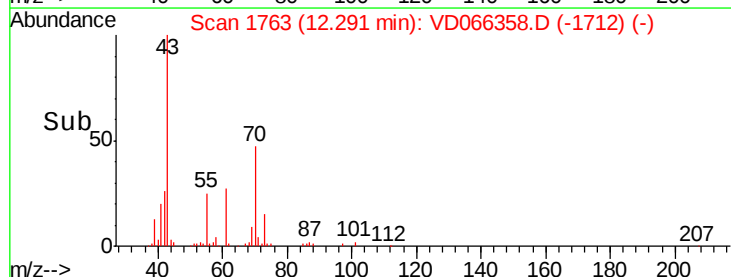
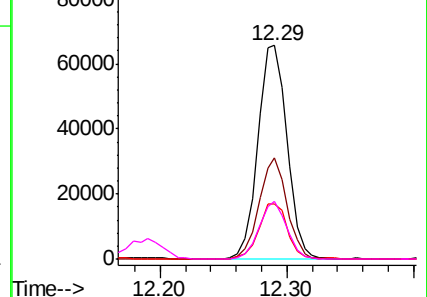


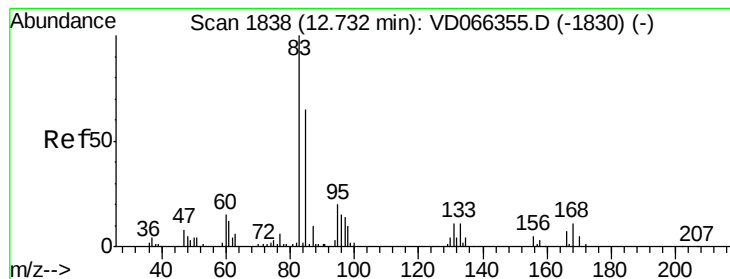
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.797 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

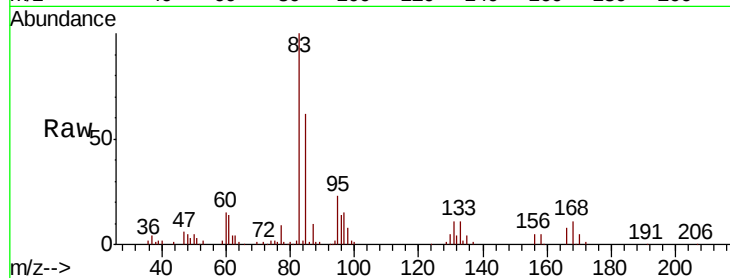
Tot Ion: 83 Resp: 81617

Ion Ratio Lower Upper

83 100

131 13.7 7.0 20.9

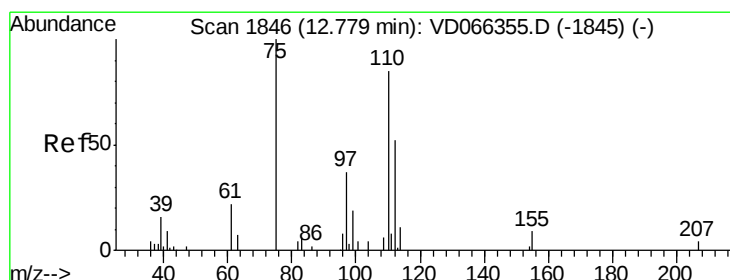
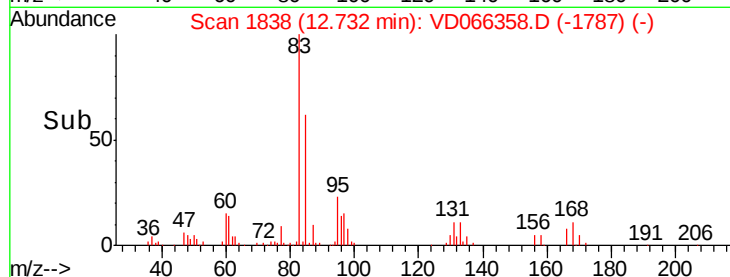
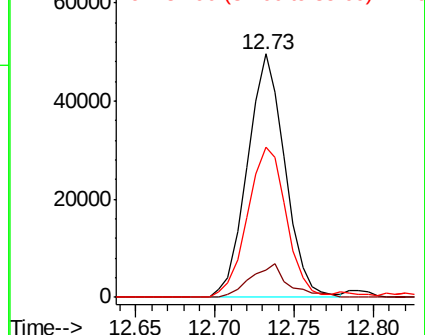
85 63.9 32.4 97.0



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: 101.892 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.00 min

Lab File: VD066358.D

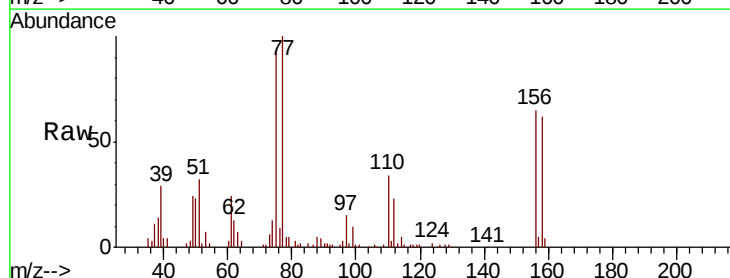
Acq: 21 Aug 2020 14:08

Tgt Ion: 75 Resp: 120352

Ion Ratio Lower Upper

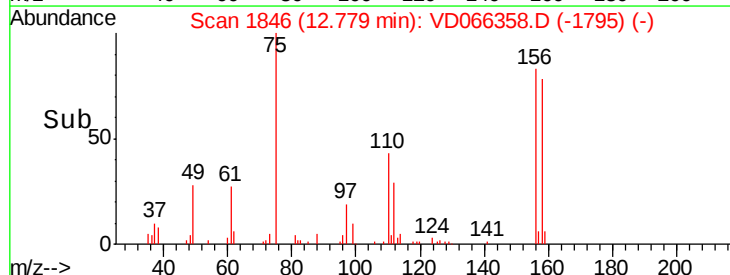
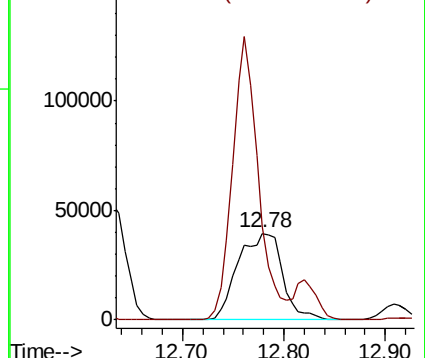
75 100

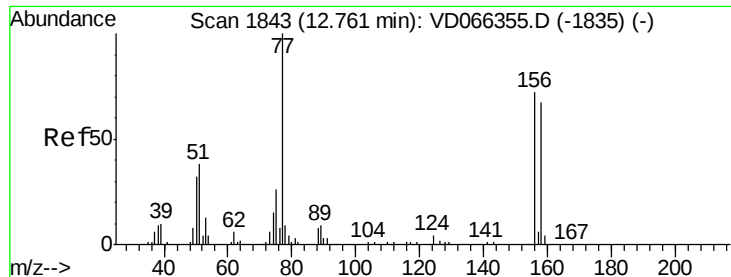
77 191.0 182.9 548.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.303 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

