

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066693.D
 Acq On : 15 Sep 2020 02:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 02:51:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	323384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	562926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	516267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	238248	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	216306	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
35) Dibromofluoromethane	7.91	113	203852	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
50) Toluene-d8	10.34	98	735290	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
62) 4-Bromofluorobenzene	12.63	95	240098	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	136301	51.131	ug/l	89
3) Chloromethane	2.20	50	207043	50.626	ug/l	94
4) Vinyl Chloride	2.35	62	215184	47.440	ug/l	99
5) Bromomethane	2.77	94	157254	55.322	ug/l	86
6) Chloroethane	2.92	64	138882	48.205	ug/l	97
7) Trichlorofluoromethane	3.27	101	356612	53.220	ug/l	99
8) Diethyl Ether	3.71	74	98880	58.601	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	196837	54.277	ug/l	99
10) Methyl Iodide	4.30	142	191828	57.348	ug/l	99
11) Tert butyl alcohol	5.22	59	66994	279.021	ug/l	96
12) 1,1-Dichloroethene	4.06	96	183869	56.434	ug/l	93
13) Acrolein	3.92	56	37569	234.833	ug/l	99
14) Allyl chloride	4.71	41	319161	59.772	ug/l	98
15) Acrylonitrile	5.42	53	227608	314.010	ug/l	99
16) Acetone	4.16	43	182827	253.957	ug/l	98
17) Carbon Disulfide	4.41	76	575045	53.688	ug/l	99
18) Methyl Acetate	4.71	43	105438	61.439	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	474847	62.150	ug/l	97
20) Methylene Chloride	4.96	84	259948	68.737	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	228923	59.168	ug/l	97
22) Diisopropyl ether	6.36	45	702145	63.944	ug/l	98
23) Vinyl Acetate	6.30	43	1961193	313.856	ug/l	98
24) 1,1-Dichloroethane	6.26	63	419651	60.773	ug/l	99
25) 2-Butanone	7.21	43	279708	289.431	ug/l	98
26) 2,2-Dichloropropane	7.20	77	332695	52.525	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	258599	62.154	ug/l	99
28) Bromochloromethane	7.55	49	150372	56.564	ug/l	98
29) Tetrahydrofuran	7.56	42	182560	303.322	ug/l	98
30) Chloroform	7.71	83	451178	61.761	ug/l	97
31) Cyclohexane	7.99	56	328080	51.398	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	398049	57.954	ug/l	99
36) 1,1-Dichloropropene	8.11	75	328652	56.100	ug/l	99
37) Ethyl Acetate	7.29	43	132349	56.734	ug/l	99
38) Carbon Tetrachloride	8.10	117	344185	55.583	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066693.D
 Acq On : 15 Sep 2020 02:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 02:51:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	353042	53.968	ug/l	99
40) Benzene	8.35	78	923872	57.581	ug/l	99
41) Methacrylonitrile	7.52	41	85097	75.360	ug/l #	87
42) 1,2-Dichloroethane	8.42	62	292396	56.245	ug/l	99
43) Isopropyl Acetate	8.44	43	252225	56.420	ug/l	98
44) Trichloroethene	9.11	130	239794	56.976	ug/l	93
45) 1,2-Dichloropropane	9.38	63	234988	58.238	ug/l	90
46) Dibromomethane	9.47	93	129888	58.347	ug/l	99
47) Bromodichloromethane	9.66	83	354095	58.792	ug/l	98
48) Methyl methacrylate	9.45	41	126721	56.058	ug/l	92
49) 1,4-Dioxane	9.46	88	28548	1168.929	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	670104	297.216	ug/l	100
52) Toluene	10.40	92	605533	59.621	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	308126	57.953	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	367897	57.620	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	172530	60.278	ug/l	95
56) Ethyl methacrylate	10.66	69	206125	61.851	ug/l	97
57) 1,3-Dichloropropane	10.94	76	293794	58.601	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	389445	255.487	ug/l	99
59) 2-Hexanone	10.98	43	443971	292.823	ug/l	98
60) Dibromochloromethane	11.14	129	227370	60.073	ug/l	99
61) 1,2-Dibromoethane	11.24	107	164400	59.038	ug/l	98
64) Tetrachloroethene	10.87	164	197257	56.748	ug/l	98
65) Chlorobenzene	11.67	112	616854	57.891	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	237002	58.280	ug/l	98
67) Ethyl Benzene	11.74	91	1150709	58.814	ug/l	100
68) m/p-Xylenes	11.85	106	856957	117.962	ug/l	97
69) o-Xylene	12.18	106	392398	60.271	ug/l	97
70) Styrene	12.19	104	696844	61.566	ug/l	100
71) Bromoform	12.36	173	119805	58.457	ug/l #	97
73) Isopropylbenzene	12.48	105	1079165	61.179	ug/l	99
74) N-amyl acetate	12.29	43	236094	59.095	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	185859	59.640	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	242153	105.683	ug/l #	100
77) Bromobenzene	12.76	156	239791	60.975	ug/l	99
78) n-propylbenzene	12.82	91	1284141	60.052	ug/l	100
79) 2-Chlorotoluene	12.91	91	725821	60.504	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	900140	60.629	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	56023	57.083	ug/l	96
82) 4-Chlorotoluene	13.01	91	757534	59.052	ug/l	99
83) tert-Butylbenzene	13.23	119	753815	62.175	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	911534	61.667	ug/l	98
85) sec-Butylbenzene	13.40	105	1050274	60.128	ug/l	100
86) p-Isopropyltoluene	13.51	119	956207	60.820	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	455503	58.343	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	449611	57.376	ug/l	99
89) n-Butylbenzene	13.84	91	864159	56.405	ug/l	99
90) Hexachloroethane	14.11	117	196283	57.942	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	398857	58.448	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30252	57.146	ug/l	98

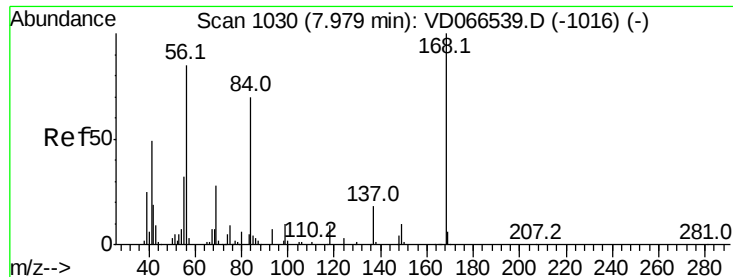
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091420\
Data File : VD066693.D
Acq On : 15 Sep 2020 02:32
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 15 02:51:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	244978	59.817	ug/l	97
94) Hexachlorobutadiene	15.27	225	136473	55.467	ug/l	96
95) Naphthalene	15.40	128	461130	64.434	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	211672	60.622	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

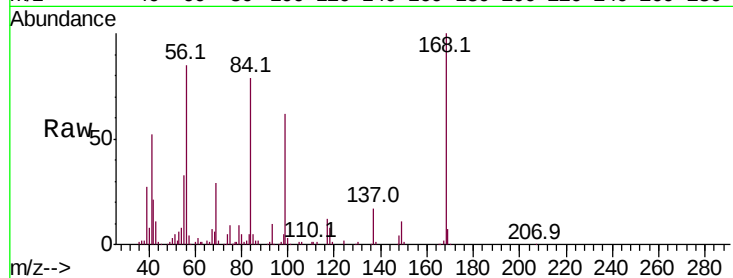
ClientSampleId :

Tot Ion:168 Resp: 323384

Ion Ratio Lower Upper

168 100

99 61.5 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

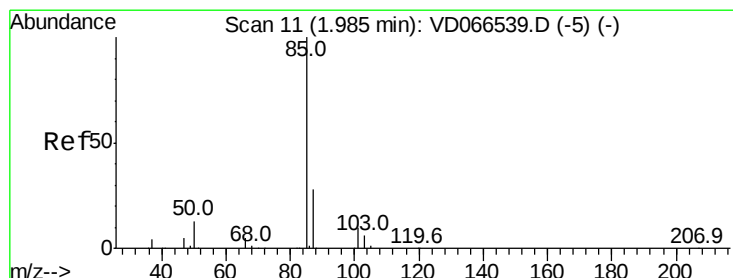
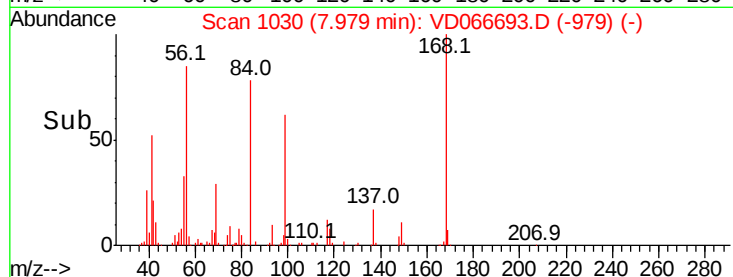
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 51.131 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066693.D

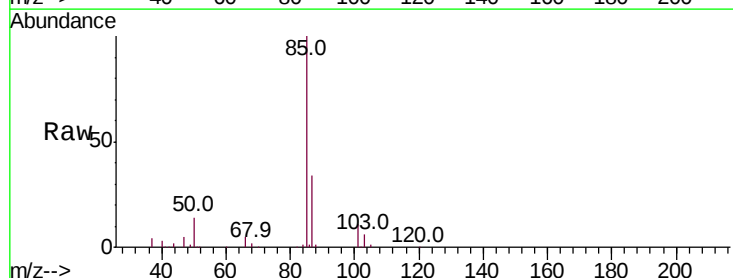
Acq: 15 Sep 2020 02:32

Tgt Ion: 85 Resp: 136301

Ion Ratio Lower Upper

85 100

87 34.2 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

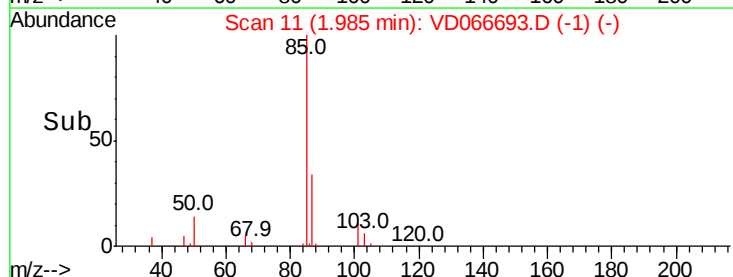
40000

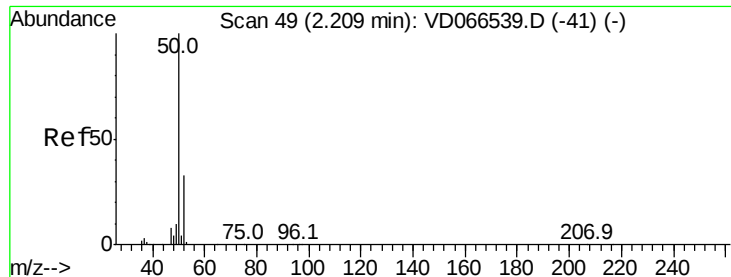
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 50.626 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

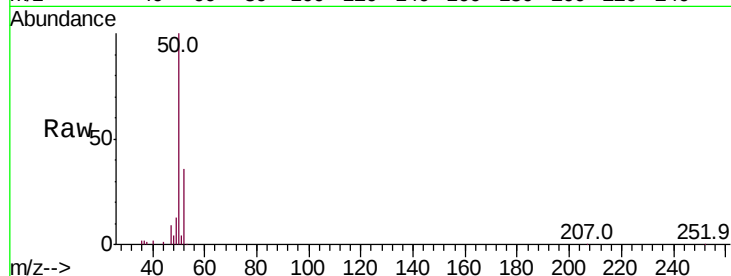
ClientSampleId :

Tot Ion: 50 Resp: 207043

Ion Ratio Lower Upper

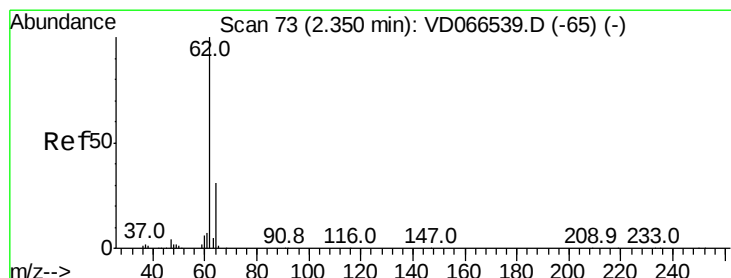
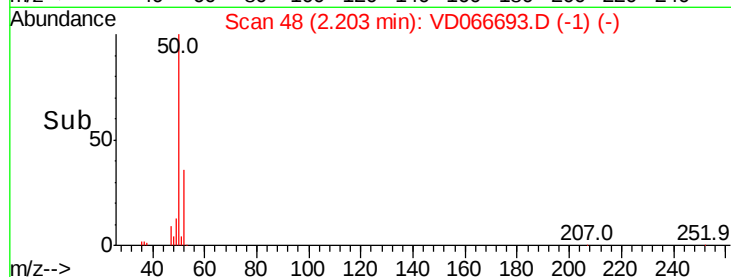
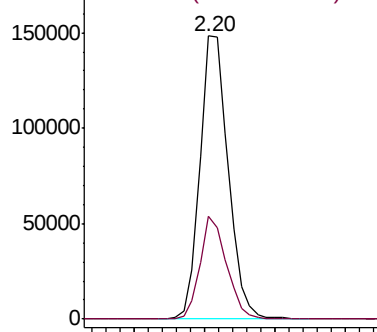
50 100

52 36.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 47.440 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066693.D

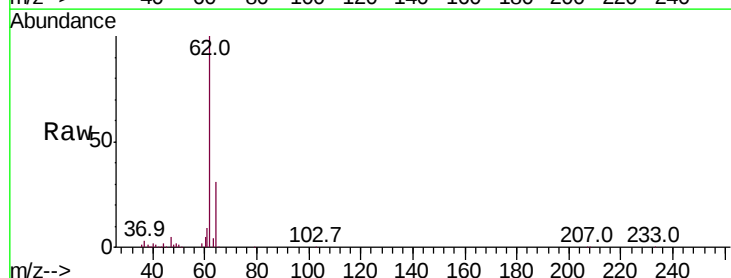
Acq: 15 Sep 2020 02:32

Tgt Ion: 62 Resp: 215184

Ion Ratio Lower Upper

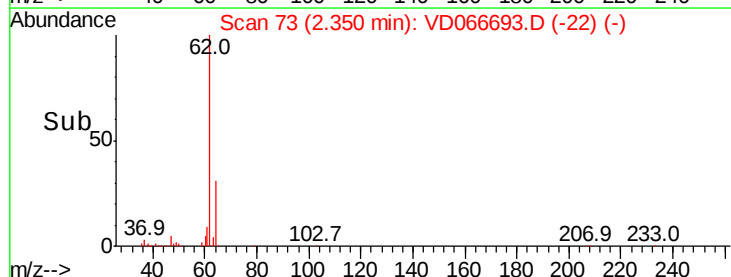
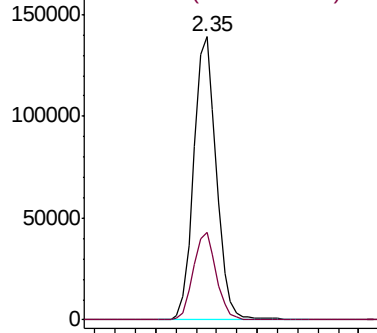
62 100

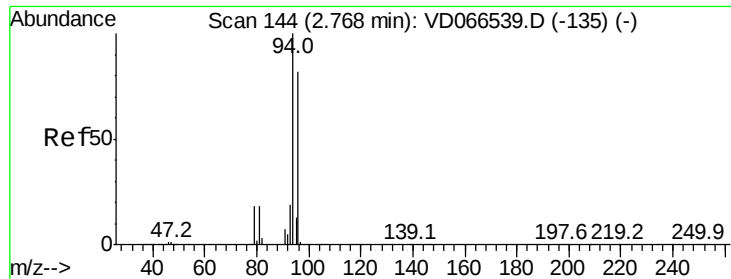
64 31.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 55.322 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

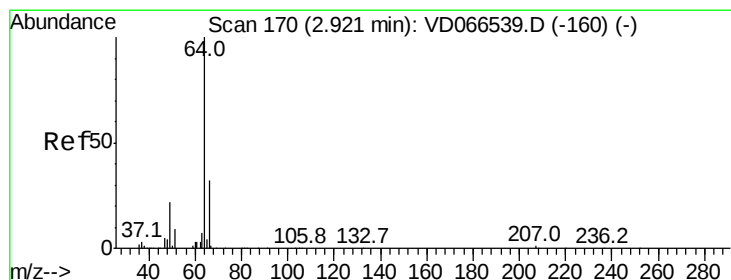
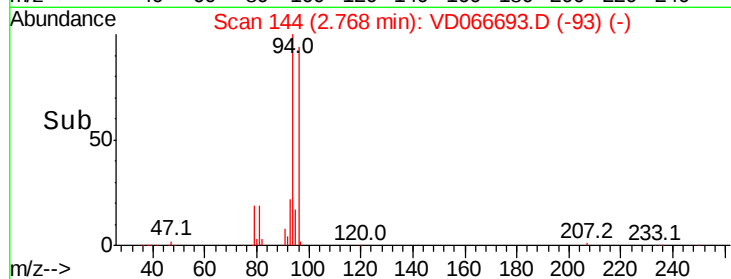
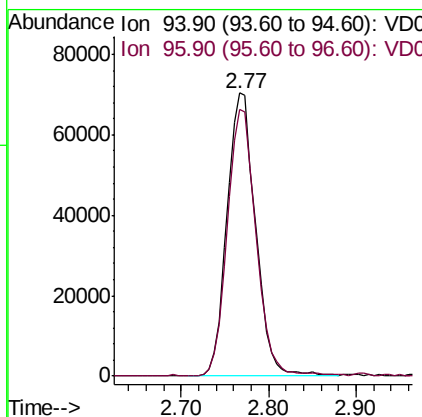
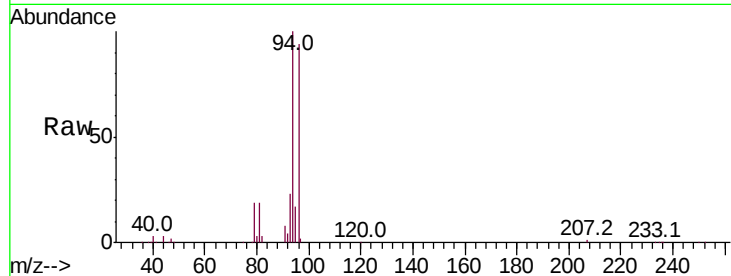
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 94 Resp: 157254

Ion Ratio Lower Upper

94 100

96 94.2 65.2 97.8



#6

Chloroethane

Concen: 48.205 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066693.D

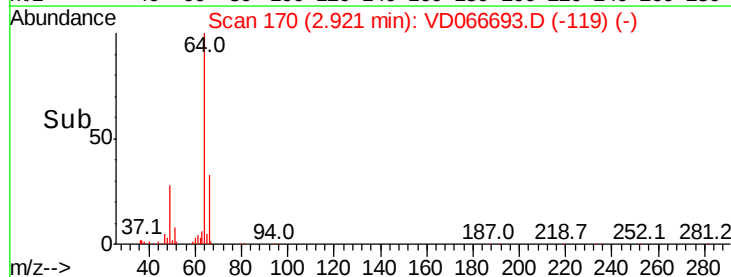
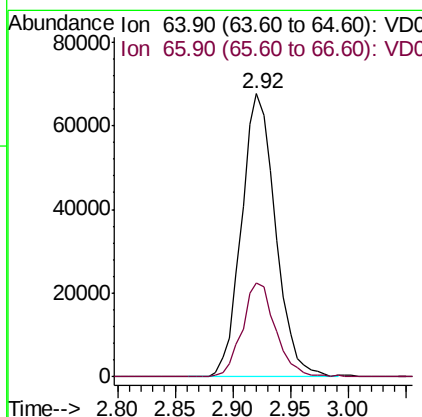
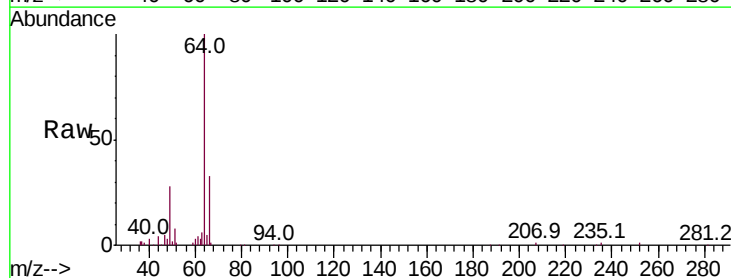
Acq: 15 Sep 2020 02:32

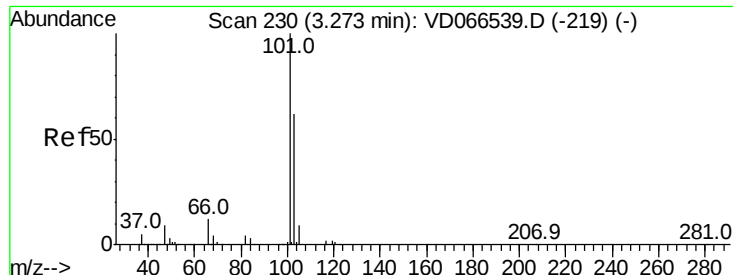
Tgt Ion: 64 Resp: 138882

Ion Ratio Lower Upper

64 100

66 33.2 25.4 38.0



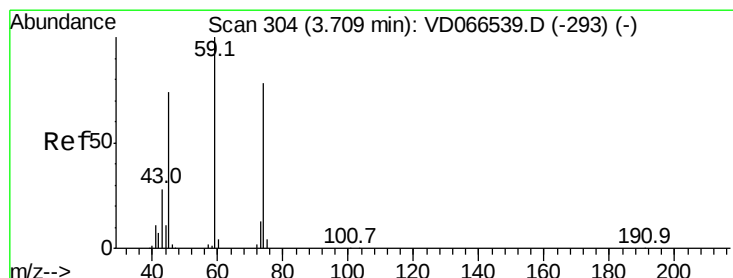
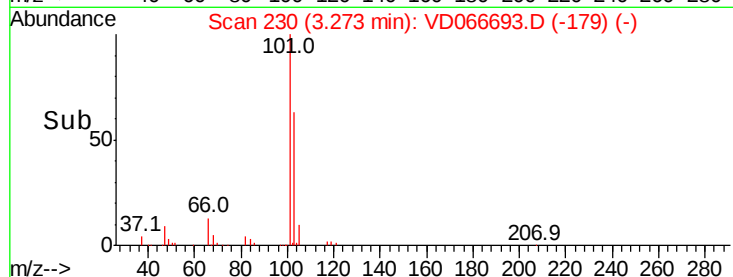
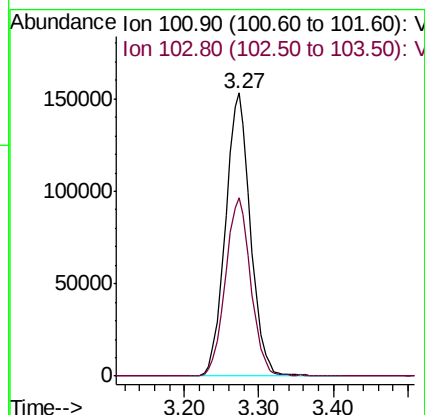
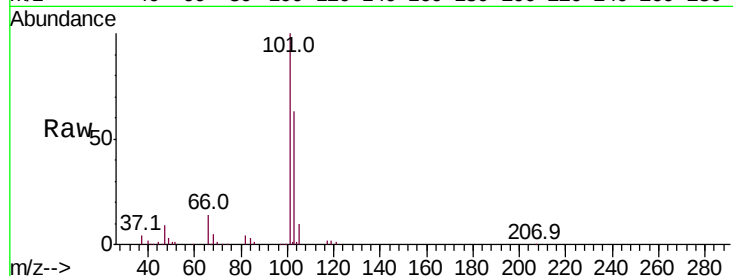


#7

Trichlorofluoromethane
 Concen: 53.220 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :

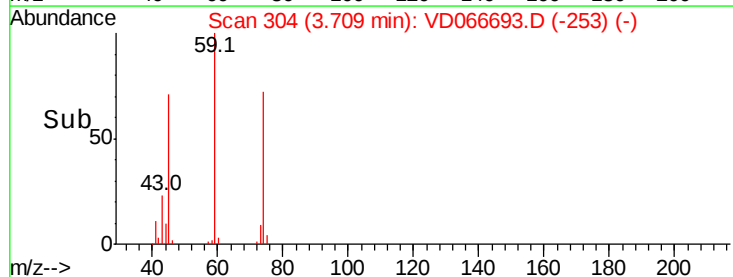
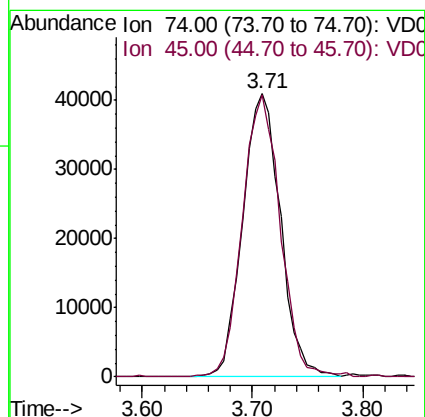
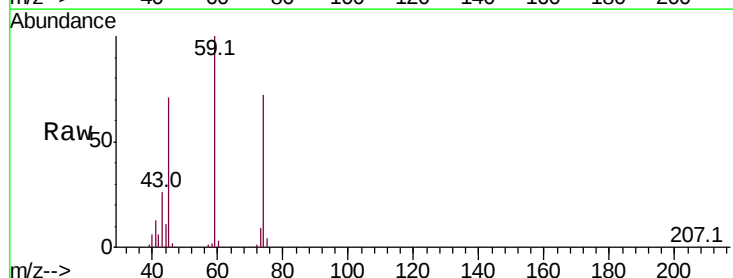
Tot Ion:101 Resp: 356612
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.7 74.5

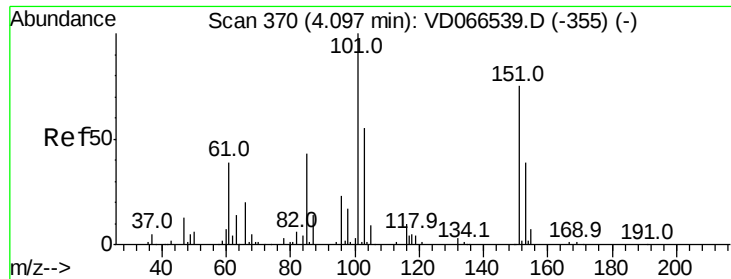


#8

Diethyl Ether
 Concen: 58.601 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion: 74 Resp: 98880
 Ion Ratio Lower Upper
 74 100
 45 99.5 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.277 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

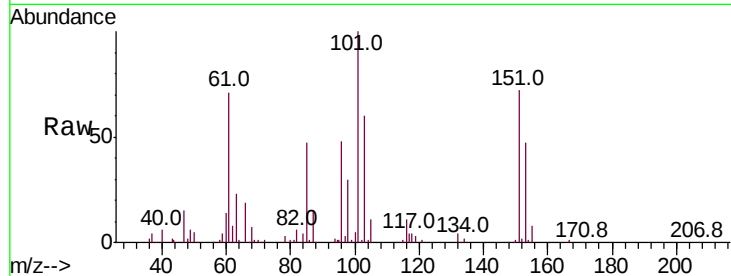
Tot Ion:101 Resp: 196837

Ion Ratio Lower Upper

101 100

85 46.3 37.0 55.6

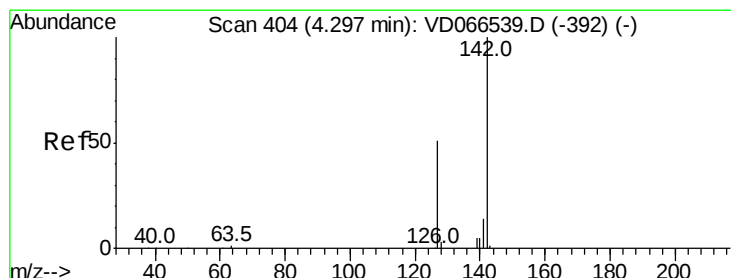
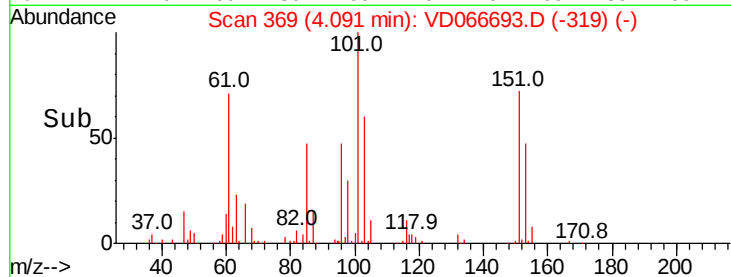
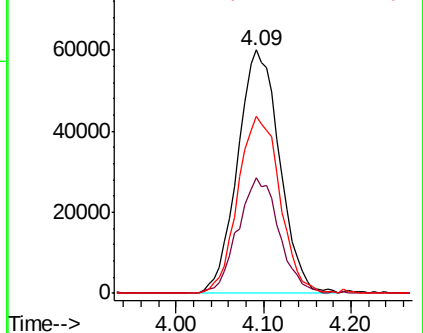
151 72.5 59.4 89.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.348 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

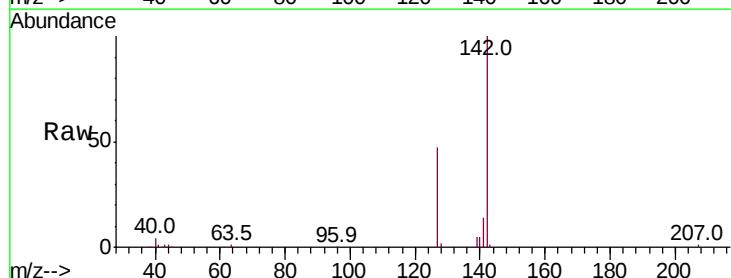
Tgt Ion:142 Resp: 191828

Ion Ratio Lower Upper

142 100

127 49.9 40.6 61.0

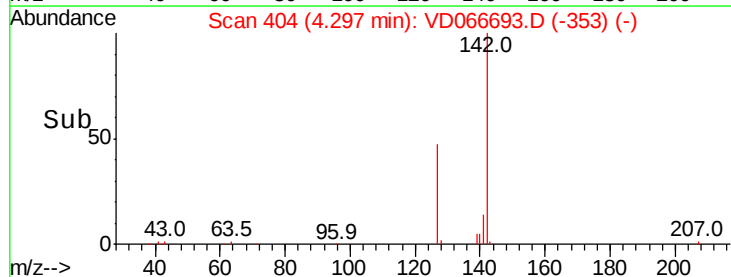
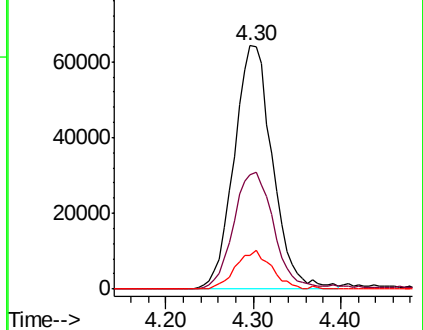
141 14.8 12.2 18.4

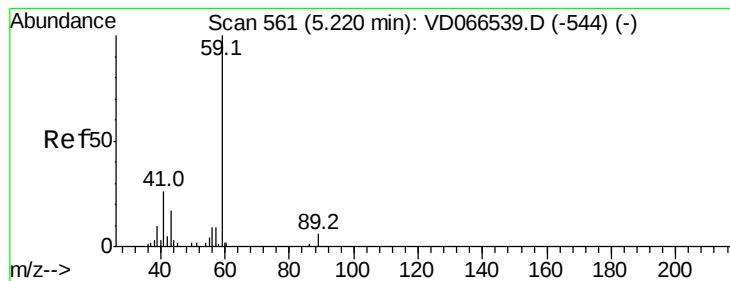


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 279.021 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

