

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066737.D
 Acq On : 17 Sep 2020 11:52
 Operator : VA/SY
 Sample : VD0917SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

Quant Time: Sep 18 01:14:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	397077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	656308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	608197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	214306	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	7.91	113	205782	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	10.34	98	752677	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.63	95	257225	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	73976	22.572	ug/l	99
3) Chloromethane	2.21	50	87042	20.144	ug/l	96
4) Vinyl Chloride	2.35	62	85118	18.822	ug/l	93
5) Bromomethane	2.76	94	63011	19.642	ug/l	94
6) Chloroethane	2.92	64	55360	19.651	ug/l	92
7) Trichlorofluoromethane	3.27	101	157116	20.115	ug/l	96
8) Diethyl Ether	3.71	74	37140	18.988	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	86529	20.157	ug/l	98
10) Methyl Iodide	4.30	142	73931	18.152	ug/l	98
11) Tert butyl alcohol	5.19	59	42022	115.983	ug/l #	84
12) 1,1-Dichloroethene	4.07	96	78926	19.865	ug/l	97
13) Acrolein	3.92	56	27085	90.647	ug/l	94
14) Allyl chloride	4.72	41	123747	19.394	ug/l	99
15) Acrylonitrile	5.42	53	88241	102.985	ug/l	99
16) Acetone	4.16	43	82523	95.653	ug/l	94
17) Carbon Disulfide	4.41	76	261565	20.950	ug/l	100
18) Methyl Acetate	4.71	43	39462	19.210	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	176062	19.894	ug/l	100
20) Methylene Chloride	4.96	84	106199	18.220	ug/l	93
21) trans-1,2-Dichloroethene	5.48	96	93290	20.153	ug/l	97
22) Diisopropyl ether	6.36	45	266998	20.593	ug/l	97
23) Vinyl Acetate	6.30	43	724331	100.436	ug/l	97
24) 1,1-Dichloroethane	6.26	63	159651	19.405	ug/l	97
25) 2-Butanone	7.21	43	111832	99.548	ug/l	92
26) 2,2-Dichloropropane	7.20	77	146971	19.318	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	101072	19.958	ug/l	97
28) Bromochloromethane	7.54	49	70063	22.799	ug/l	91
29) Tetrahydrofuran	7.56	42	68868	100.196	ug/l	99
30) Chloroform	7.71	83	174509	19.930	ug/l	99
31) Cyclohexane	7.98	56	143601	19.189	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	159821	19.946	ug/l	100
36) 1,1-Dichloropropene	8.11	75	133631	19.804	ug/l	98
37) Ethyl Acetate	7.29	43	51702	20.239	ug/l #	95
38) Carbon Tetrachloride	8.10	117	144962	20.230	ug/l	96

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 Data File : VD066737.D
 Acq On : 17 Sep 2020 11:52
 Operator : VA/SY
 Sample : VD0917SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0917SBS01

Quant Time: Sep 18 01:14:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	146194	18.941	ug/l	99
40) Benzene	8.35	78	368393	20.180	ug/l	96
41) Methacrylonitrile	7.53	41	25246	18.668	ug/l	94
42) 1,2-Dichloroethane	8.42	62	112270	19.851	ug/l	99
43) Isopropyl Acetate	8.44	43	93240	19.392	ug/l	99
44) Trichloroethene	9.11	130	99556	20.397	ug/l	98
45) 1,2-Dichloropropane	9.38	63	93275	20.668	ug/l	98
46) Dibromomethane	9.47	93	50509	20.367	ug/l	100
47) Bromodichloromethane	9.66	83	136094	20.139	ug/l	98
48) Methyl methacrylate	9.45	41	49395	20.197	ug/l	99
49) 1,4-Dioxane	9.46	88	11103	417.953	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	245195	99.052	ug/l	100
52) Toluene	10.40	92	239841	20.508	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	120717	19.997	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	143219	19.974	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	66599	20.368	ug/l	98
56) Ethyl methacrylate	10.66	69	74914	20.190	ug/l	96
57) 1,3-Dichloropropane	10.94	76	113630	19.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	188159	115.461	ug/l	98
59) 2-Hexanone	10.98	43	164054	98.633	ug/l	100
60) Dibromochloromethane	11.14	129	87877	20.626	ug/l	97
61) 1,2-Dibromoethane	11.25	107	64777	20.652	ug/l	98
64) Tetrachloroethene	10.87	164	82430	19.854	ug/l	93
65) Chlorobenzene	11.67	112	246463	19.573	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	90380	19.453	ug/l	99
67) Ethyl Benzene	11.74	91	431788	18.931	ug/l	99
68) m/p-Xylenes	11.85	106	336369	39.020	ug/l	99
69) o-Xylene	12.18	106	148623	19.510	ug/l	98
70) Styrene	12.20	104	265466	19.799	ug/l	99
71) Bromoform	12.36	173	46093	19.768	ug/l #	100
73) Isopropylbenzene	12.48	105	407060	19.663	ug/l	99
74) N-amyl acetate	12.29	43	83444	19.108	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	71920	20.445	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	93651	39.454	ug/l #	100
77) Bromobenzene	12.76	156	92913	19.473	ug/l	97
78) n-propylbenzene	12.82	91	496499	19.674	ug/l	99
79) 2-Chlorotoluene	12.91	91	282894	19.825	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	349099	19.944	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	22573	20.524	ug/l	94
82) 4-Chlorotoluene	13.01	91	308886	20.472	ug/l	98
83) tert-Butylbenzene	13.23	119	279530	19.375	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	349813	19.997	ug/l	98
85) sec-Butylbenzene	13.40	105	402721	19.471	ug/l	100
86) p-Isopropyltoluene	13.52	119	367192	19.528	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	183237	20.017	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	182884	20.063	ug/l	98
89) n-Butylbenzene	13.84	91	350270	19.590	ug/l	98
90) Hexachloroethane	14.11	117	77764	20.132	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	156444	19.945	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11521	20.260	ug/l	94

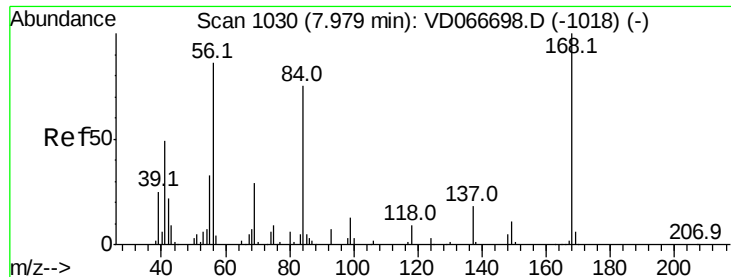
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066737.D
Acq On : 17 Sep 2020 11:52
Operator : VA/SY
Sample : VD0917SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBSD01

Quant Time: Sep 18 01:14:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	96094	20.255	ug/l	98
94) Hexachlorobutadiene	15.27	225	56207	19.665	ug/l	99
95) Naphthalene	15.41	128	158320	19.100	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	81385	19.640	ug/l	95

(#) = 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: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

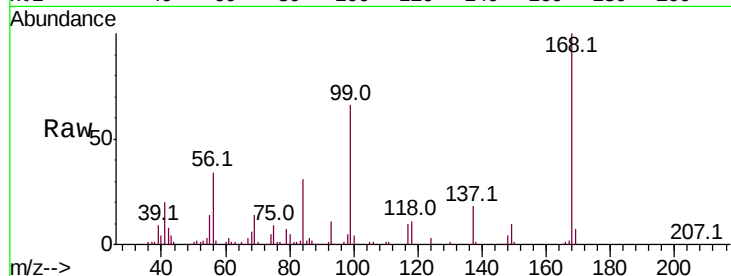
VD0917SBS01

Tot Ion:168 Resp: 397077

Ion Ratio Lower Upper

168 100

99 65.9 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

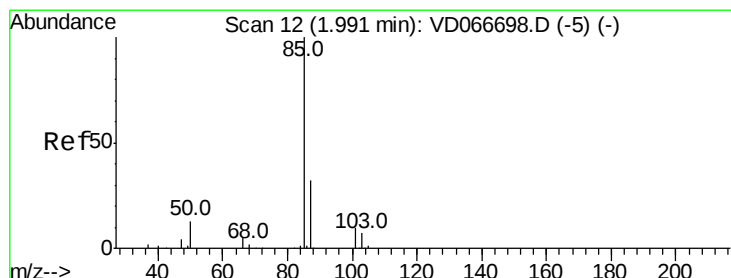
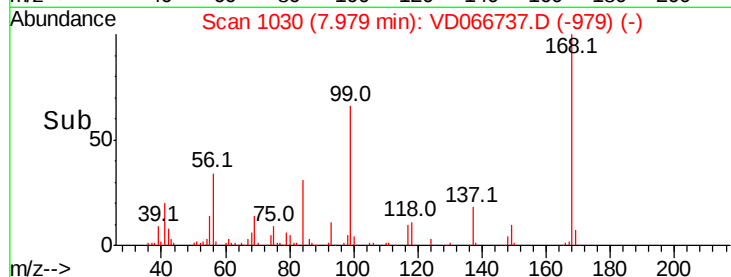
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.572 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066737.D

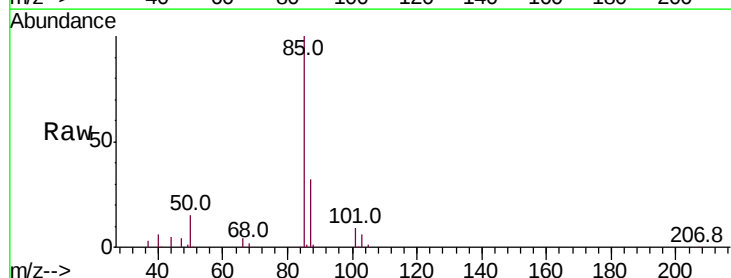
Acq: 17 Sep 2020 11:52

Tgt Ion: 85 Resp: 73976

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

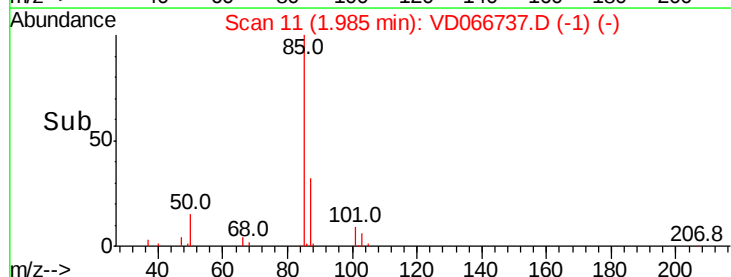
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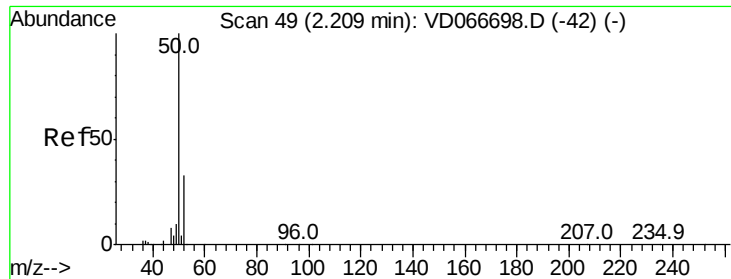
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.144 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

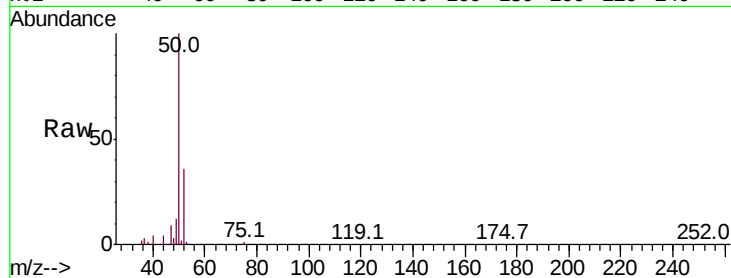
VD0917SBSD01

Tot Ion: 50 Resp: 87042

Ion Ratio Lower Upper

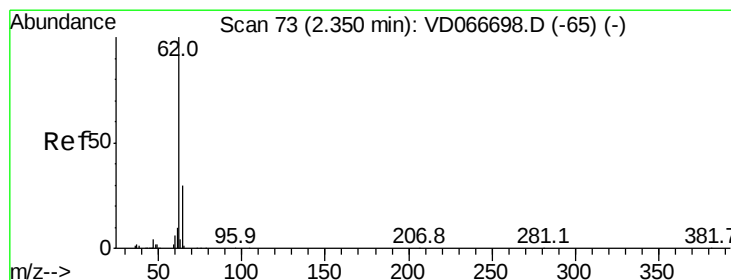
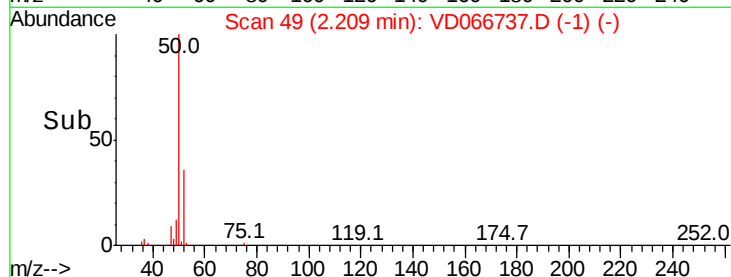
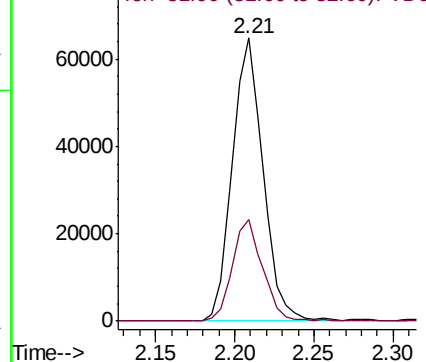
50 100

52 35.9 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.822 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066737.D

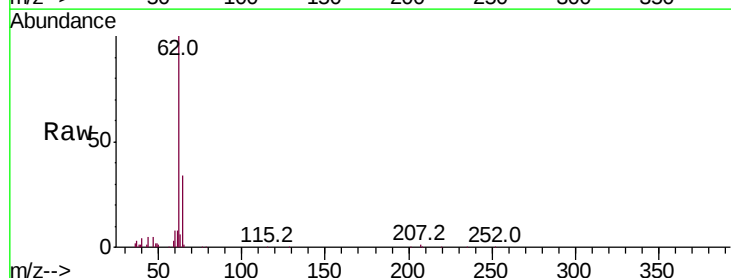
Acq: 17 Sep 2020 11:52

Tgt Ion: 62 Resp: 85118

Ion Ratio Lower Upper

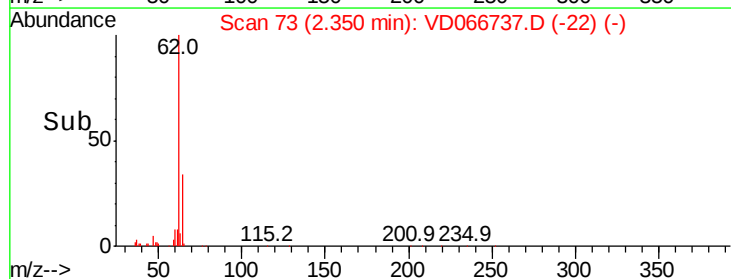
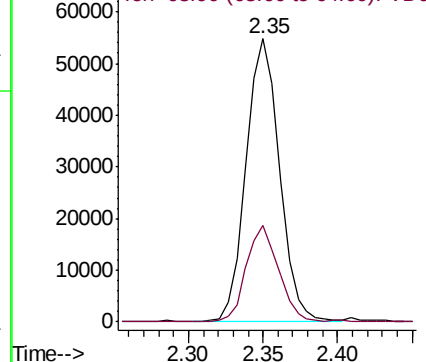
62 100