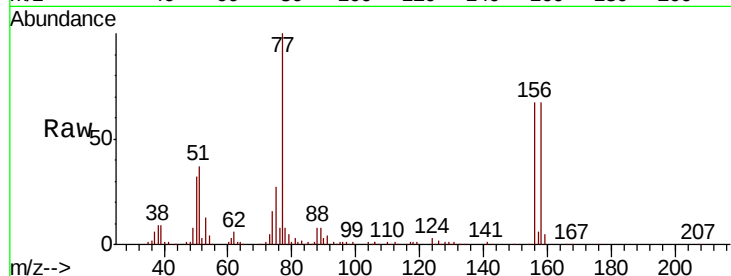
Tot Ion:156 Resp: 149311

Ion Ratio Lower Upper

156 100

77 153.9 76.1 228.3

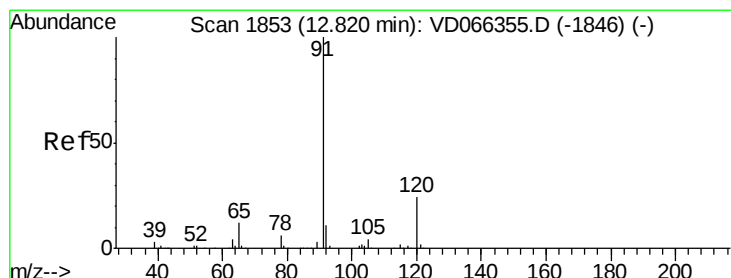
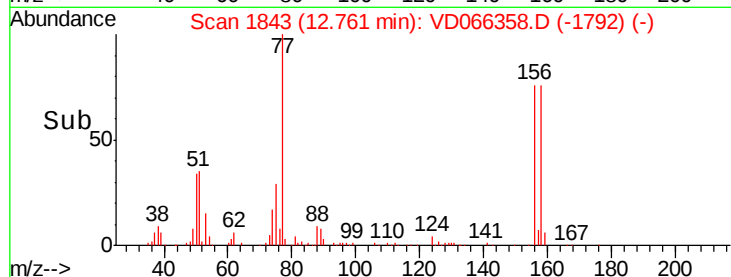
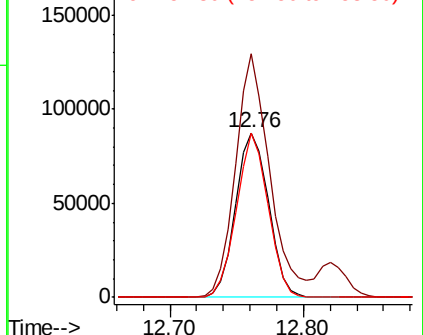
158 95.7 47.6 142.9



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: 53.046 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066358.D

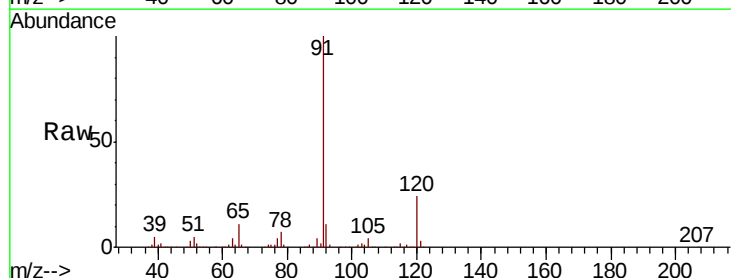
Acq: 21 Aug 2020 14:08

Tgt Ion: 91 Resp: 684093

Ion Ratio Lower Upper

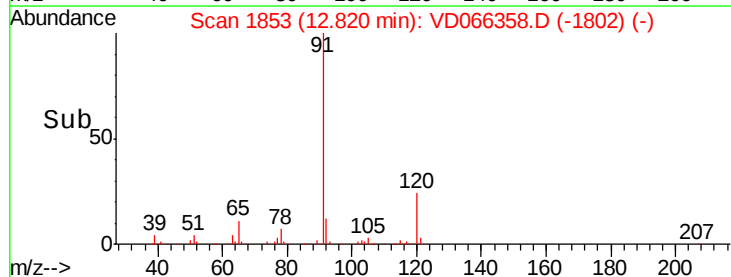
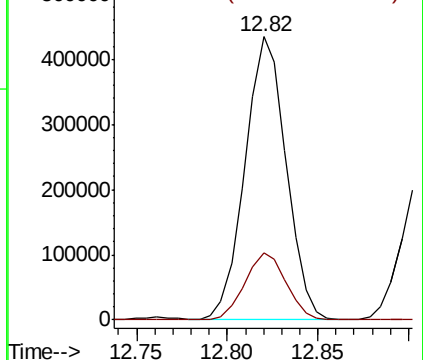
91 100

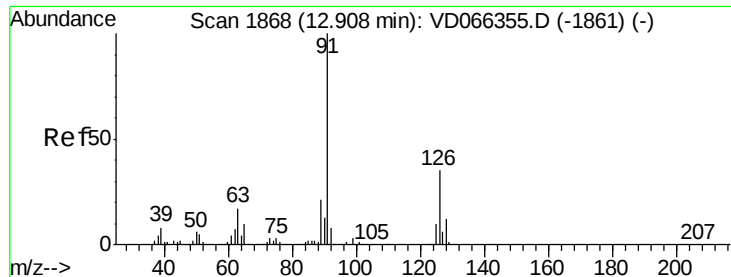
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.482 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

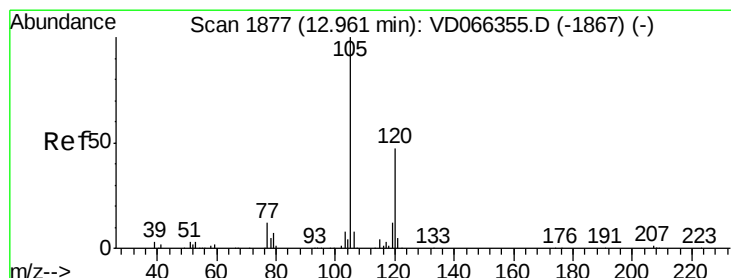
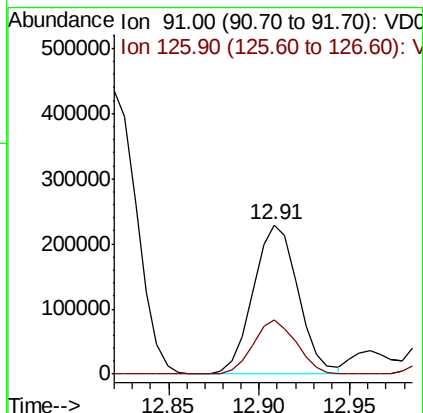
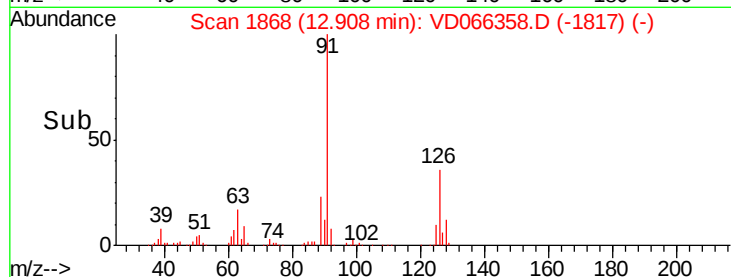
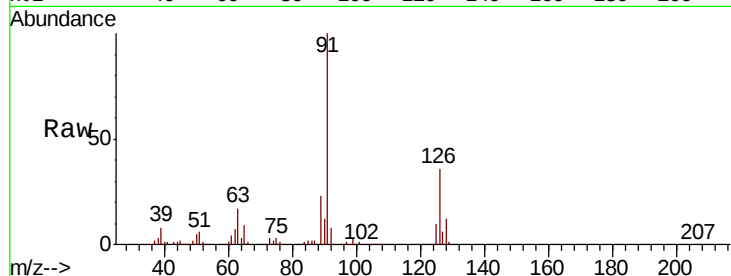
ICVVD082120