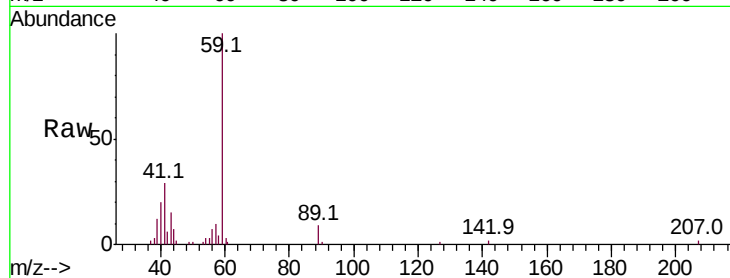
ClientSampleId :

Tot Ion: 59 Resp: 66994

Ion Ratio Lower Upper

59 100

57 8.0 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

20000

15000

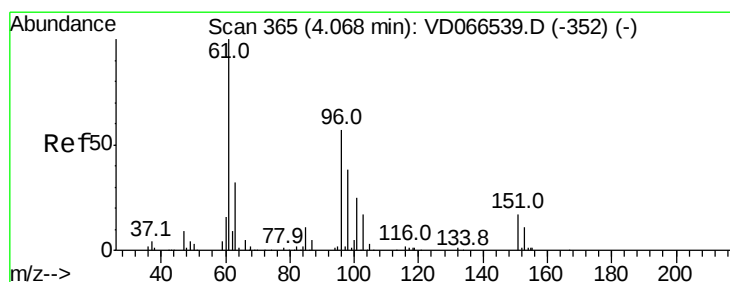
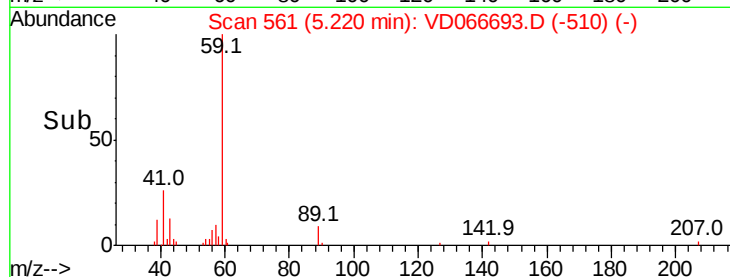
10000

5000

0

Time--> 5.00 5.10 5.20 5.30 5.40

5.22



#12

1,1-Dichloroethene

Concen: 56.434 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

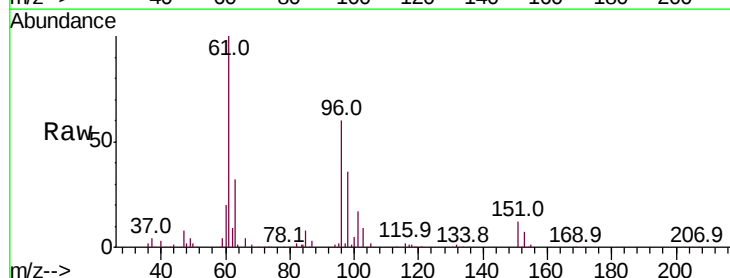
Tgt Ion: 96 Resp: 183869

Ion Ratio Lower Upper

96 100

61 167.8 140.9 211.3

98 60.1 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

150000

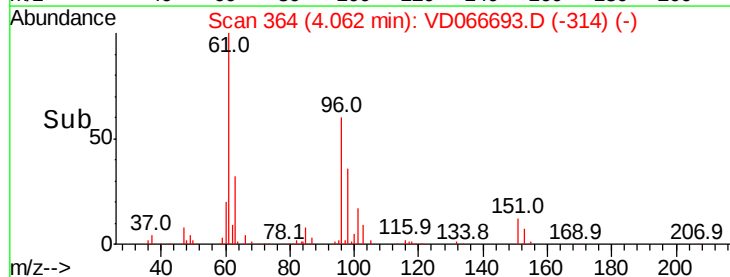
100000

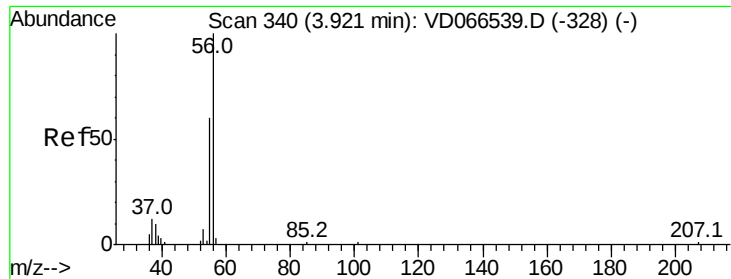
50000

0

Time--> 4.00 4.10

4.06





#13

Acrolein

Concen: 234.833 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

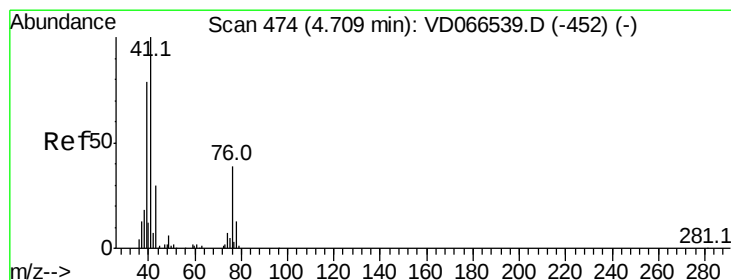
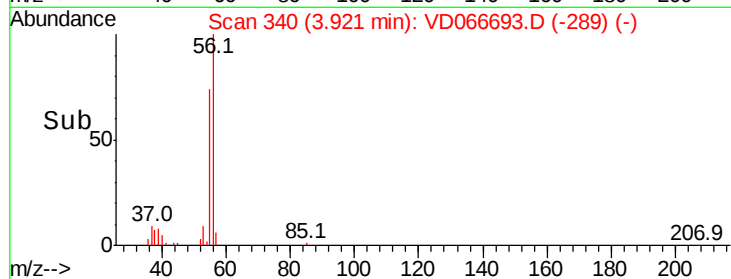
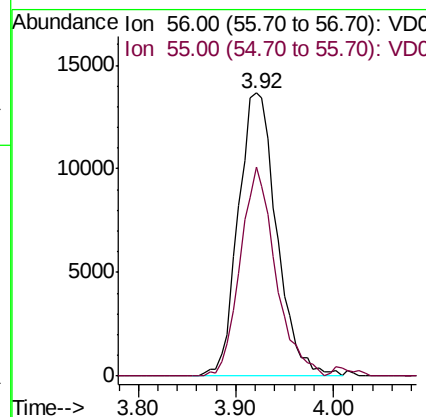
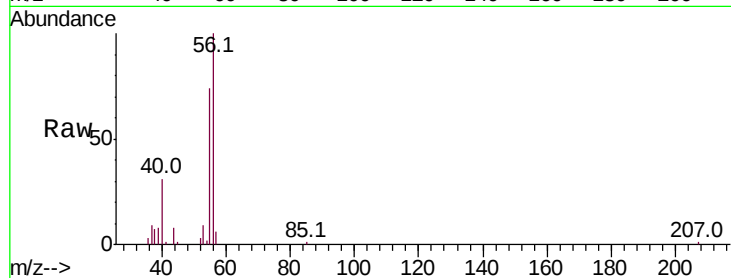
ClientSampled :

Tot Ion: 56 Resp: 37569

Ion Ratio Lower Upper

56 100

55 68.1 53.6 80.4



#14

Allyl chloride

Concen: 59.772 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

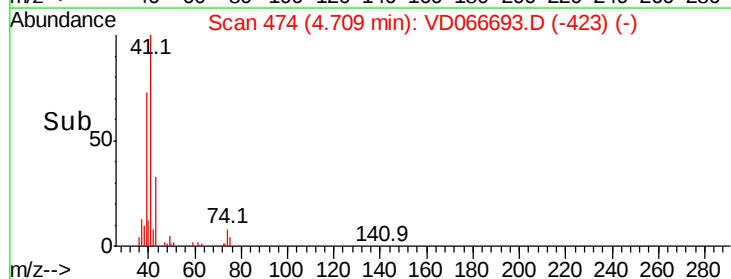
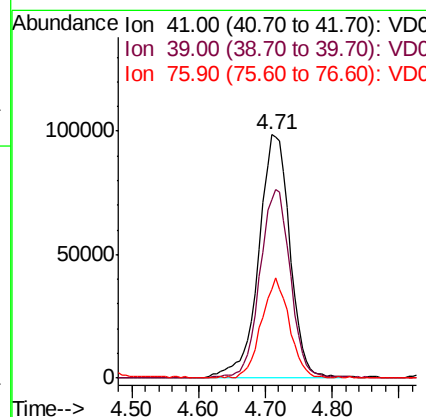
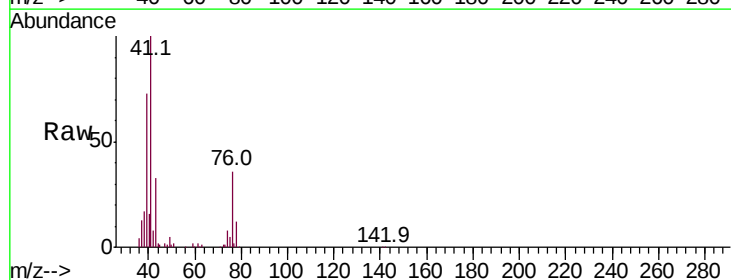
Tgt Ion: 41 Resp: 319161

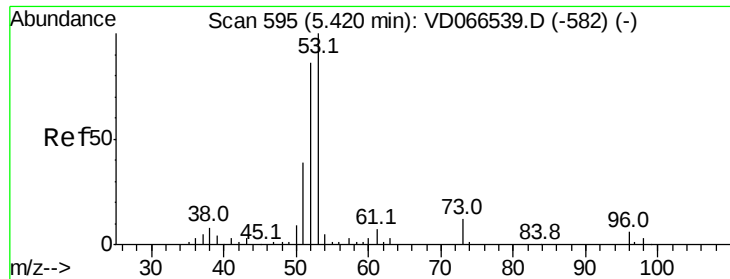
Ion Ratio Lower Upper

41 100

39 75.0 61.9 92.9

76 36.8 29.0 43.6





#15

Acrylonitrile

Concen: 314.010 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampled :

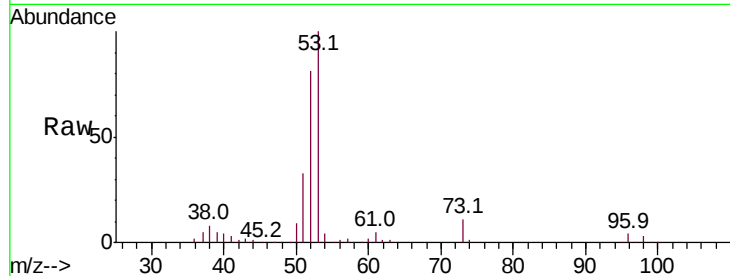
Tot Ion: 53 Resp: 227608

Ion Ratio Lower Upper

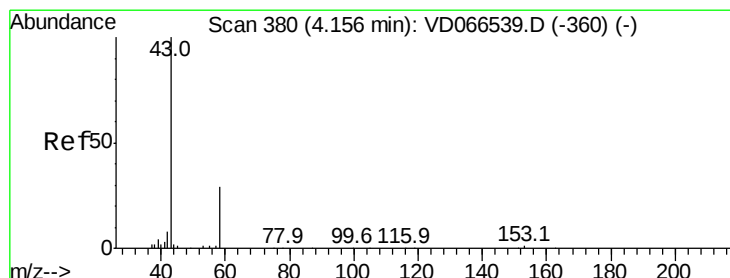
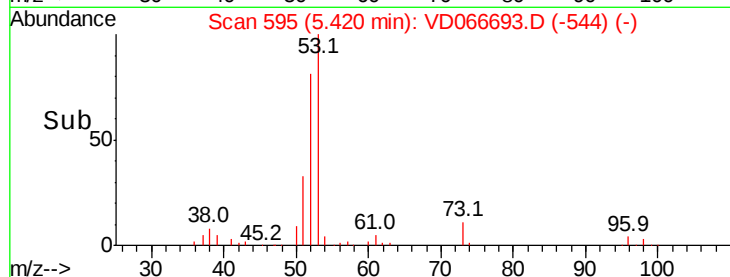
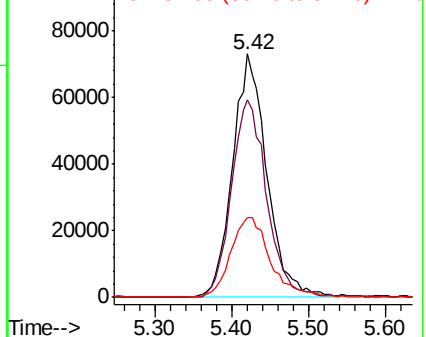
53 100

52 82.8 65.4 98.2

51 37.9 31.2 46.8



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



#16

Acetone

Concen: 253.957 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066693.D

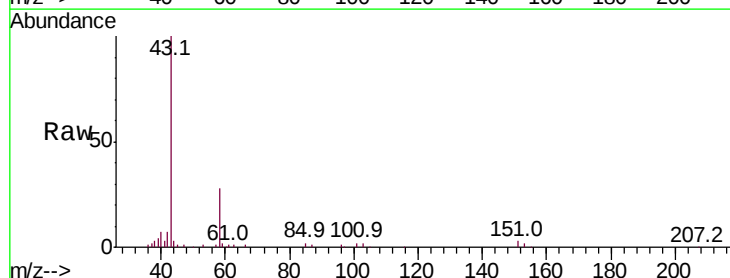
Acq: 15 Sep 2020 02:32

Tgt Ion: 43 Resp: 182827

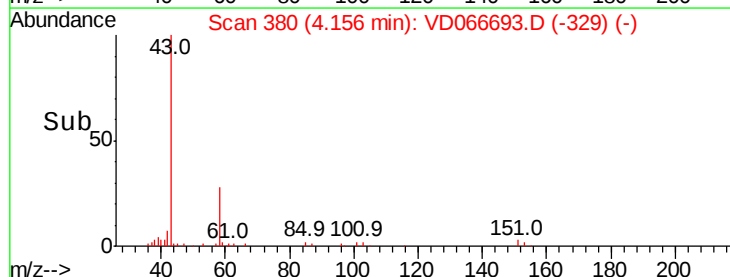
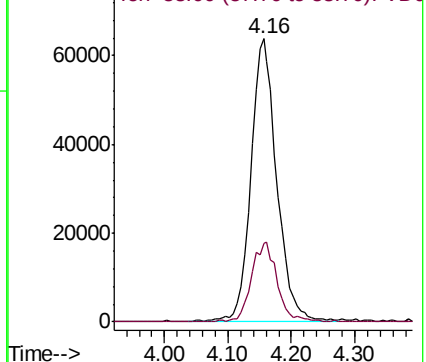
Ion Ratio Lower Upper

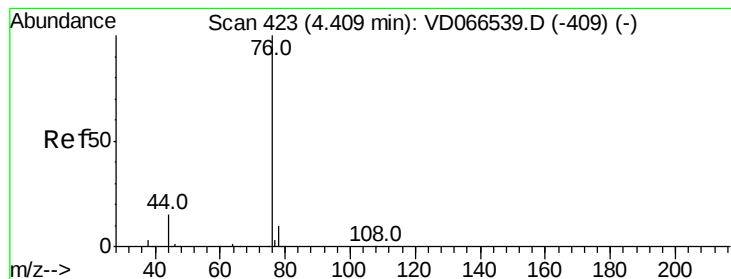
43 100

58 27.6 22.9 34.3



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





#17

Carbon Disulfide

Concen: 53.688 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

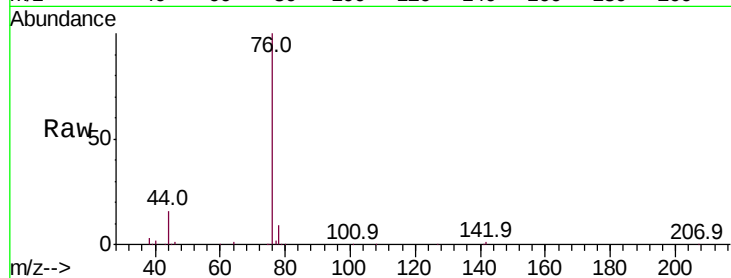
ClientSampleId :

Tot Ion: 76 Resp: 575045

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

200000

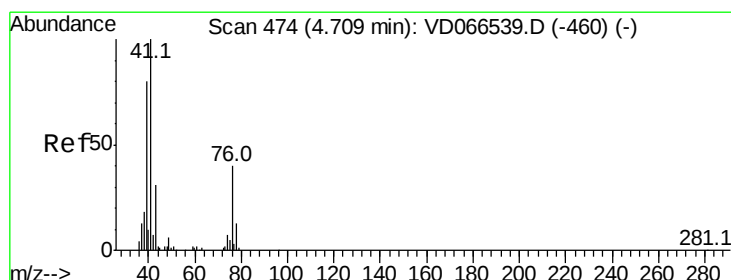
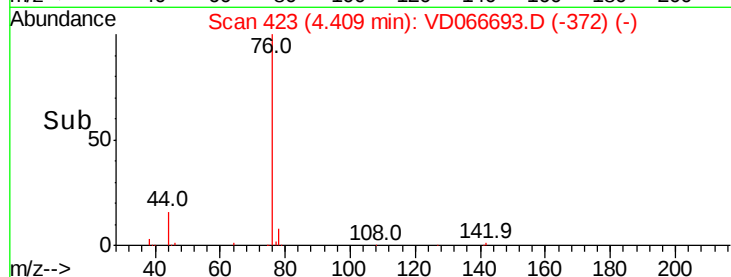
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 61.439 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066693.D

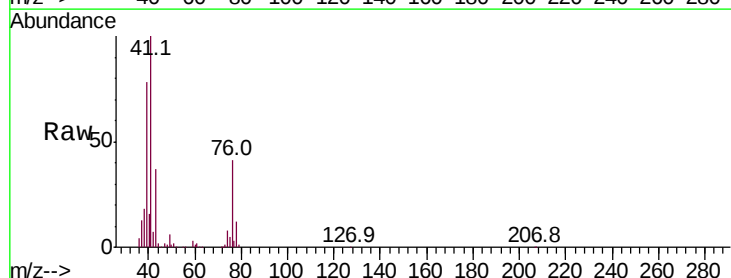
Acq: 15 Sep 2020 02:32

Tgt Ion: 43 Resp: 105438

Ion Ratio Lower Upper

43 100

74 23.7 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

40000

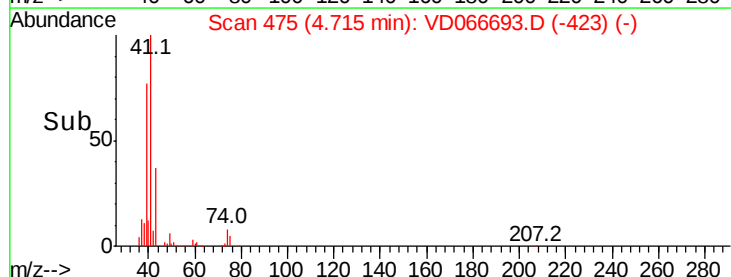
30000

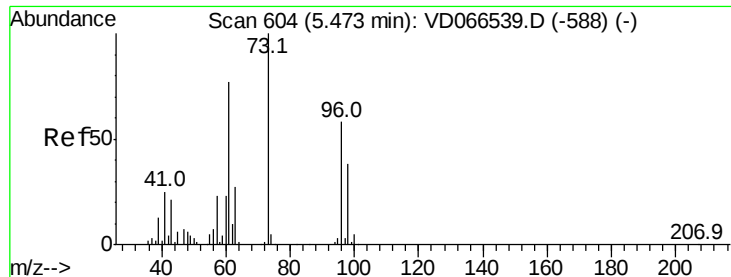
20000

10000

0

Time-->



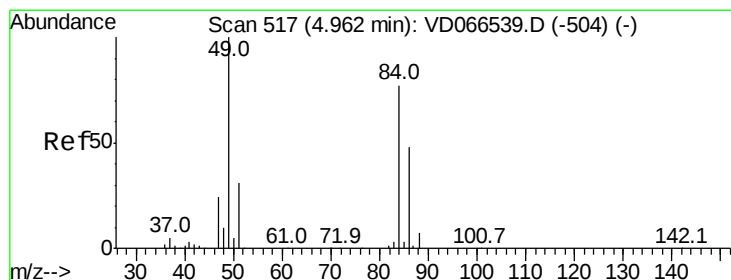
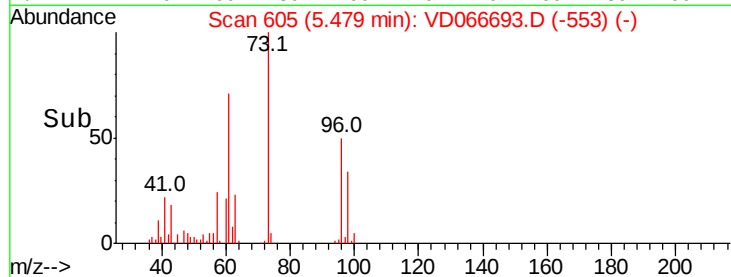
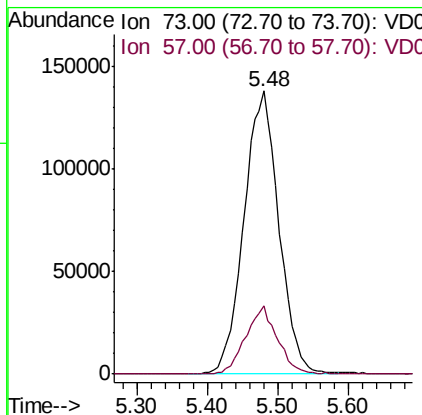
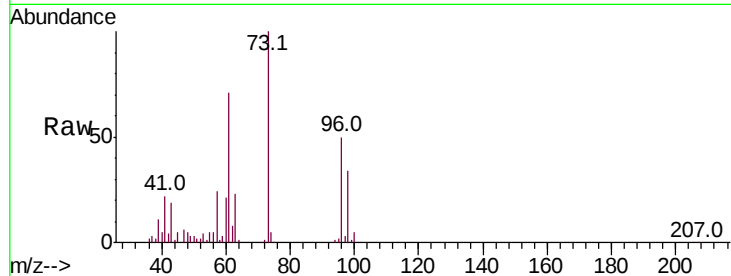


#19

Methyl tert-butyl Ether
 Concen: 62.150 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :

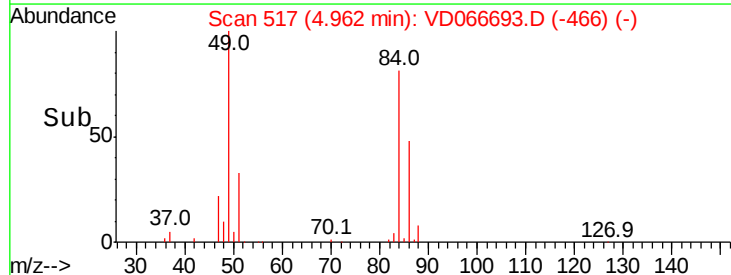
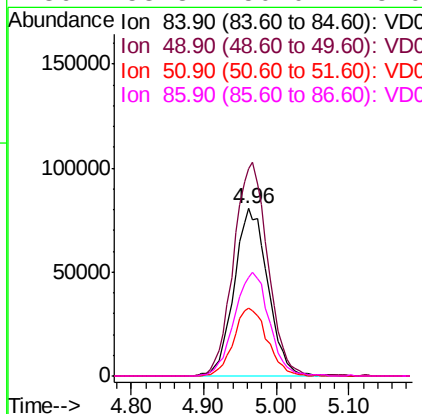
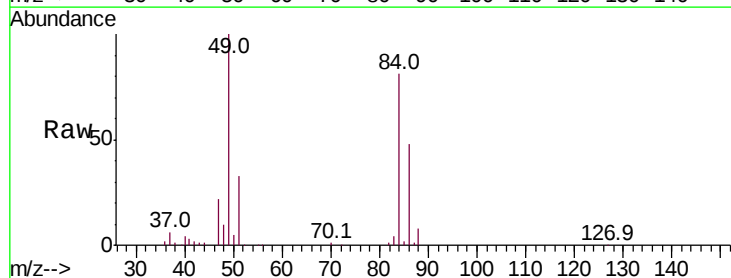
Tot Ion: 73 Resp: 474847
 Ion Ratio Lower Upper
 73 100
 57 24.3 18.3 27.5

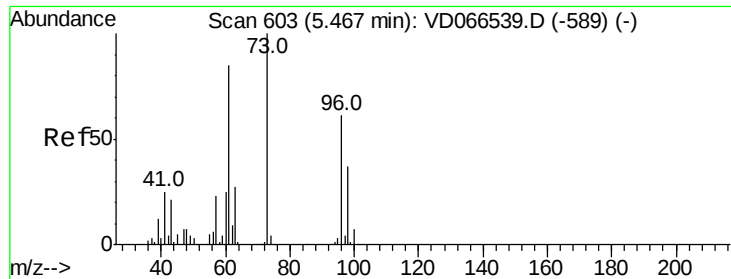


#20

Methylene Chloride
 Concen: 68.737 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion: 84 Resp: 259948
 Ion Ratio Lower Upper
 84 100
 49 123.8 104.3 156.5
 51 40.6 32.2 48.4
 86 58.8 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 59.168 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :

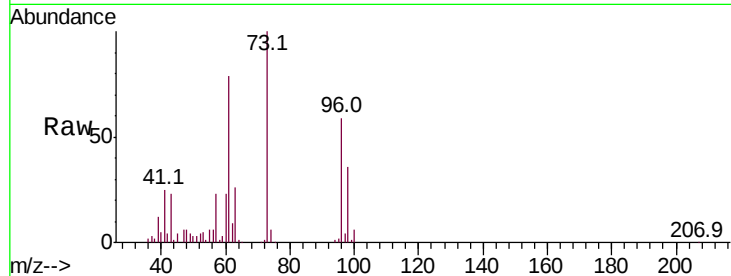
Tot Ion: 96 Resp: 228923

Ion Ratio Lower Upper

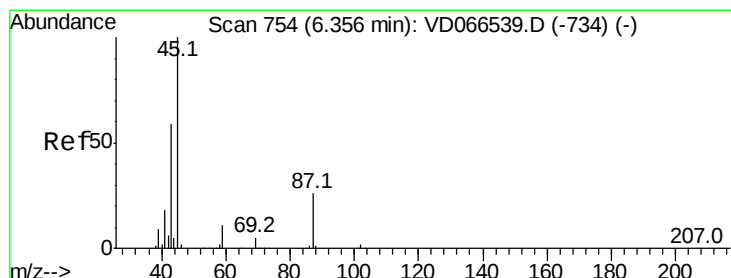
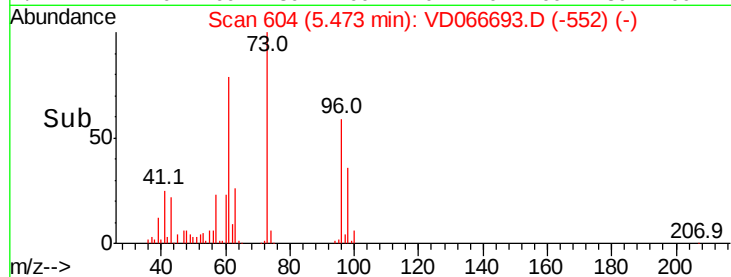
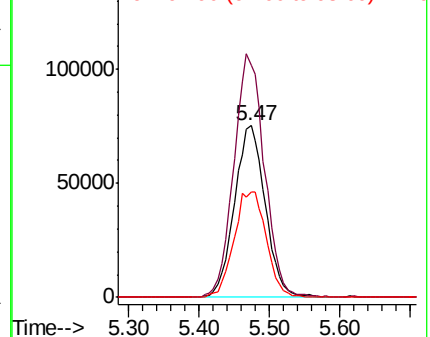
96 100

61 134.9 112.1 168.1

98 61.3 48.6 72.8



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



#22

Diisopropyl ether

Concen: 63.944 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Tgt Ion: 45 Resp: 702145

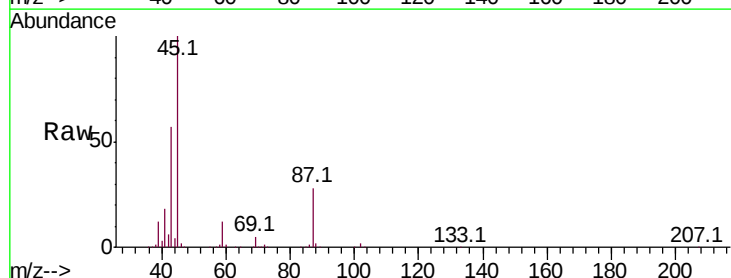
Ion Ratio Lower Upper

45 100

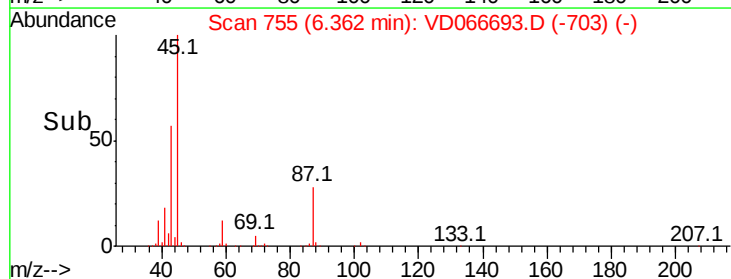
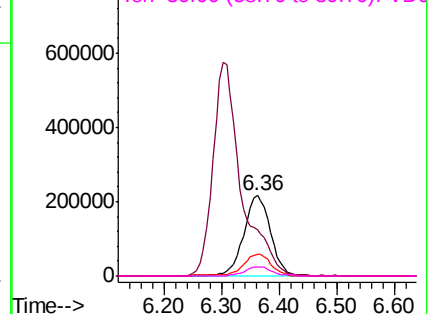
43 56.9 47.0 70.4

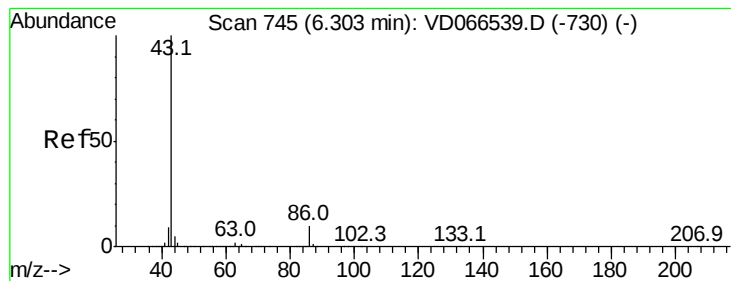
87 27.7 21.3 31.9

59 11.9 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 313.856 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

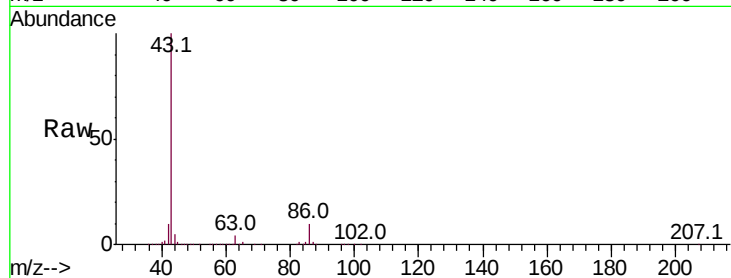
ClientSampleId :