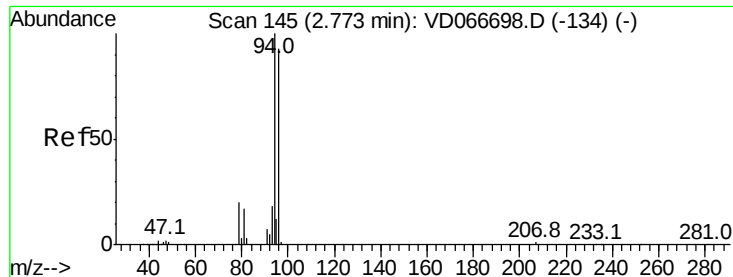
64 34.2 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.642 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

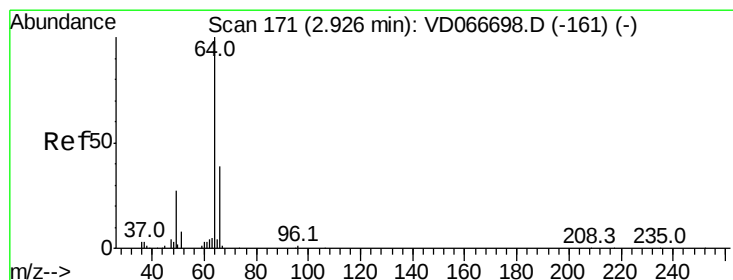
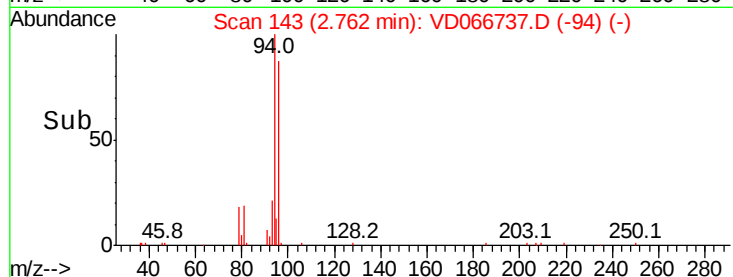
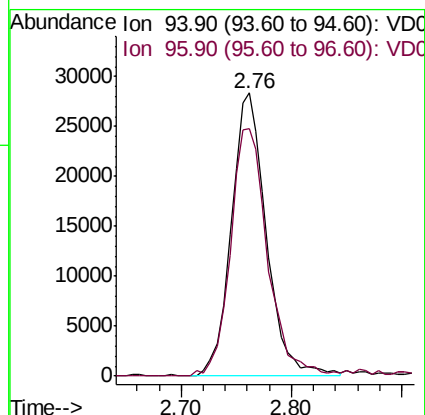
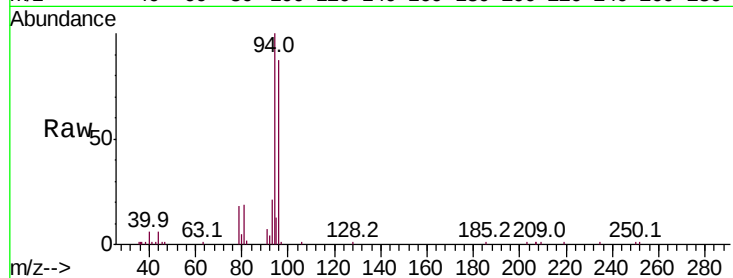
VD0917SBSD01

Tot Ion: 94 Resp: 63011

Ion Ratio Lower Upper

94 100

96 87.2 74.7 112.1



#6

Chloroethane

Concen: 19.651 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD066737.D

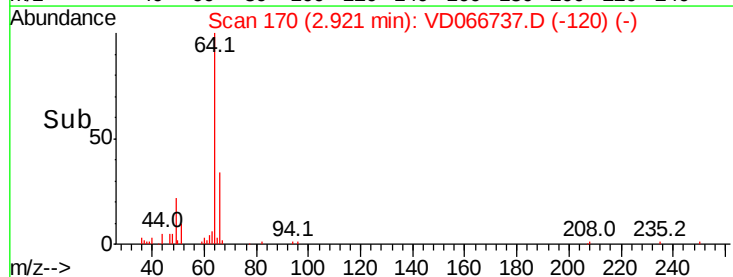
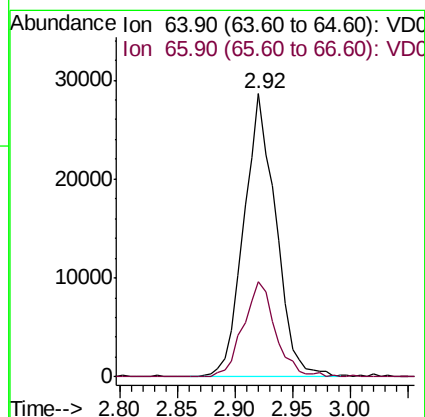
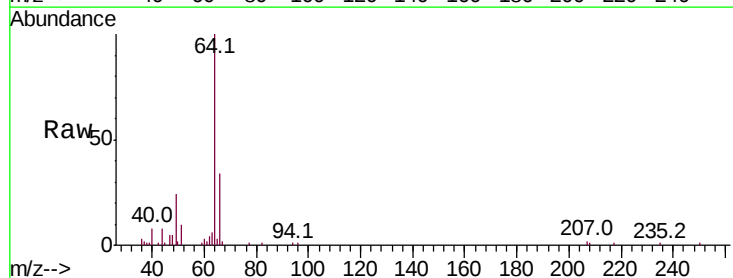
Acq: 17 Sep 2020 11:52

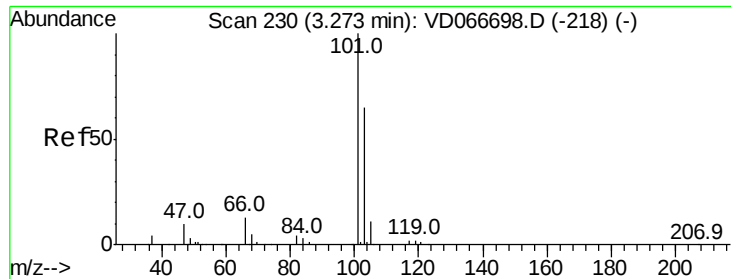
Tgt Ion: 64 Resp: 55360

Ion Ratio Lower Upper

64 100

66 33.8 30.9 46.3



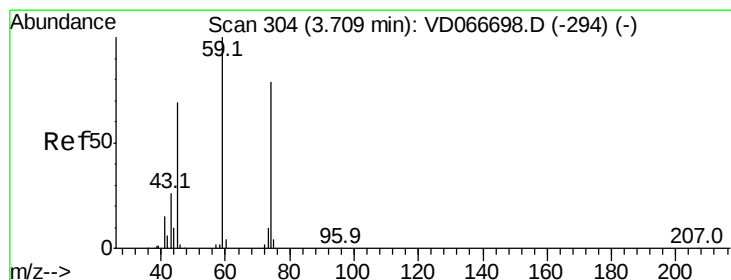
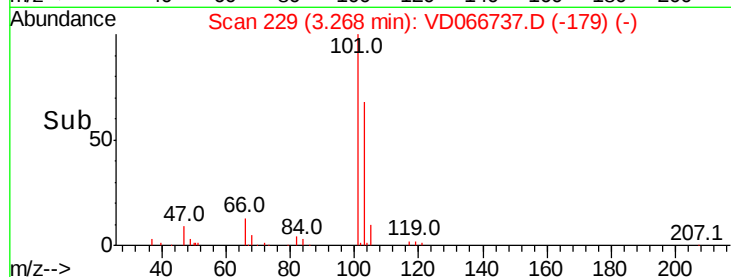
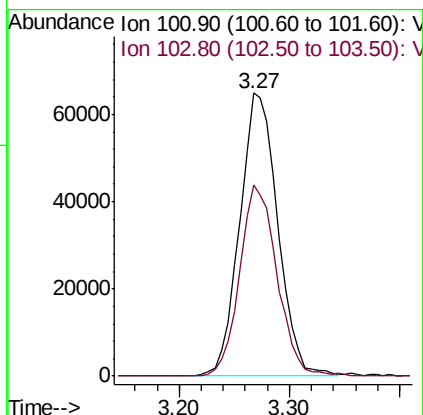
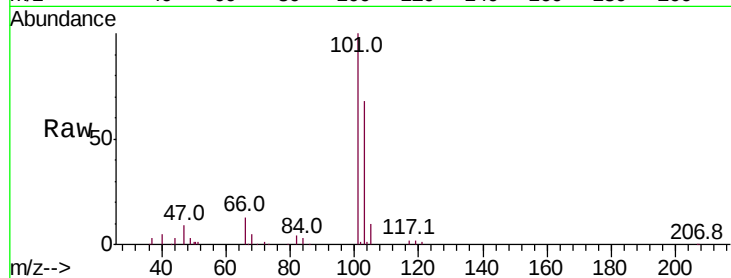


#7

Trichlorofluoromethane
Concen: 20.115 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBSD01

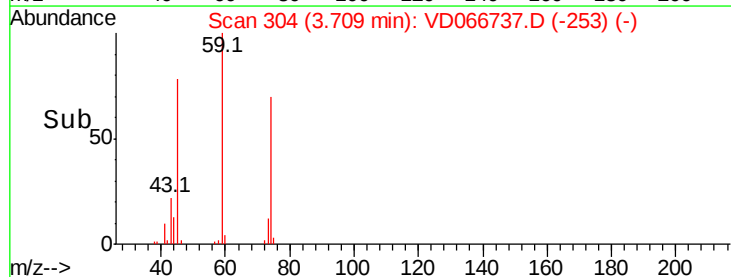
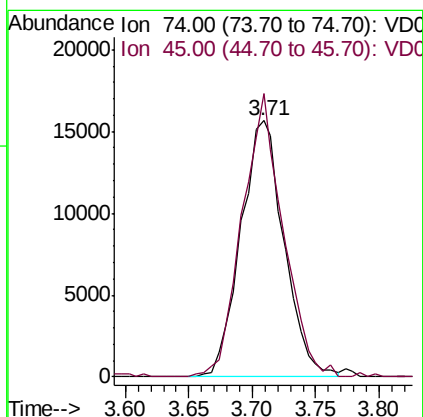
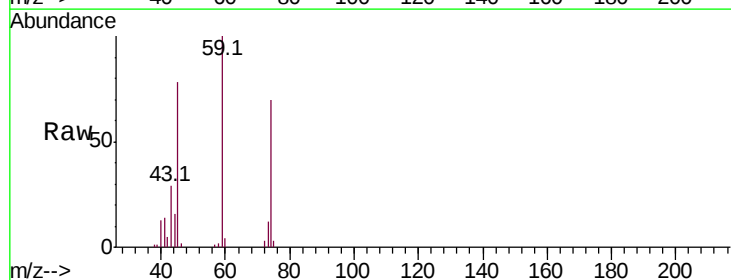
Tot Ion:101 Resp: 157116
Ion Ratio Lower Upper
101 100
103 67.7 51.8 77.8

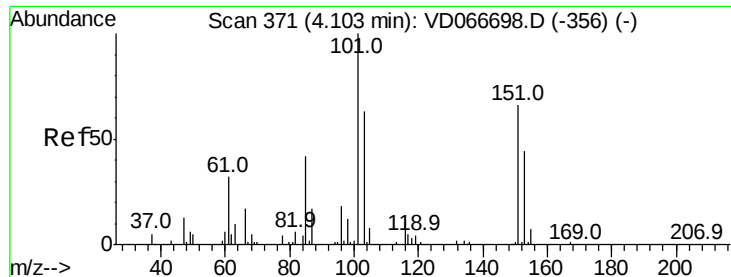


#8

Diethyl Ether
Concen: 18.988 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 74 Resp: 37140
Ion Ratio Lower Upper
74 100
45 104.8 48.0 144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.157 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBSD01

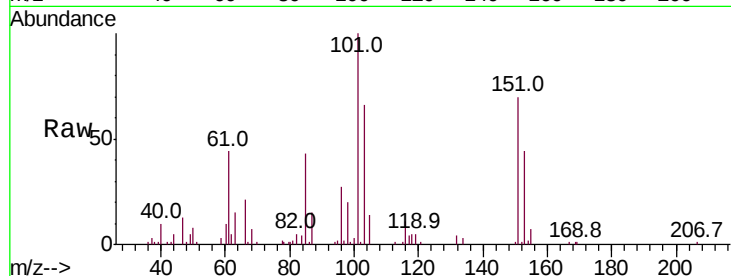
Tot Ion:101 Resp: 86529

Ion Ratio Lower Upper

101 100

85 44.9 36.3 54.5

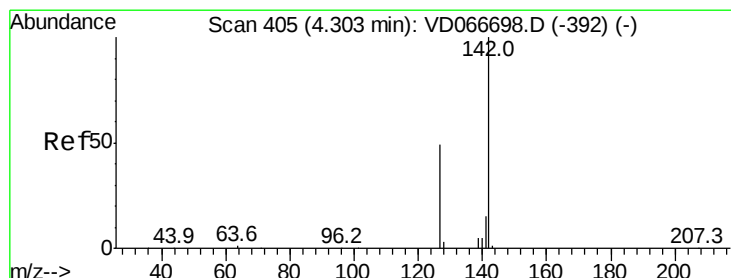
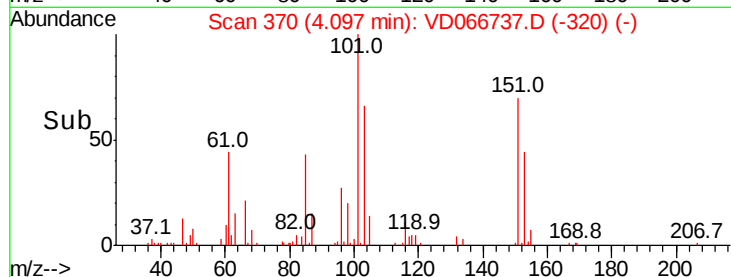
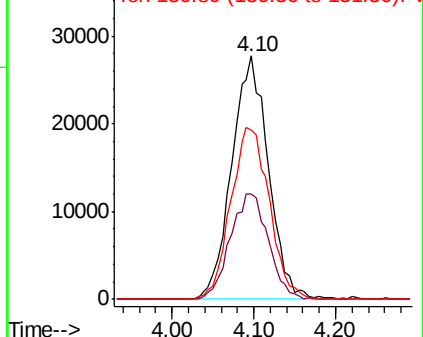
151 74.2 58.0 87.0



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: 18.152 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