Tot Ion: 91 Resp: 393924

Ion Ratio Lower Upper

91 100

126 34.9 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 52.857 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066358.D

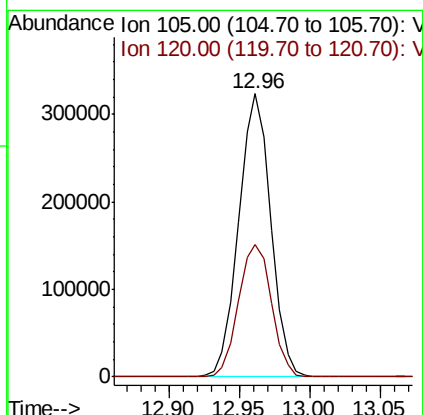
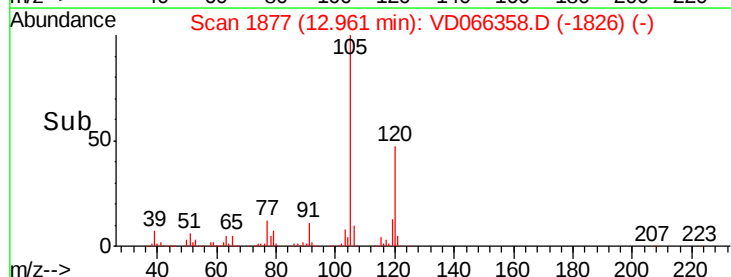
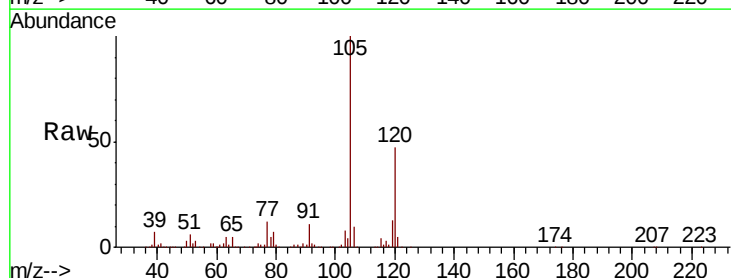
Acq: 21 Aug 2020 14:08

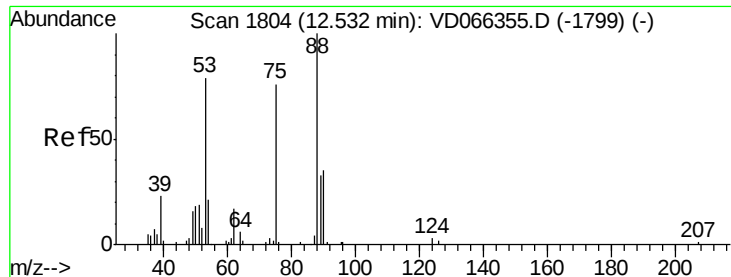
Tgt Ion:105 Resp: 513306

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 55.357 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

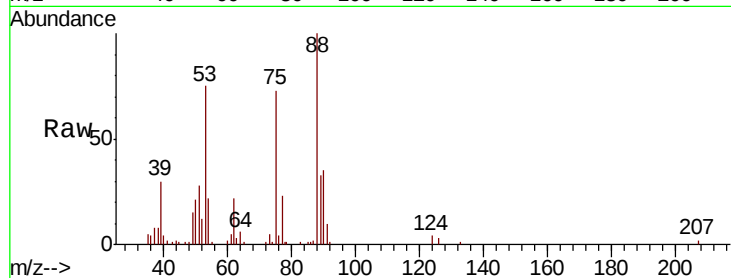
Tot Ion: 75 Resp: 30804

Ion Ratio Lower Upper

75 100

53 99.9 87.4 131.2

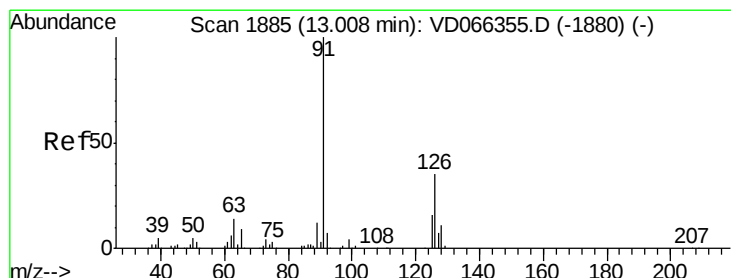
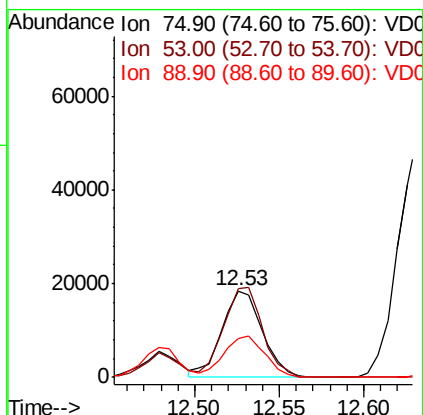
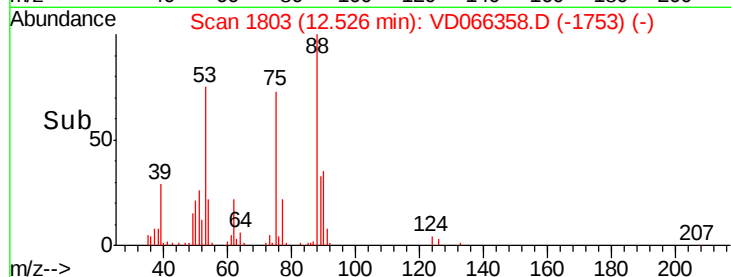
89 48.4 39.4 59.0



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: 52.508 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066358.D