Tot Ion: 43 Resp: 1961193

Ion Ratio Lower Upper

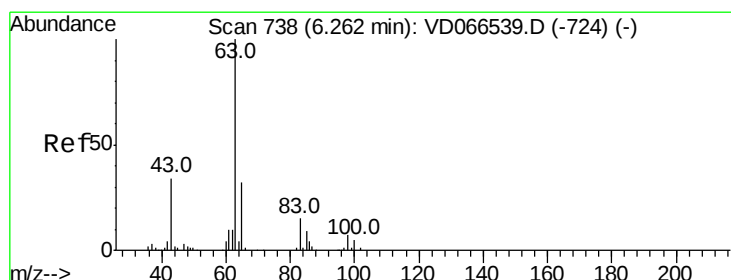
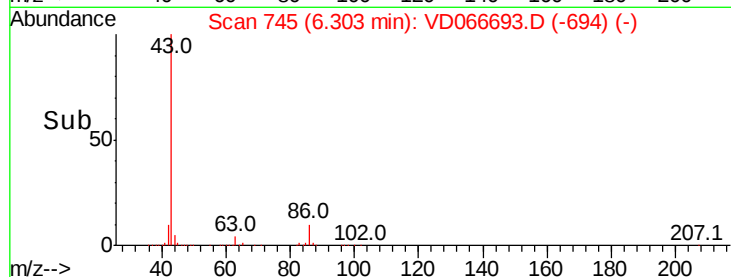
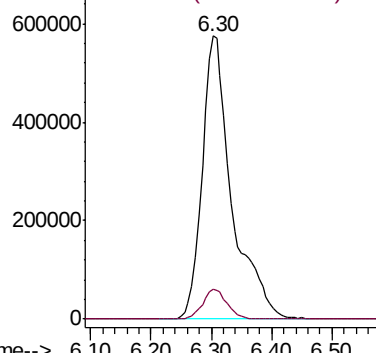
43 100

86 10.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 60.773 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

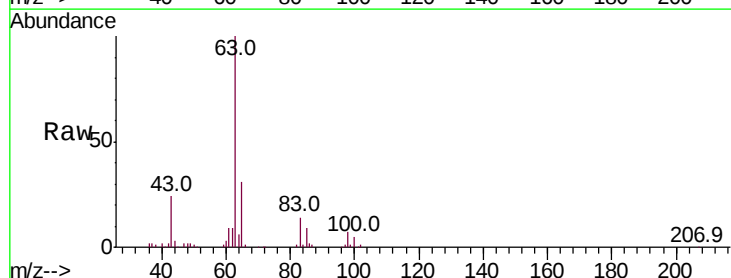
Tgt Ion: 63 Resp: 419651

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

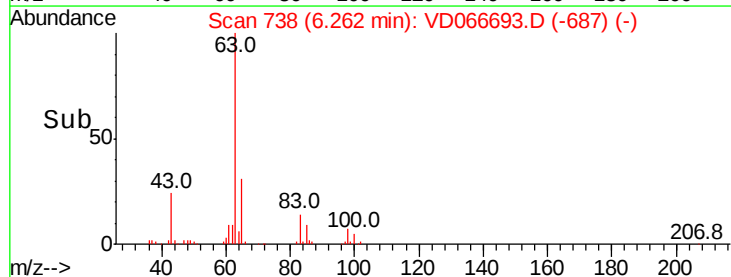
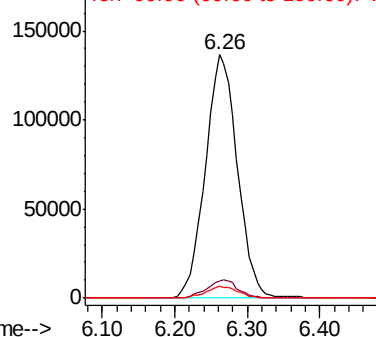
100 4.8 2.5 7.4

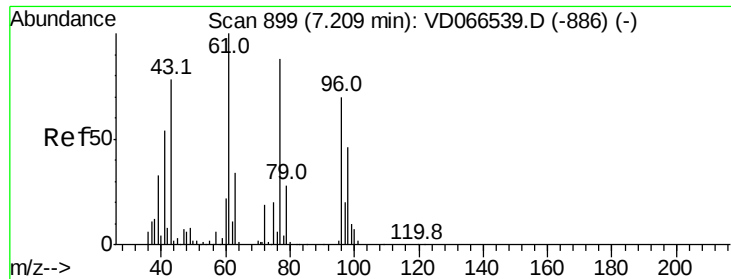


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 289.431 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

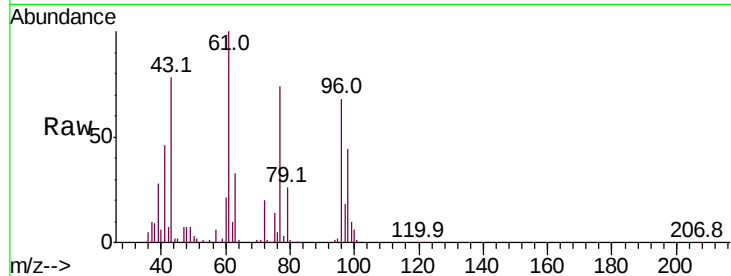
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 279708

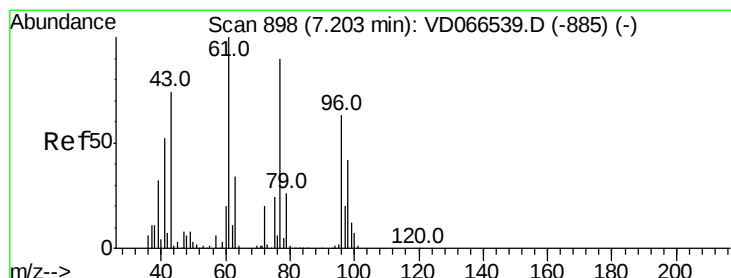
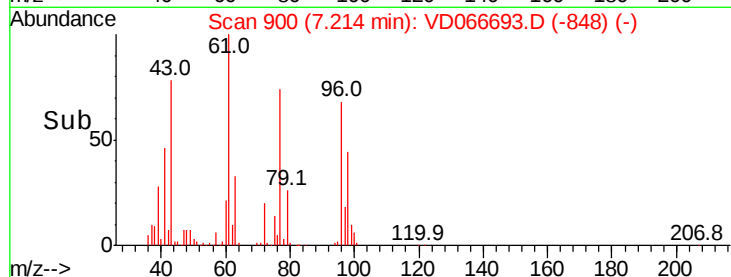
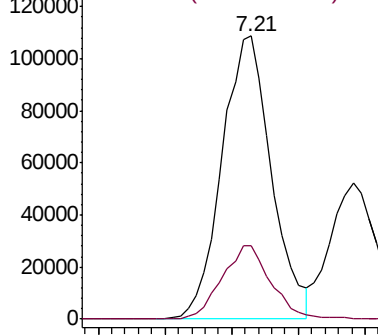
Ion Ratio Lower Upper

43 100

72 25.9 19.8 29.6



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



#26

2,2-Dichloropropane

Concen: 52.525 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.00 min

Lab File: VD066693.D

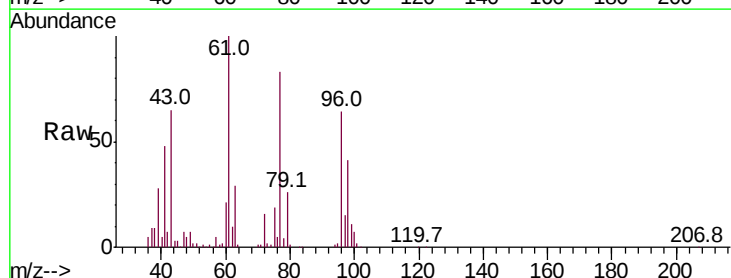
Acq: 15 Sep 2020 02:32

Tgt Ion: 77 Resp: 332695

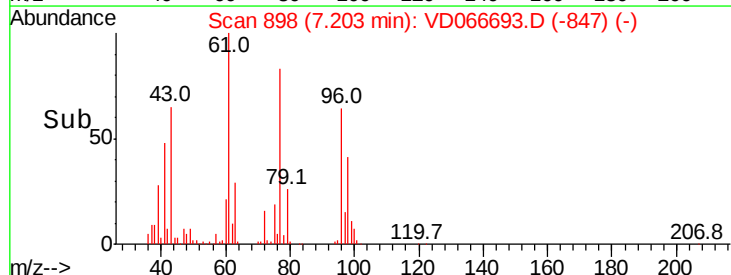
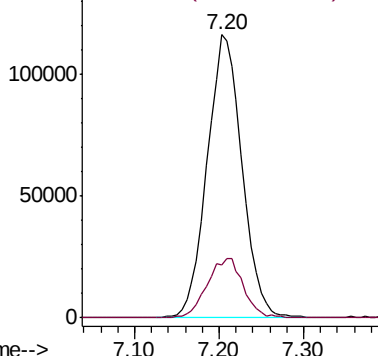
Ion Ratio Lower Upper

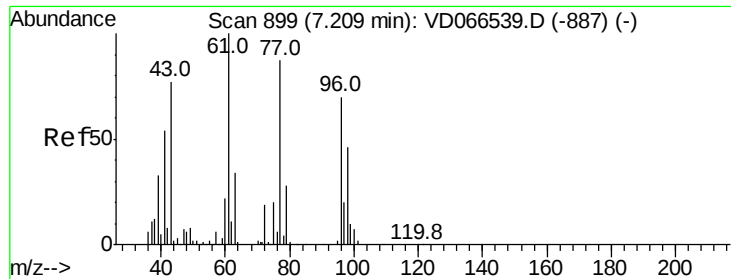
77 100

97 21.8 10.8 32.3



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

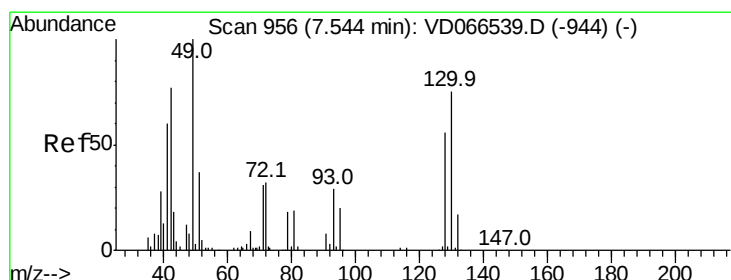
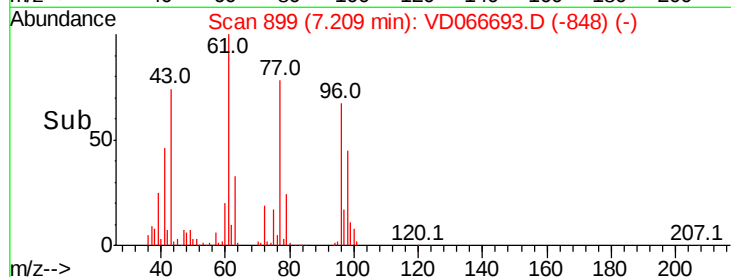
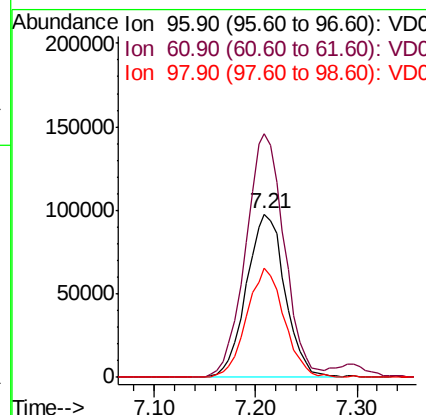
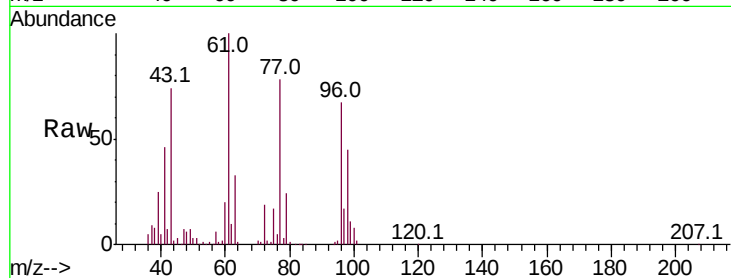




#27
 cis-1,2-Dichloroethene
 Concen: 62.154 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

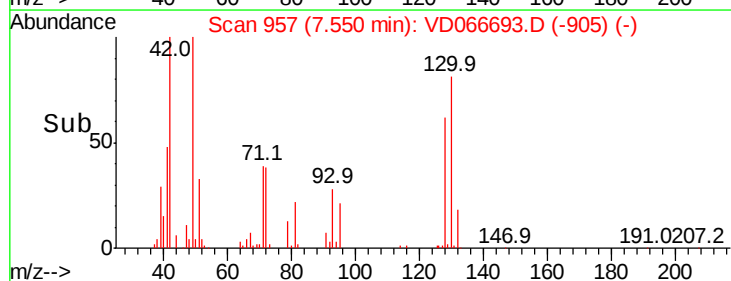
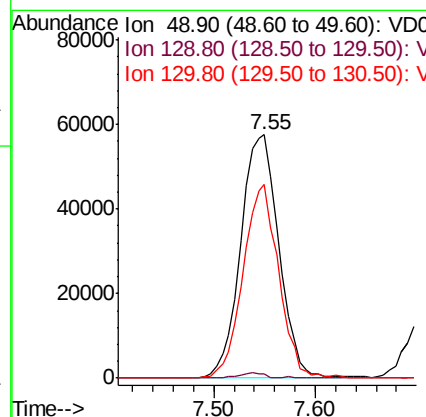
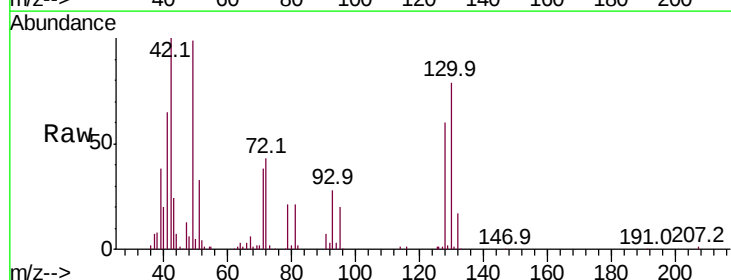
Instrument :
 MSVOA_D
 ClientSampled :

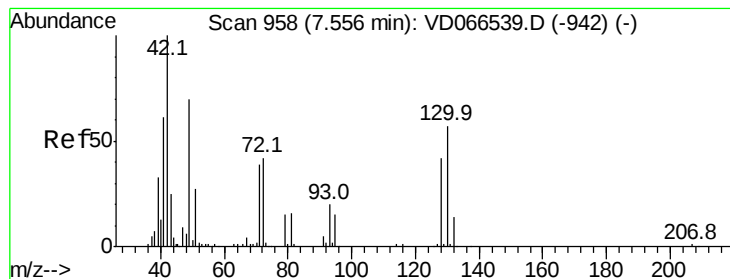
Tot Ion	96	Resp	258599
Ion Ratio	Lower	Upper	
96	100		
61	149.6	0.0	301.0
98	65.3	0.0	129.8



#28
 Bromochloromethane
 Concen: 56.564 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion	49	Resp	150372
Ion Ratio	Lower	Upper	
49	100		
129	1.5	0.0	2.6
130	74.2	58.2	87.2





#29

Tetrahydrofuran

Concen: 303.322 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

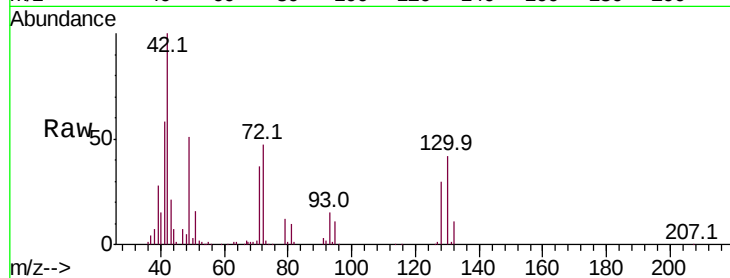
Tot Ion: 42 Resp: 182560

Ion Ratio Lower Upper

42 100

72 44.2 33.4 50.0

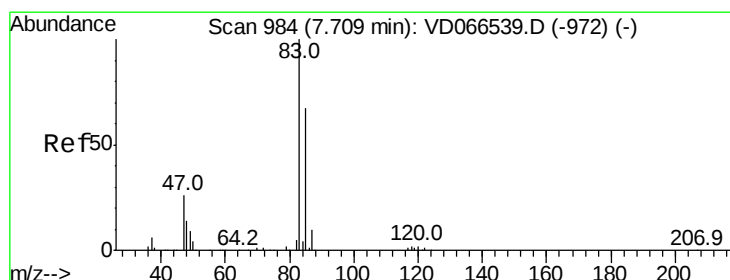
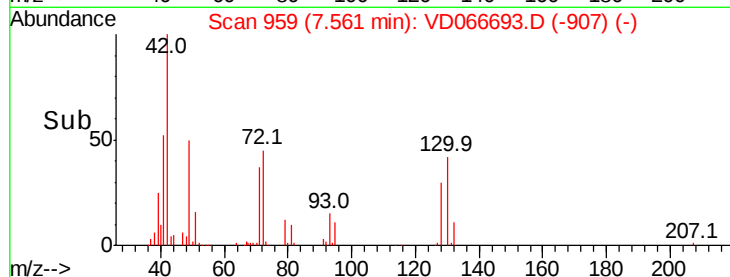
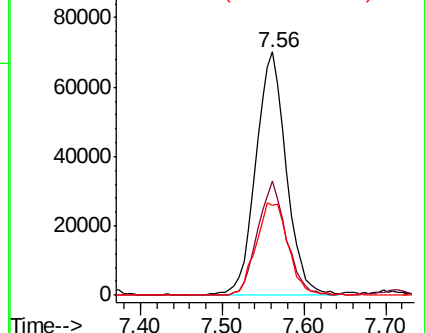
71 40.2 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 61.761 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066693.D

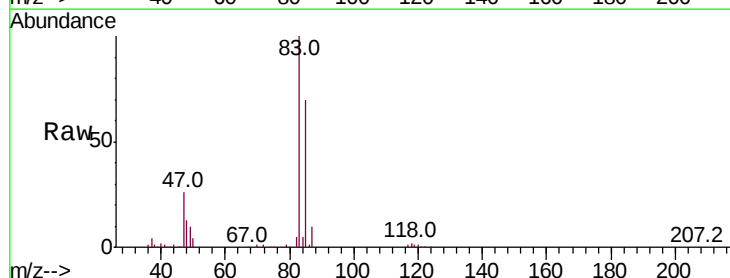
Acq: 15 Sep 2020 02:32

Tgt Ion: 83 Resp: 451178

Ion Ratio Lower Upper

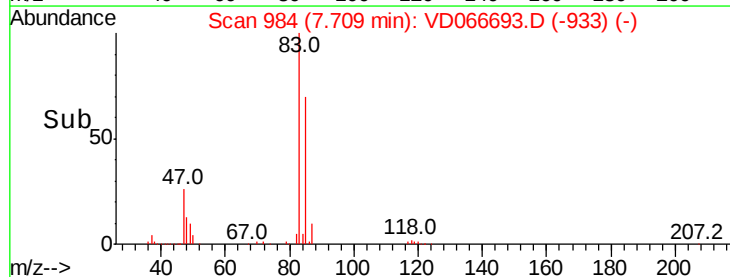
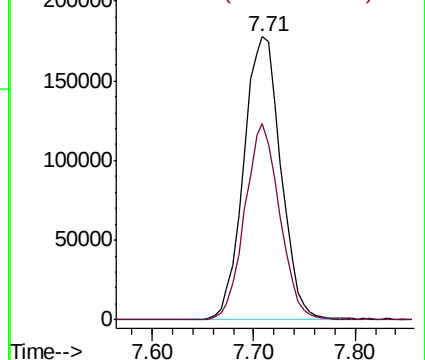
83 100

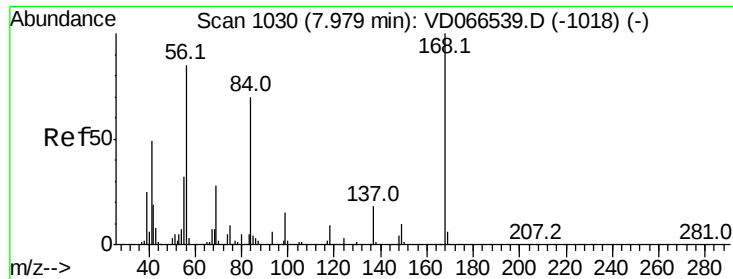
85 69.5 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

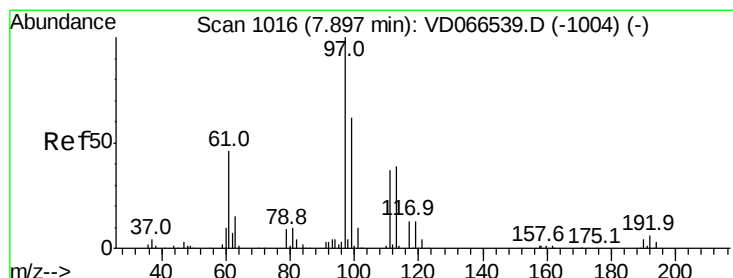
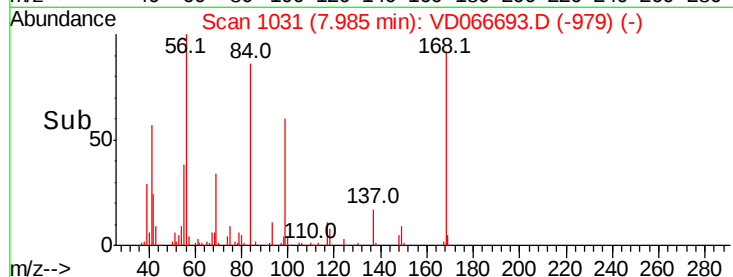
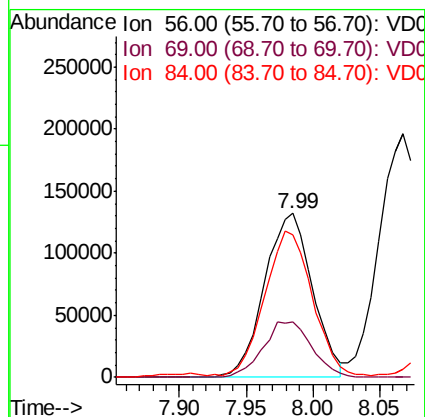
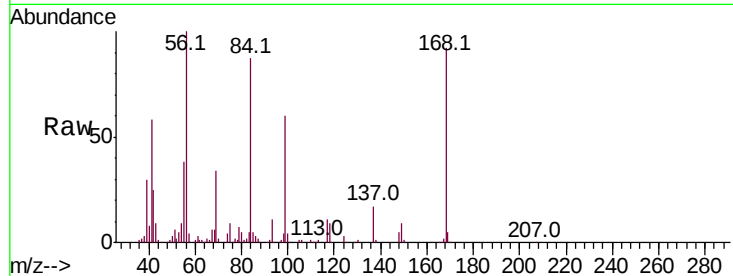




#31
Cyclohexane
Concen: 51.398 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

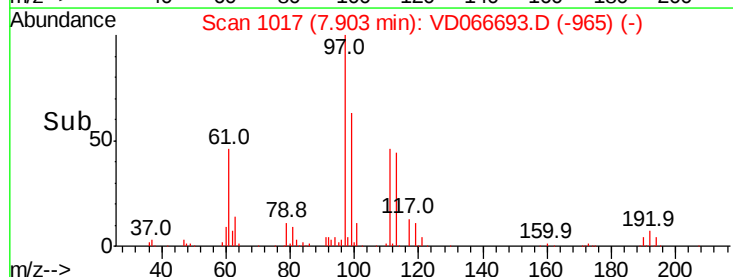
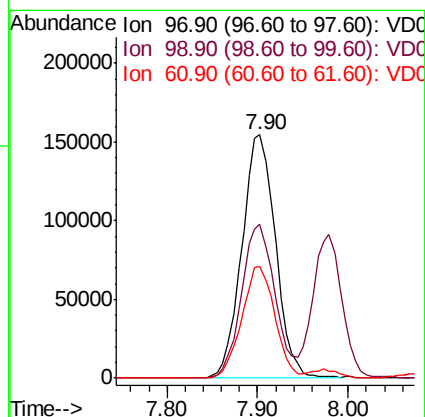
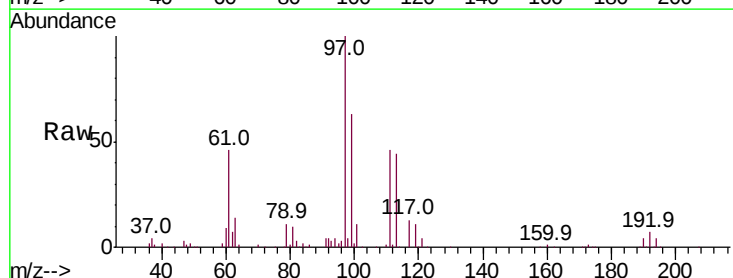
Instrument :
MSVOA_D
ClientSampled :

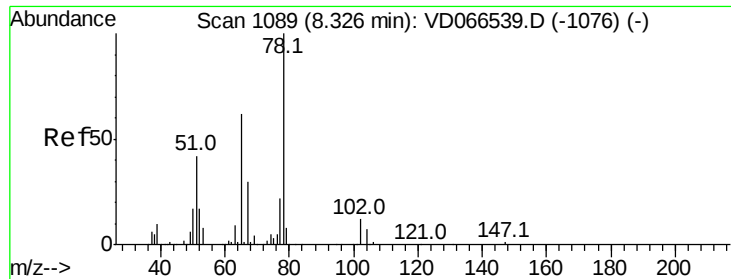
Tot Ion: 56 Resp: 328080
Ion Ratio Lower Upper
56 100
69 33.8 26.3 39.5
84 85.0 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 57.954 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion: 97 Resp: 398049
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.0
61 45.3 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 55.284 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

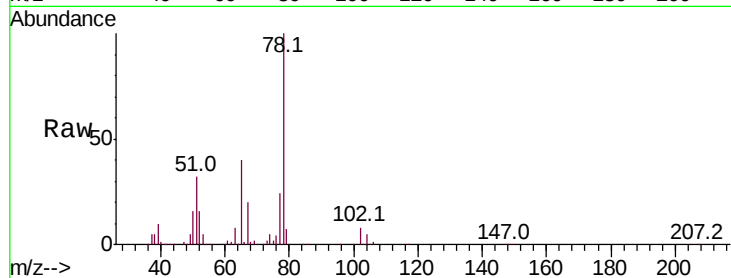
ClientSampleId :

Tot Ion: 65 Resp: 216306

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

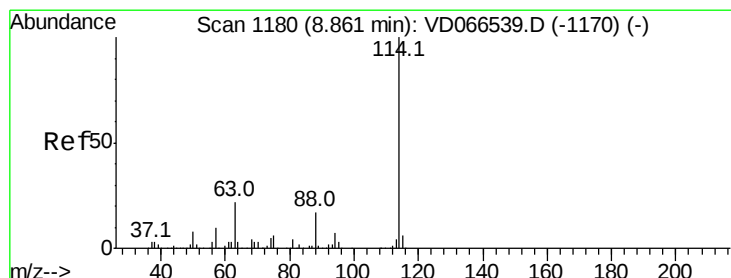
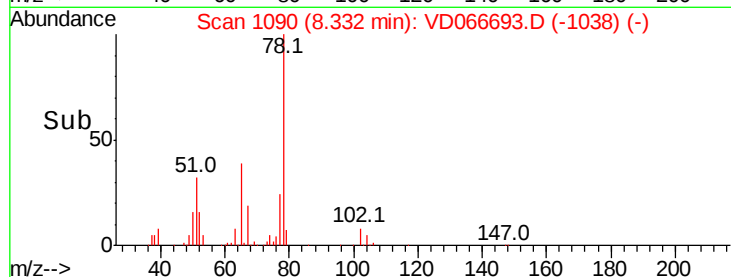
60000

40000

20000

0

Time--> 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

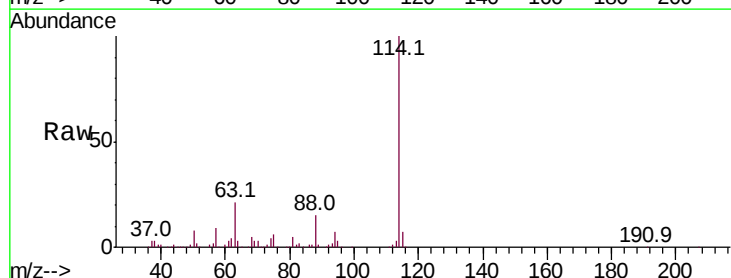
Tgt Ion: 114 Resp: 562926

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

88 15.3 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

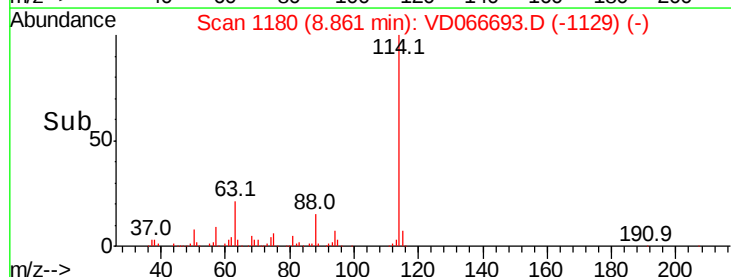
300000

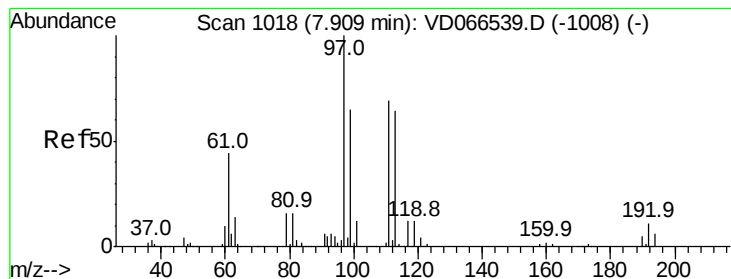
200000

100000

0

Time--> 8.80 8.90 9.00





#35

Dibromofluoromethane

Concen: 53.680 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

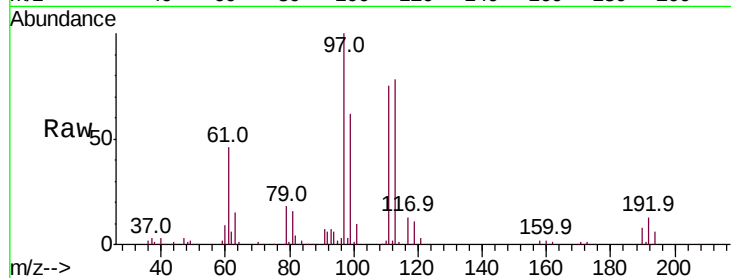
Tot Ion:113 Resp: 203852

Ion Ratio Lower Upper

113 100

111 101.5 83.2 124.8

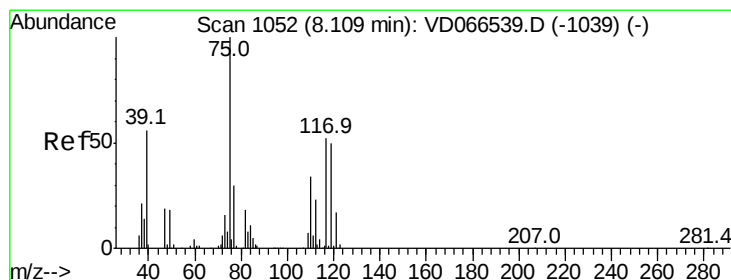
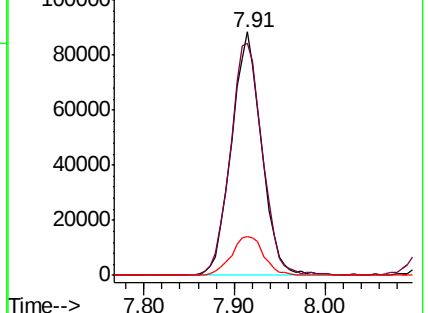
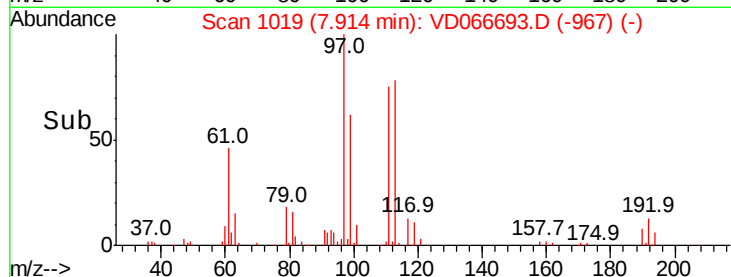
192 17.3 13.7 20.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 56.100 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