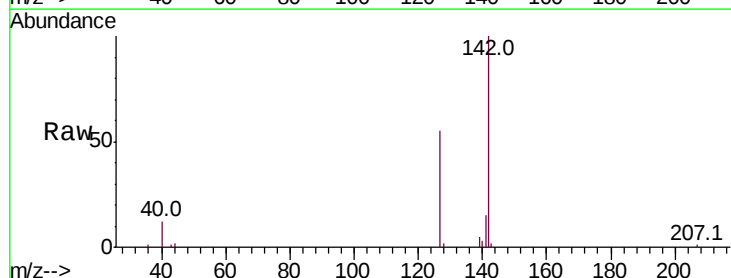
Tgt Ion:142 Resp: 73931

Ion Ratio Lower Upper

142 100

127 50.3 39.0 58.4

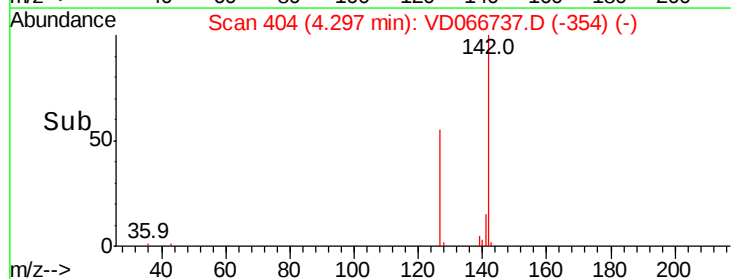
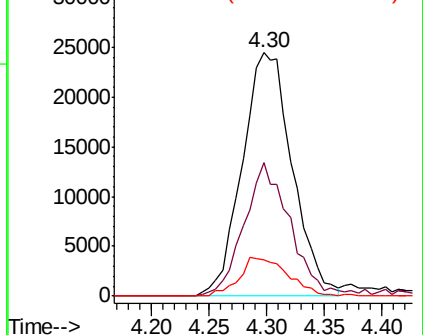
141 15.5 11.7 17.5

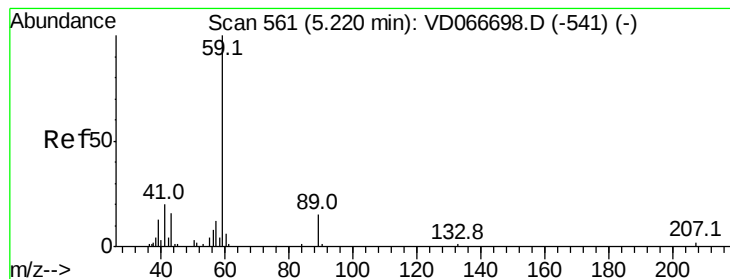


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



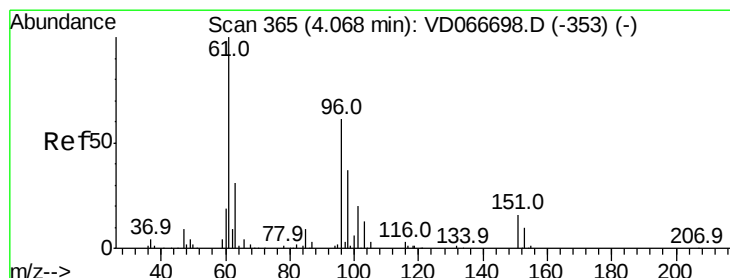
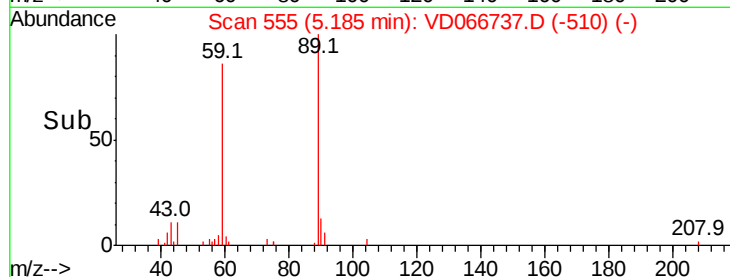
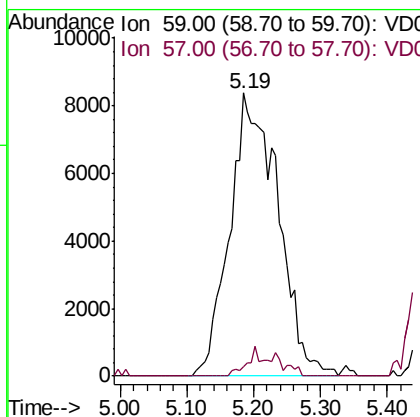
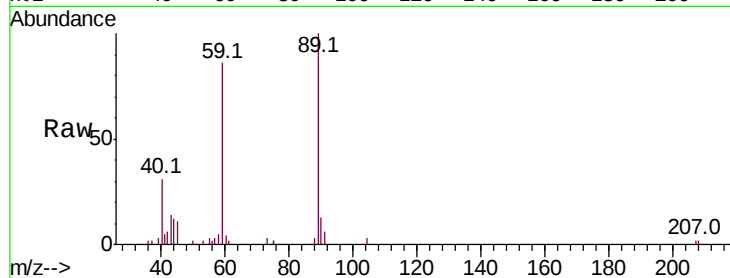


#11

Tert butyl alcohol
 Concen: 115.983 ug/l
 RT: 5.19 min Scan# 555
 Delta R.T. -0.03 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

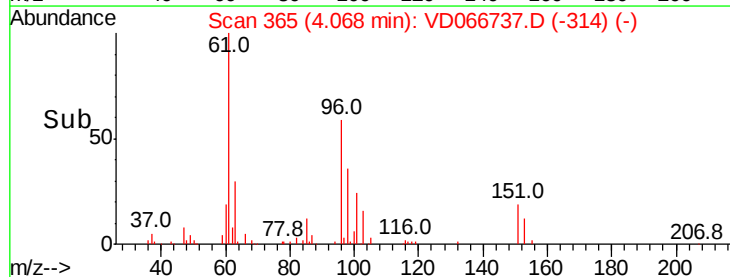
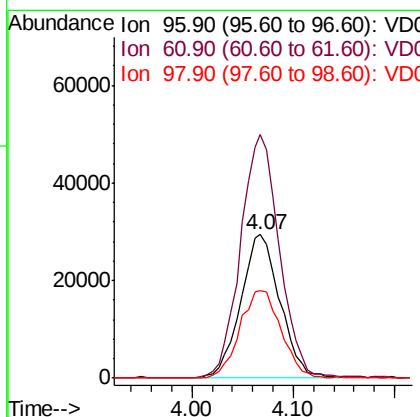
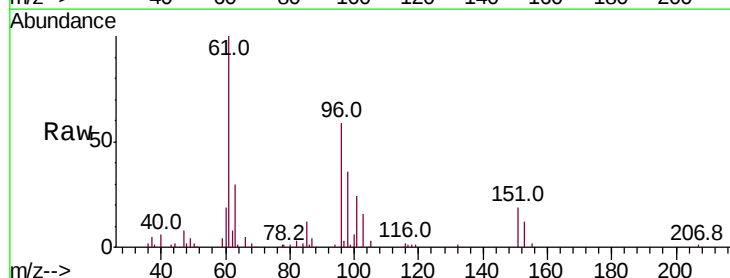
Tot Ion: 59 Resp: 42022
 Ion Ratio Lower Upper
 59 100
 57 2.9 6.7 10.1#

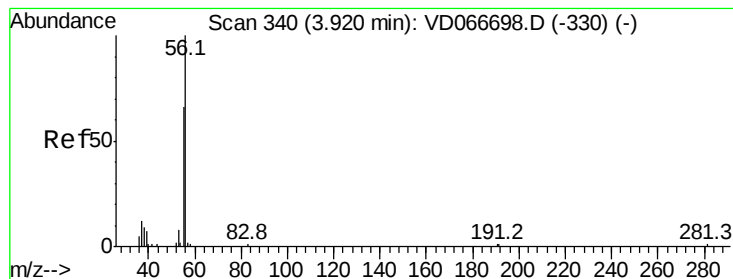


#12

1,1-Dichloroethene
 Concen: 19.865 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

Tgt Ion: 96 Resp: 78926
 Ion Ratio Lower Upper
 96 100
 61 169.5 131.9 197.9
 98 60.9 49.1 73.7





#13

Acrolein

Concen: 90.647 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

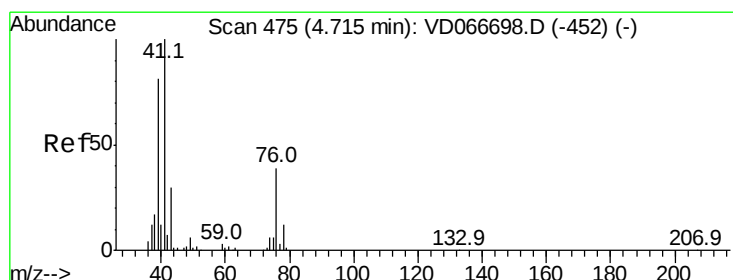
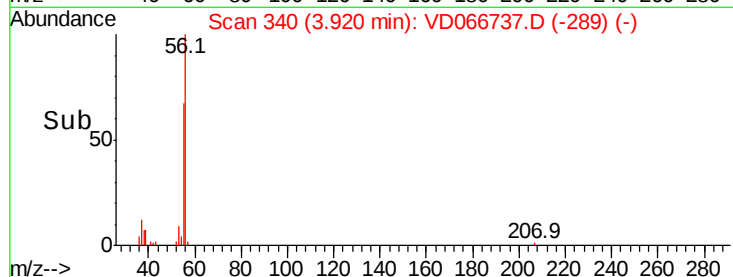
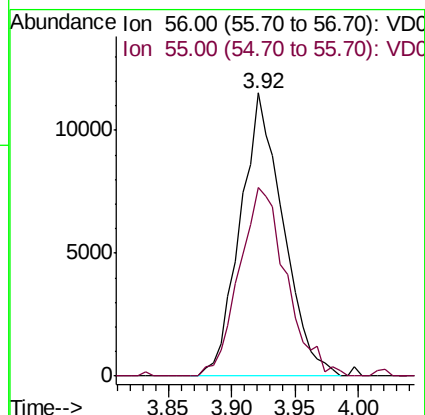
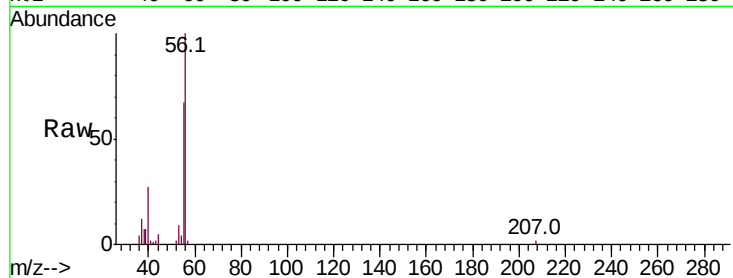
VD0917SBSD01

Tot Ion: 56 Resp: 27085

Ion Ratio Lower Upper

56 100

55 73.1 54.7 82.1



#14

Allyl chloride

Concen: 19.394 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

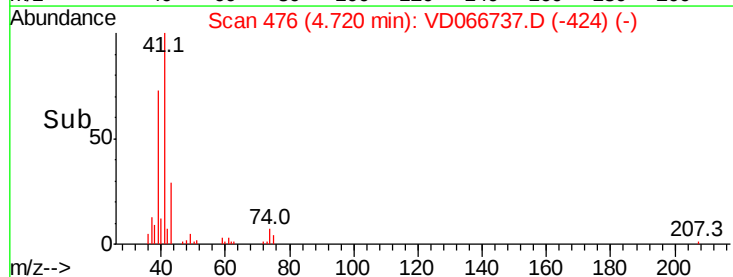
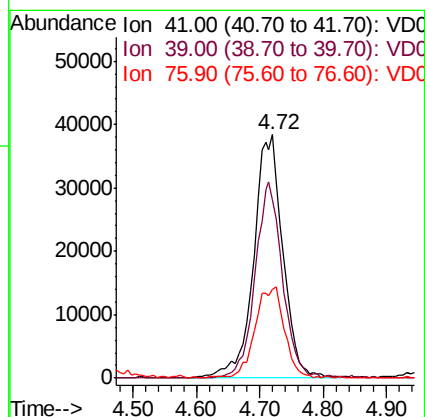
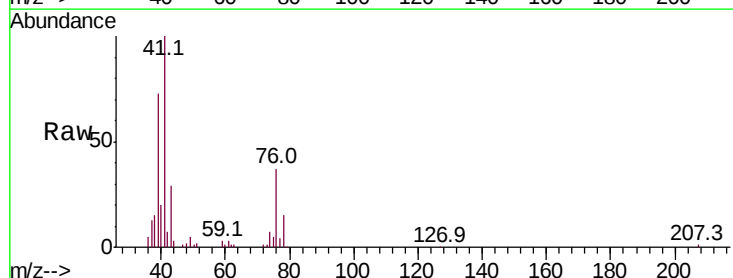
Tgt Ion: 41 Resp: 123747

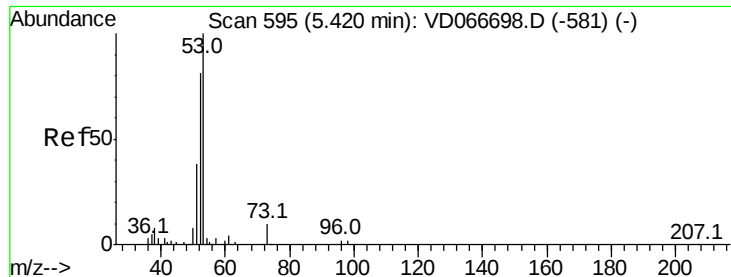
Ion Ratio Lower Upper

41 100

39 75.1 60.6 90.8

76 37.2 29.2 43.8





#15

Acrylonitrile

Concen: 102.985 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBSD01

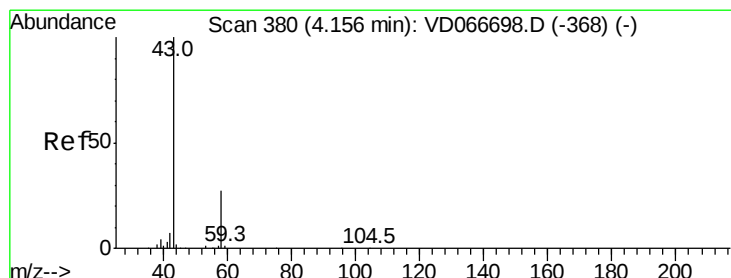
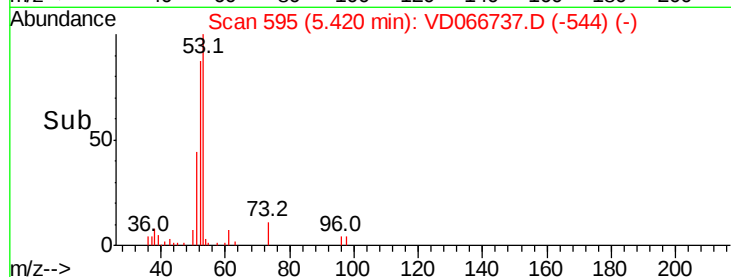
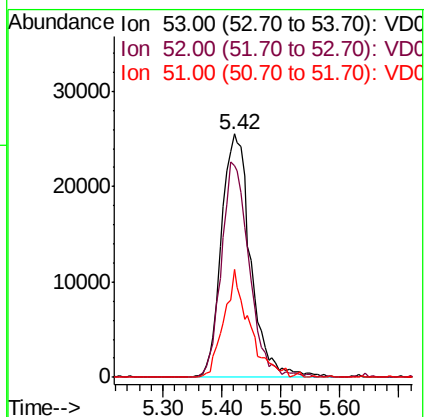
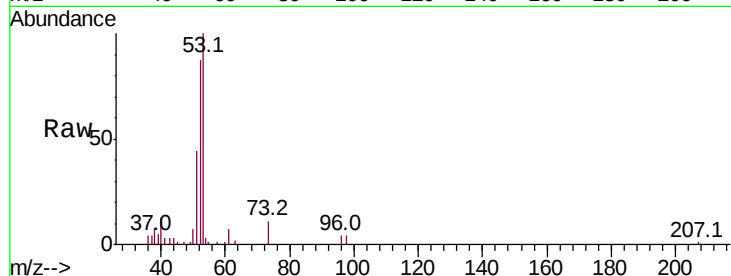
Tot Ion: 53 Resp: 88241