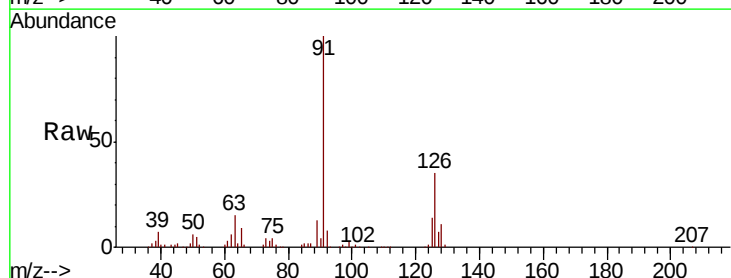
Acq: 21 Aug 2020 14:08

Tgt Ion: 91 Resp: 409751

Ion Ratio Lower Upper

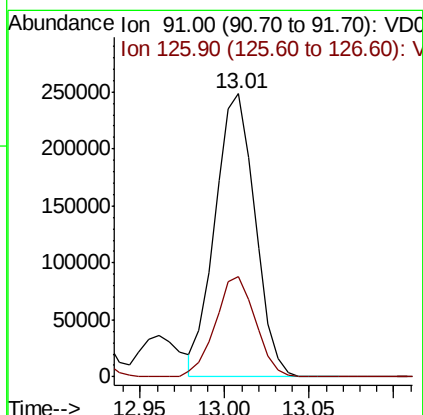
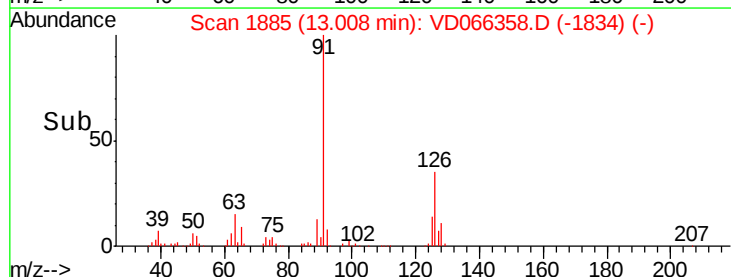
91 100

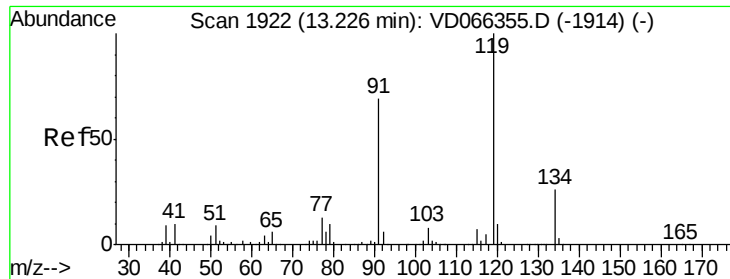
126 35.6 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

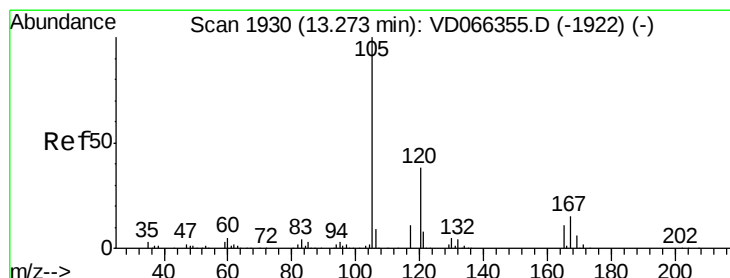
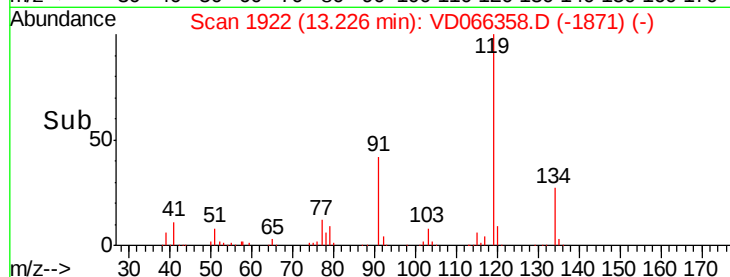
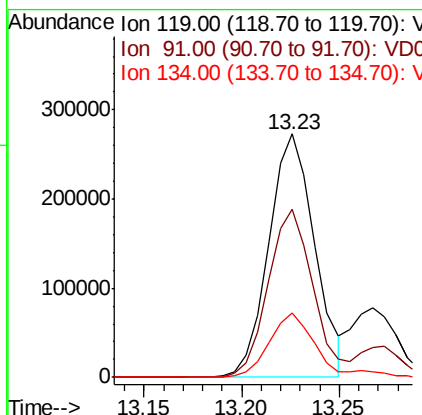
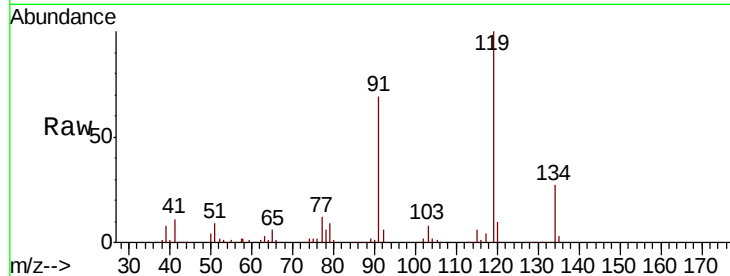




#83
tert-Butylbenzene
Concen: 52.669 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

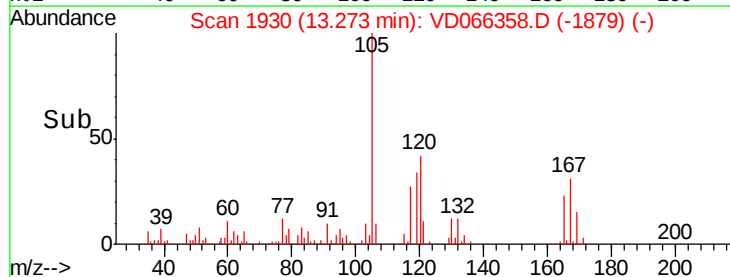
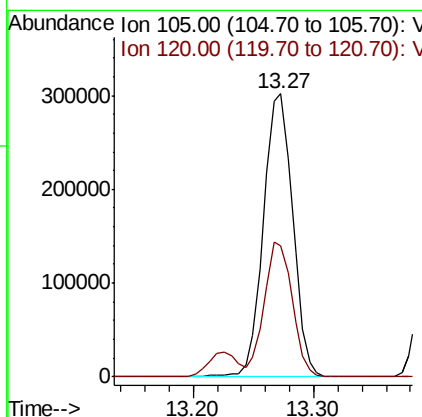
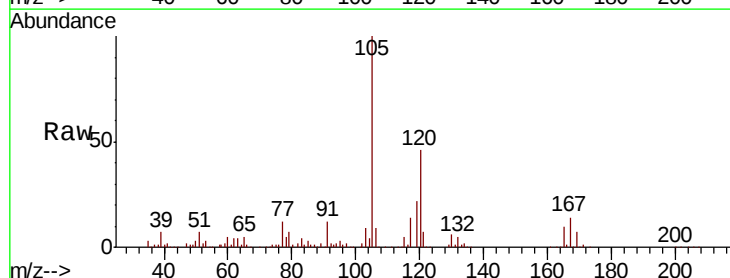
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

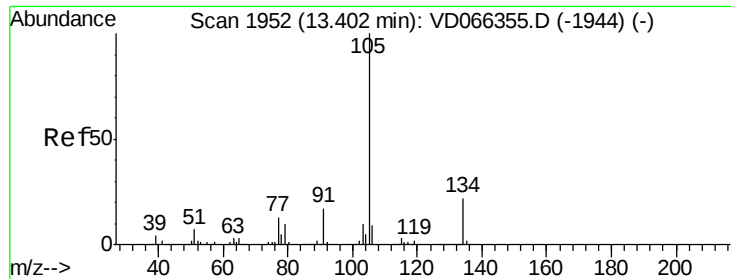
Tot Ion:119 Resp: 444267
Ion Ratio Lower Upper
119 100
91 68.0 33.5 100.5
134 25.5 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 53.182 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion:105 Resp: 507271
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.7