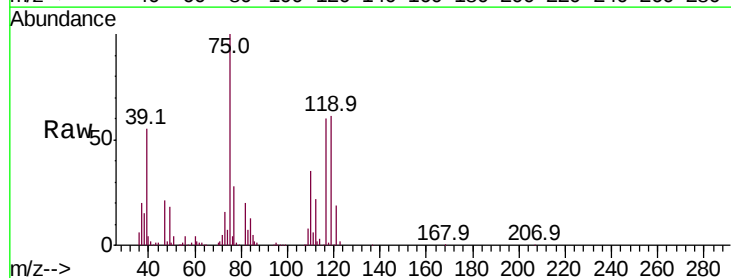
Tgt Ion: 75 Resp: 328652

Ion Ratio Lower Upper

75 100

110 33.9 17.3 52.0

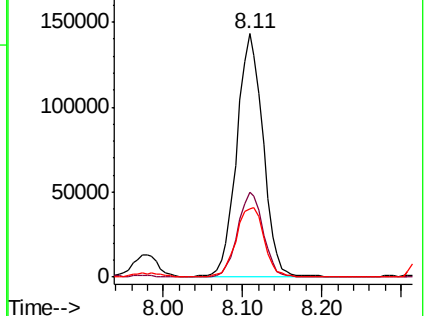
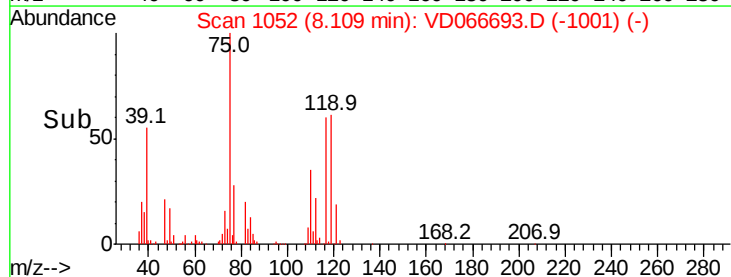
77 30.7 25.1 37.7

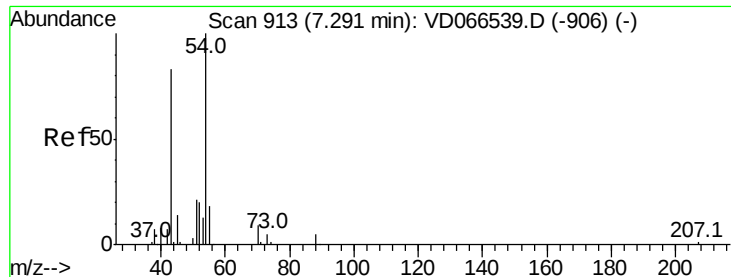


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

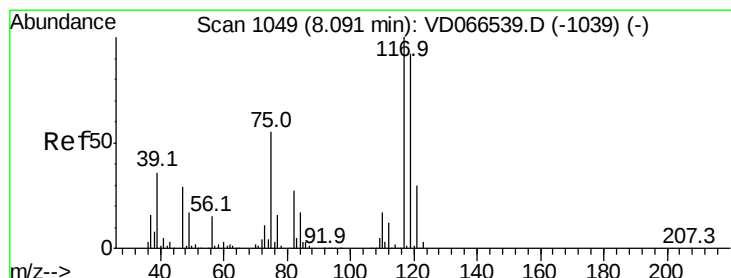
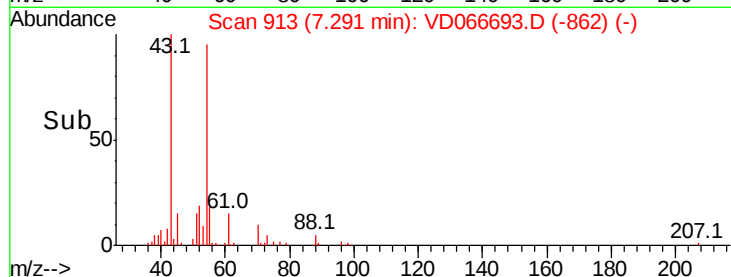
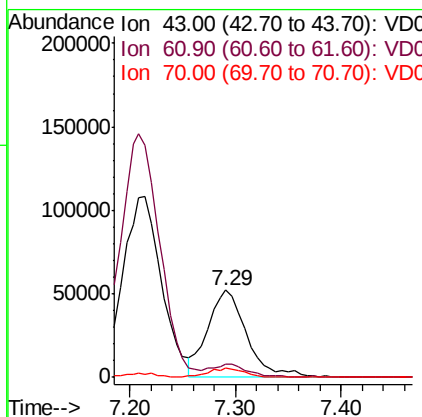
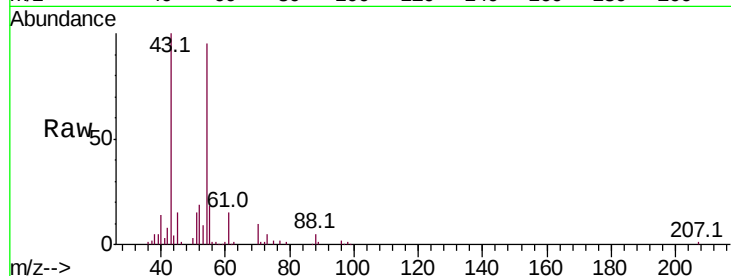




#37
Ethyl Acetate
Concen: 56.734 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

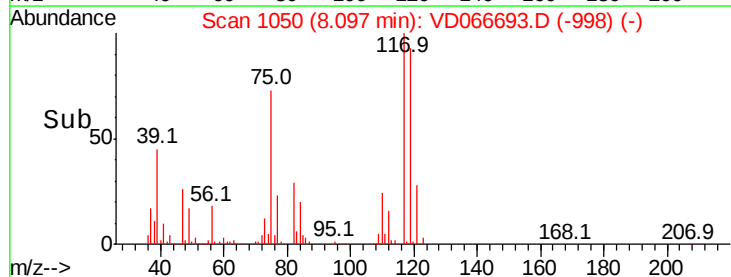
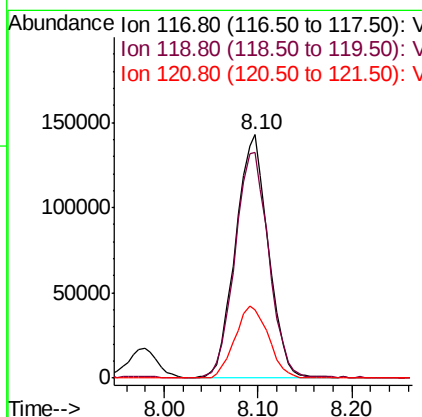
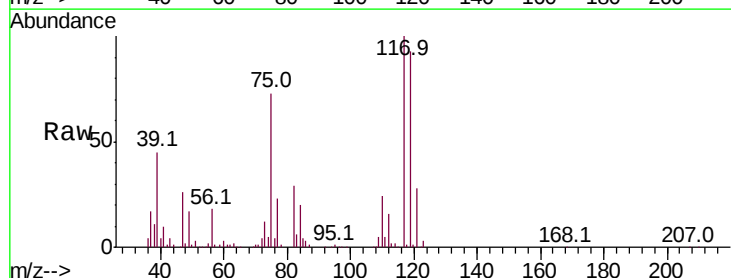
Instrument :
MSVOA_D
ClientSampleId :

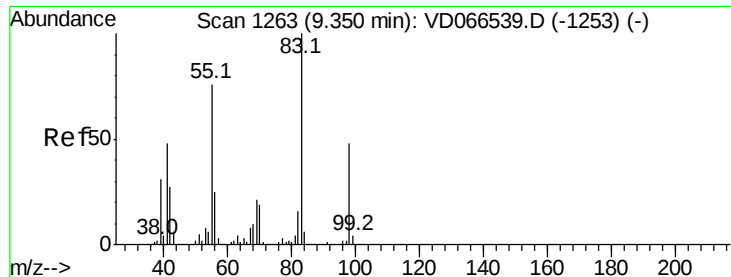
Tot Ion: 43 Resp: 132349
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.8
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 55.583 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion: 117 Resp: 344185
Ion Ratio Lower Upper
117 100
119 92.5 73.9 110.9
121 27.9 24.1 36.1

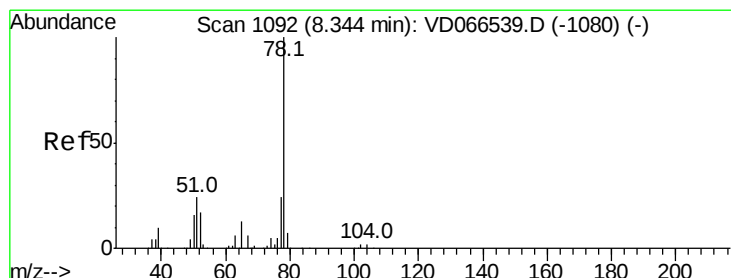
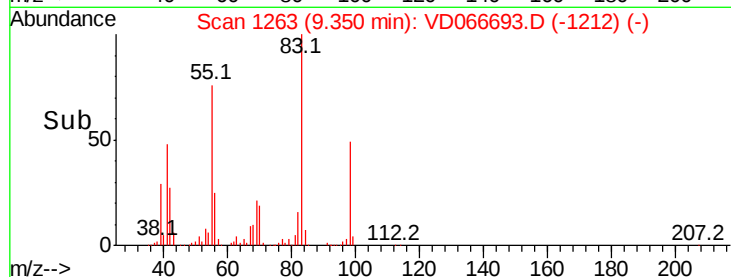
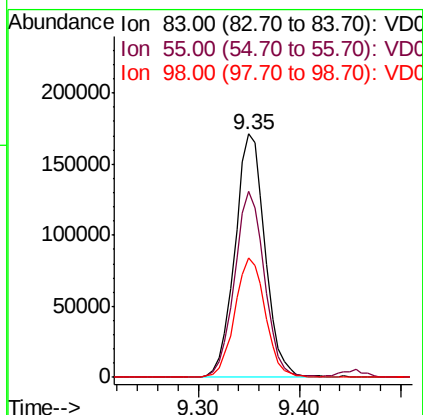
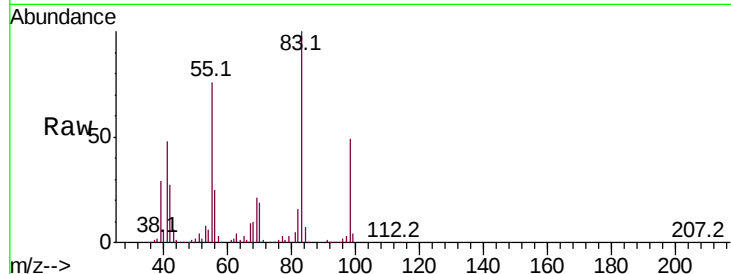




#39
Methvlcvclohexane
Concen: 53.968 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

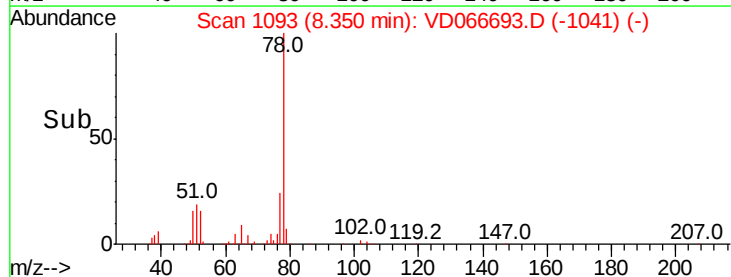
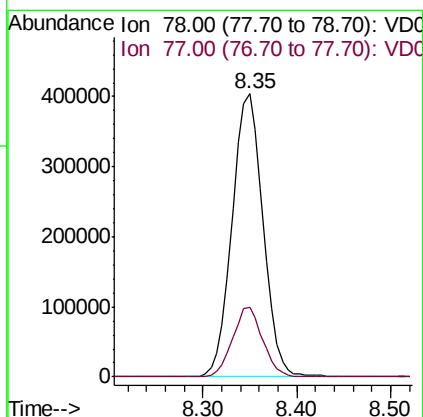
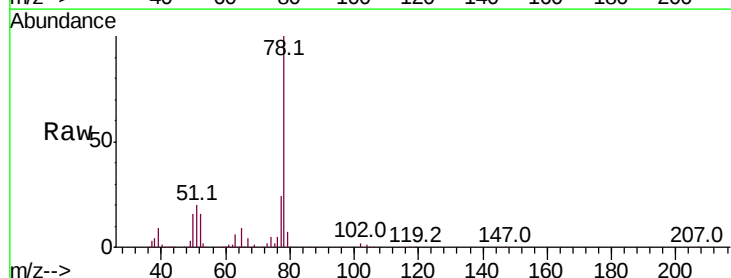
Instrument :
MSVOA_D
ClientSampled :

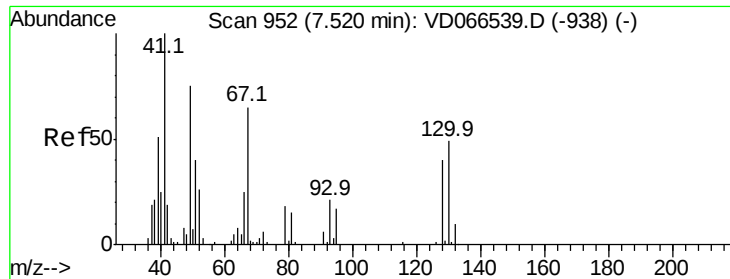
Tot Ion	83	Resp	353042
Ion Ratio	100	Lower	Upper
55	76.4	60.8	91.2
98	48.9	38.6	58.0



#40
Benzene
Concen: 57.581 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	78	Resp	923872
Ion Ratio	100	Lower	Upper
77	24.4	19.1	28.7

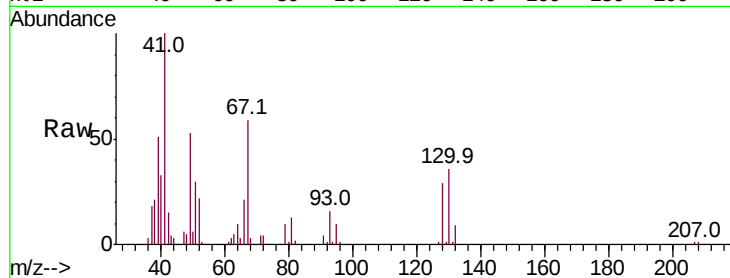




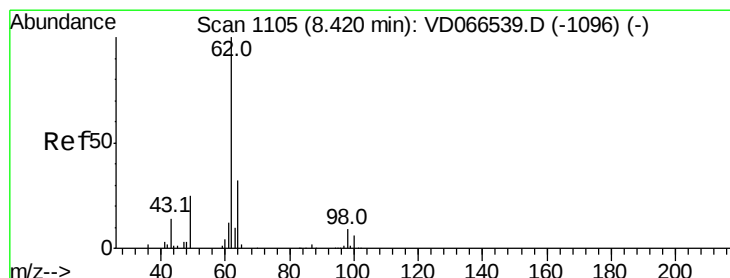
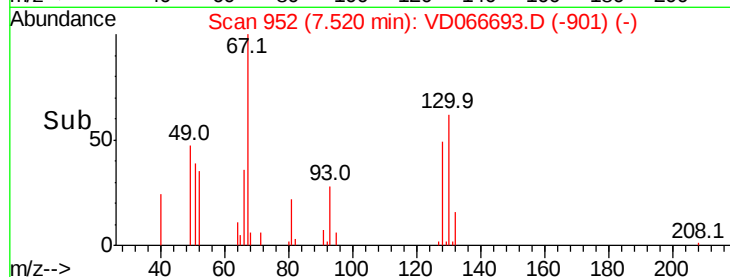
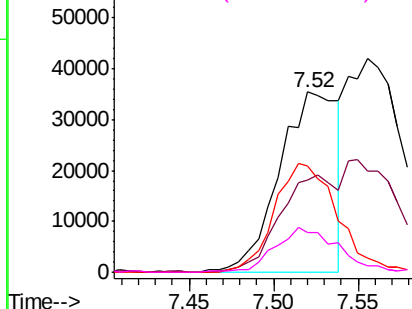
#41
Methacrylonitrile
Concen: 75.360 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 41 Resp: 85097
Ion Ratio Lower Upper
41 100
39 52.8 53.6 80.4#
67 65.4 59.2 88.8
52 26.6 26.8 40.2#

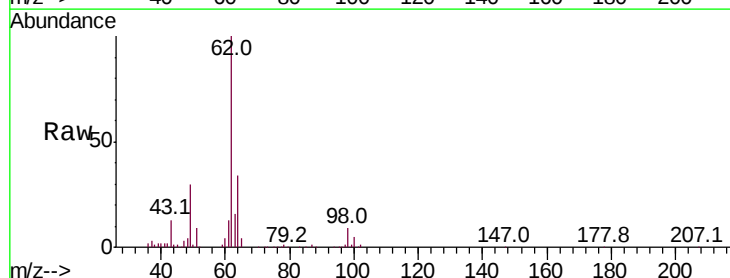


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

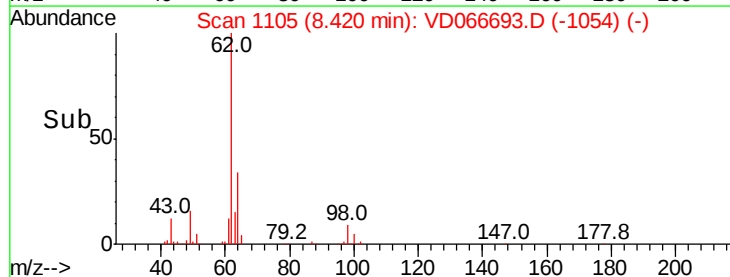
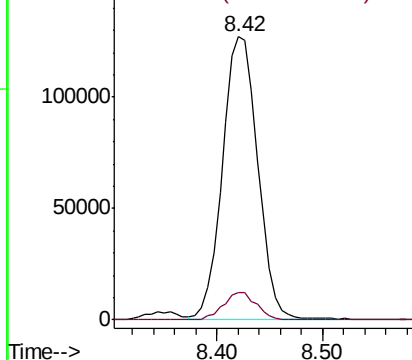


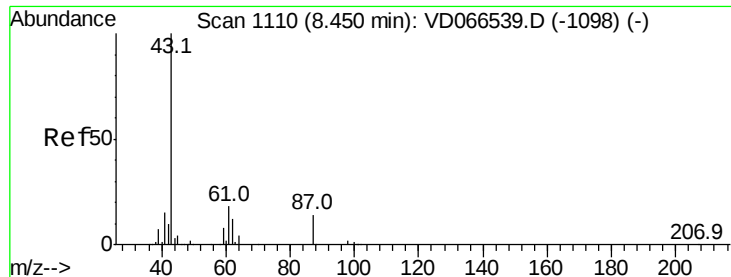
#42
1,2-Dichloroethane
Concen: 56.245 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion: 62 Resp: 292396
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 56.420 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

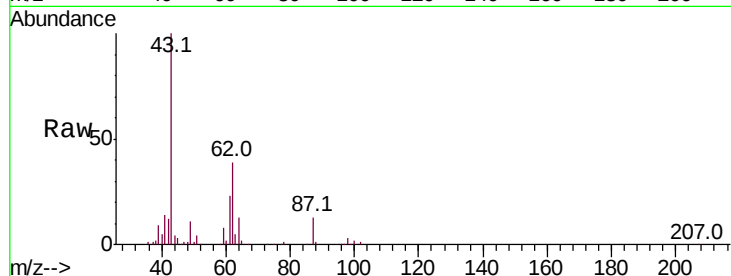
Tot Ion: 43 Resp: 252225

Ion Ratio Lower Upper

43 100

61 31.0 23.8 35.8

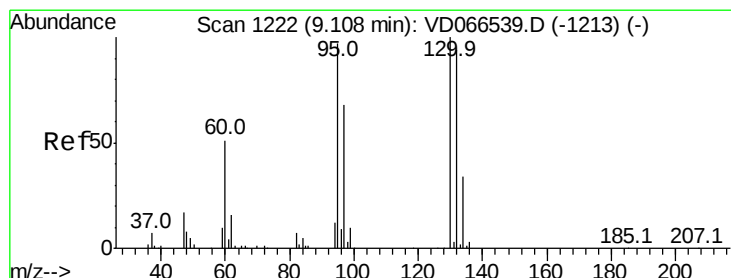
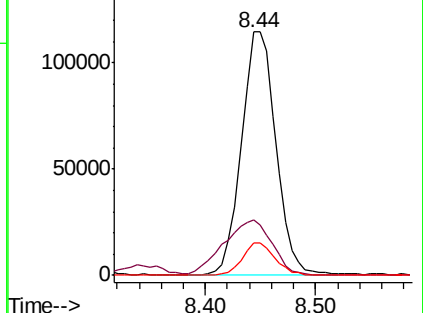
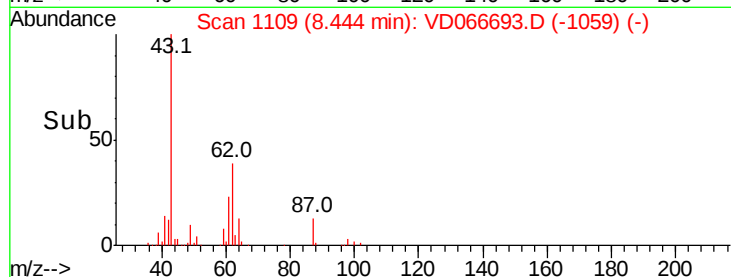
87 12.8 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 56.976 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066693.D

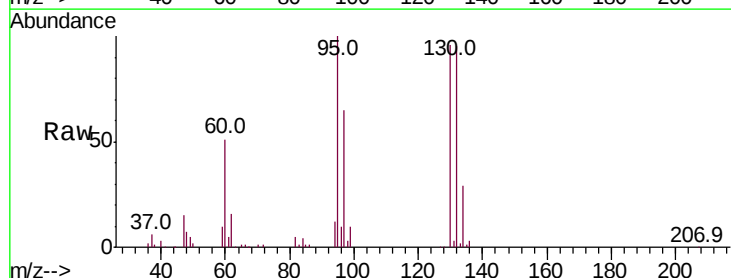
Acq: 15 Sep 2020 02:32

Tgt Ion:130 Resp: 239794

Ion Ratio Lower Upper

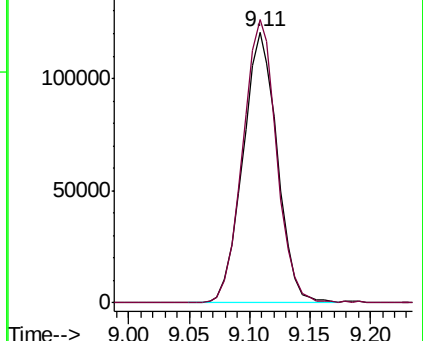
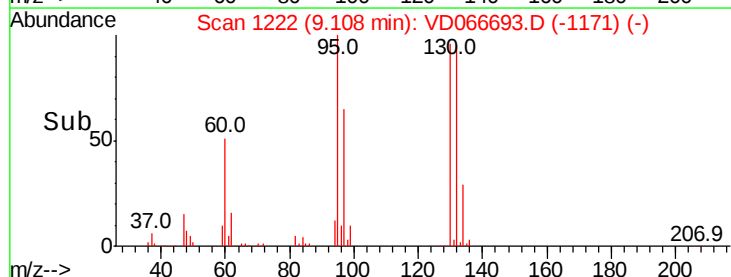
130 100

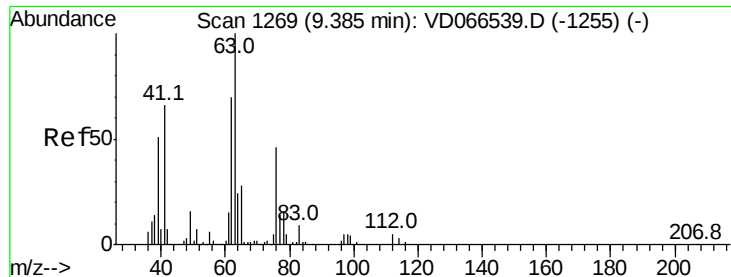
95 104.4 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 58.238 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

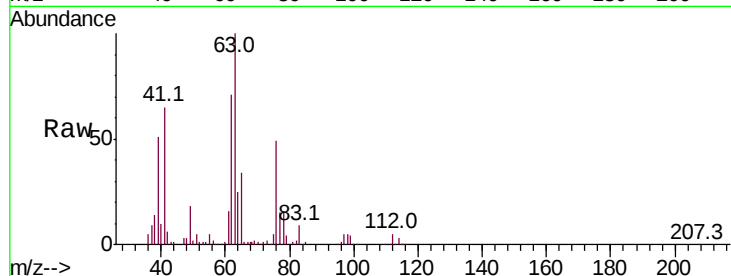
ClientSampleId :

Tot Ion: 63 Resp: 234988

Ion Ratio Lower Upper

63 100

65 33.6 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

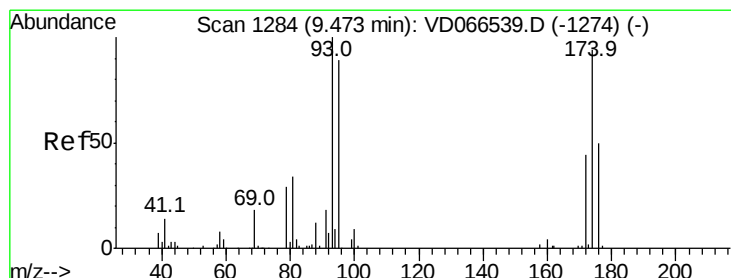
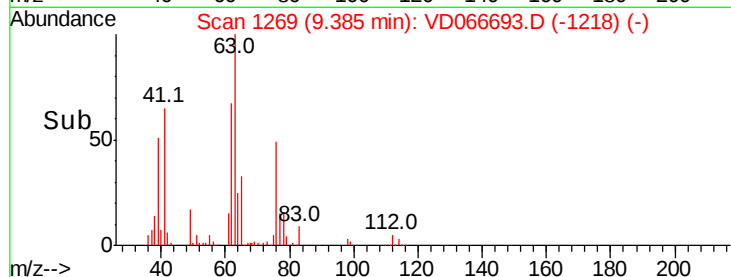
100000

50000

0

Time-->

9.30 9.40 9.50



#46

Dibromomethane

Concen: 58.347 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

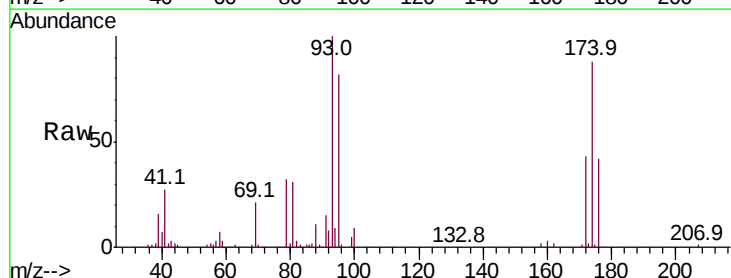
Tgt Ion: 93 Resp: 129888

Ion Ratio Lower Upper

93 100

95 84.9 68.7 103.1

174 89.0 70.0 105.0



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

80000

60000

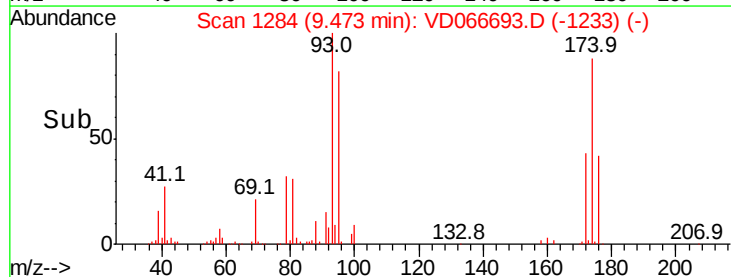
40000

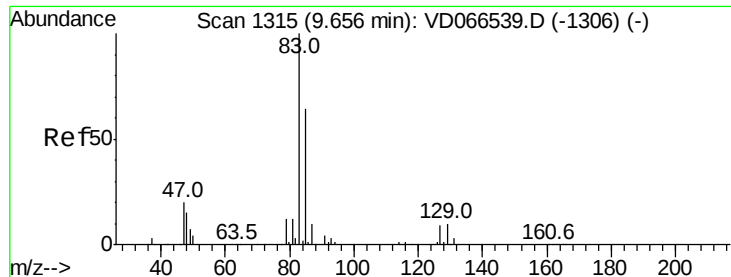
20000

0

Time-->

9.40 9.50 9.60





#47

Bromodichloromethane

Concen: 58.792 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

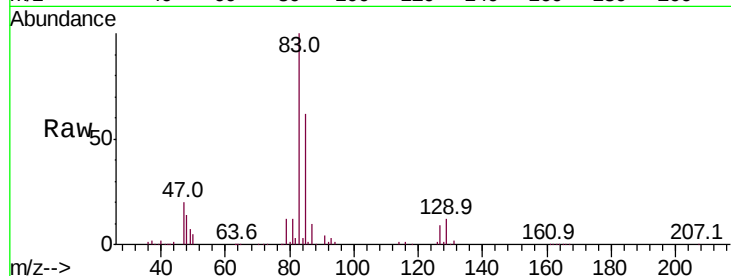
Tot Ion: 83 Resp: 354095

Ion Ratio Lower Upper

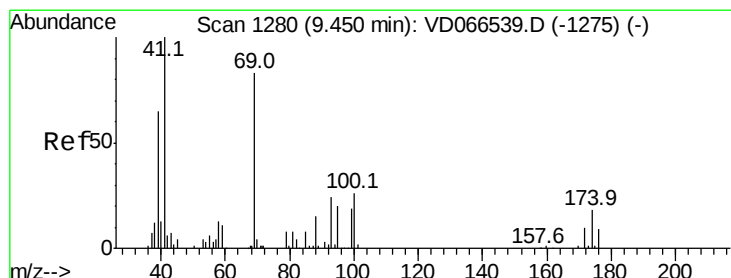
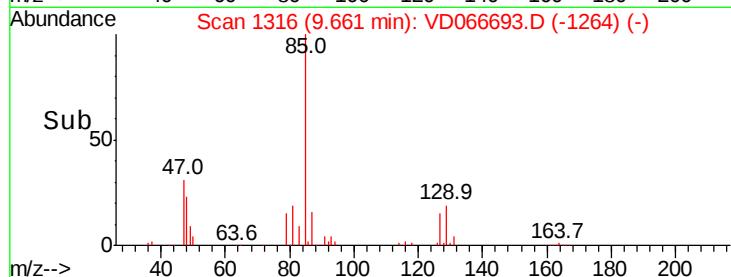
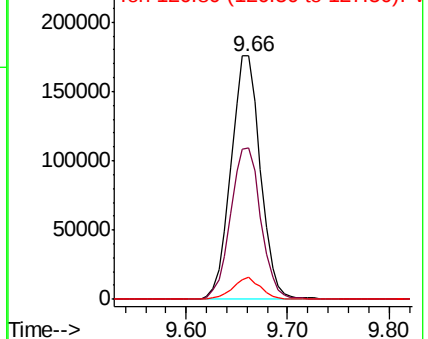
83 100