Ion Ratio Lower Upper

53 100

52 83.8 66.6 99.8

51 38.7 31.0 46.6



#16

Acetone

Concen: 95.653 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066737.D

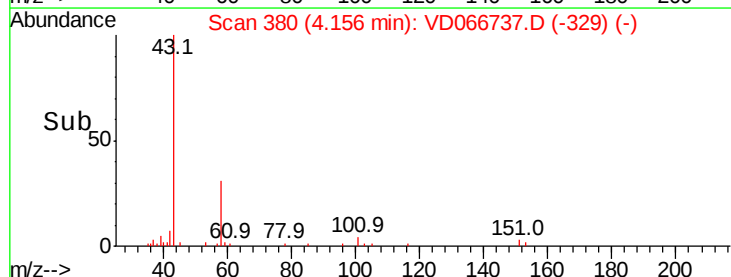
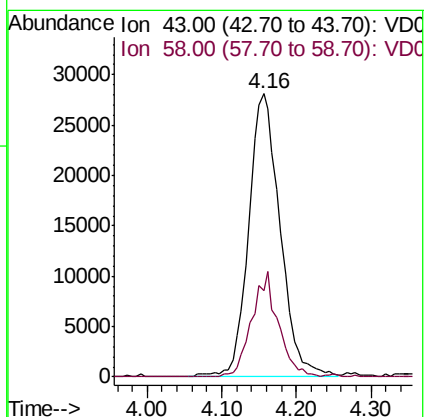
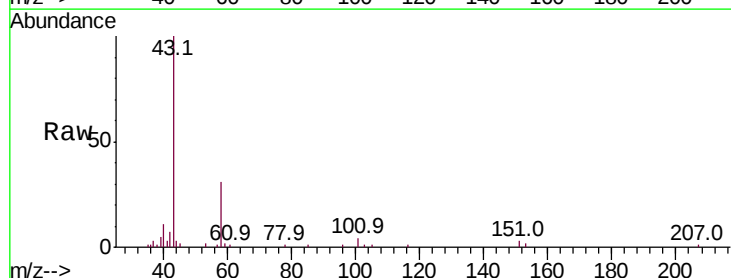
Acq: 17 Sep 2020 11:52

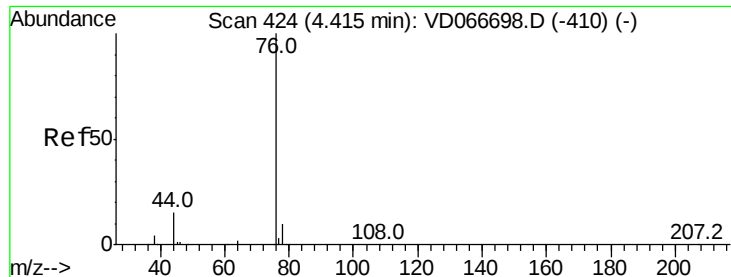
Tgt Ion: 43 Resp: 82523

Ion Ratio Lower Upper

43 100

58 30.6 21.9 32.9

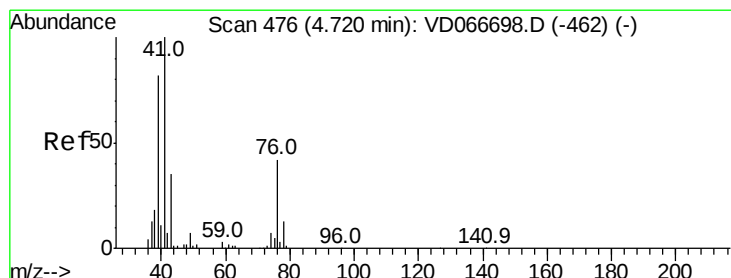
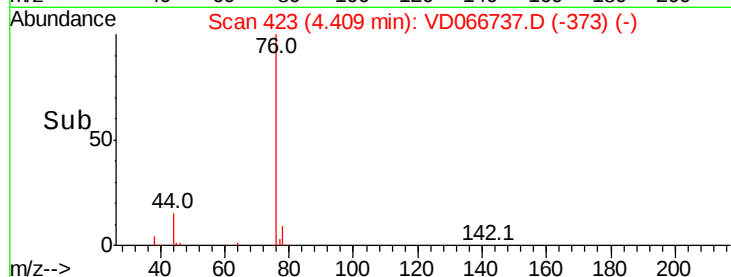
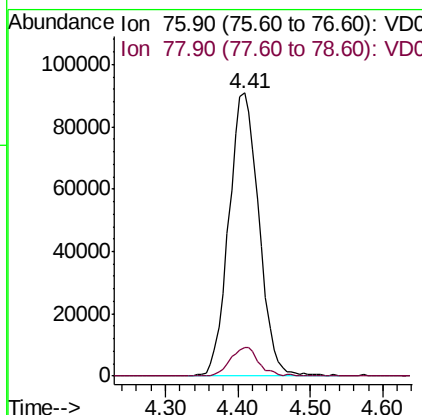
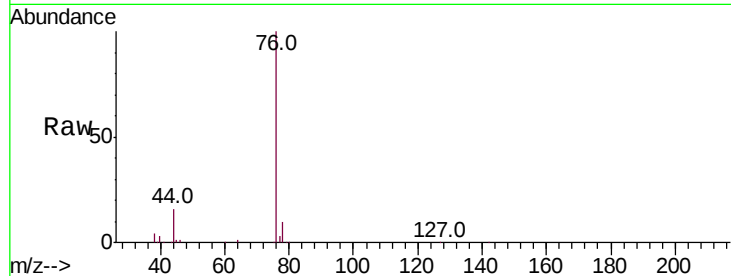




#17
Carbon Disulfide
Concen: 20.950 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

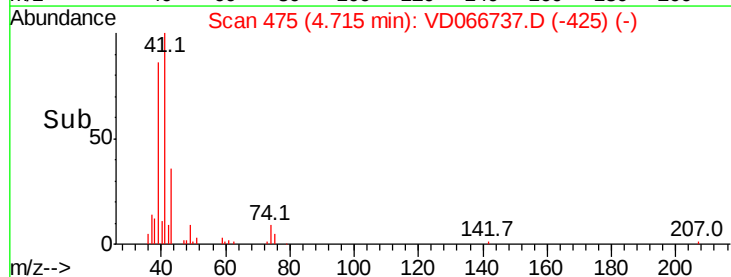
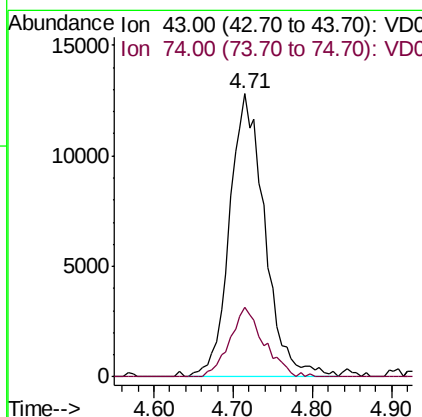
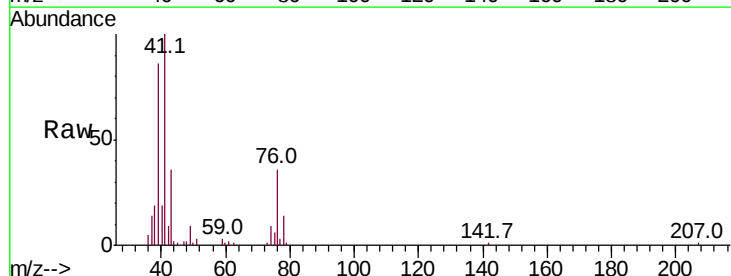
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBSD01

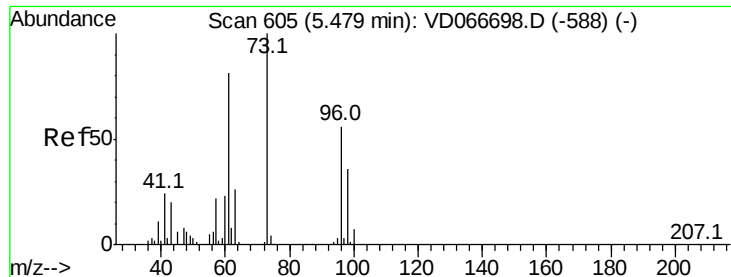
Tot Ion: 76 Resp: 261565
Ion Ratio Lower Upper
76 100
78 10.0 8.0 12.0



#18
Methyl Acetate
Concen: 19.210 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 43 Resp: 39462
Ion Ratio Lower Upper
43 100
74 23.4 18.6 28.0

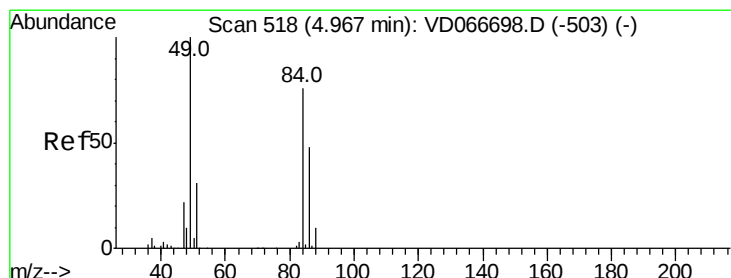
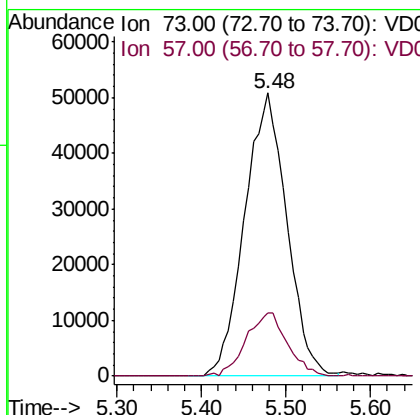
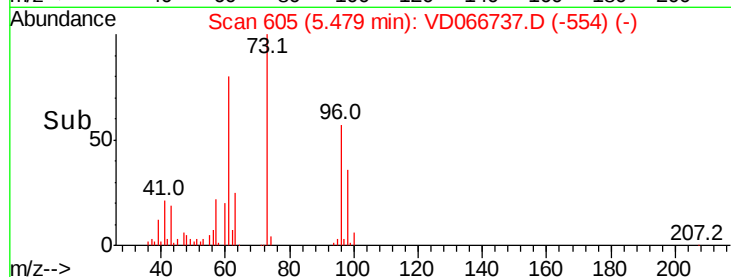
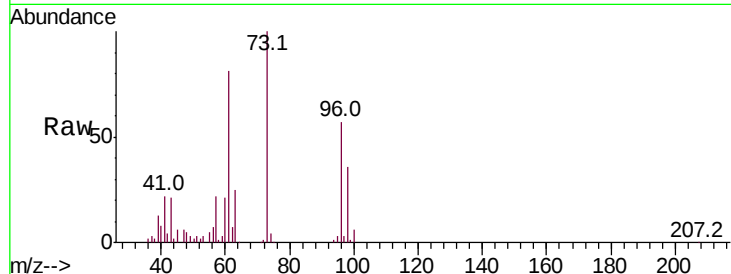




#19
Methvl tert-butvl Ether
Concen: 19.894 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

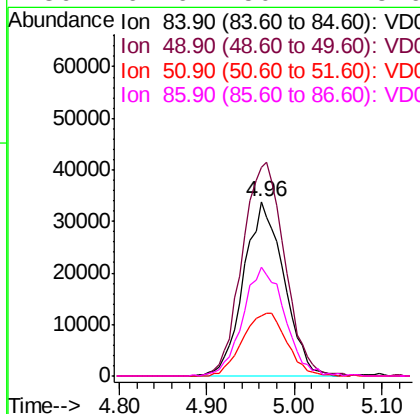
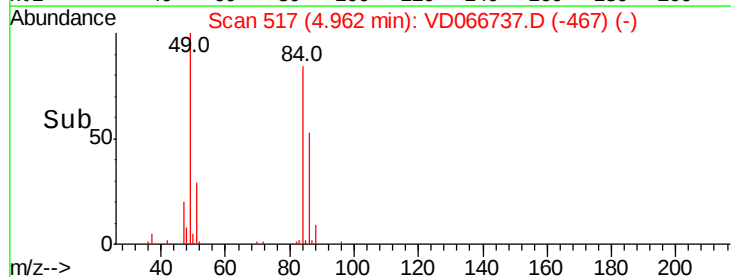
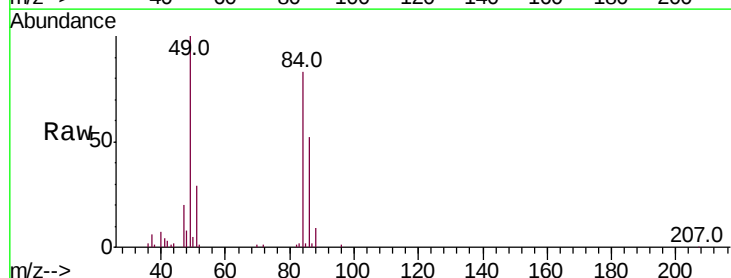
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

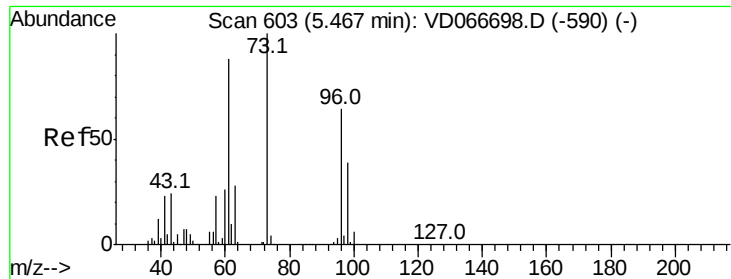
Tot Ion: 73 Resp: 176062
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.6