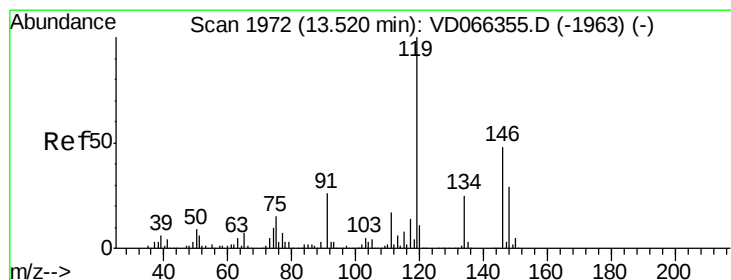
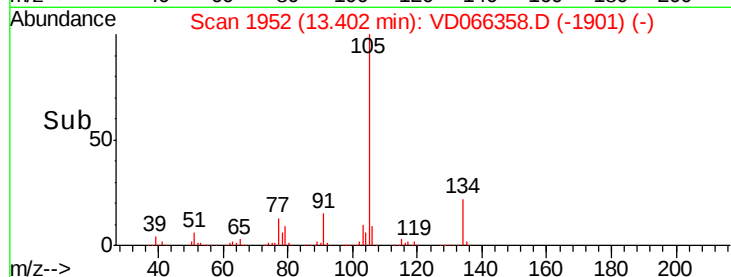
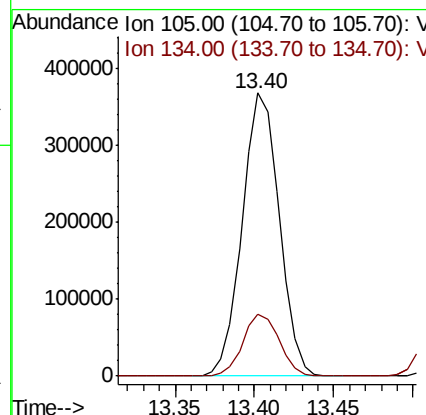
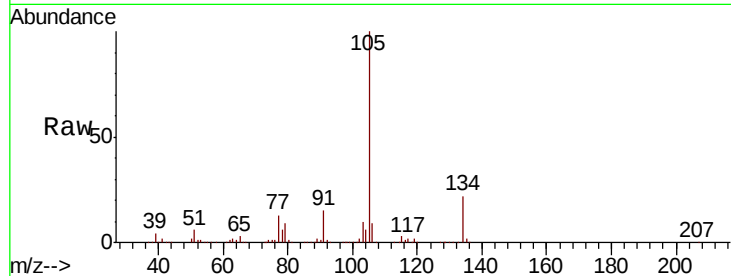




#85
 sec-Butylbenzene
 Concen: 54.069 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

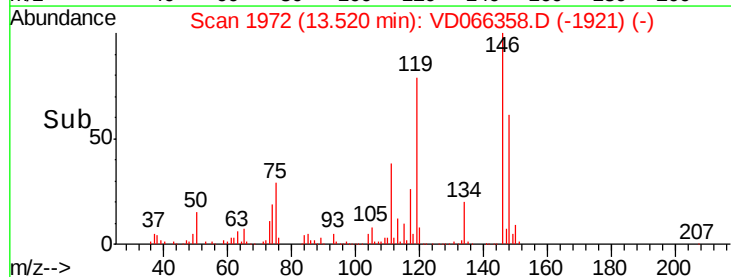
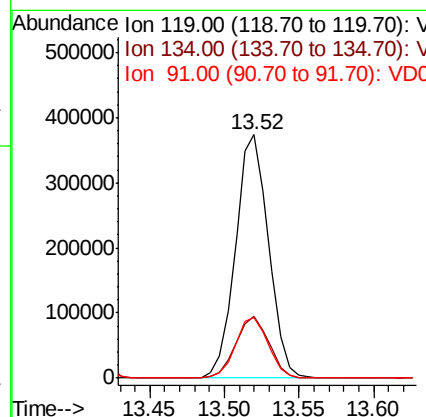
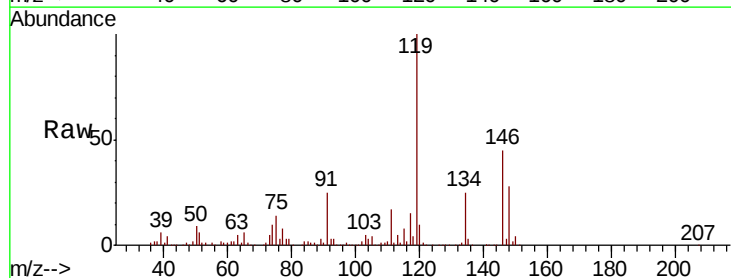
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

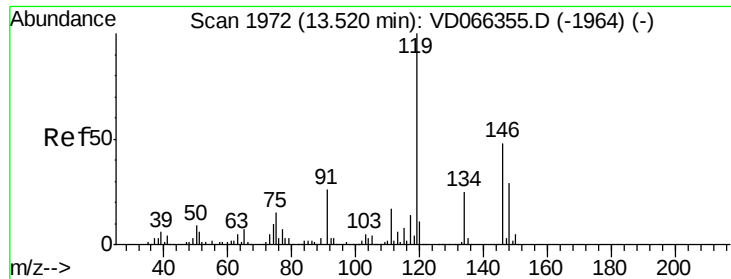
Tot Ion:105 Resp: 597550
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 53.955 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion:119 Resp: 574964
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 24.9 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 52.054 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

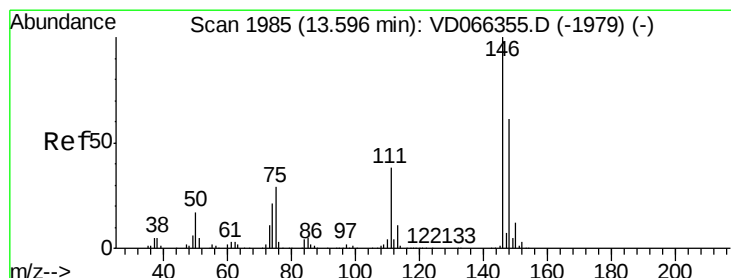
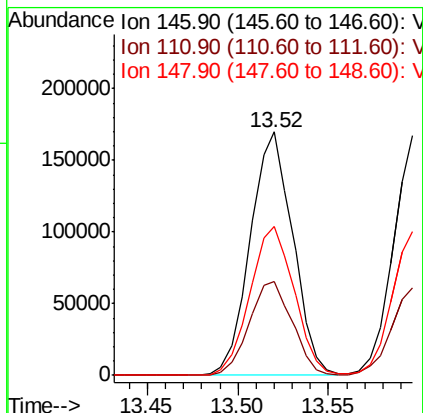
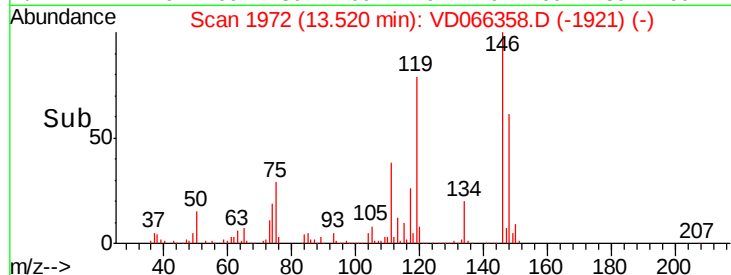
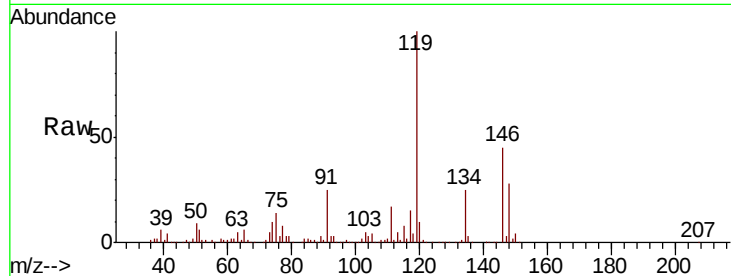
Tot Ion:146 Resp: 277390

Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.9

148 63.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 51.956 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

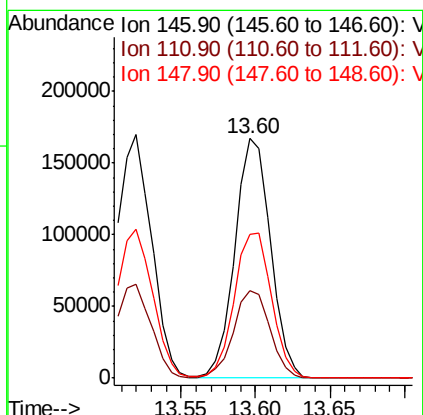
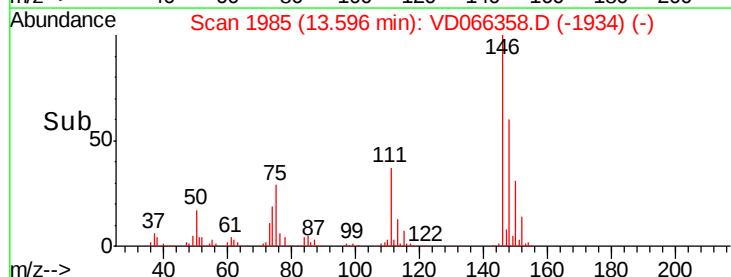
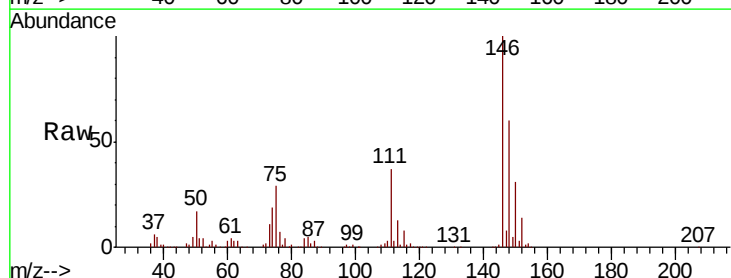
Tgt Ion:146 Resp: 277992

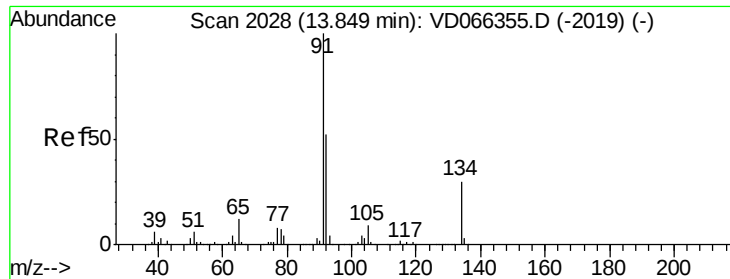
Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.5

148 63.3 32.1 96.3

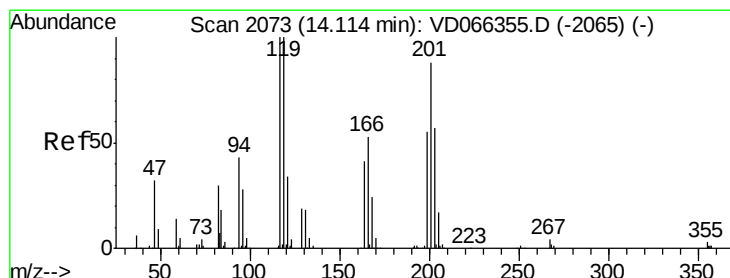
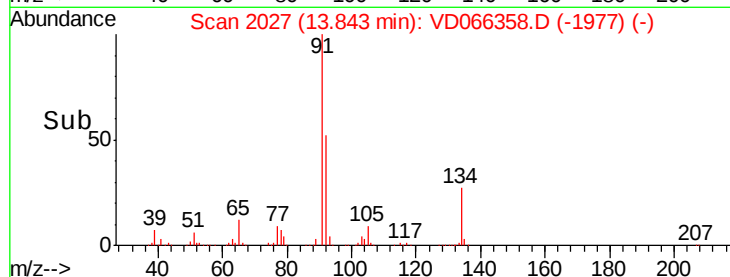
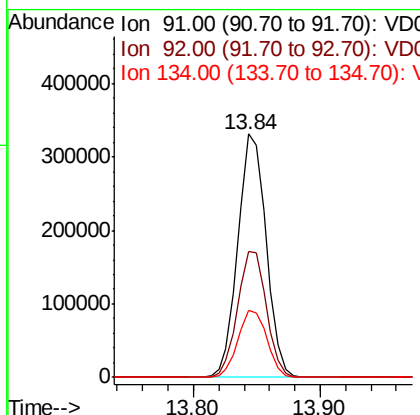
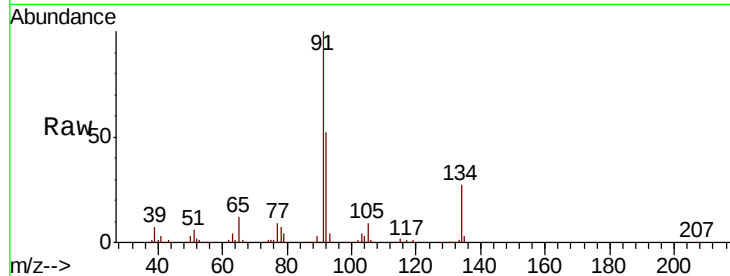




#89
n-Butylbenzene
Concen: 54.358 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

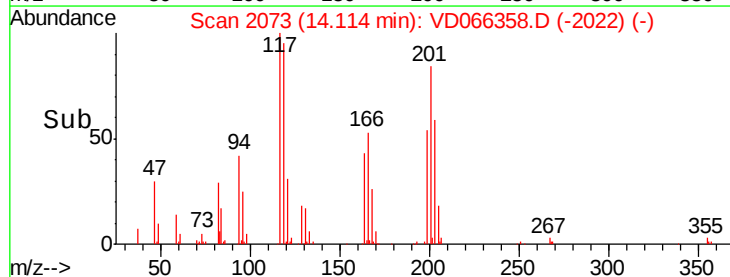
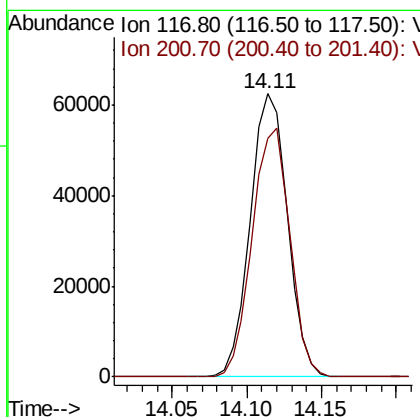
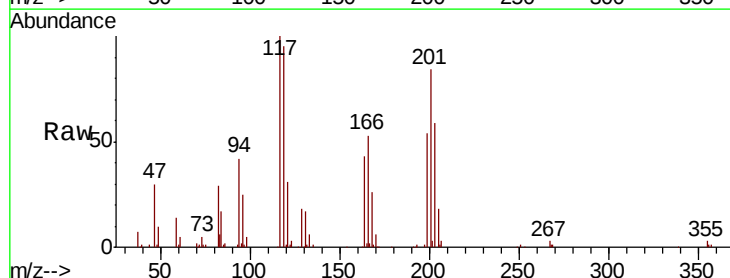
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