85 62.4 51.1 76.7

127 9.2 6.9 10.3



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



#48

Methyl methacrylate

Concen: 56.058 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

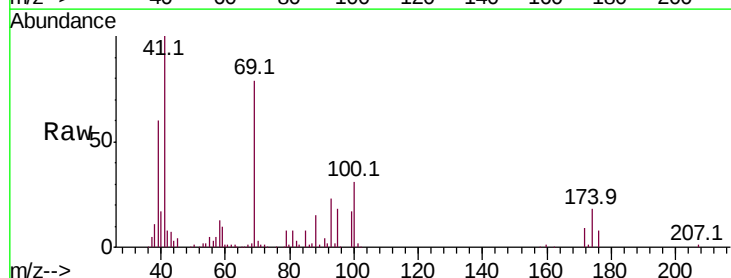
Tgt Ion: 41 Resp: 126721

Ion Ratio Lower Upper

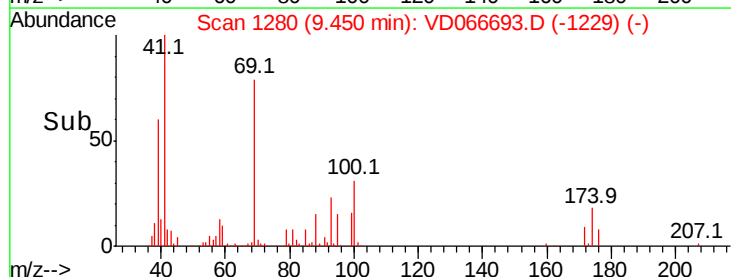
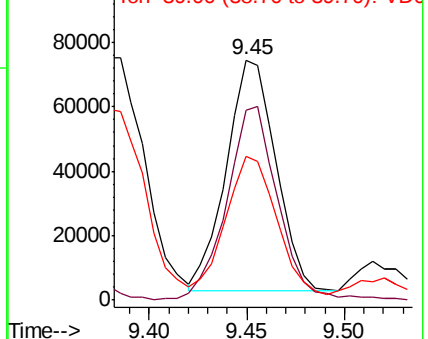
41 100

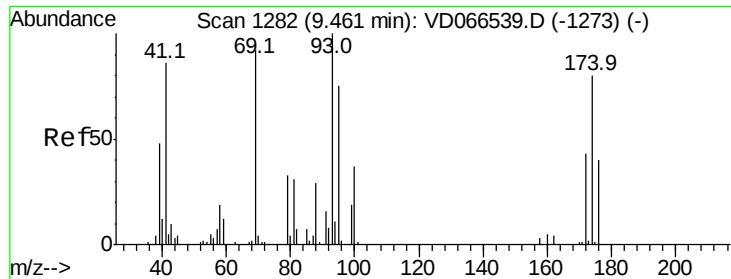
69 85.4 64.5 96.7

39 66.4 46.6 69.8



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





#49

1,4-Dioxane

Concen: 1168.929 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampled :

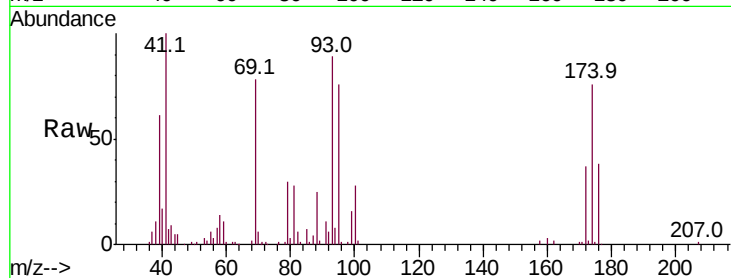
Tot Ion: 88 Resp: 28548

Ion Ratio Lower Upper

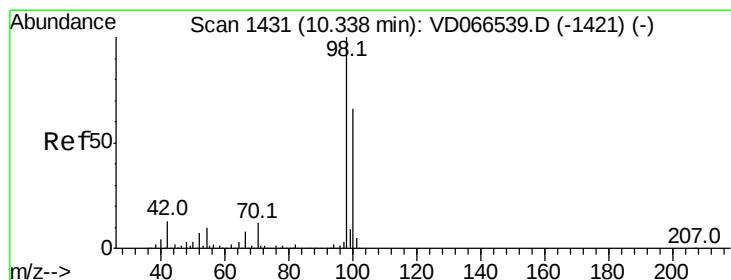
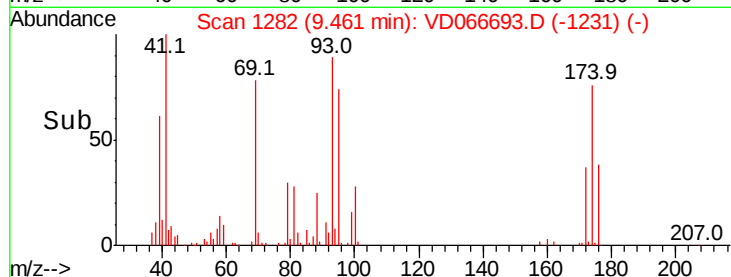
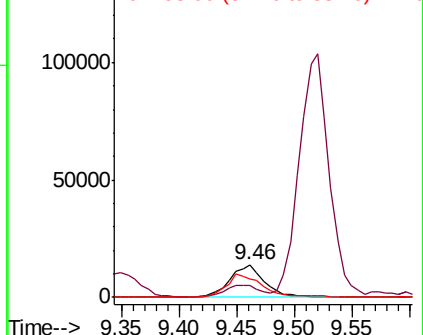
88 100

43 36.0 28.3 42.5

58 70.0 56.1 84.1



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



#50

Toluene-d8

Concen: 54.173 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066693.D

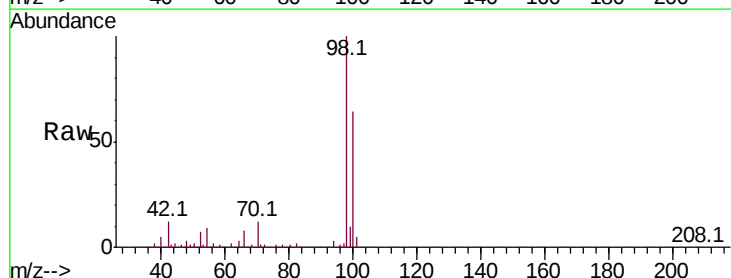
Acq: 15 Sep 2020 02:32

Tgt Ion: 98 Resp: 735290

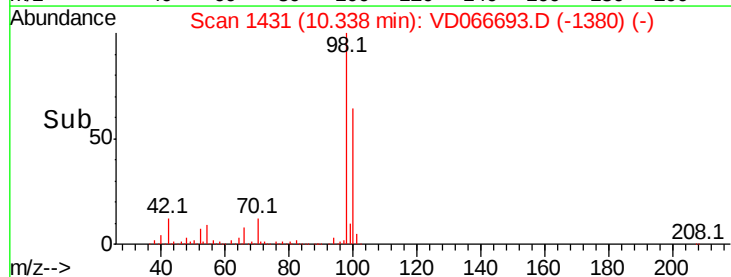
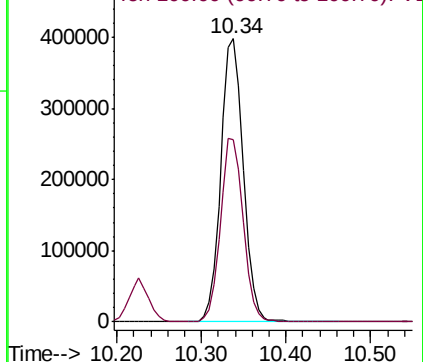
Ion Ratio Lower Upper

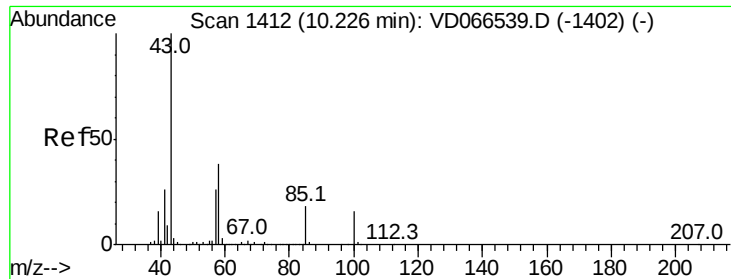
98 100

100 65.8 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 297.216 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

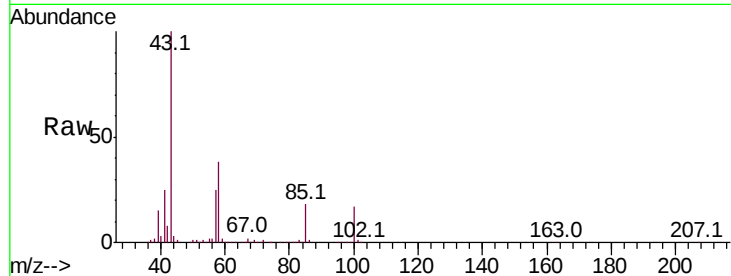
ClientSampleId :

Tot Ion: 43 Resp: 670104

Ion Ratio Lower Upper

43 100

58 37.9 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

400000

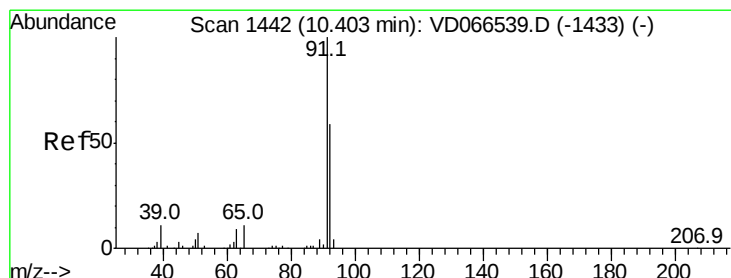
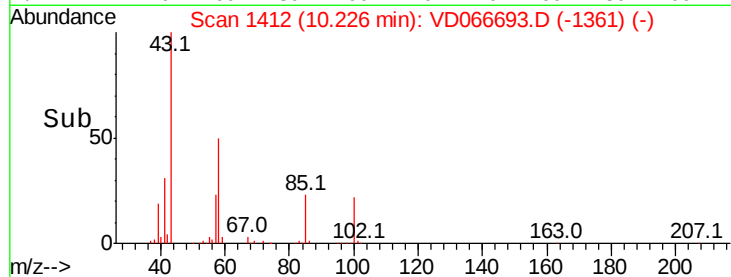
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 59.621 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066693.D

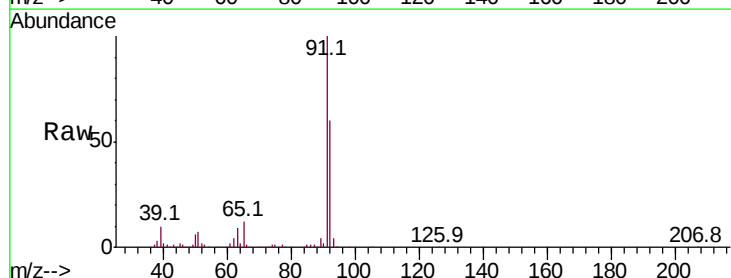
Acq: 15 Sep 2020 02:32

Tgt Ion: 92 Resp: 605533

Ion Ratio Lower Upper

92 100

91 169.4 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

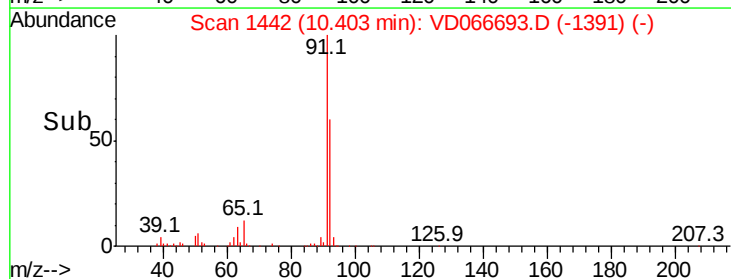
600000

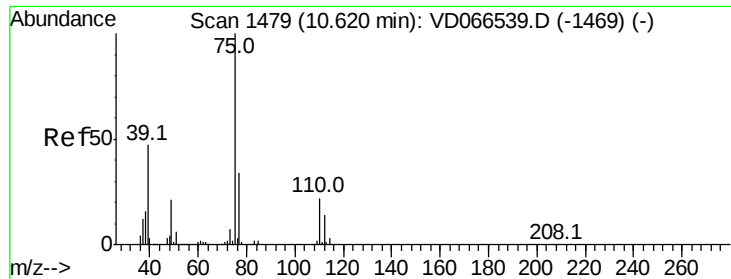
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 57.953 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

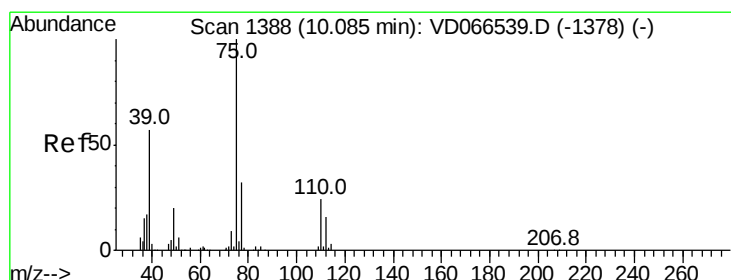
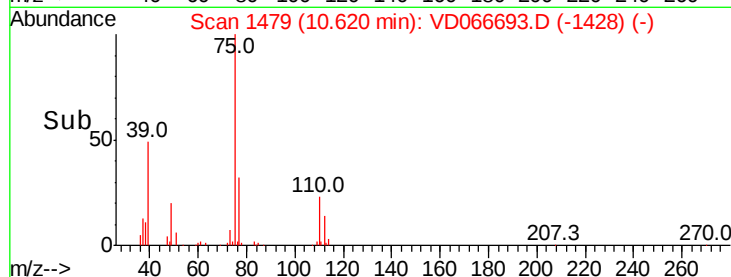
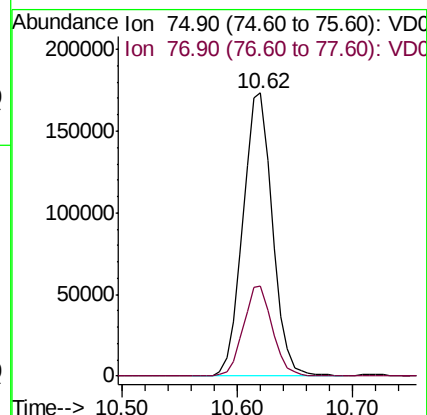
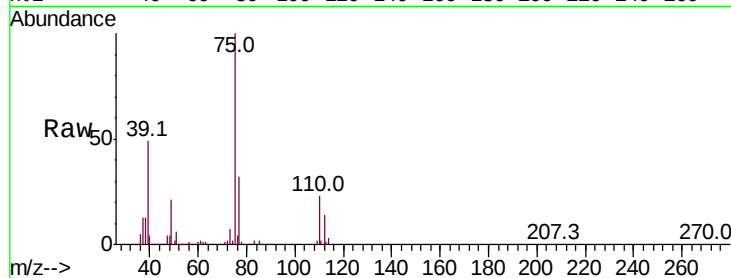
ClientSampleId :

Tot Ion: 75 Resp: 308126

Ion Ratio Lower Upper

75 100

77 32.0 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 57.620 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

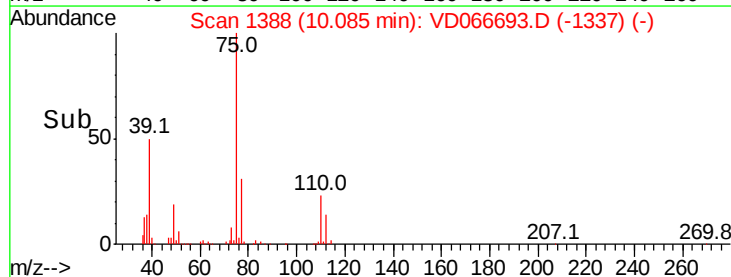
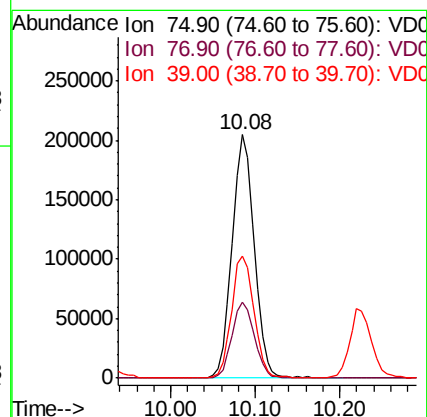
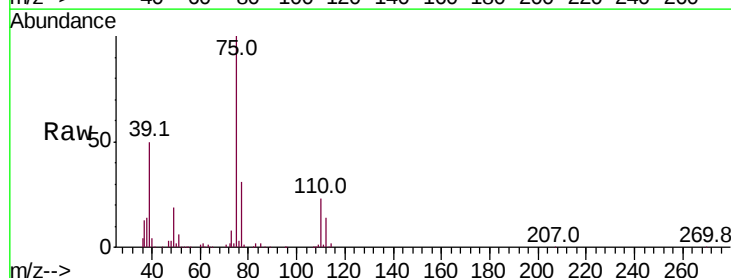
Tgt Ion: 75 Resp: 367897

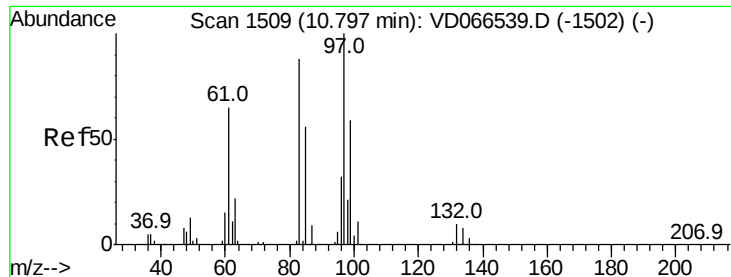
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 49.9 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 60.278 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

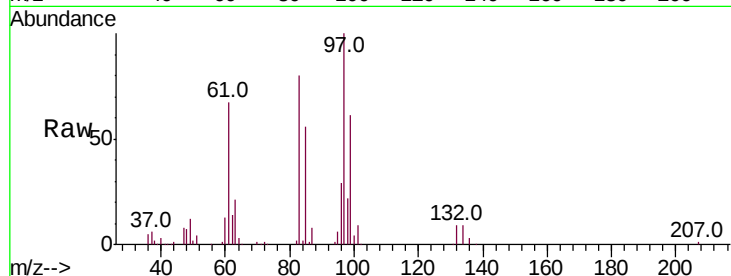
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 172530

Ion	Ratio	Lower	Upper
97	100		
83	79.9	70.1	105.1
85	56.0	44.5	66.7
99	61.3	47.1	70.7



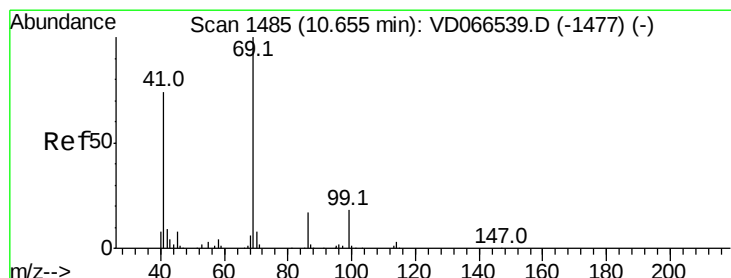
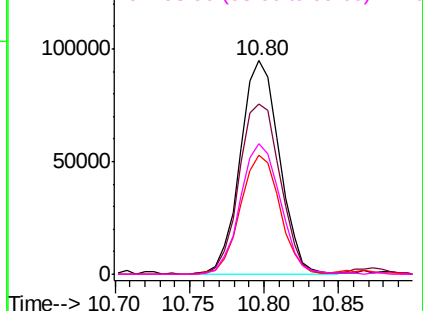
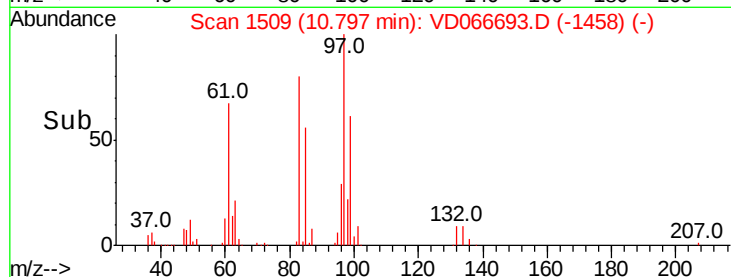
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 61.851 ug/l

RT: 10.66 min Scan# 1485

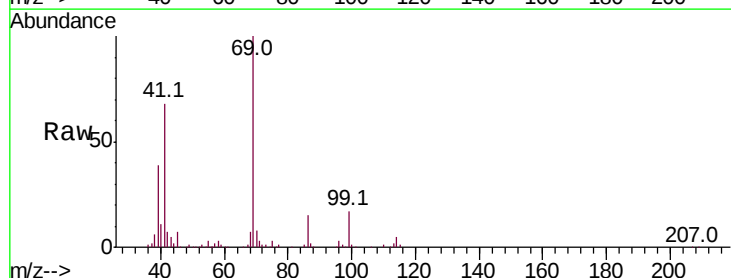
Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Tgt Ion: 69 Resp: 206125

Ion	Ratio	Lower	Upper
69	100		
41	72.2	56.8	85.2
39	41.2	30.6	46.0

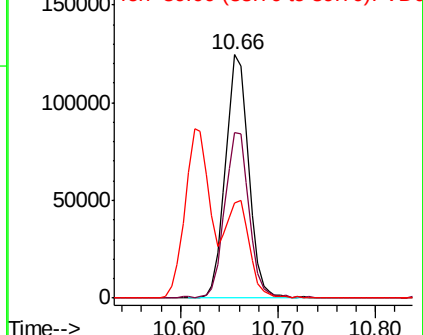
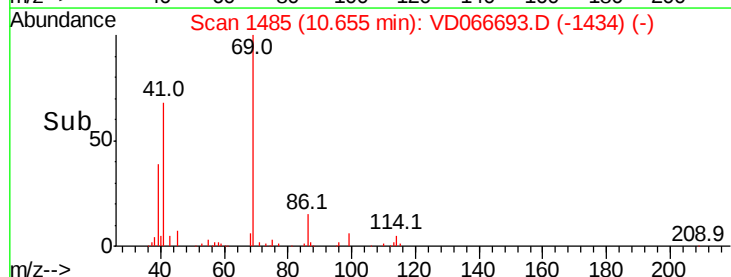


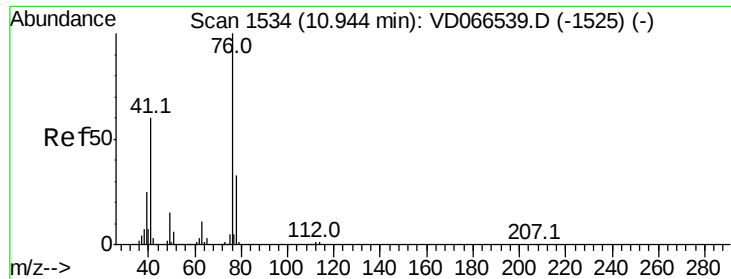
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 58.601 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

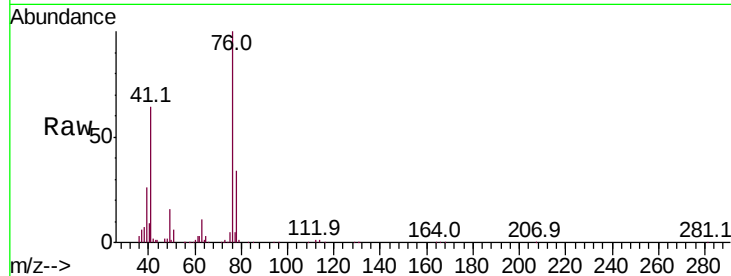
ClientSampleId :

Tot Ion: 76 Resp: 293794

Ion Ratio Lower Upper

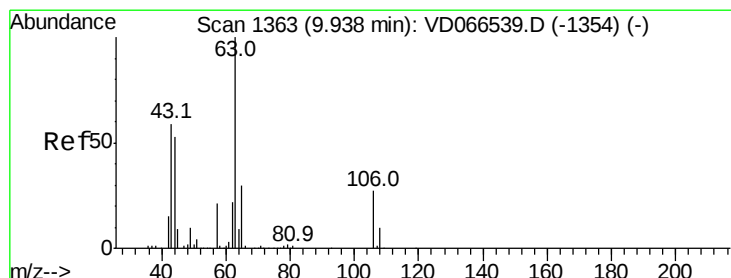
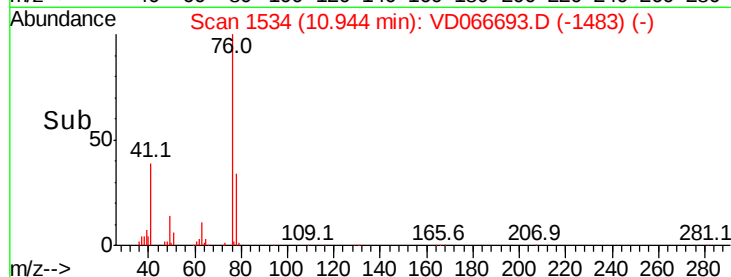
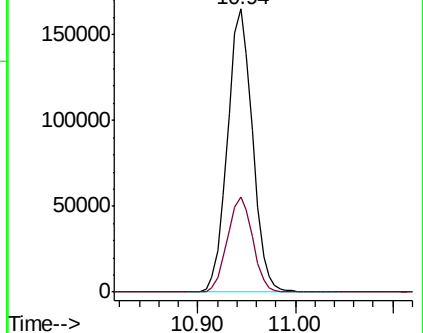
76 100

78 34.1 25.8 38.8



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: 255.487 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066693.D

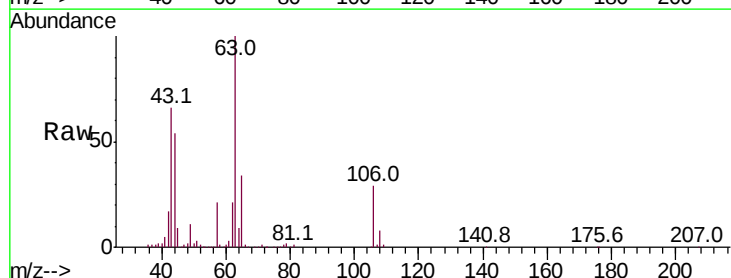
Acq: 15 Sep 2020 02:32

Tgt Ion: 63 Resp: 389445

Ion Ratio Lower Upper

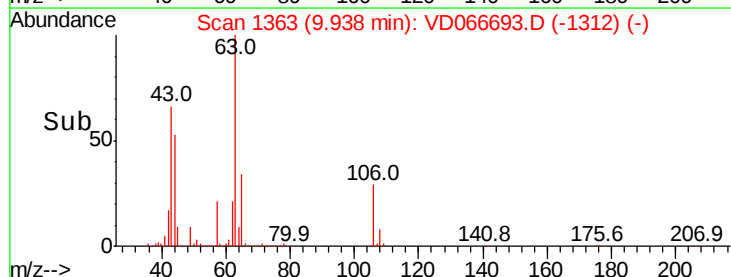
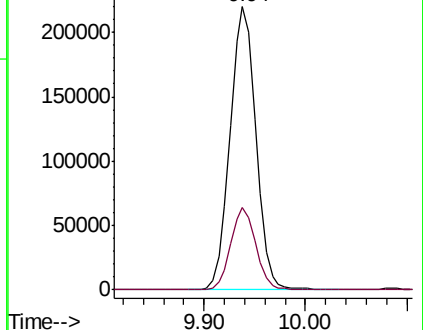
63 100

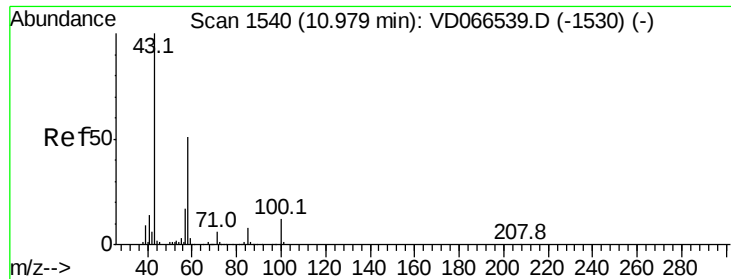
106 28.2 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

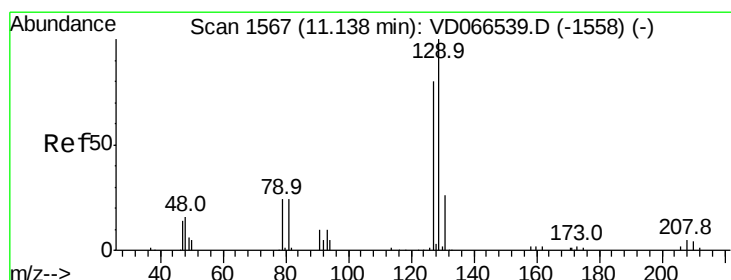
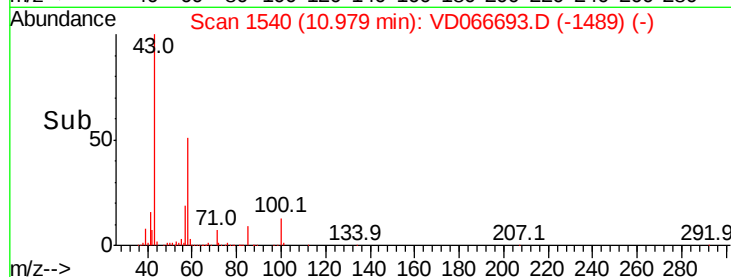
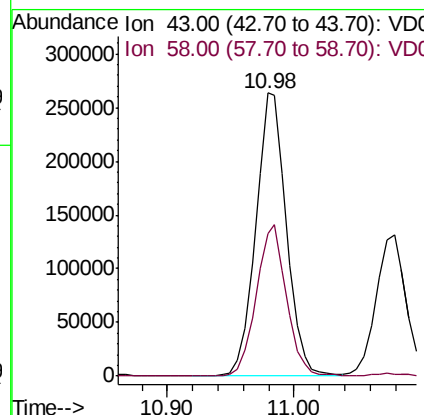
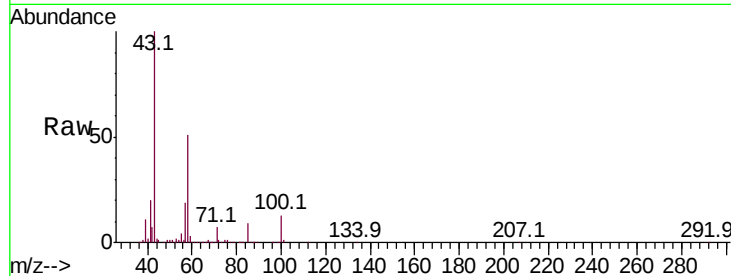




#59
2-Hexanone
Concen: 292.823 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