#20
Methylene Chloride
Concen: 18.220 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 84 Resp: 106199
Ion Ratio Lower Upper
84 100
49 119.8 105.0 157.6
51 34.9 32.2 48.4
86 62.6 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 20.153 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

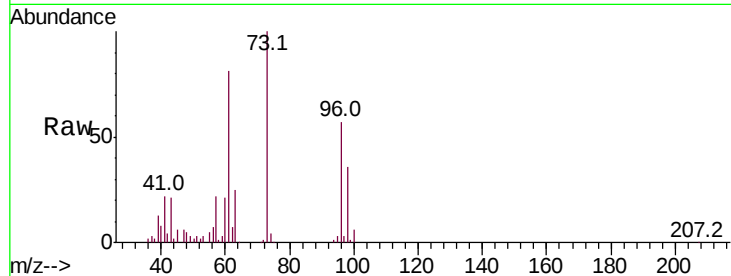
Tot Ion: 96 Resp: 93290

Ion Ratio Lower Upper

96 100

61 141.5 110.6 166.0

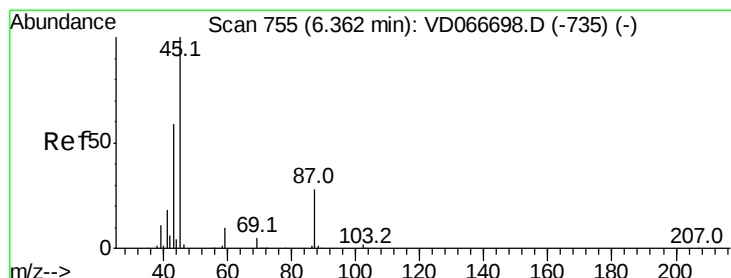
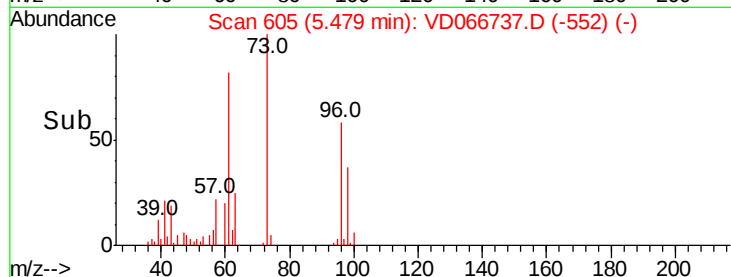
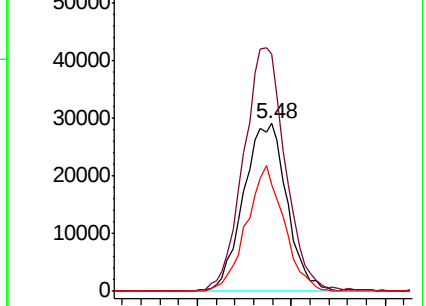
98 63.3 49.2 73.8



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: 20.593 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Tgt Ion: 45 Resp: 266998

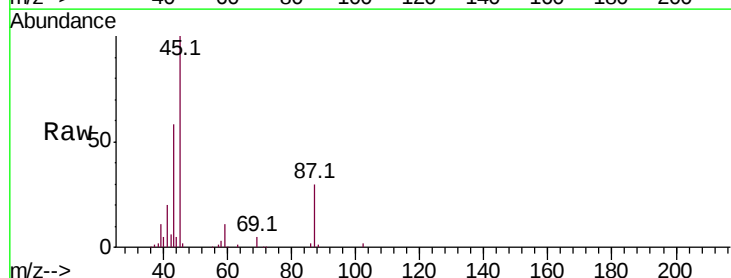
Ion Ratio Lower Upper

45 100

43 56.8 46.9 70.3

87 30.2 22.4 33.6

59 10.8 8.5 12.7

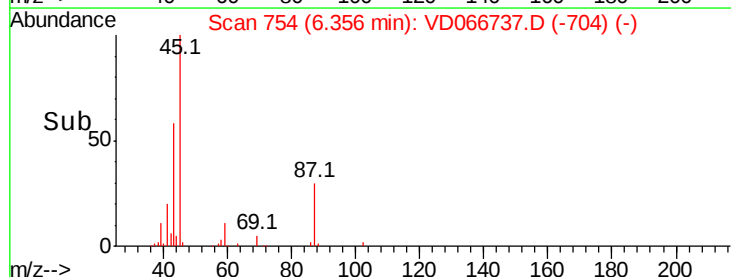
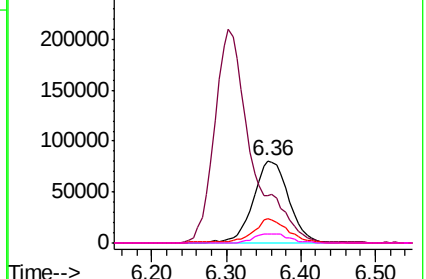


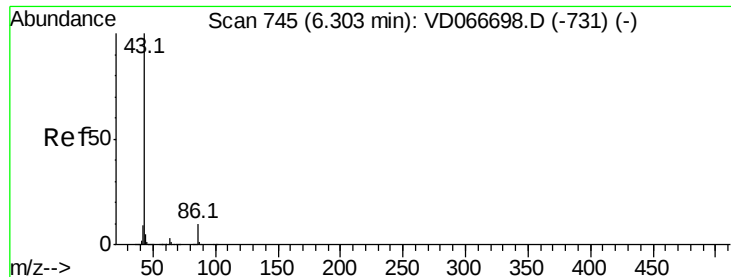
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 100.436 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

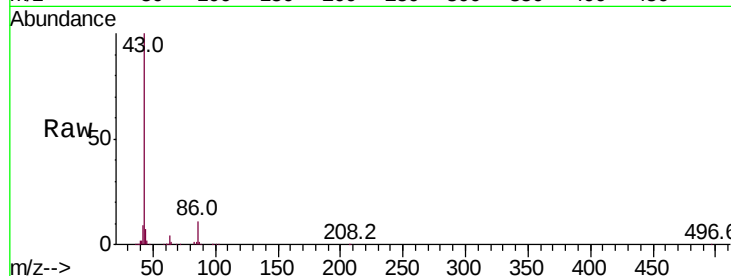
VD0917SBSD01

Tot Ion: 43 Resp: 724331

Ion Ratio Lower Upper

43 100

86 10.7 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

250000

200000

150000

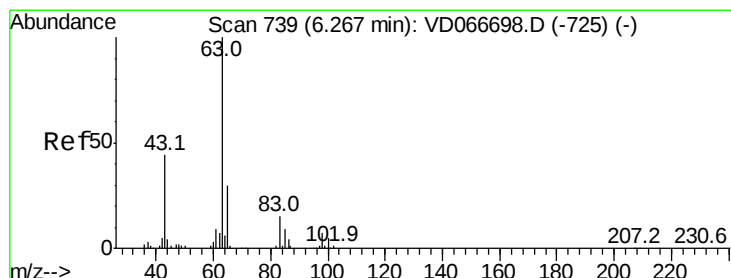
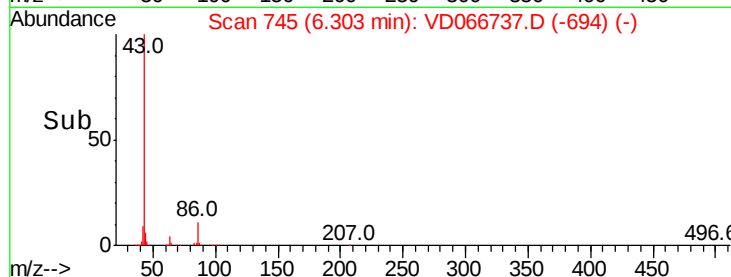
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 19.405 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

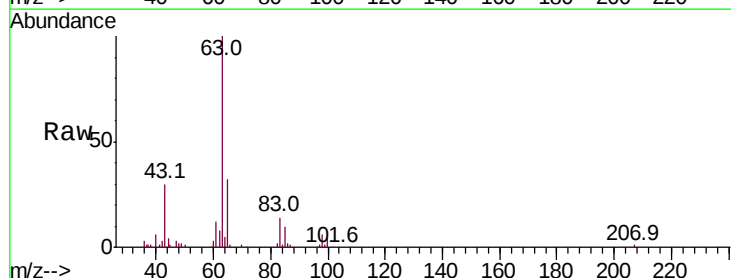
Tgt Ion: 63 Resp: 159651

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 3.7 2.6 8.0



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

60000

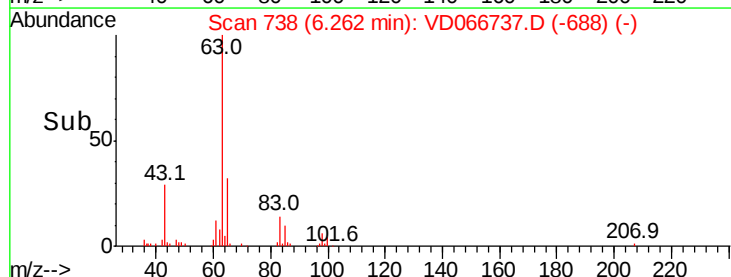
40000

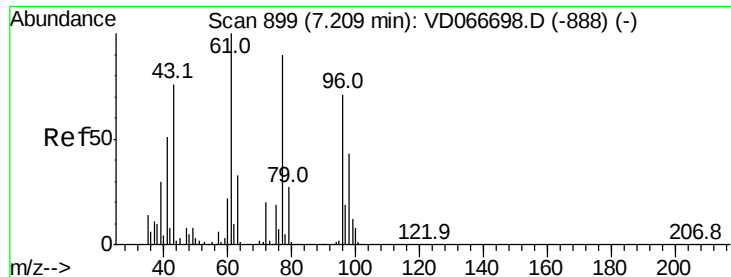
20000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 99.548 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

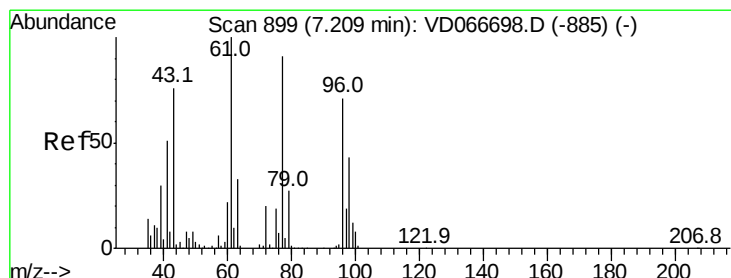
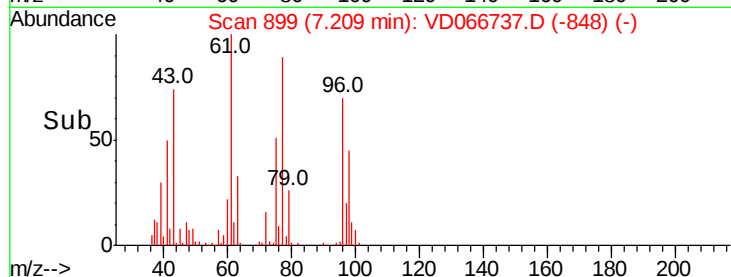
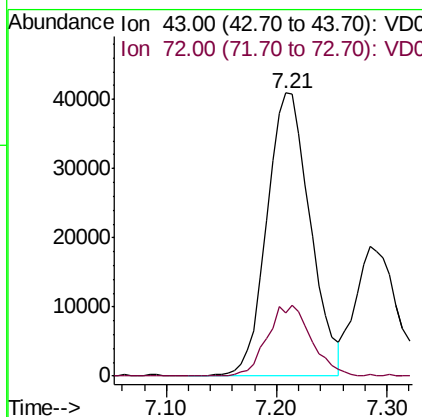
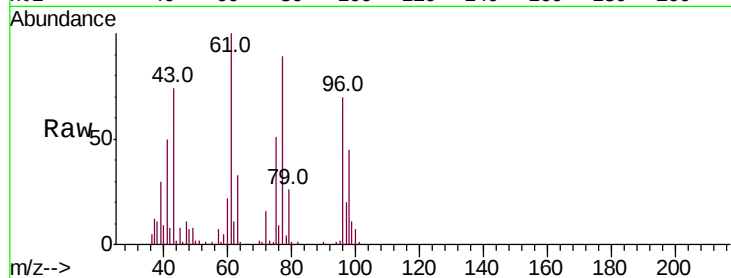
VD0917SBSD01

Tot Ion: 43 Resp: 111832

Ion Ratio Lower Upper

43 100

72 22.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.318 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066737.D

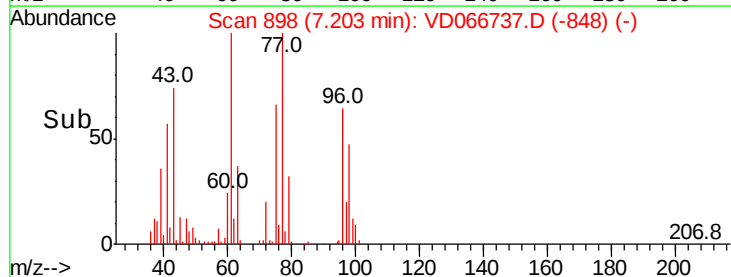
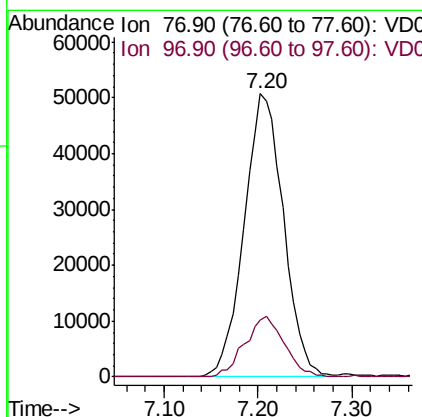
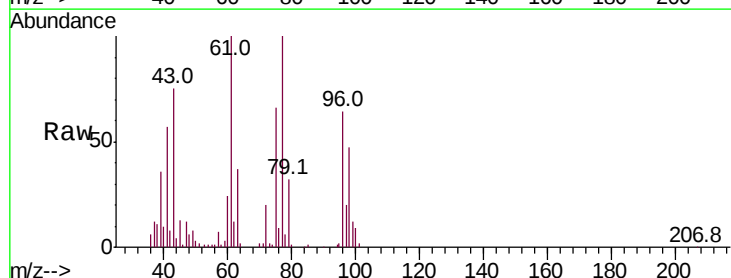
Acq: 17 Sep 2020 11:52