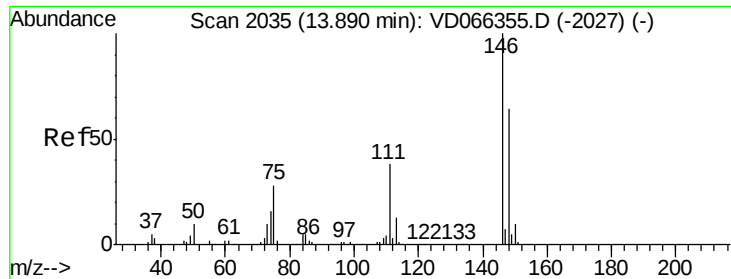
Tot Ion: 91 Resp: 511164
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 28.4 14.4 43.4



#90
Hexachloroethane
Concen: 51.172 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion: 117 Resp: 107720
Ion Ratio Lower Upper
117 100
201 88.6 45.4 136.2

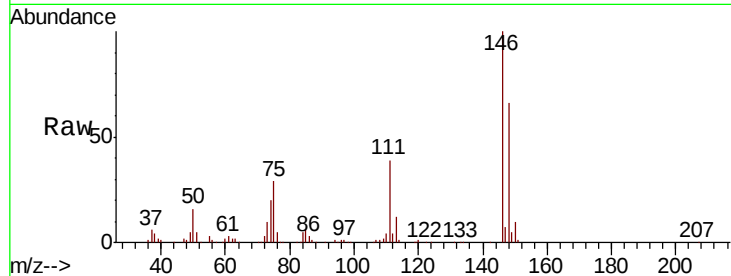




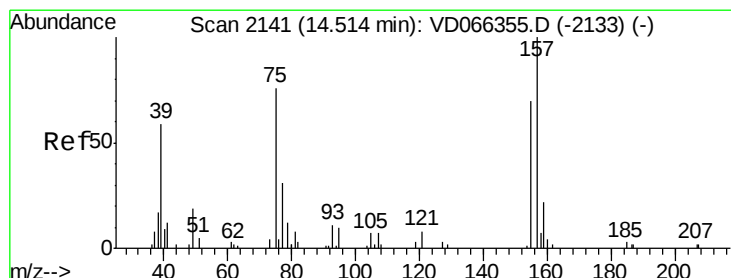
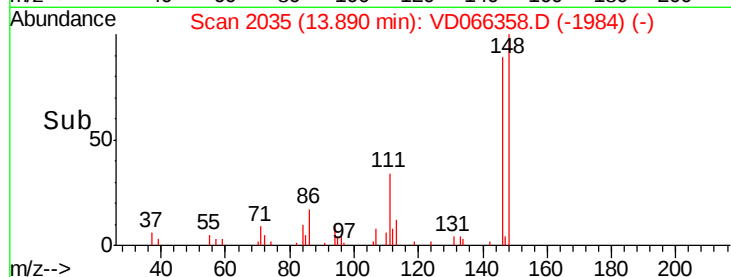
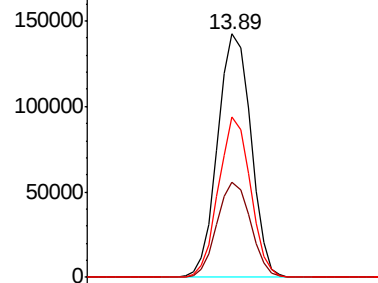
#91
 1,2-Dichlorobenzene
 Concen: 53.465 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	63.2	32.6	97.8

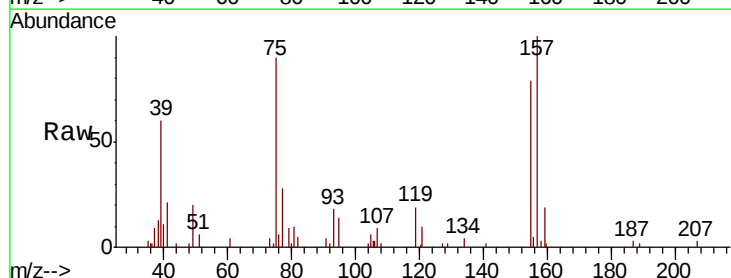


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

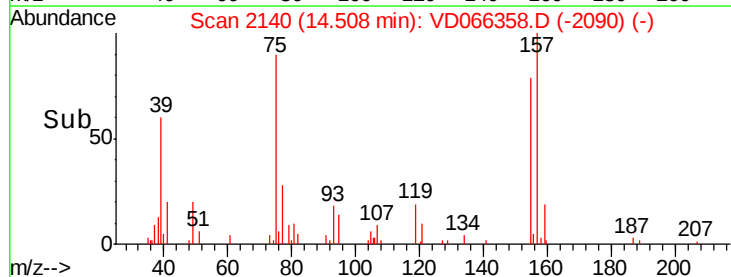
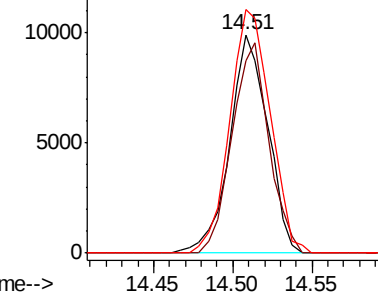


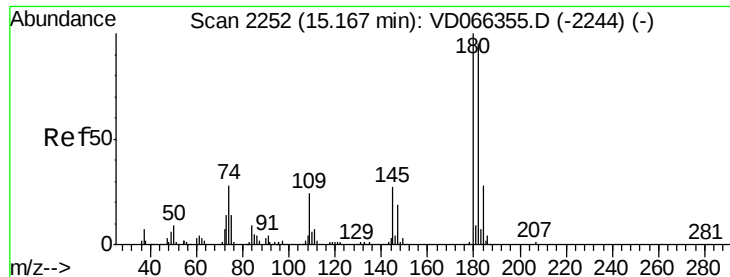
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.153 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.2	46.9	140.6
157	118.9	61.0	183.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

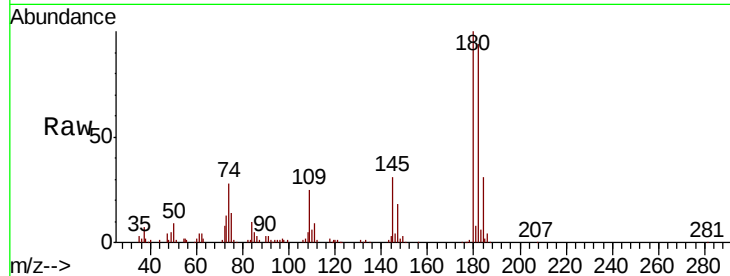




#93
 1,2,4-Trichlorobenzene
 Concen: 52.450 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.0
145	31.1	15.2	45.6