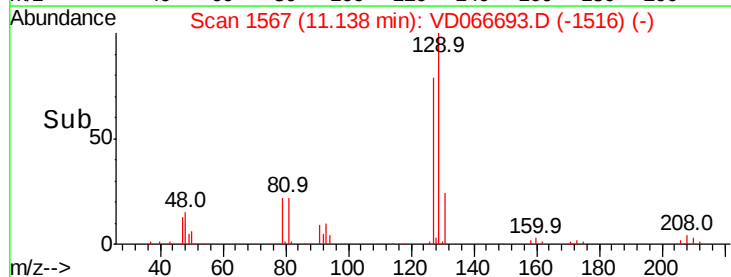
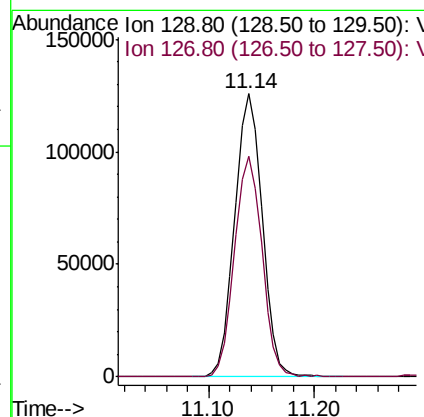
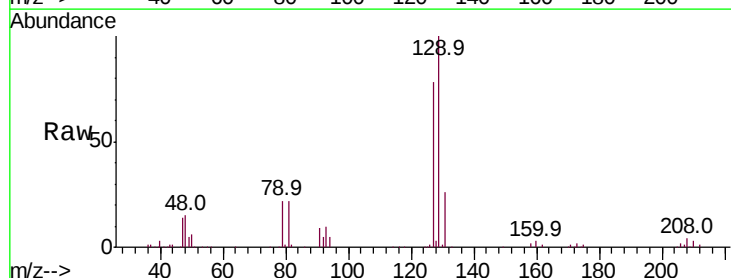
Instrument :
MSVOA_D
ClientSampled :

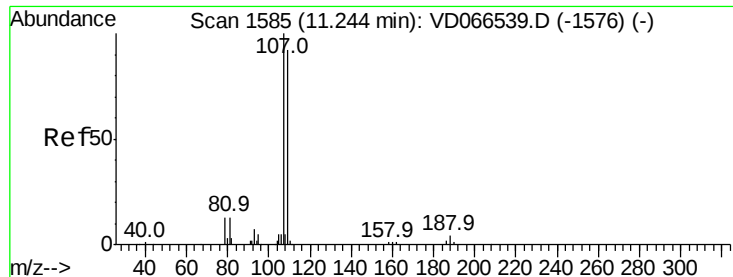
Tot Ion: 43 Resp: 443971
Ion Ratio Lower Upper
43 100
58 52.5 25.6 76.8



#60
Dibromochloromethane
Concen: 60.073 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion: 129 Resp: 227370
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.3

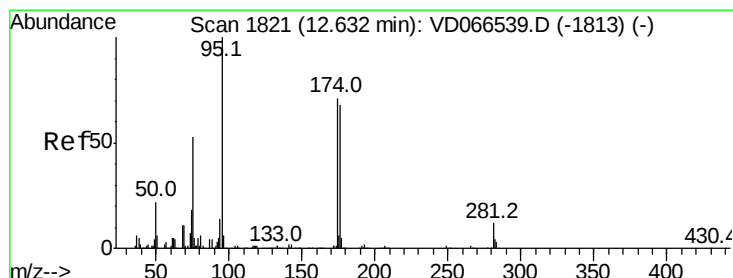
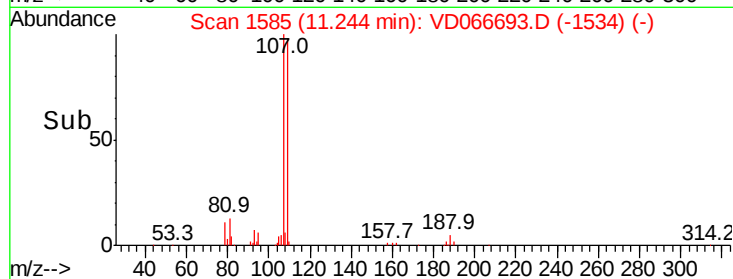
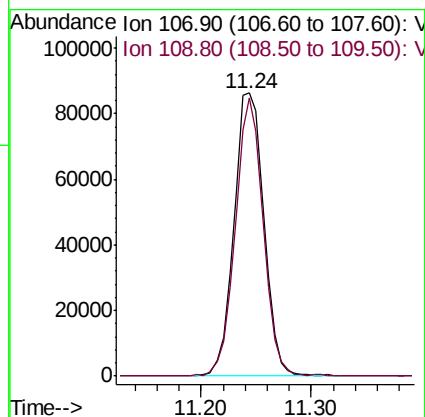
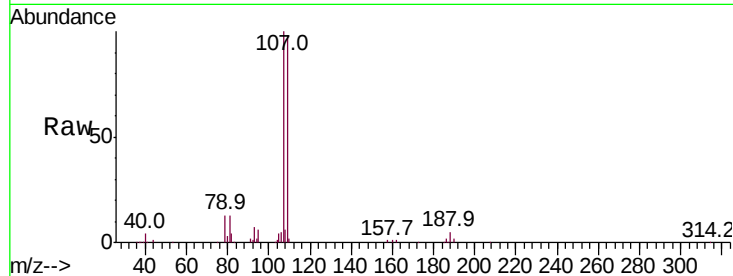




#61
 1,2-Dibromoethane
 Concen: 59.038 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

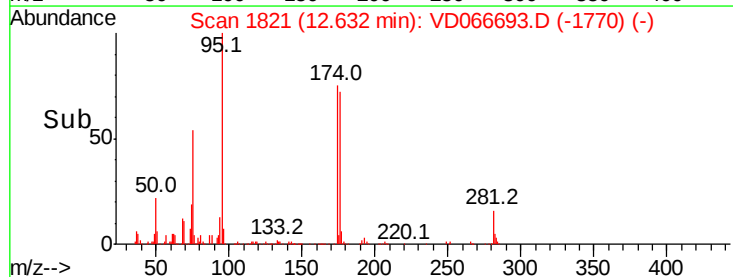
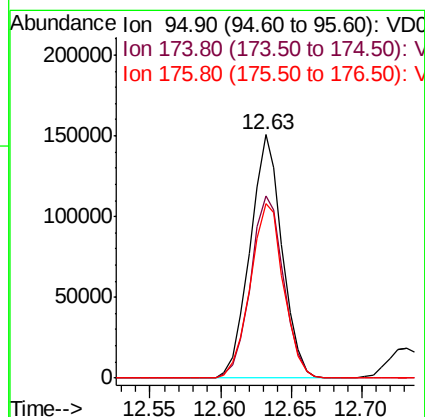
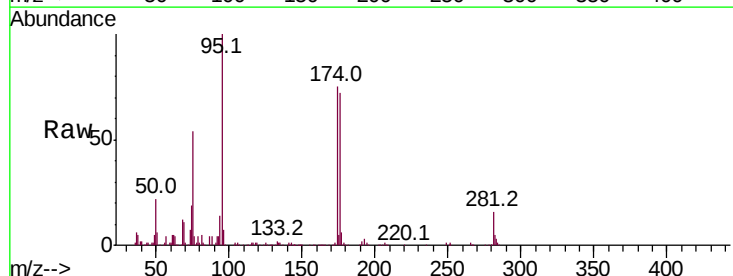
Instrument :
 MSVOA_D
 ClientSampleId :

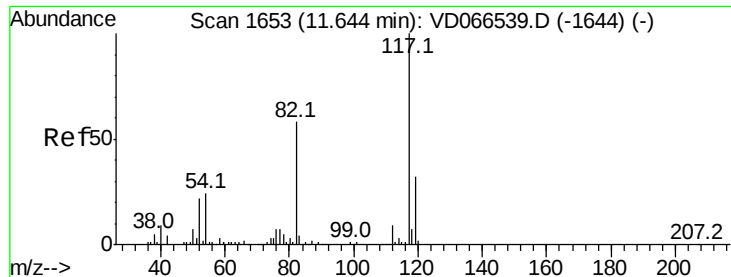
Tot Ion:107 Resp: 164400
 Ion Ratio Lower Upper
 107 100
 109 91.5 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 53.347 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion: 95 Resp: 240098
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 155.8
 176 74.3 0.0 148.6

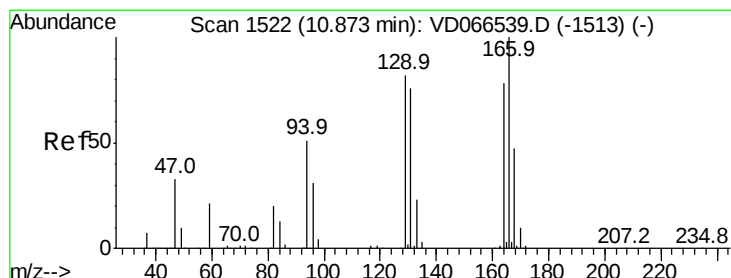
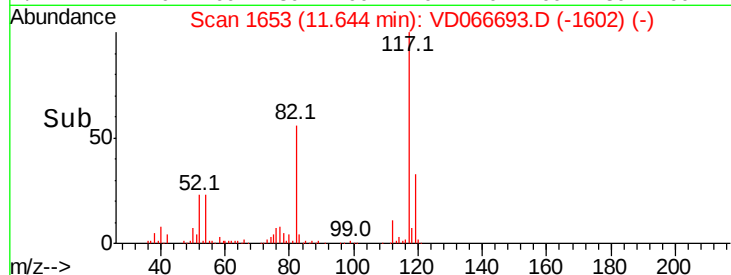
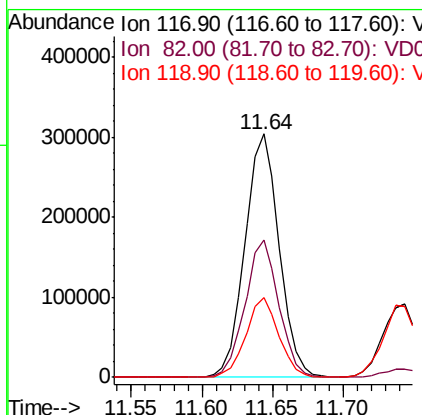
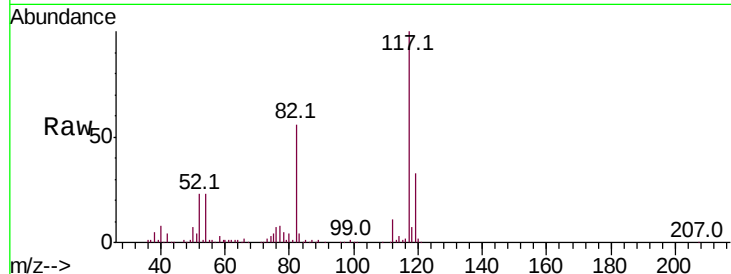




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

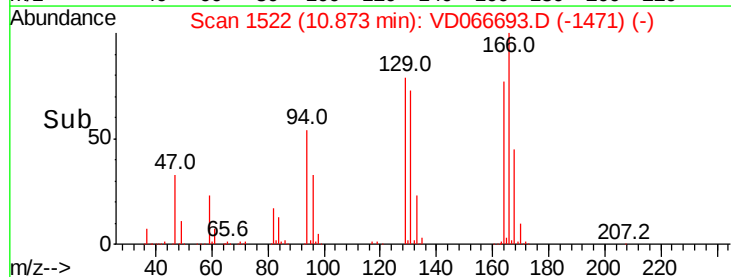
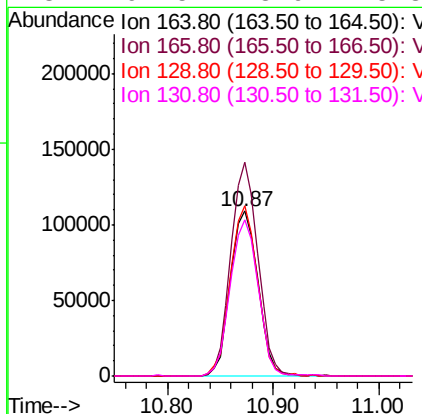
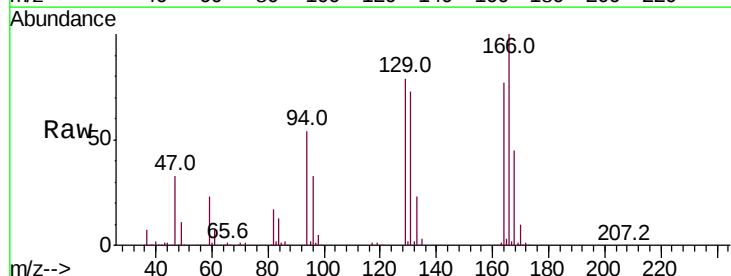
Instrument :
MSVOA_D
ClientSampleId :

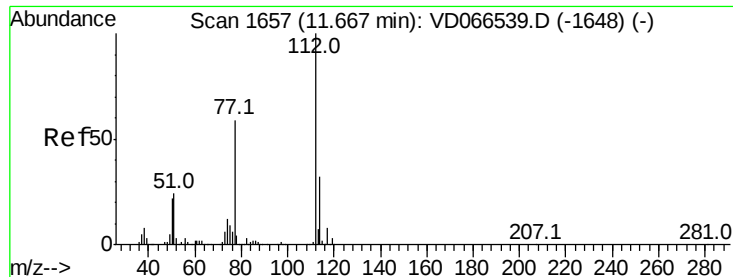
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	46.2	69.2
119	33.0	25.8	38.8



#64
Tetrachloroethene
Concen: 56.748 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	103.2	154.8
129	103.1	84.5	126.7
131	94.5	78.9	118.3





#65

Chlorobenzene

Concen: 57.891 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

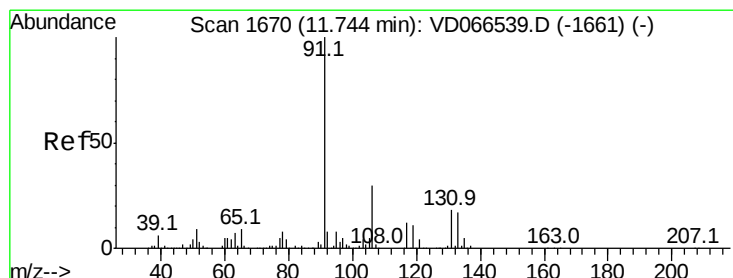
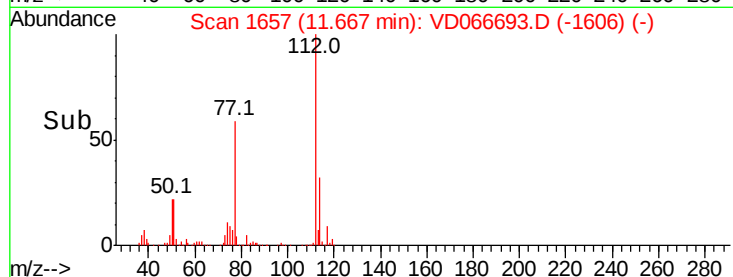
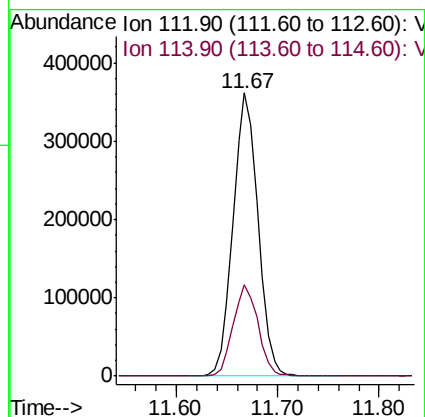
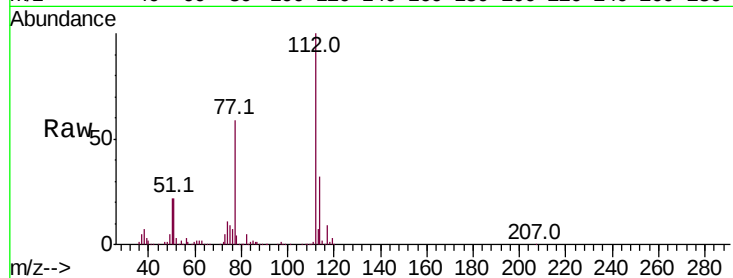
ClientSampleId :

Tot Ion:112 Resp: 616854

Ion Ratio Lower Upper

112 100

114 32.2 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 58.280 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

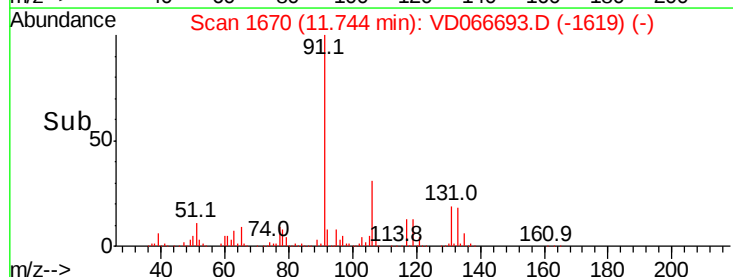
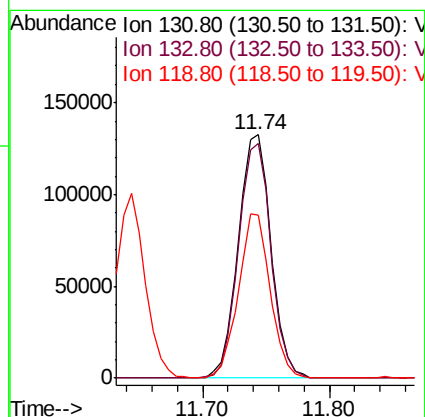
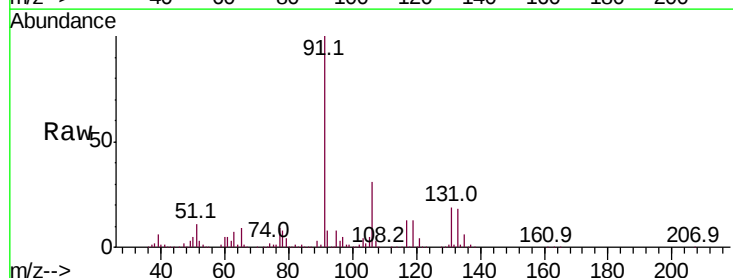
Tgt Ion:131 Resp: 237002

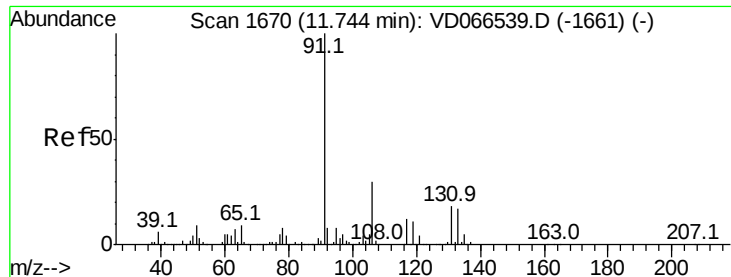
Ion Ratio Lower Upper

131 100

133 95.8 46.7 140.0

119 65.4 31.9 95.7





#67

Ethyl Benzene

Concen: 58.814 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

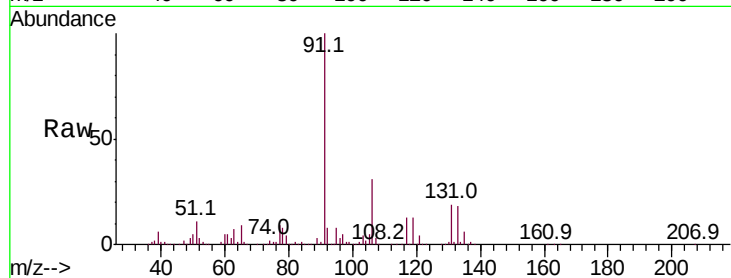
ClientSampled :

Tot Ion: 91 Resp: 1150709

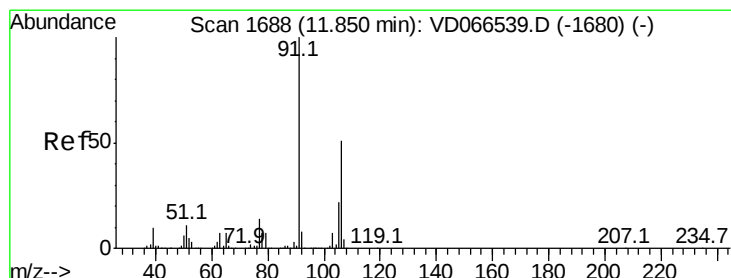
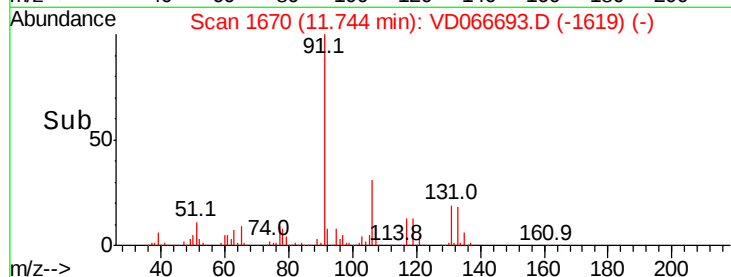
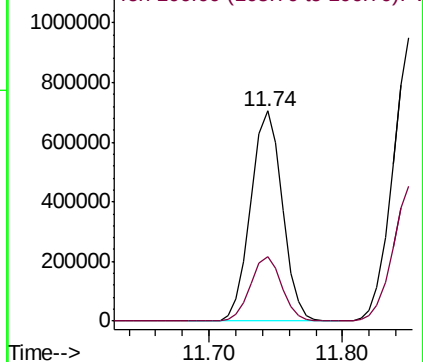
Ion Ratio Lower Upper

91 100

106 30.6 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 117.962 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066693.D

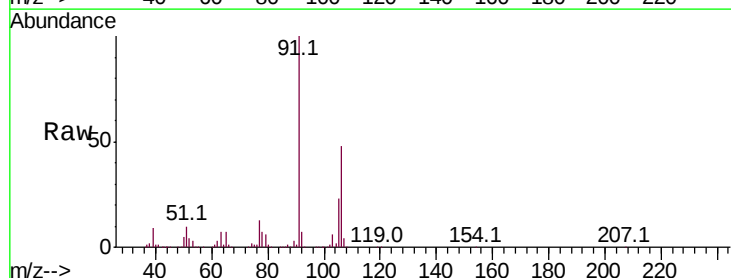
Acq: 15 Sep 2020 02:32

Tgt Ion:106 Resp: 856957

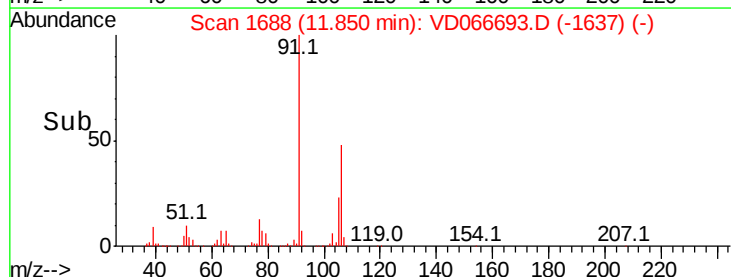
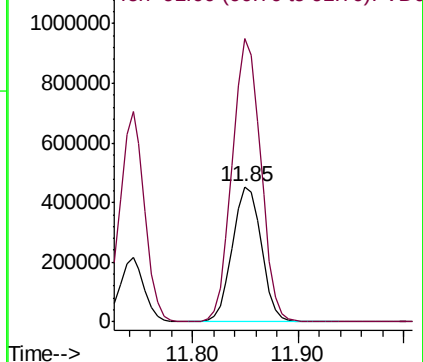
Ion Ratio Lower Upper

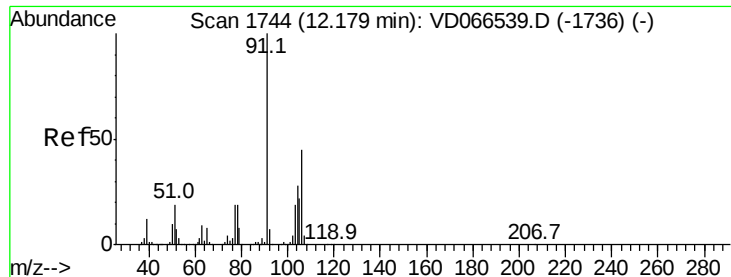
106 100

91 207.4 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): V

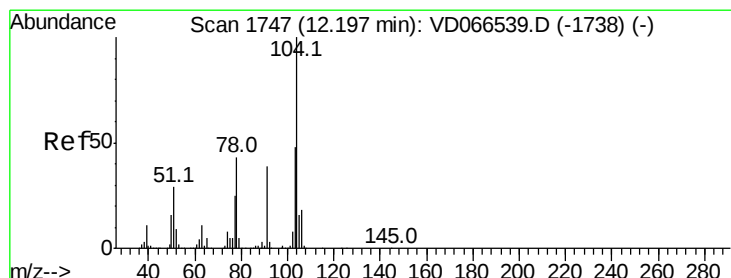
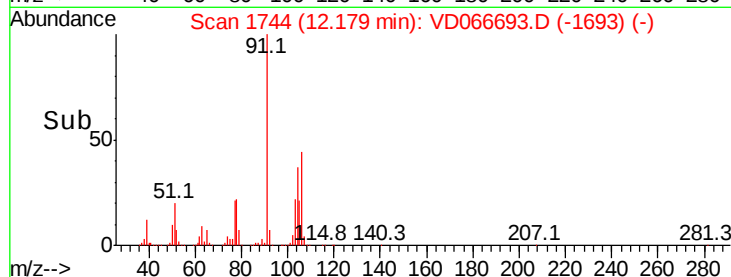
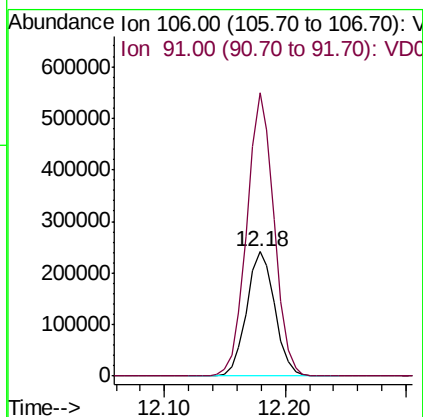
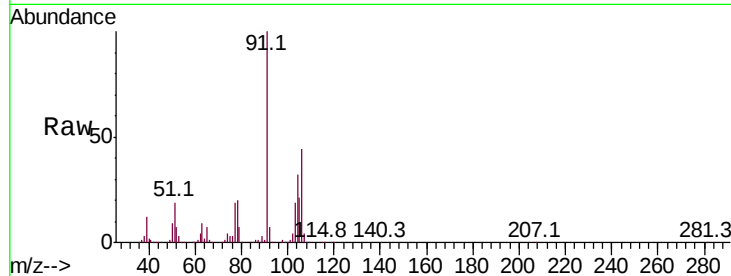




#69
o-Xylene
Concen: 60.271 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

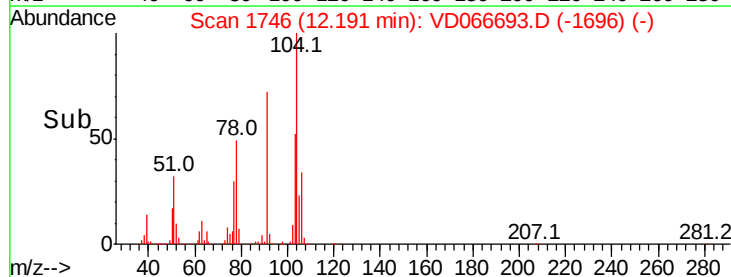
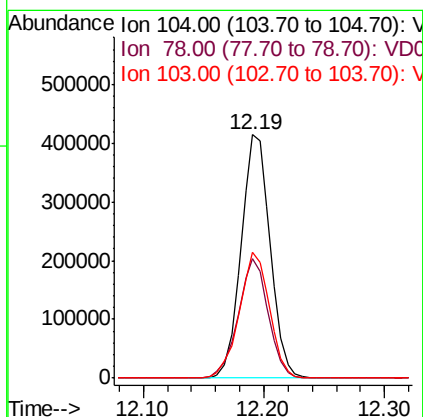
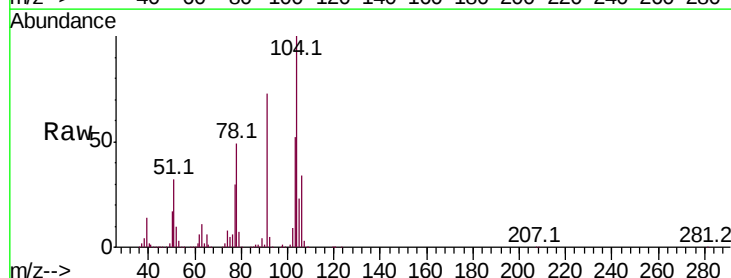
Instrument :
MSVOA_D
ClientSampleId :

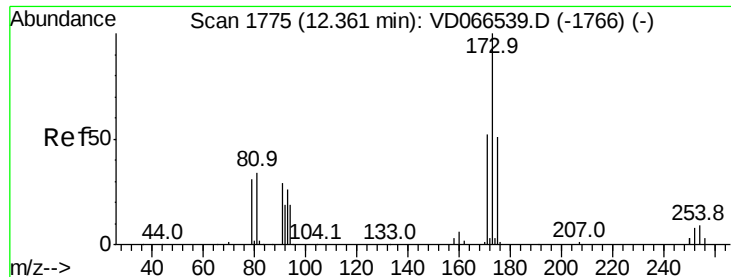
Tot Ion:106 Resp: 392398
Ion Ratio Lower Upper
106 100
91 220.0 107.9 323.8



#70
Styrene
Concen: 61.566 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion:104 Resp: 696844
Ion Ratio Lower Upper
104 100
78 50.4 40.7 61.1
103 53.8 42.9 64.3





#71

Bromoform

Concen: 58.457 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

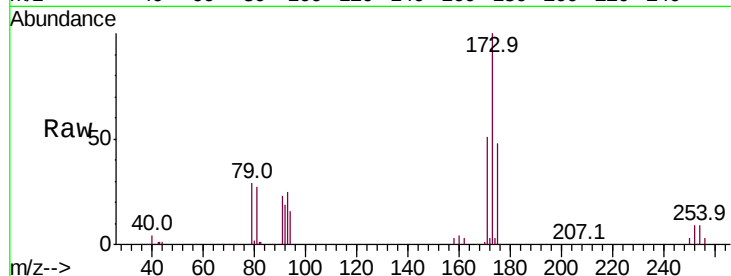
Tot Ion:173 Resp: 119805

Ion Ratio Lower Upper

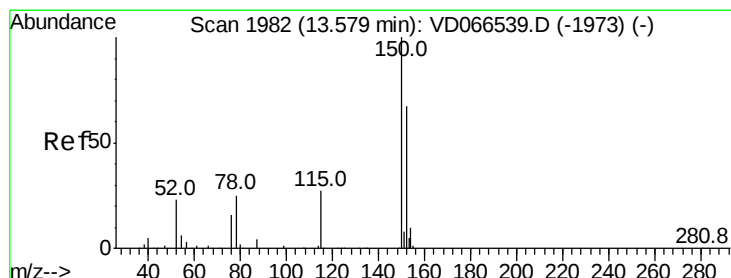
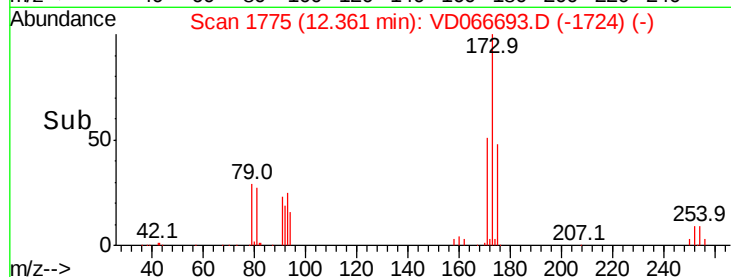
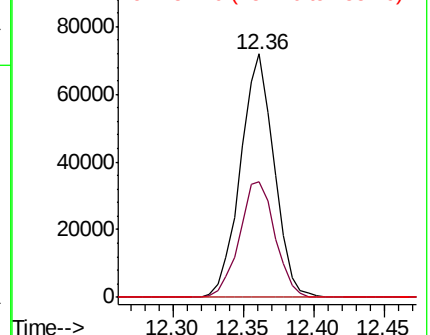
173 100