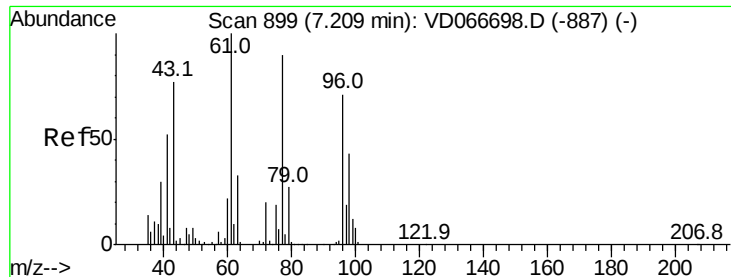
Tgt Ion: 77 Resp: 146971

Ion Ratio Lower Upper

77 100

97 21.4 10.6 31.8



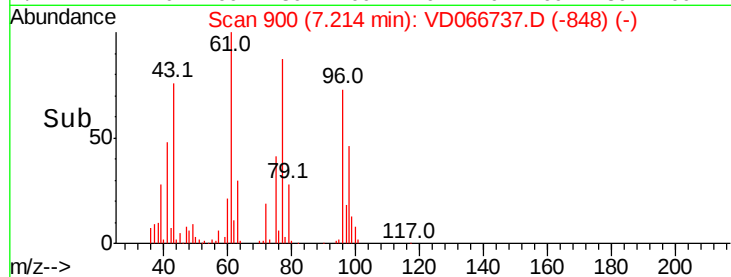
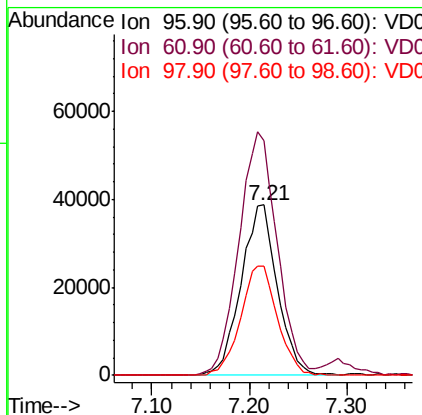
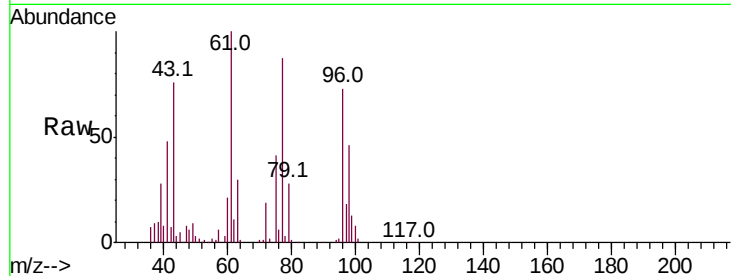


#27

cis-1,2-Dichloroethene
 Concen: 19.958 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBSD01

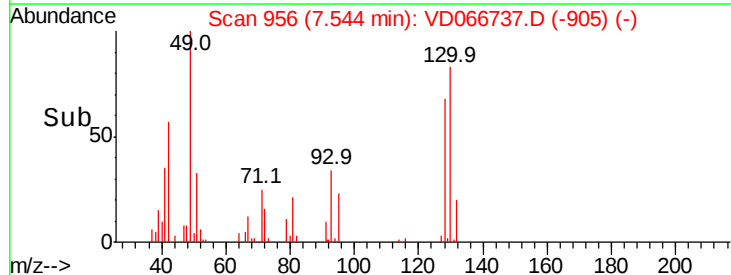
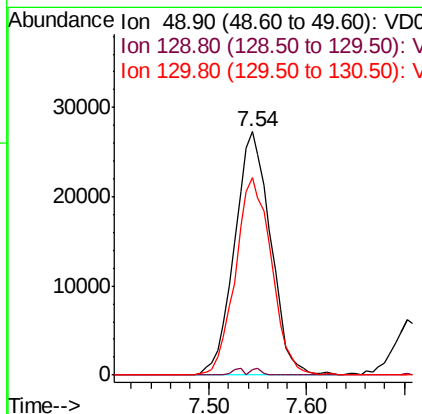
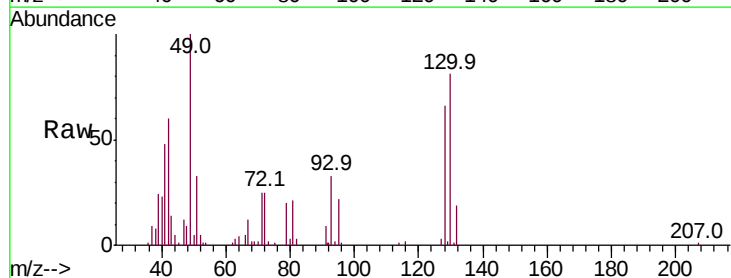
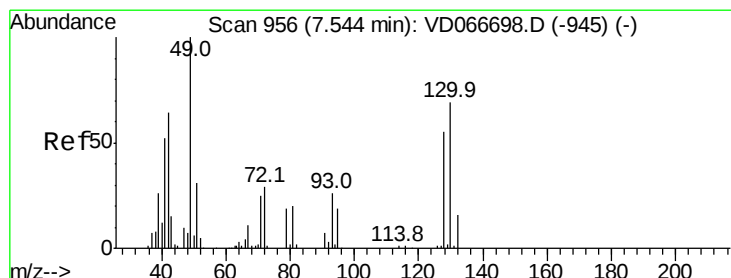
Tot Ion: 96 Resp: 101072
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 292.4
 98 65.1 0.0 127.0

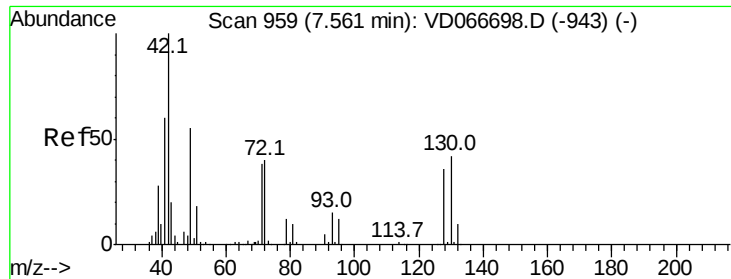


#28

Bromochloromethane
 Concen: 22.799 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

Tgt Ion: 49 Resp: 70063
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.8
 130 80.8 58.6 88.0

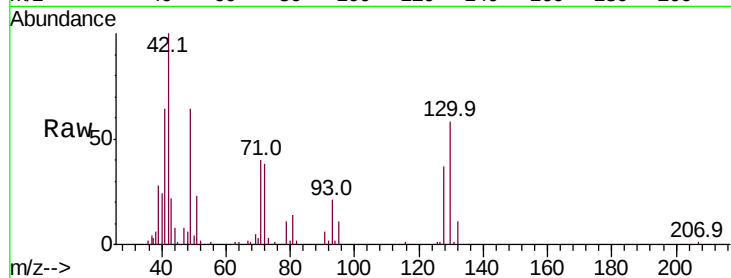




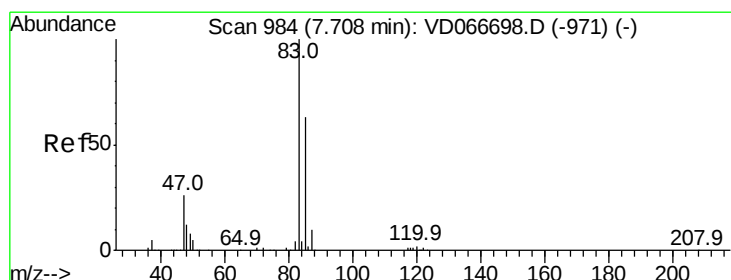
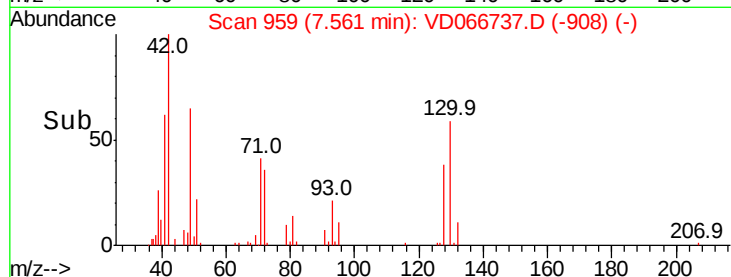
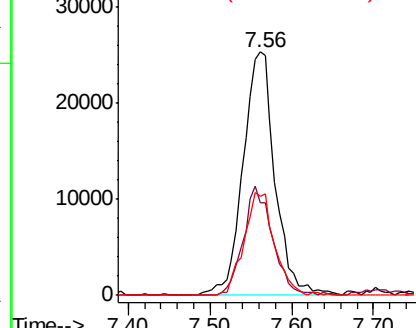
#29
Tetrahydrofuran
Concen: 100.196 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBSD01

Tot Ion: 42 Resp: 68868
Ion Ratio Lower Upper
42 100
72 40.8 32.6 48.8
71 39.9 30.6 45.8

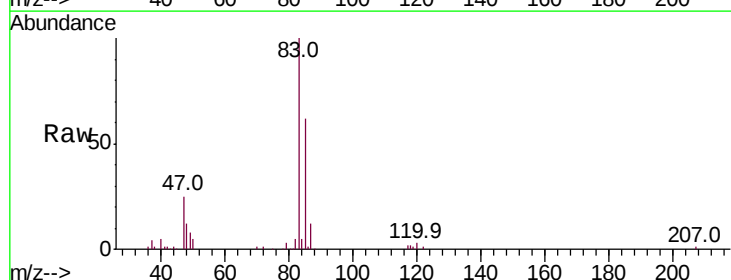


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

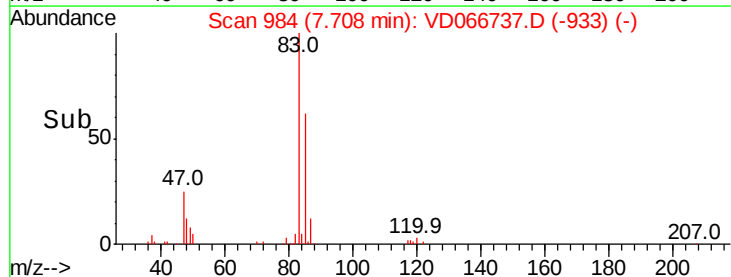
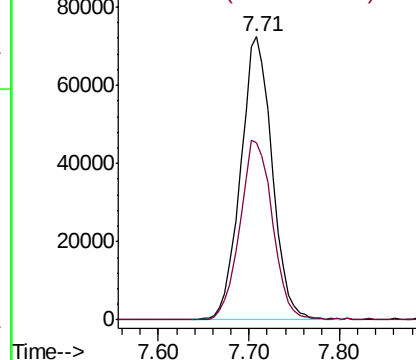


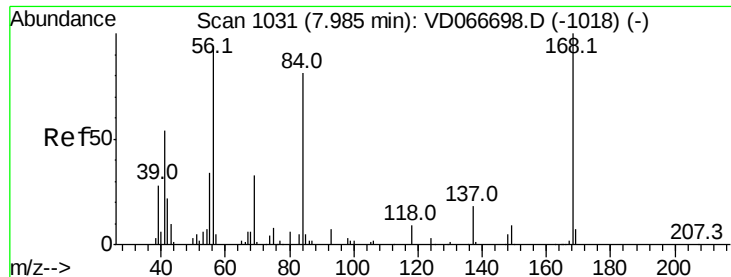
#30
Chloroform
Concen: 19.930 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 83 Resp: 174509
Ion Ratio Lower Upper
83 100
85 62.5 50.6 76.0



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





#31

Cyclohexane

Concen: 19.189 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBSD01

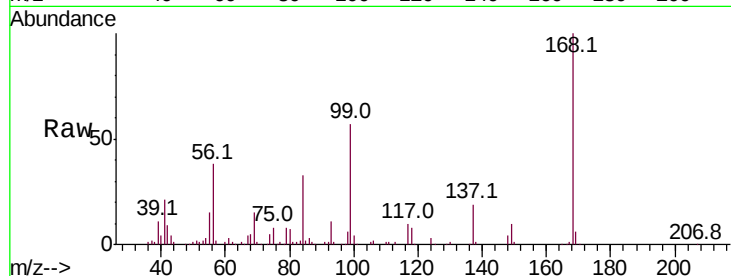
Tot Ion: 56 Resp: 143601

Ion Ratio Lower Upper

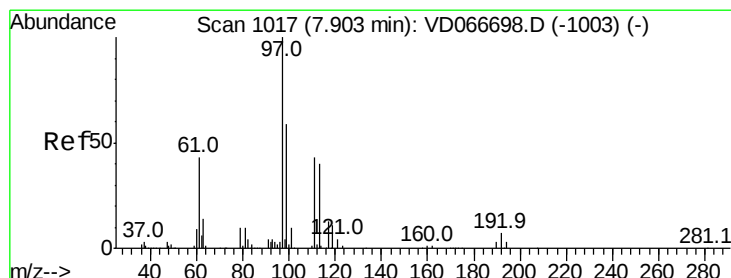
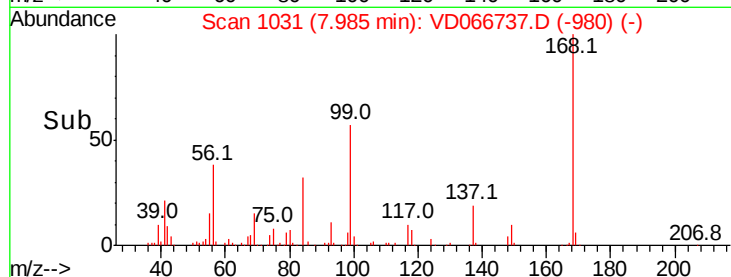
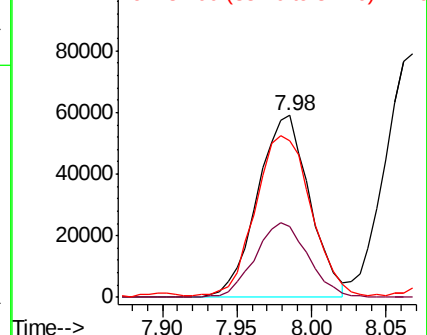
56 100

69 38.7 27.7 41.5

84 85.1 68.5 102.7



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



#32

1,1,1-Trichloroethane

Concen: 19.946 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

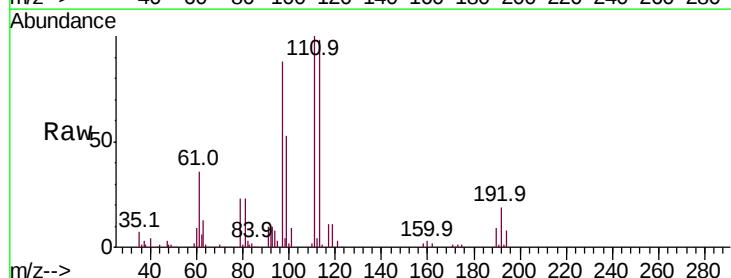
Tgt Ion: 97 Resp: 159821

Ion Ratio Lower Upper

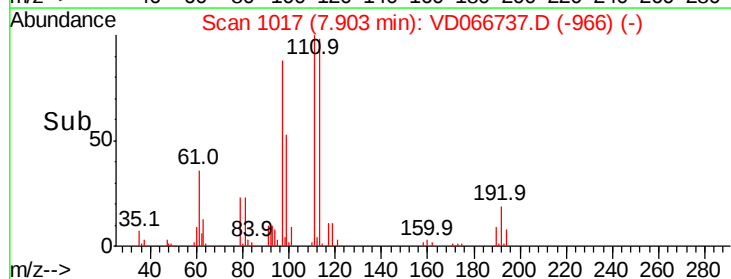
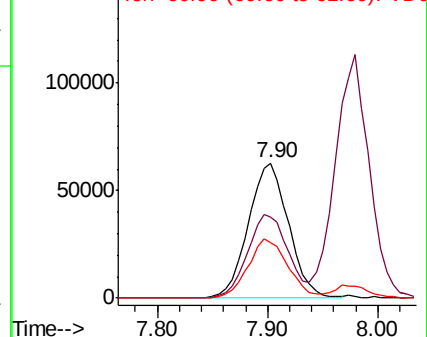
97 100