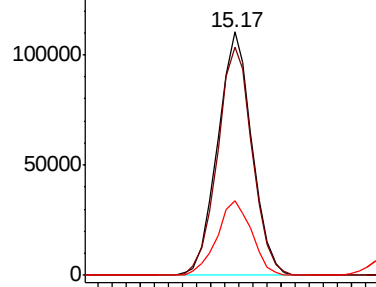


Abundance

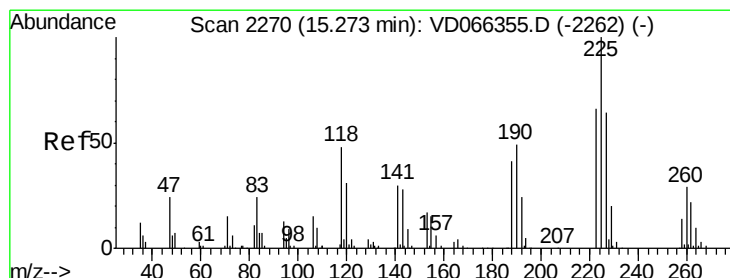
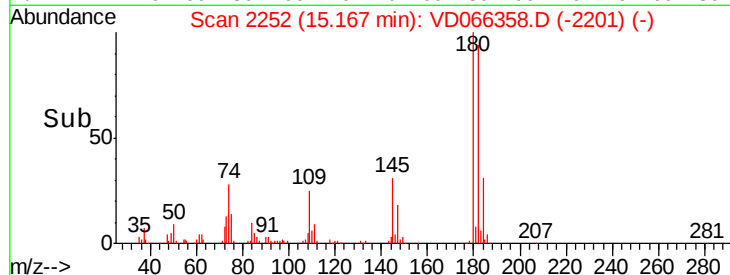
Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

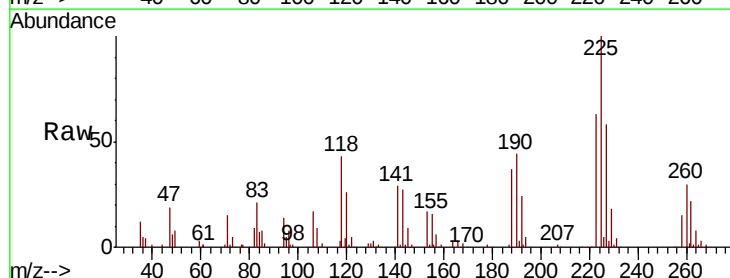


Time-->



#94
 Hexachlorobutadiene
 Concen: 54.982 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.5	97.4
227	62.8	33.0	98.9

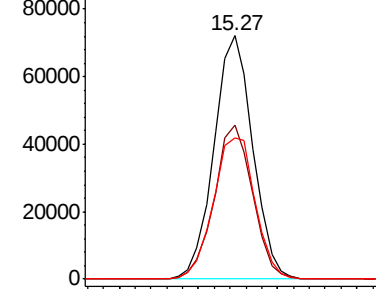


Abundance

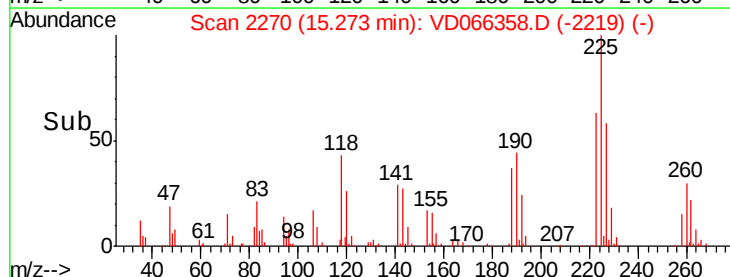
Ion 224.70 (224.40 to 225.40): V

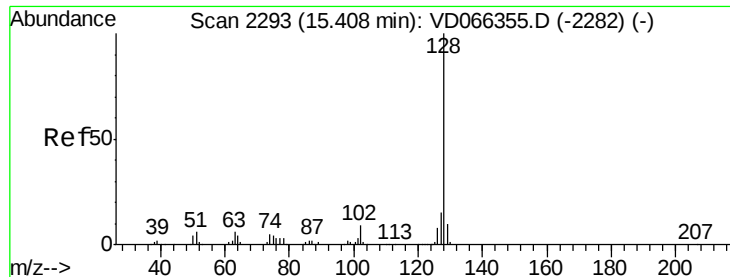
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->

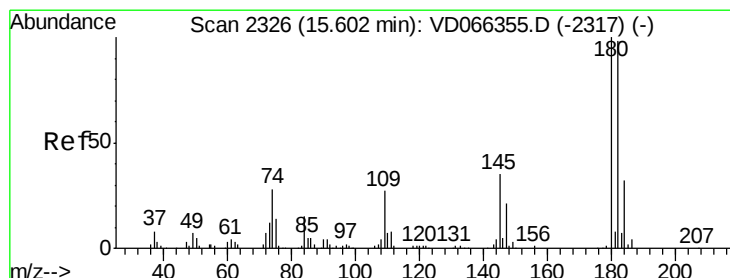
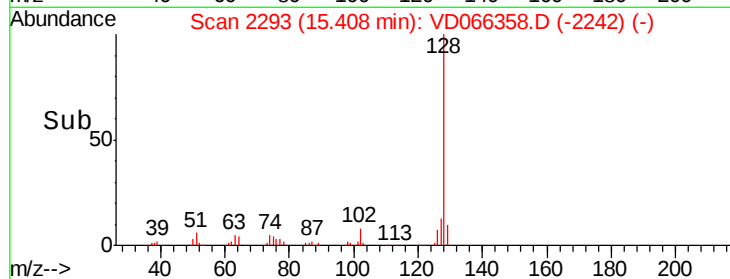
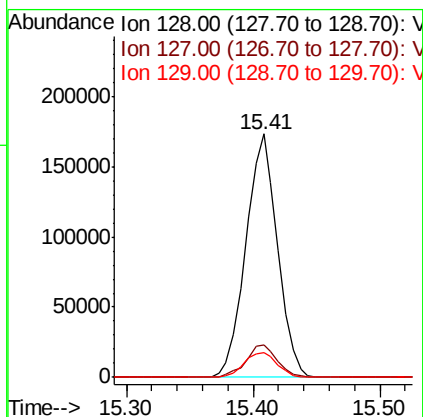
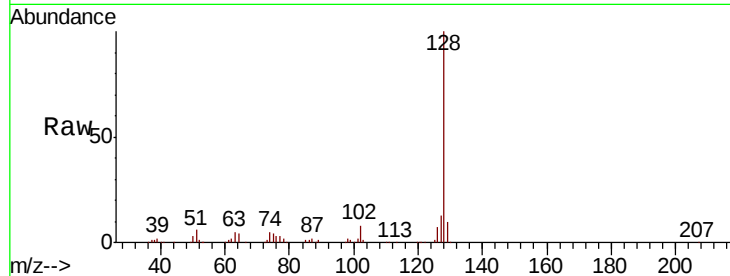




#95
Naphthalene
Concen: 53.408 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	10.6	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.752 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.7	140.0
145	32.2	16.0	48.0