175 50.3 24.2 72.6

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

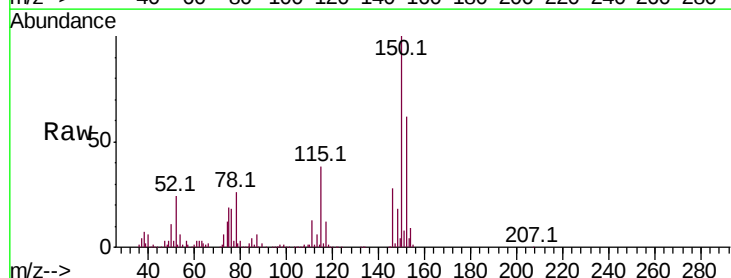
Tgt Ion:152 Resp: 238248

Ion Ratio Lower Upper

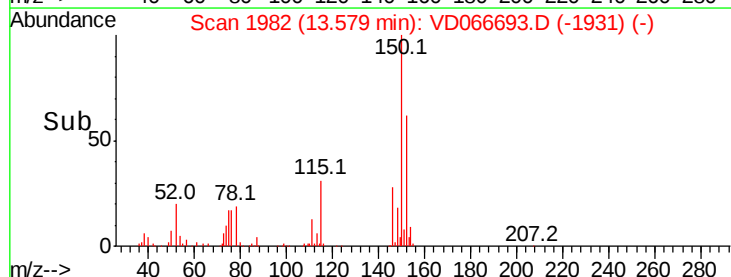
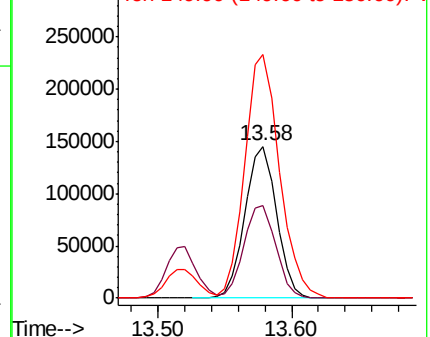
152 100

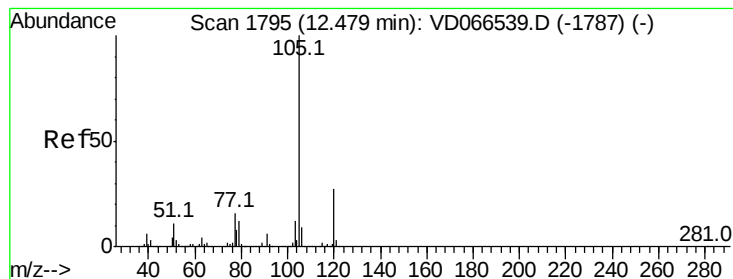
115 61.7 30.4 91.2

150 175.3 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 61.179 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

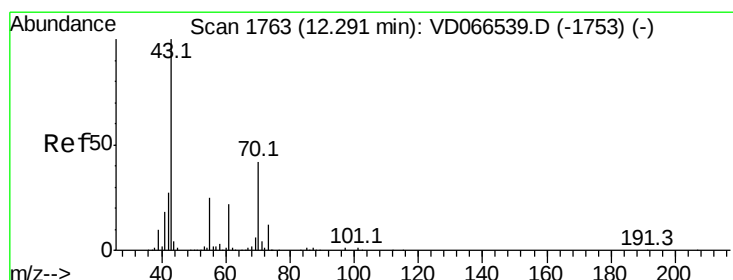
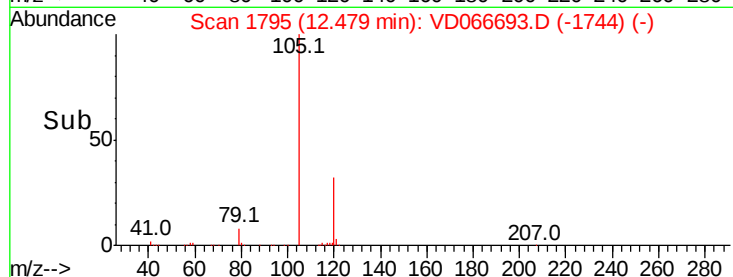
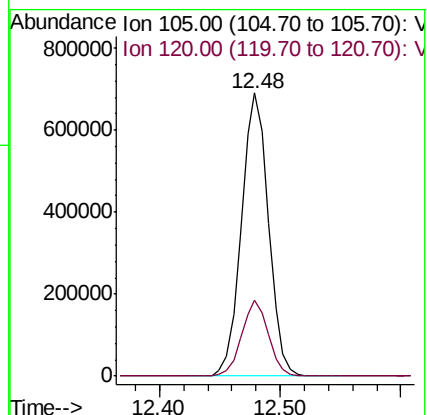
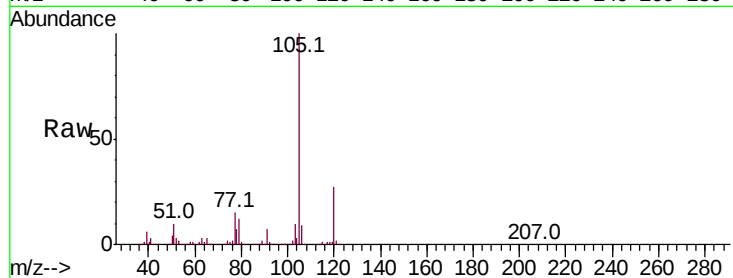
ClientSampleId :

Tot Ion:105 Resp: 1079165

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 59.095 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Tgt Ion: 43 Resp: 236094

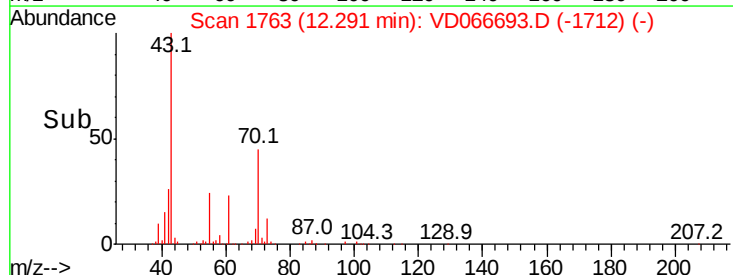
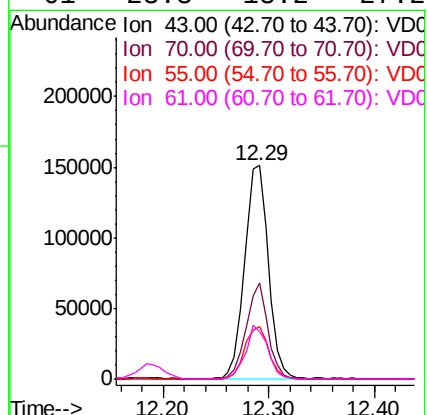
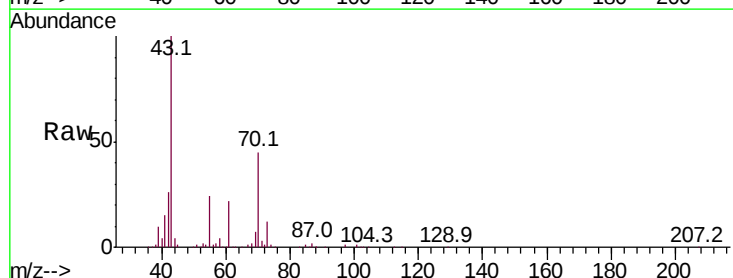
Ion Ratio Lower Upper

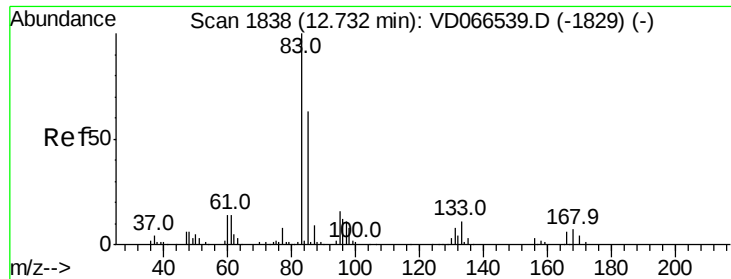
43 100

70 40.9 33.4 50.2

55 25.1 20.1 30.1

61 23.3 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 59.640 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

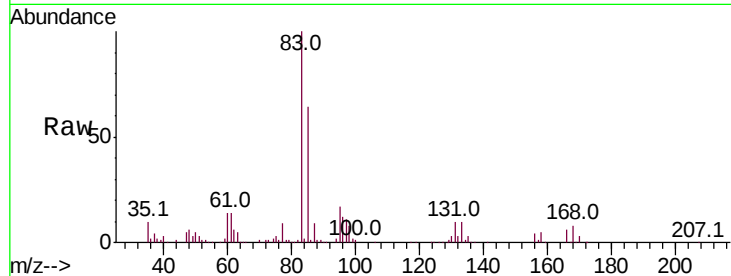
Tot Ion: 83 Resp: 185859

Ion Ratio Lower Upper

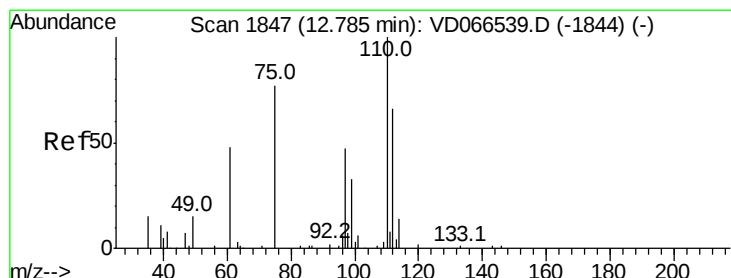
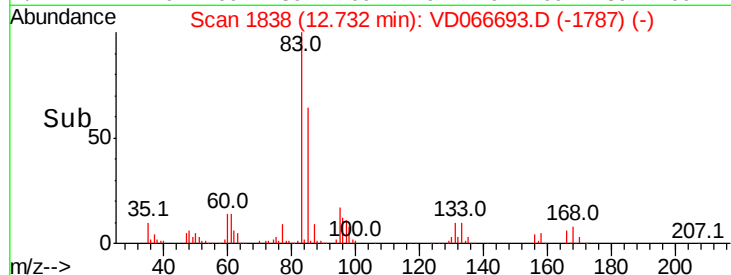
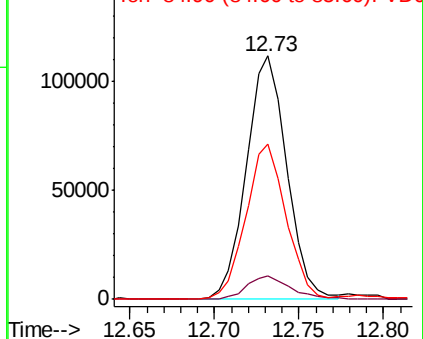
83 100

131 10.7 5.0 15.0

85 63.3 32.1 96.3



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



#76

1,2,3-Trichloropropane

Concen: 105.683 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066693.D

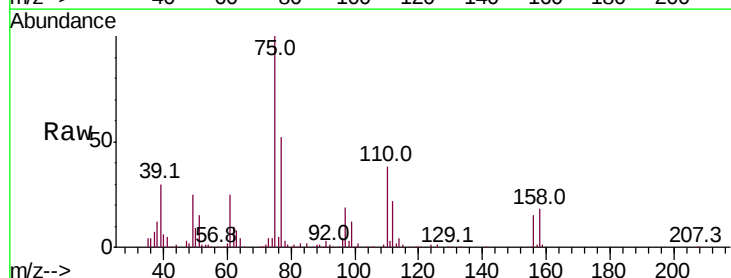
Acq: 15 Sep 2020 02:32

Tgt Ion: 75 Resp: 242153

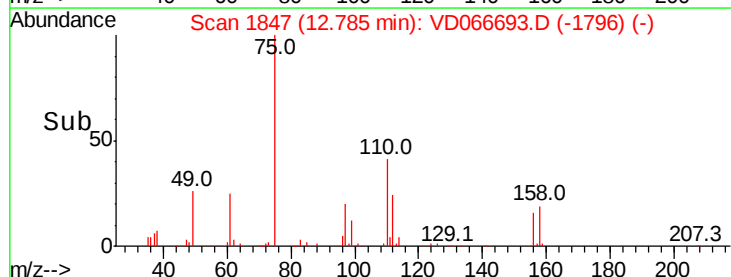
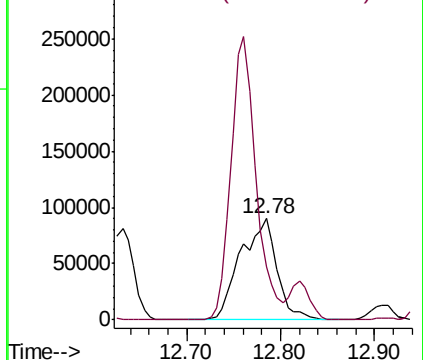
Ion Ratio Lower Upper

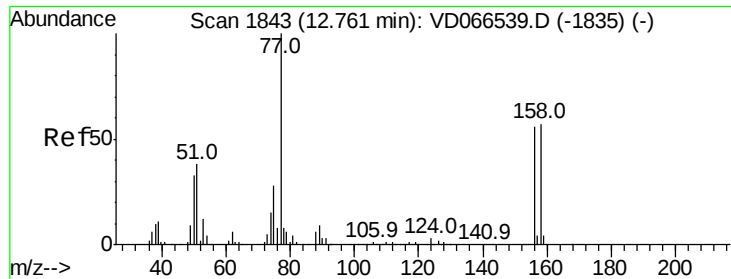
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 60.975 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampled :

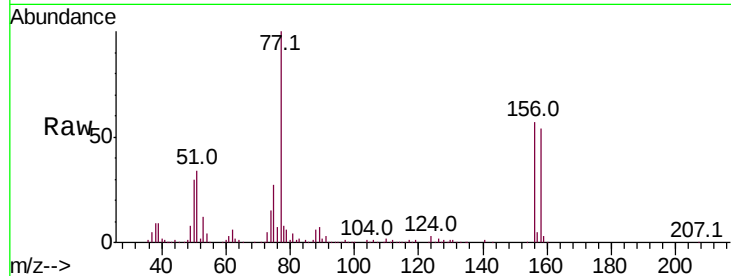
Tot Ion:156 Resp: 239791

Ion Ratio Lower Upper

156 100

77 195.4 98.0 294.1

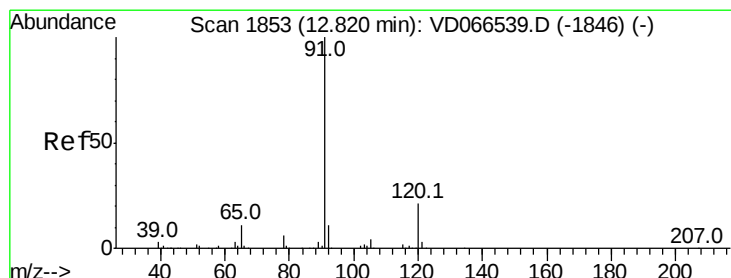
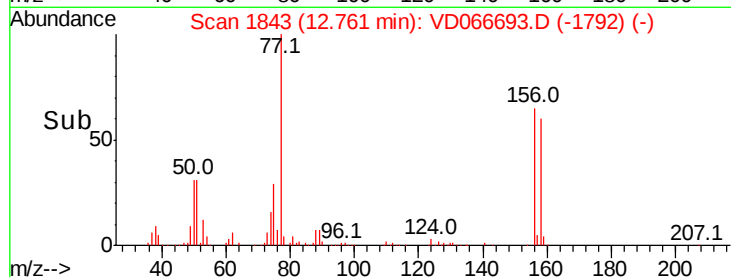
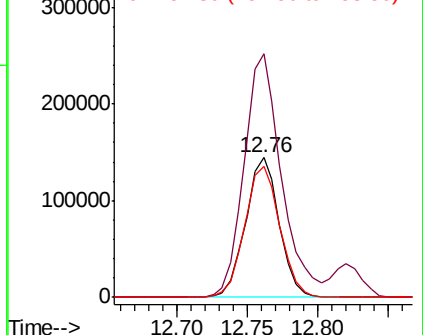
158 98.4 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 60.052 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066693.D

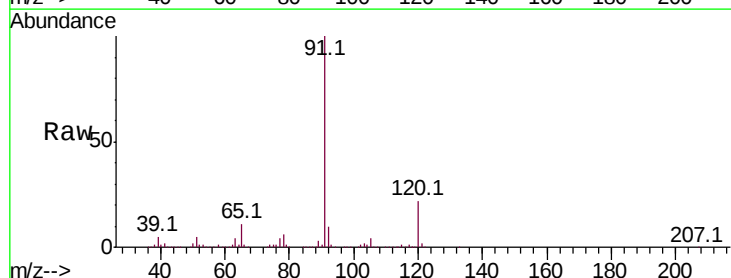
Acq: 15 Sep 2020 02:32

Tgt Ion: 91 Resp: 1284141

Ion Ratio Lower Upper

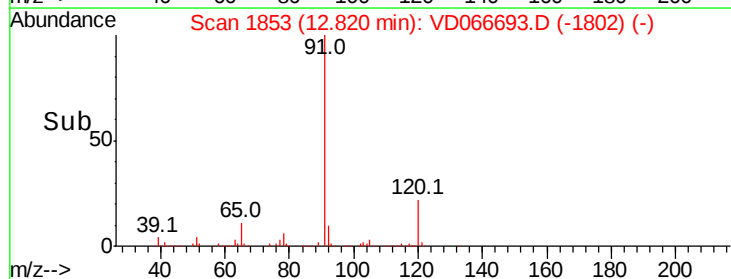
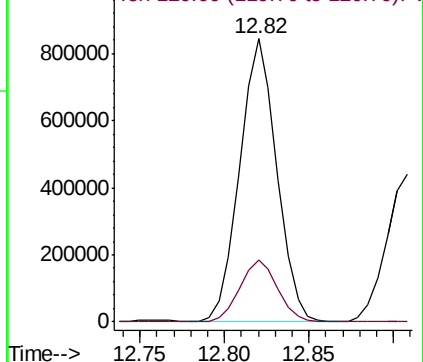
91 100

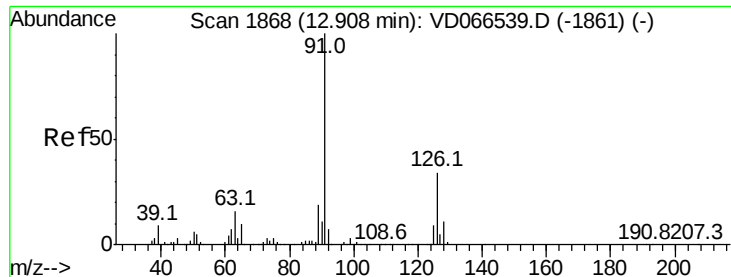
120 22.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 60.504 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

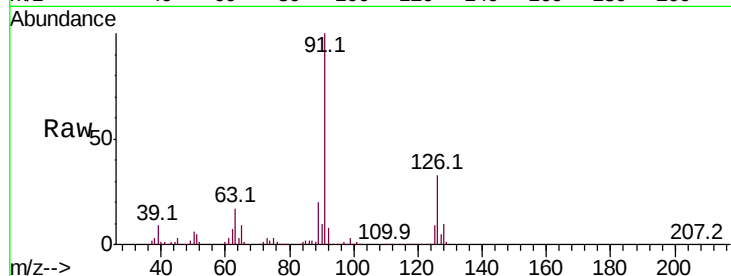
ClientSampled :

Tot Ion: 91 Resp: 725821

Ion Ratio Lower Upper

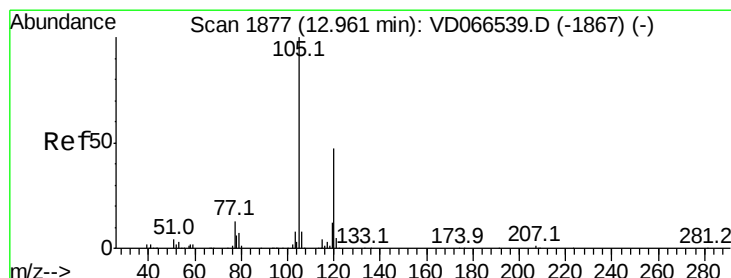
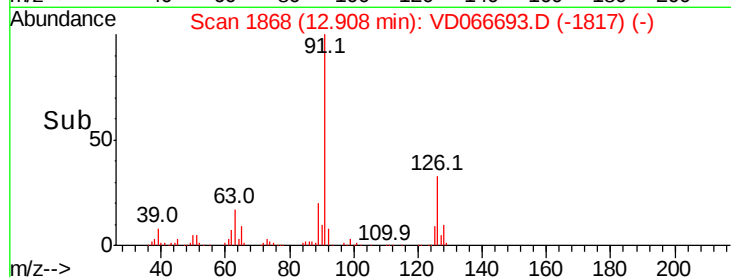
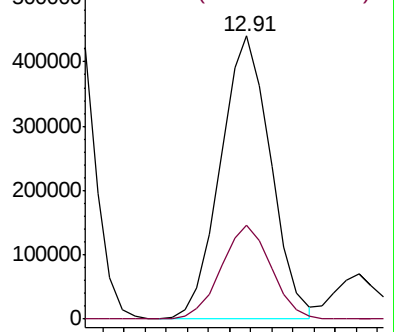
91 100

126 33.1 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 60.629 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066693.D

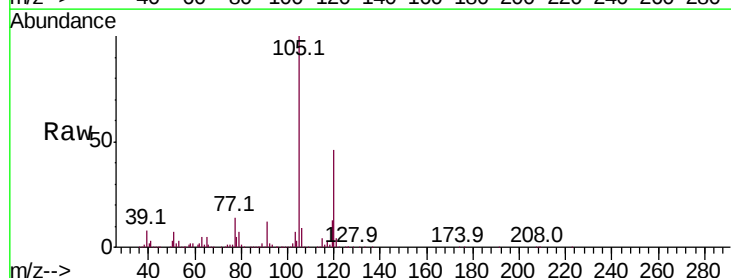
Acq: 15 Sep 2020 02:32

Tgt Ion:105 Resp: 900140

Ion Ratio Lower Upper

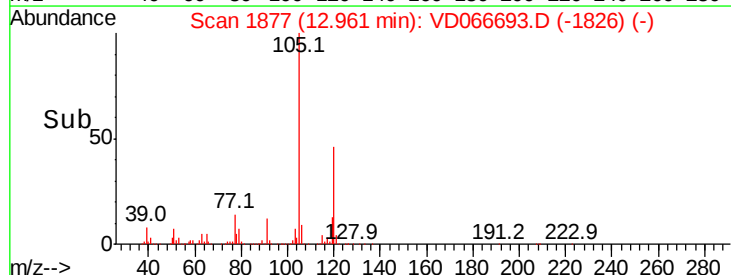
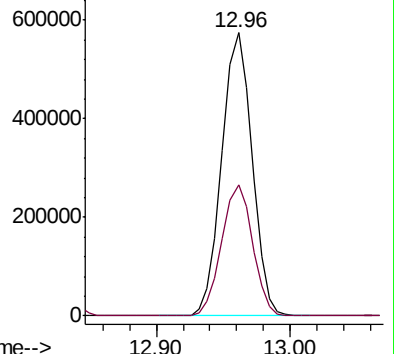
105 100

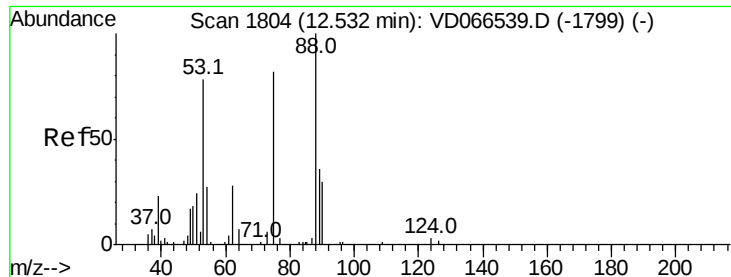
120 47.6 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 57.083 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

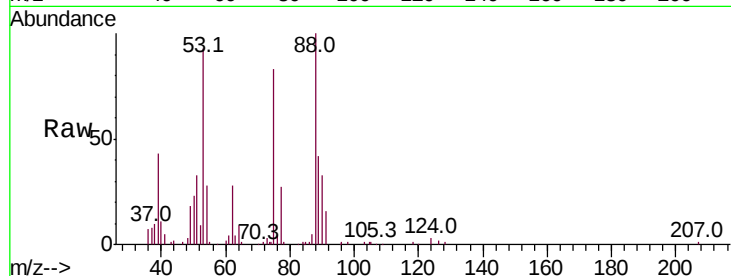
Tot Ion: 75 Resp: 56023

Ion Ratio Lower Upper

75 100

53 104.4 87.0 130.4

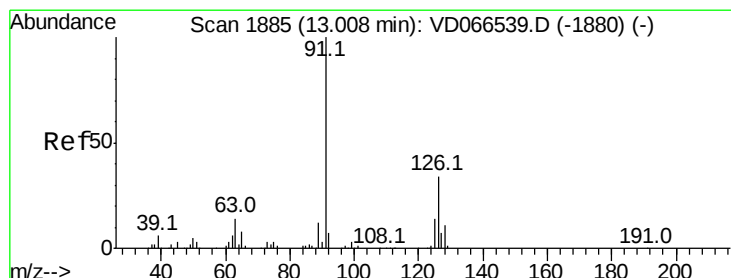
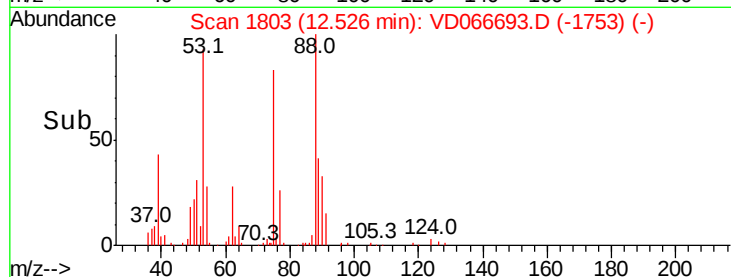
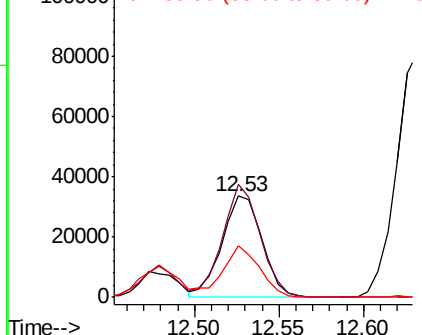
89 44.5 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 59.052 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066693.D

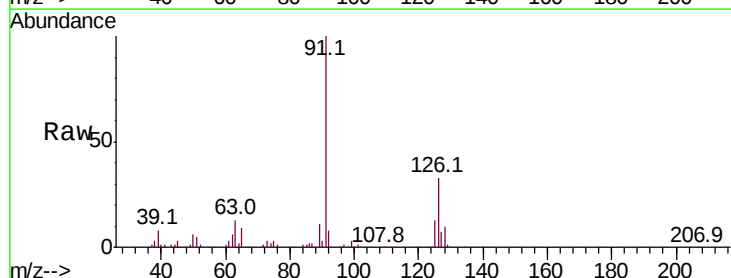
Acq: 15 Sep 2020 02:32

Tgt Ion: 91 Resp: 757534

Ion Ratio Lower Upper

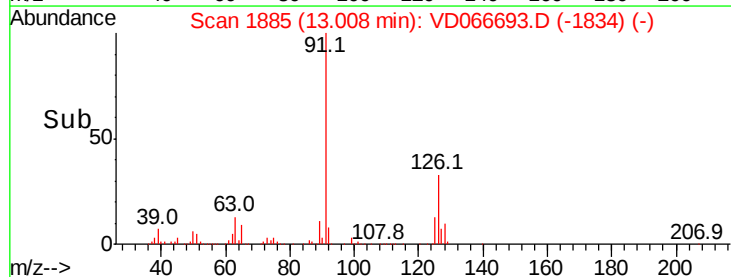
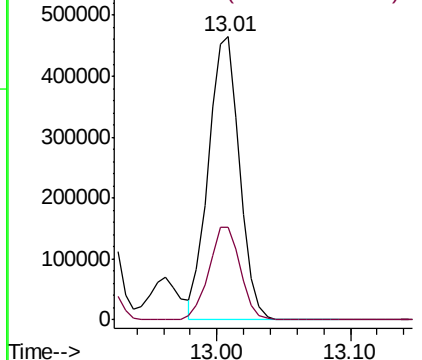
91 100

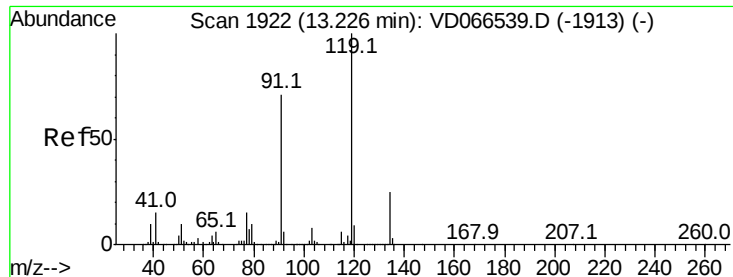
126 33.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 62.175 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

ClientSampleId :

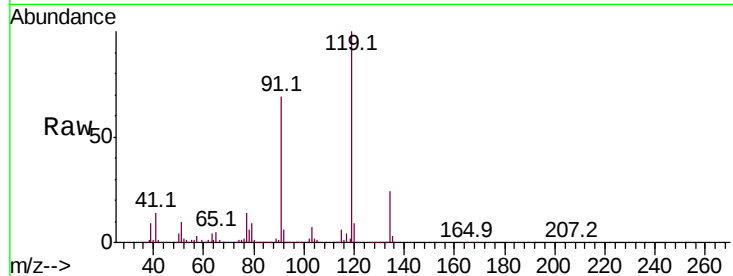
Tot Ion:119 Resp: 753815

Ion Ratio Lower Upper

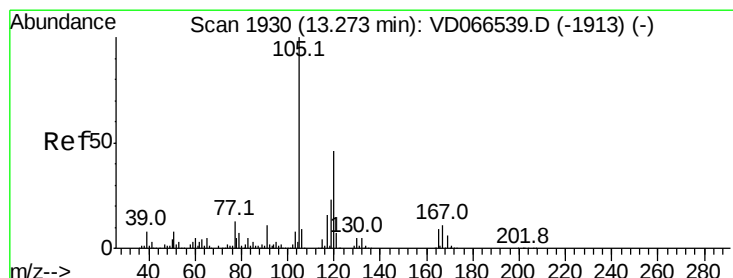
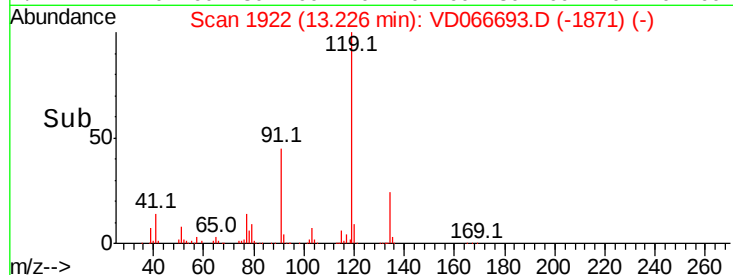
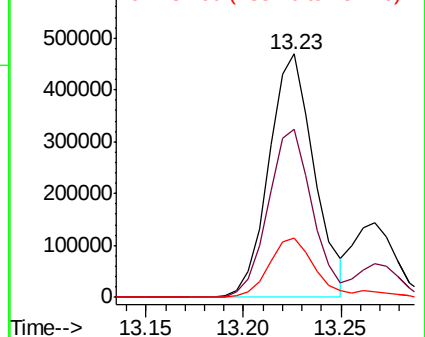
119 100

91 67.2 35.2 105.6

134 24.3 13.5 40.5



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 61.667 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066693.D