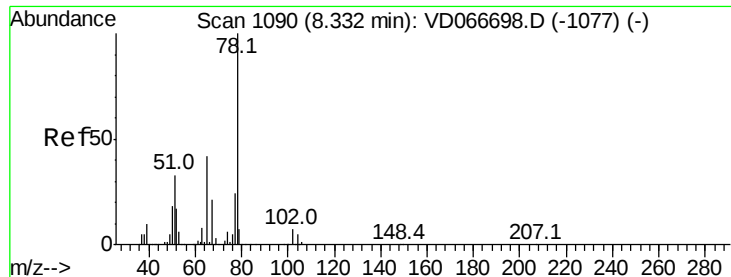
99 63.3 51.0 76.4

61 44.0 35.2 52.8



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





#33

1,2-Dichloroethane-d4

Concen: 50.585 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

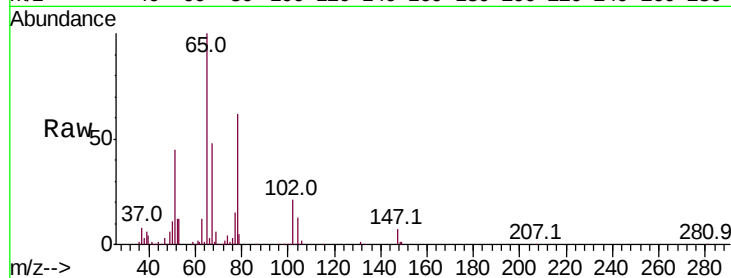
VD0917SBS01

Tot Ion: 65 Resp: 214306

Ion Ratio Lower Upper

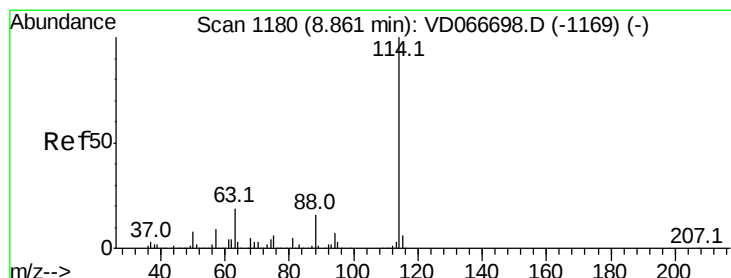
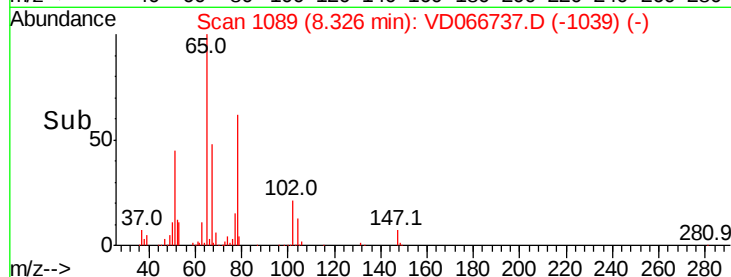
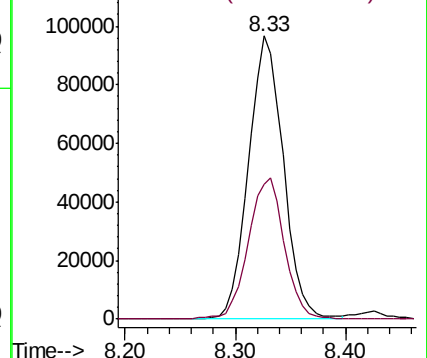
65 100

67 51.7 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

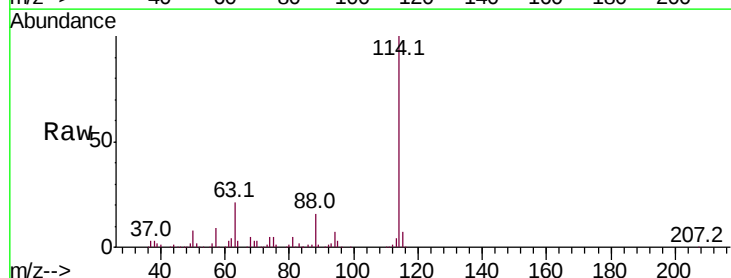
Tgt Ion: 114 Resp: 656308

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.6

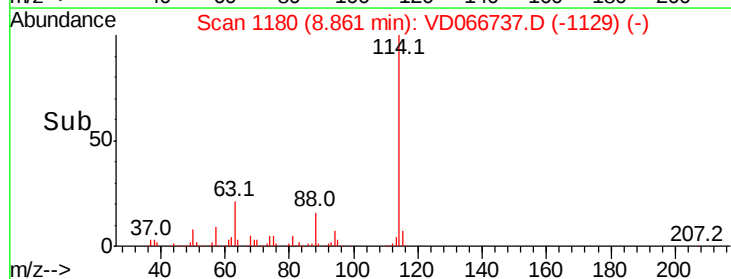
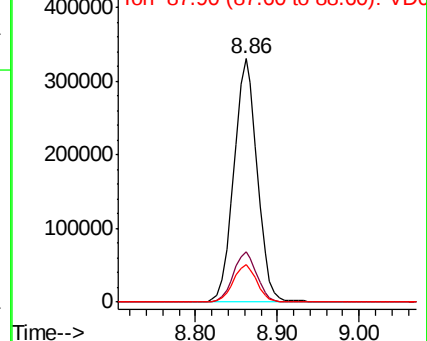
88 15.6 0.0 32.2

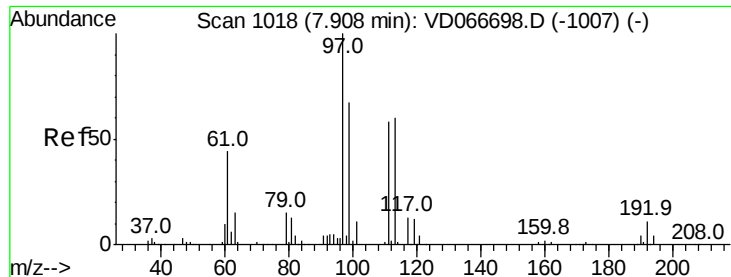


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

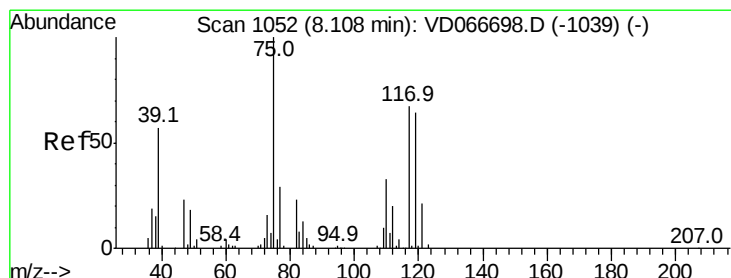
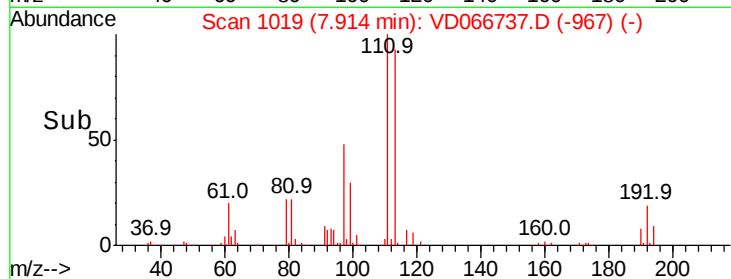
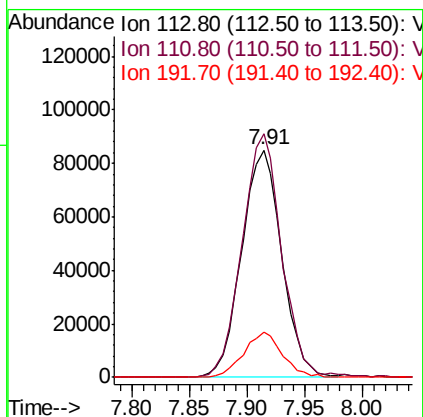
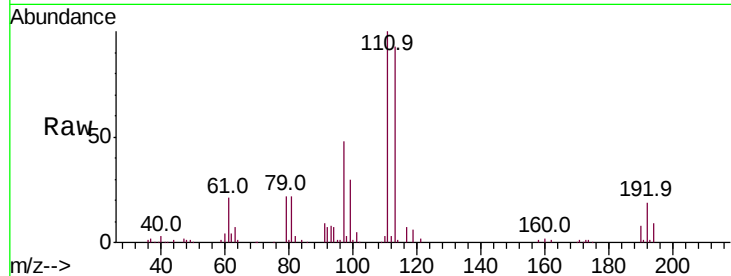




#35
 Dibromofluoromethane
 Concen: 51.141 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

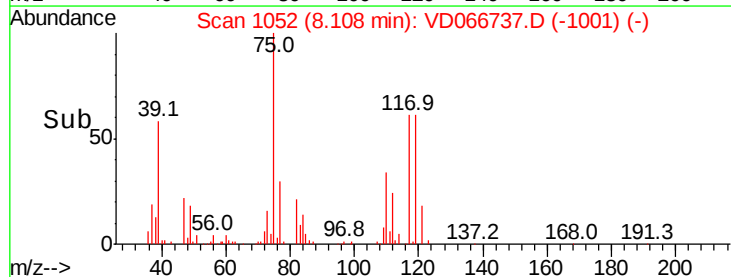
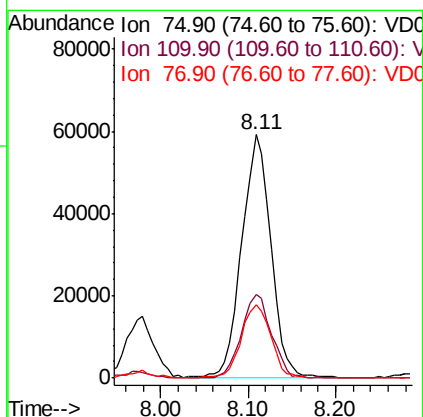
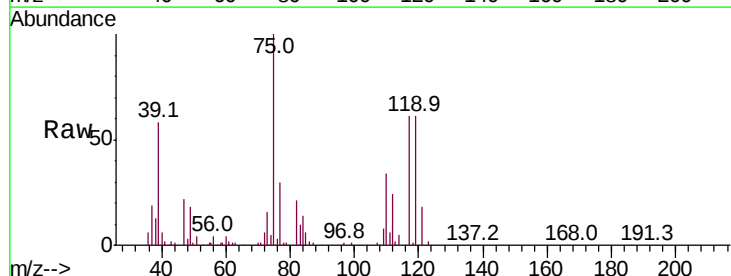
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBSD01

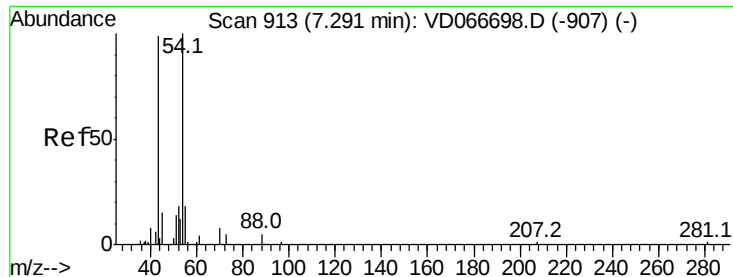
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.6	83.2	124.8
192	19.1	14.8	22.2



#36
 1,1-Dichloropropene
 Concen: 19.804 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.1	51.2
77	30.7	25.0	37.6

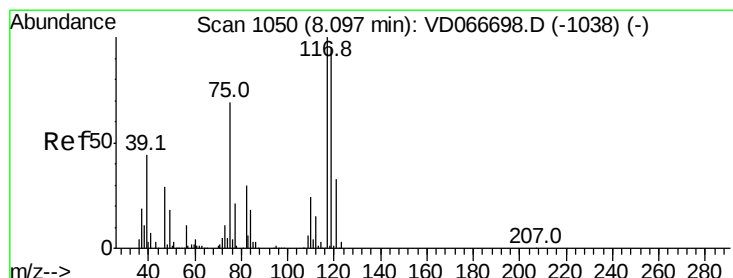
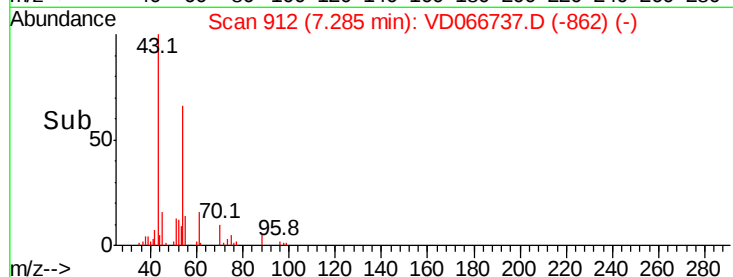
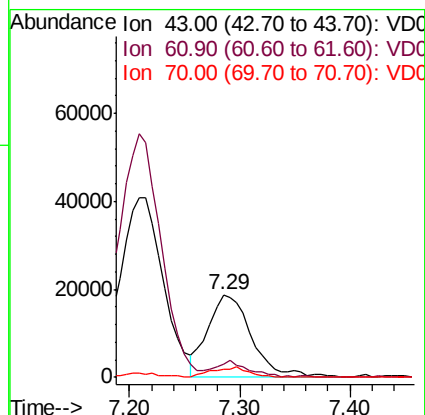
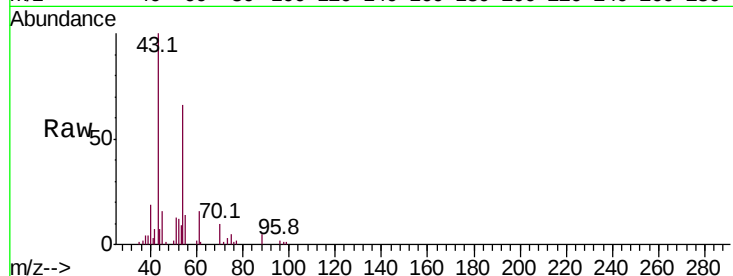




#37
Ethyl Acetate
Concen: 20.239 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