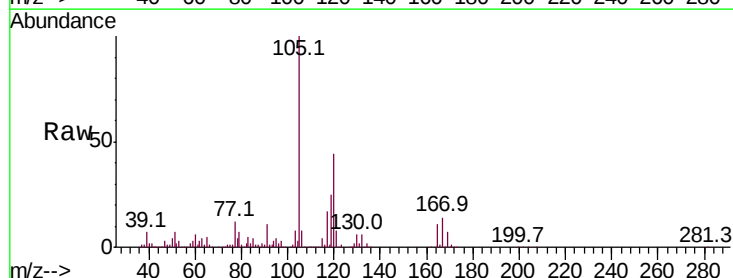
Acq: 15 Sep 2020 02:32

Tgt Ion:105 Resp: 911534

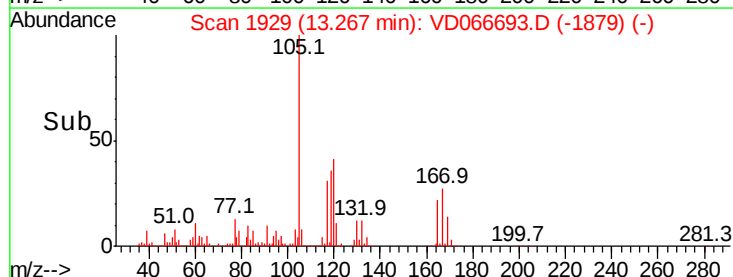
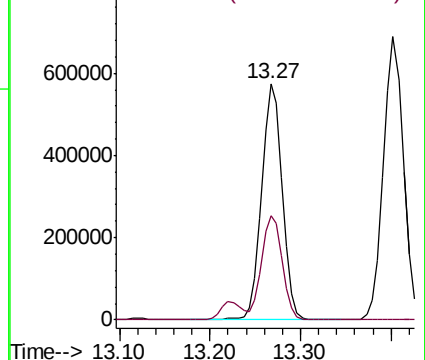
Ion Ratio Lower Upper

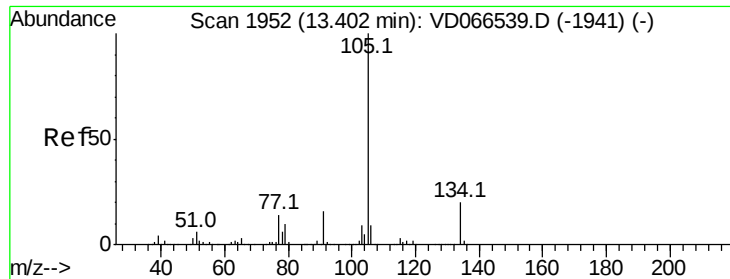
105 100

120 43.9 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 60.128 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

Instrument :

MSVOA_D

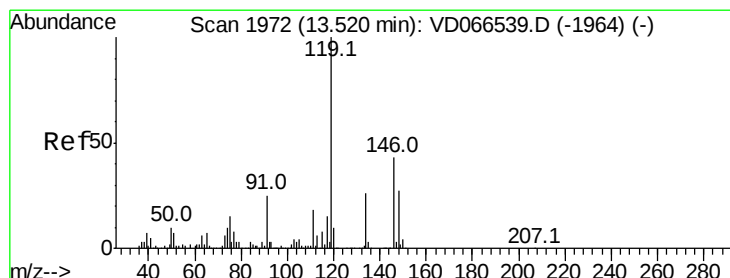
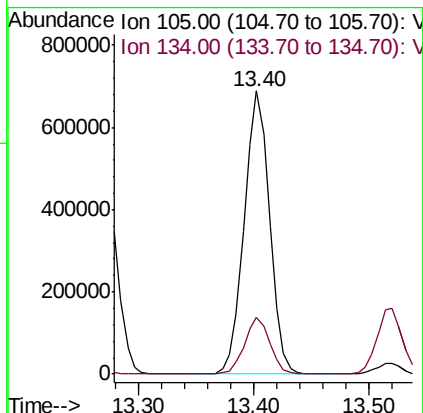
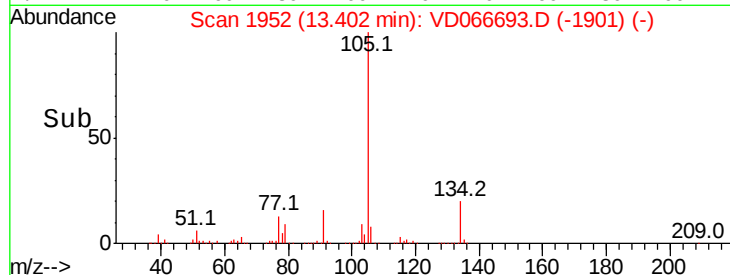
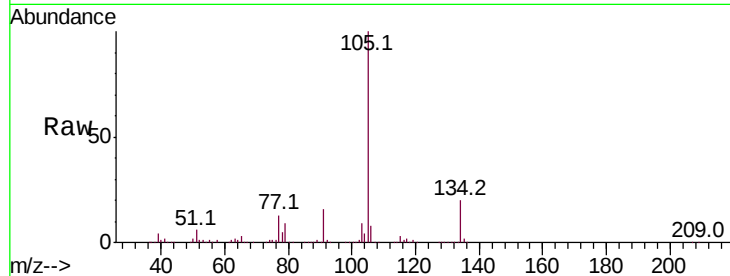
ClientSampleId :

Tot Ion:105 Resp: 1050274

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 60.820 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066693.D

Acq: 15 Sep 2020 02:32

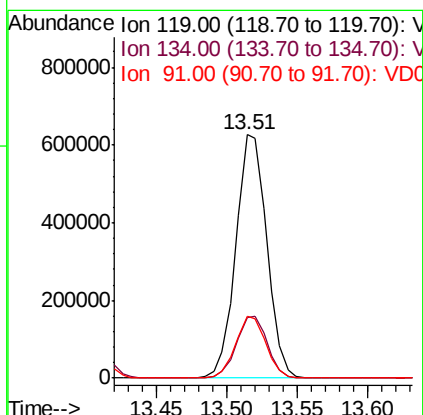
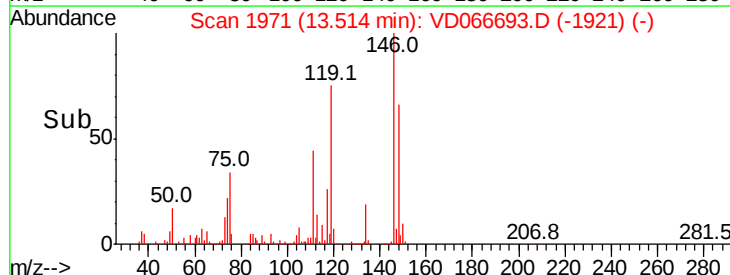
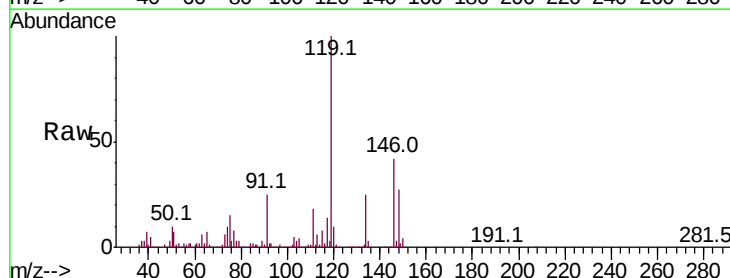
Tgt Ion:119 Resp: 956207

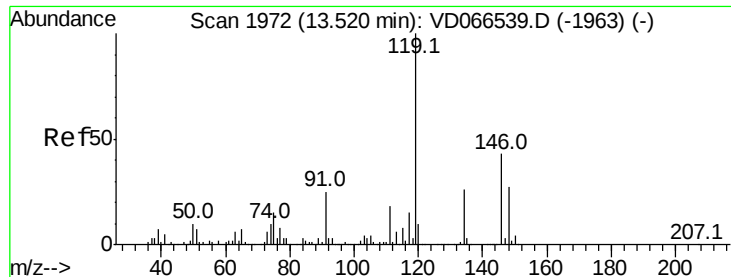
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

91 25.3 12.5 37.5

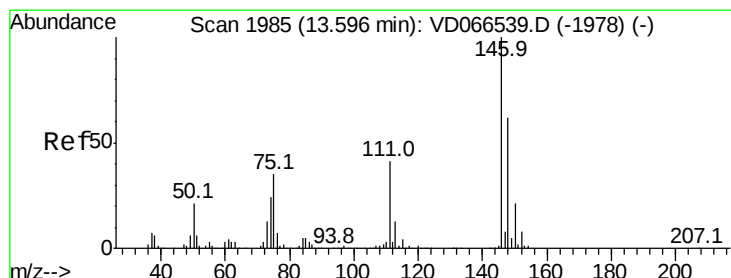
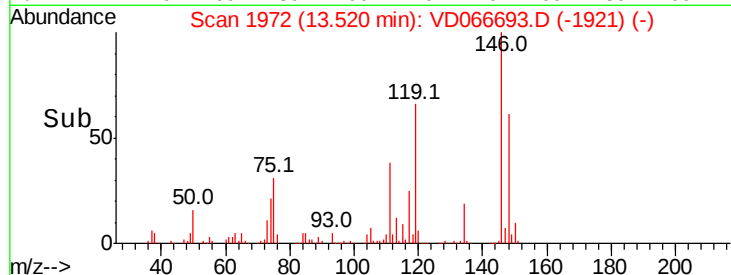
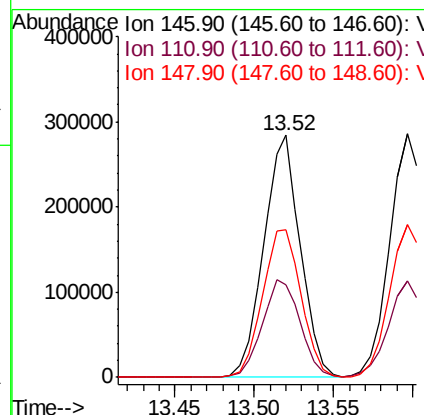
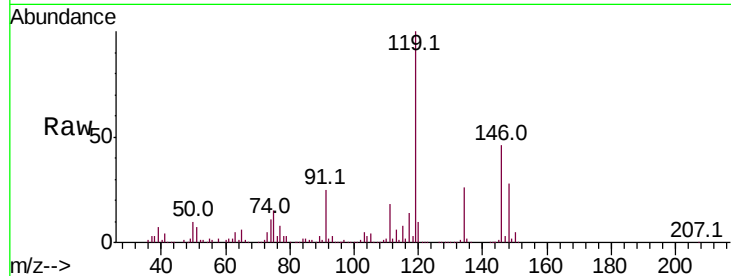




#87
 1,3-Dichlorobenzene
 Concen: 58.343 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

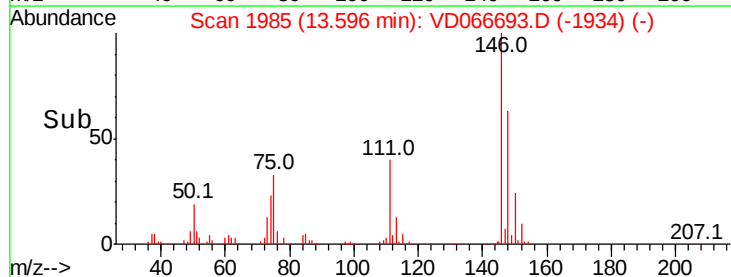
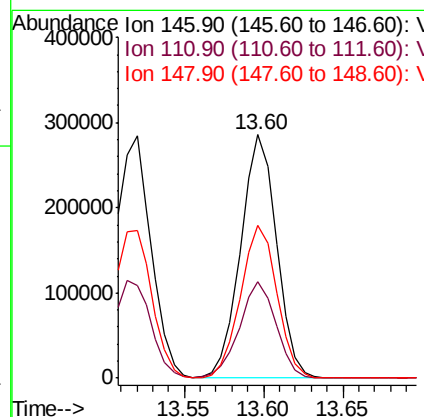
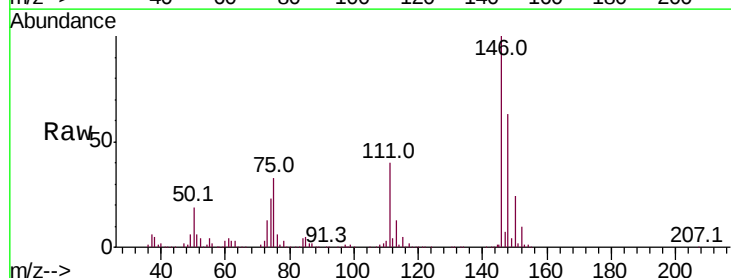
Instrument :
 MSVOA_D
 ClientSampleId :

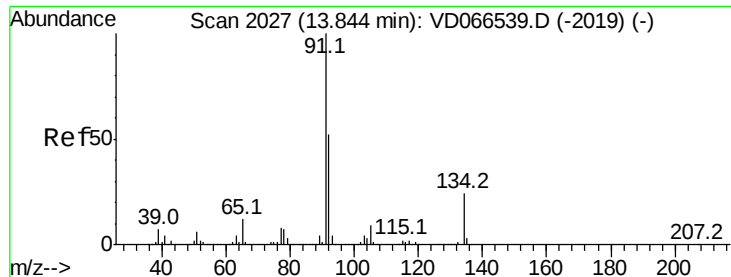
Tot Ion:146 Resp: 455503
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.9
 148 64.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 57.376 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion:146 Resp: 449611
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.1 60.2
 148 63.8 31.6 94.8

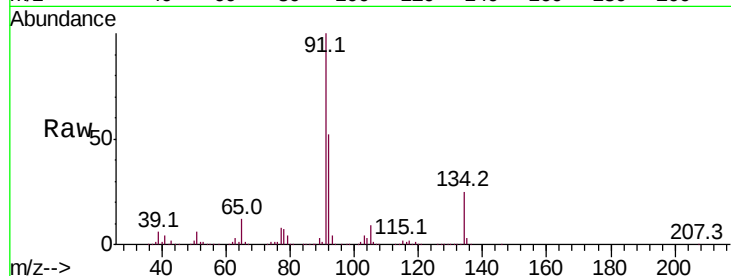




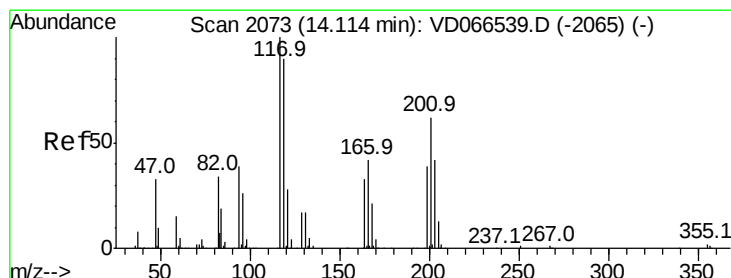
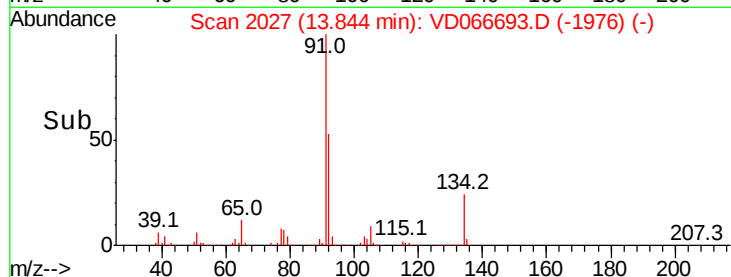
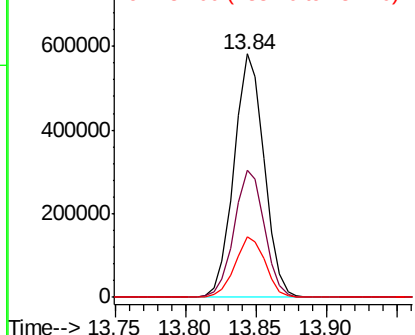
#89
n-Butylbenzene
Concen: 56.405 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 91 Resp: 864159
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.5
134 24.9 12.1 36.3

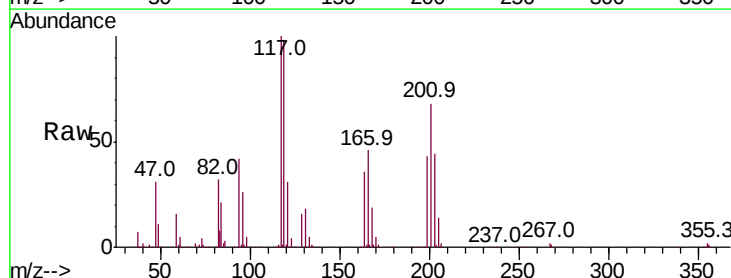


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V

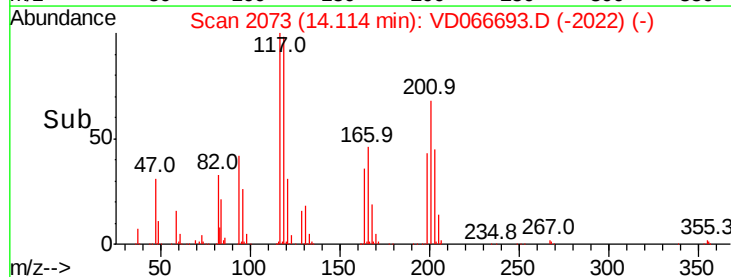
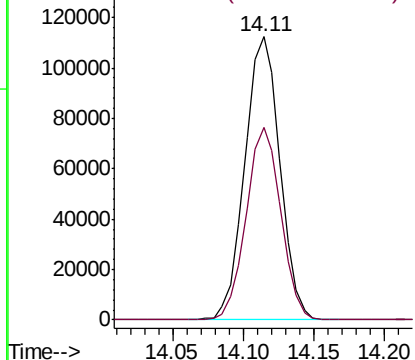


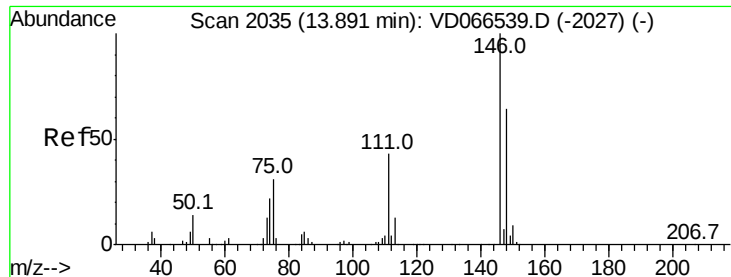
#90
Hexachloroethane
Concen: 57.942 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion: 117 Resp: 196283
Ion Ratio Lower Upper
117 100
201 67.1 31.9 95.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

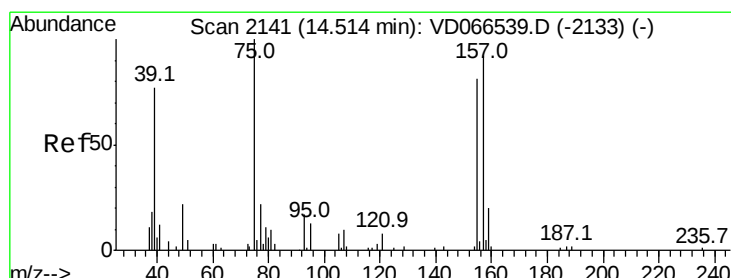
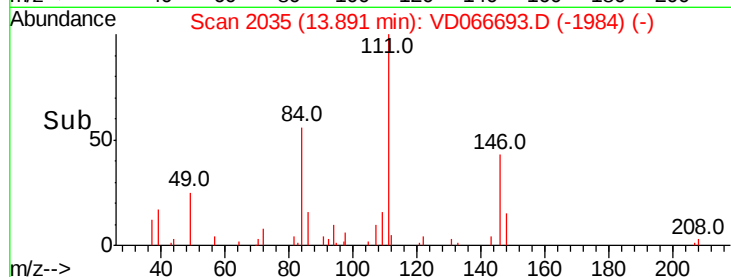
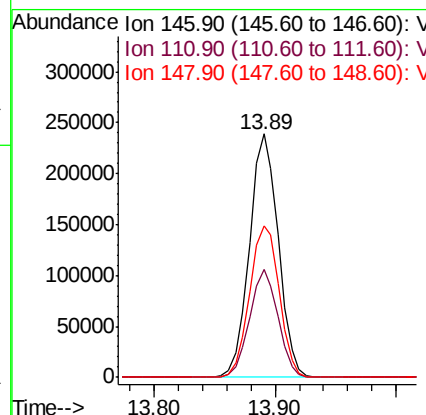
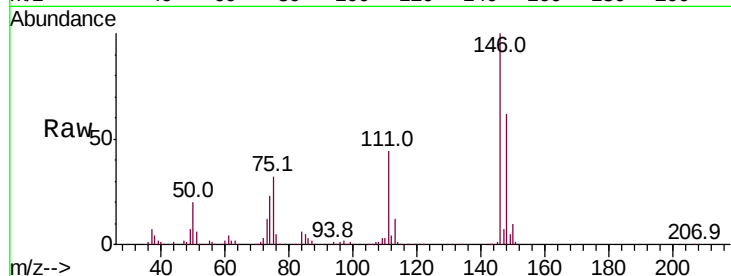




#91
 1,2-Dichlorobenzene
 Concen: 58.448 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

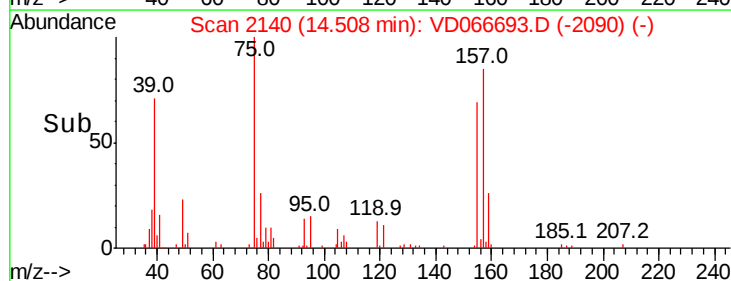
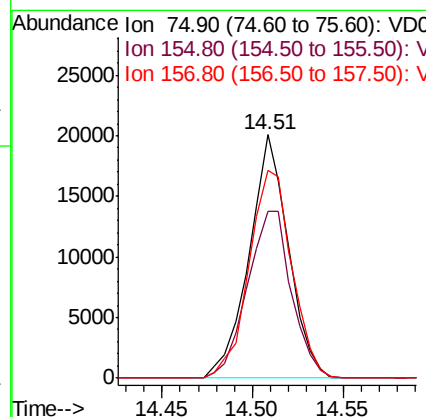
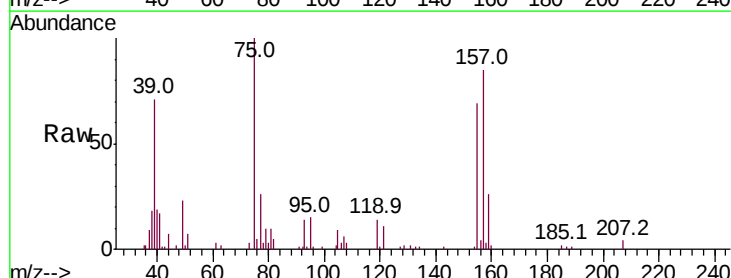
Instrument :
 MSVOA_D
 ClientSampleId :

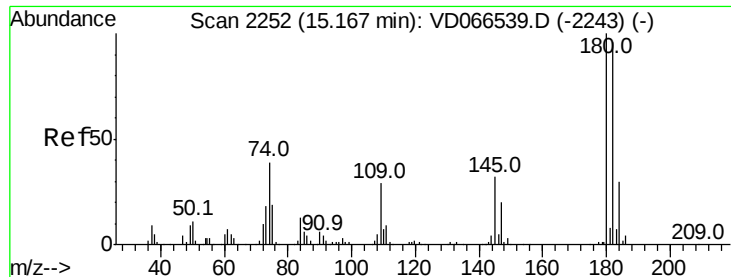
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.1	63.4
148	64.0	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.146 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.7	39.3	117.8
157	92.9	46.0	137.8

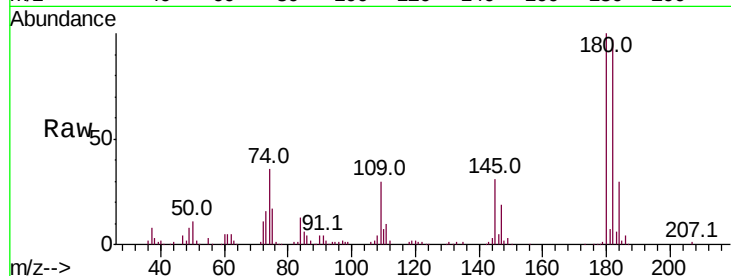




#93
 1,2,4-Trichlorobenzene
 Concen: 59.817 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.4	145.0
145	32.2	16.7	50.0

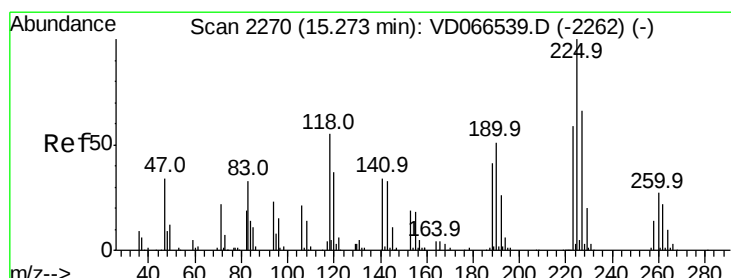
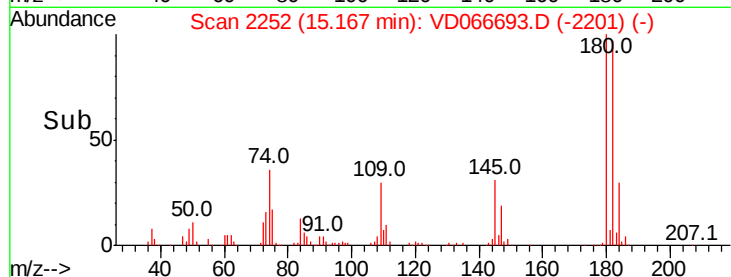
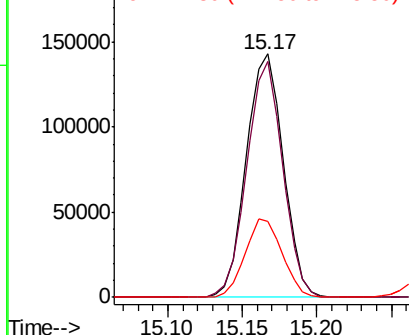


Abundance

Ion 179.80 (179.50 to 180.50): V

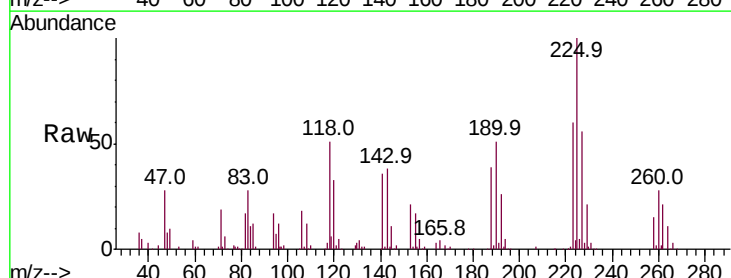
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 55.467 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066693.D
 Acq: 15 Sep 2020 02:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	30.5	91.5
227	62.2	32.4	97.2

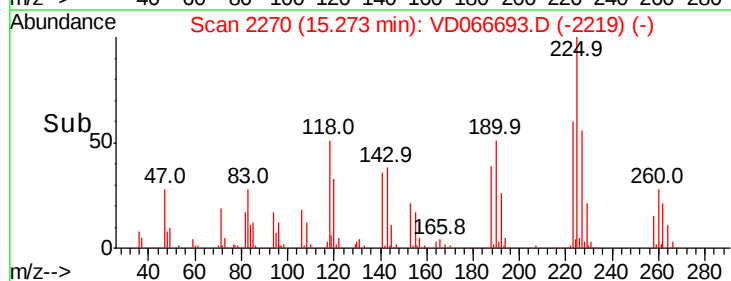
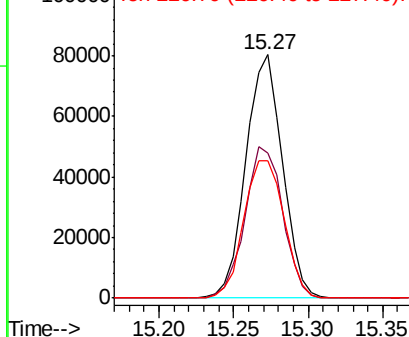


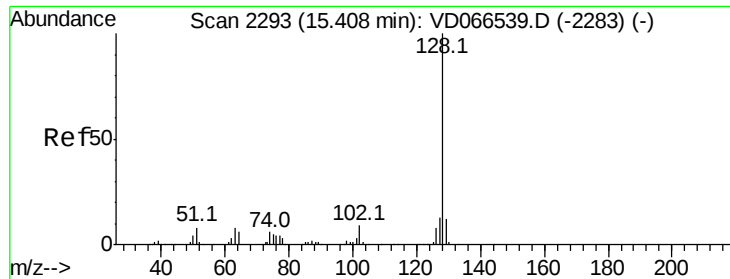
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

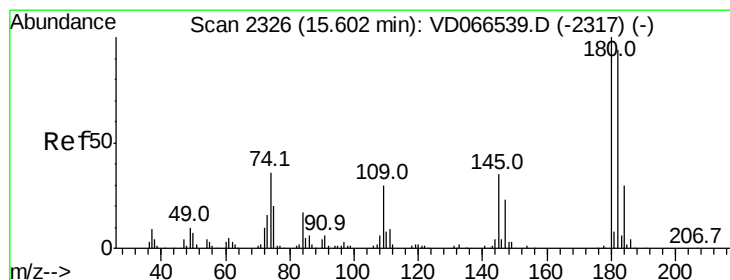
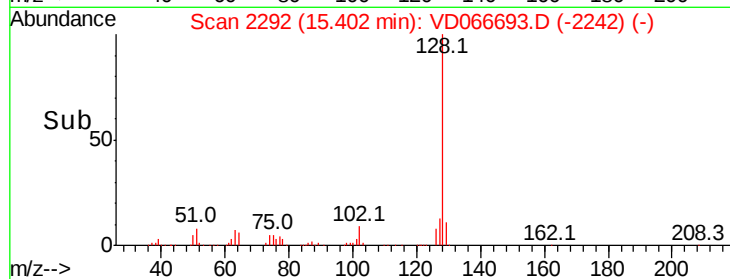
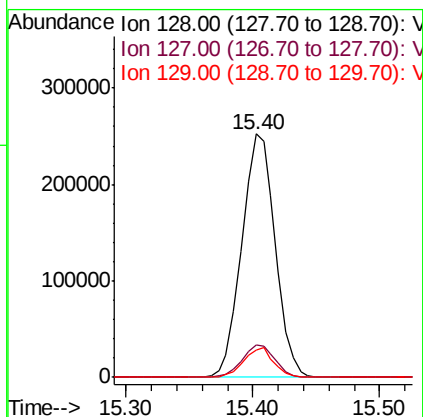
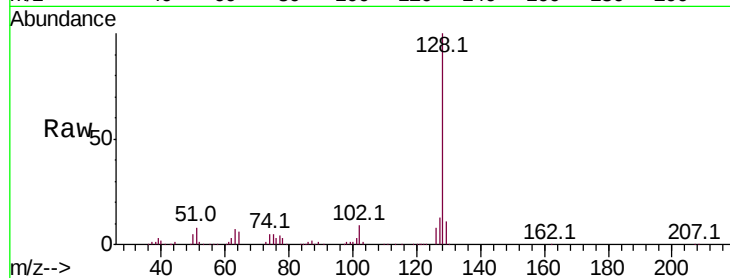




#95
Naphthalene
Concen: 64.434 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 461130
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.0 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 60.622 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066693.D
Acq: 15 Sep 2020 02:32

Tgt Ion:180 Resp: 211672
Ion Ratio Lower Upper
180 100
182 98.1 47.9 143.6
145 34.8 17.3 51.7