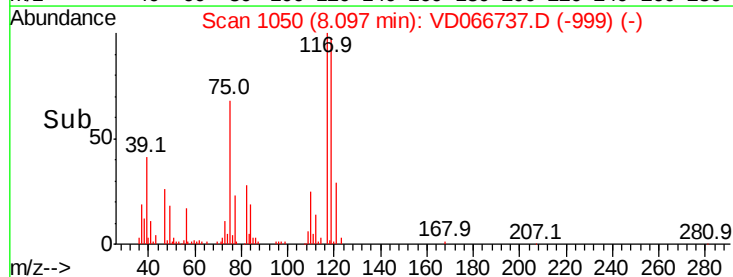
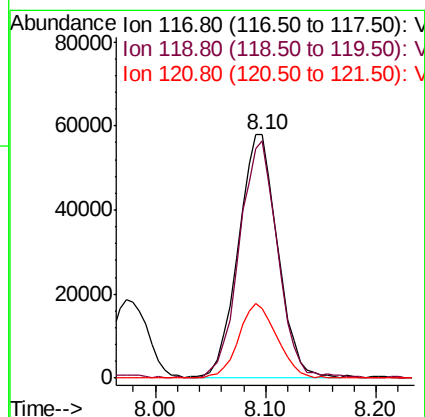
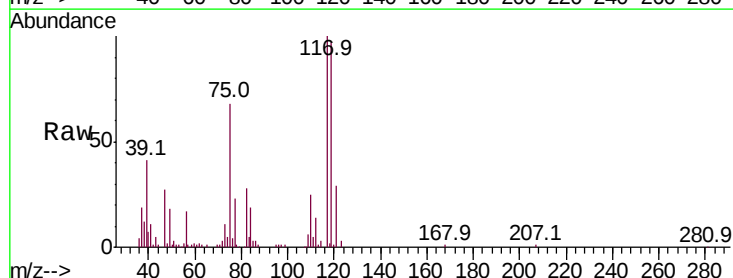
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

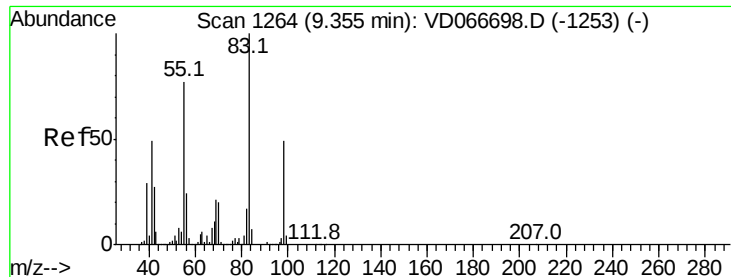
Tot Ion: 43 Resp: 51702
Ion Ratio Lower Upper
43 100
61 15.7 10.4 15.6#
70 10.6 7.5 11.3



#38
Carbon Tetrachloride
Concen: 20.230 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 117 Resp: 144962
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.6
121 28.8 26.2 39.4

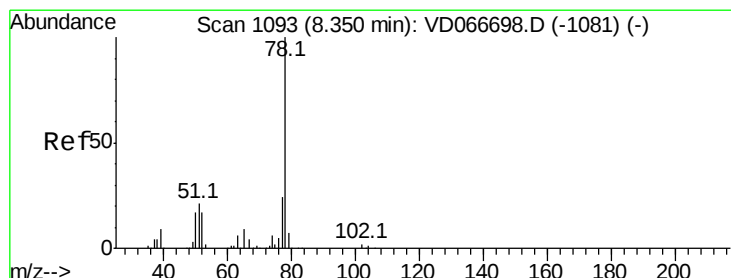
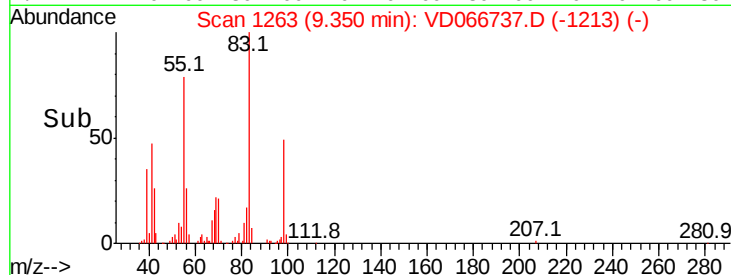
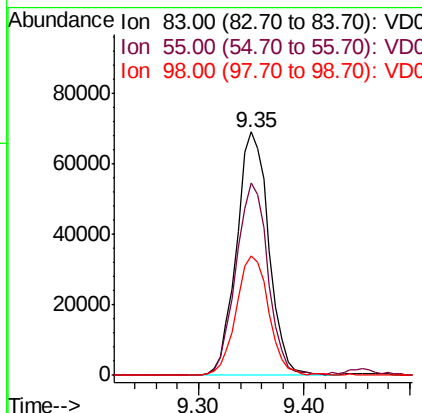
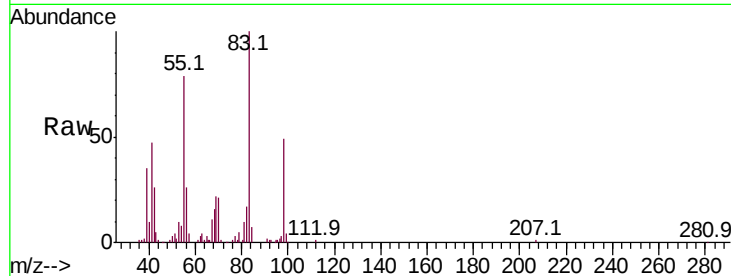




#39
Methvlcvclohexane
Concen: 18.941 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

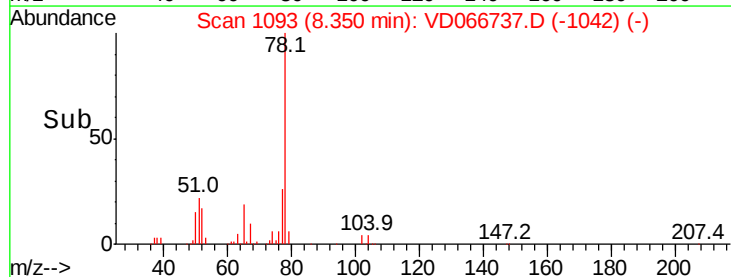
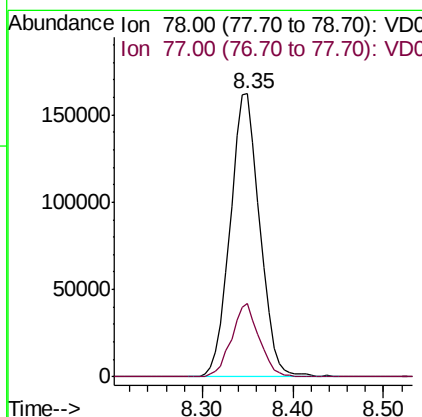
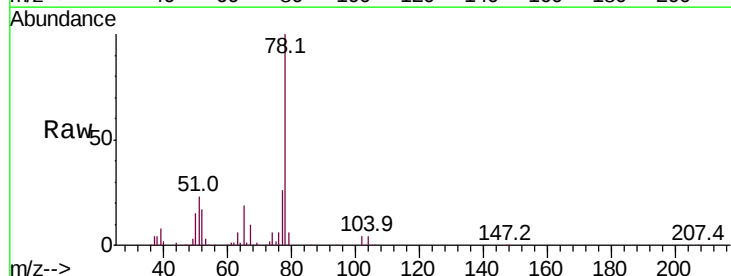
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBSD01

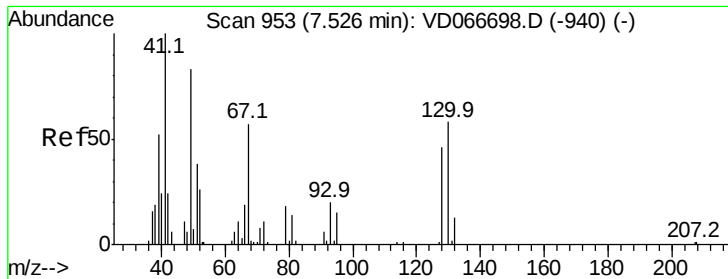
Tot Ion: 83 Resp: 146194
Ion Ratio Lower Upper
83 100
55 78.8 61.5 92.3
98 49.3 39.3 58.9



#40
Benzene
Concen: 20.180 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 78 Resp: 368393
Ion Ratio Lower Upper
78 100
77 25.9 19.3 28.9

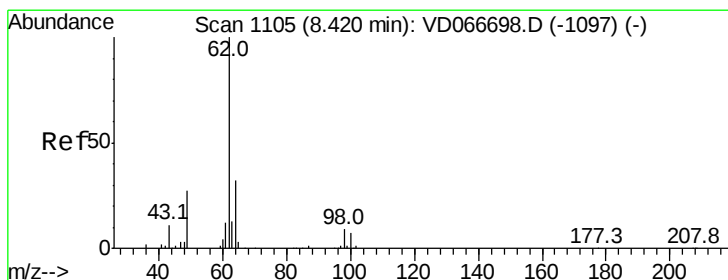
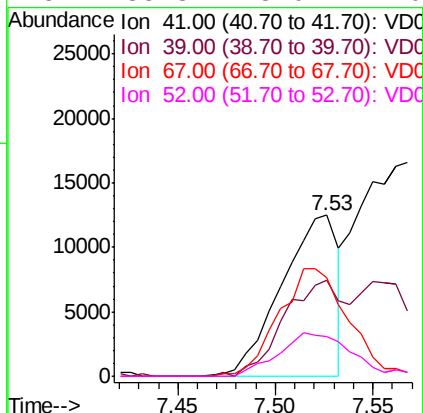
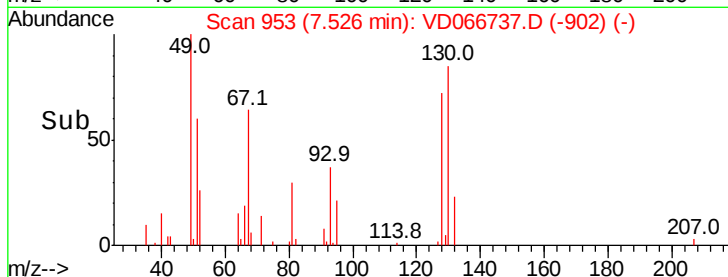
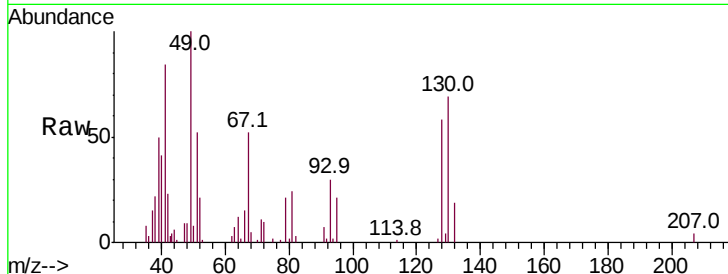




#41
Methacrylonitrile
Concen: 18.668 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

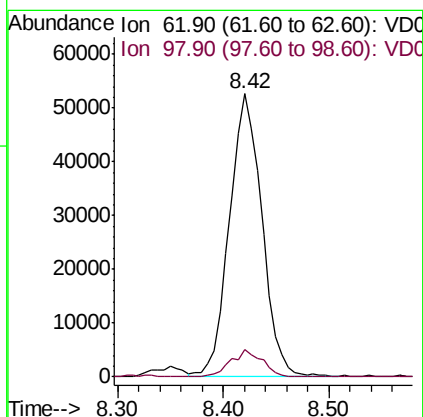
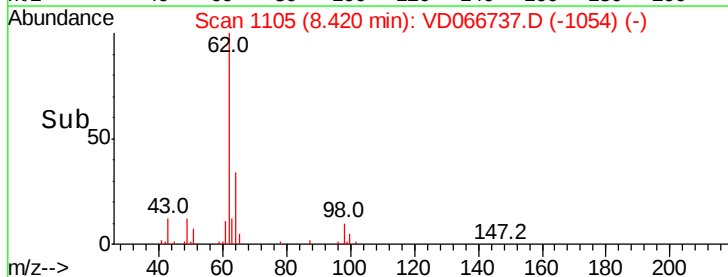
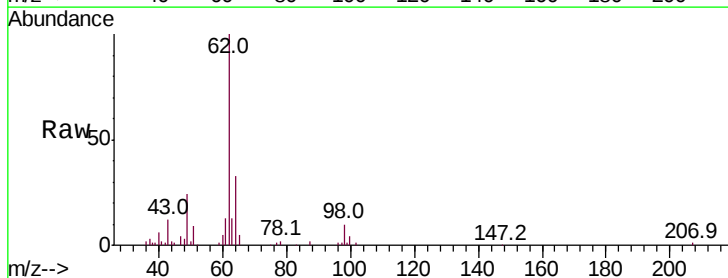
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBSD01

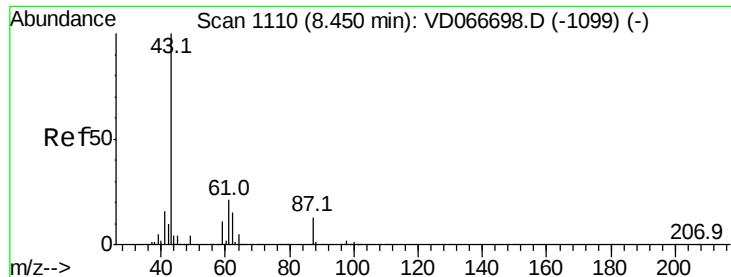
Tot Ion:	41	Resp:	25246
Ion	Ratio	Lower	Upper
41	100		
39	64.6	59.3	88.9
67	81.1	62.3	93.5
52	35.3	28.0	42.0



#42
1,2-Dichloroethane
Concen: 19.851 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Tgt Ion:	62	Resp:	112270
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.6





#43

Isopropyl Acetate

Concen: 19.392 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

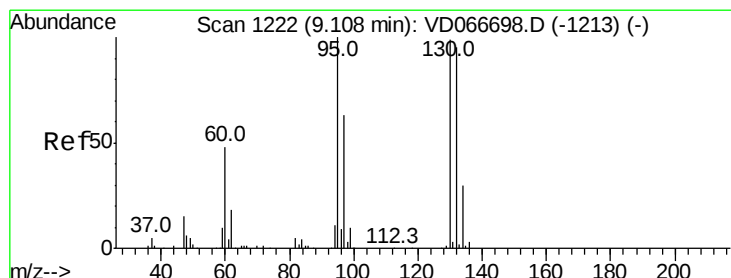
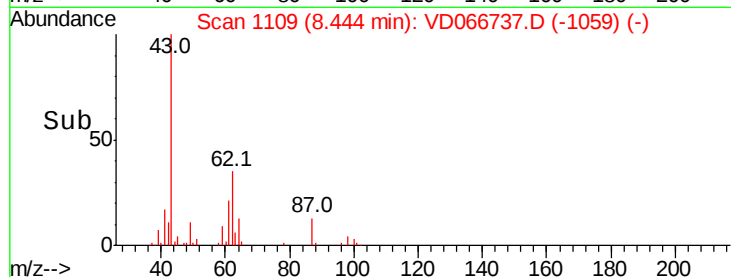
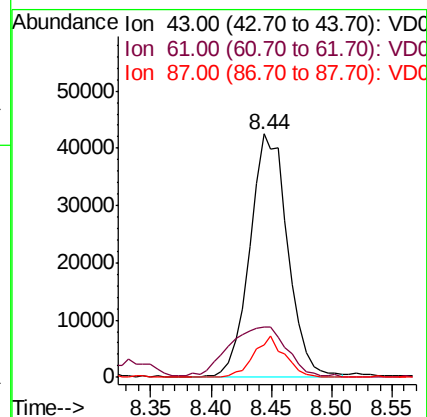
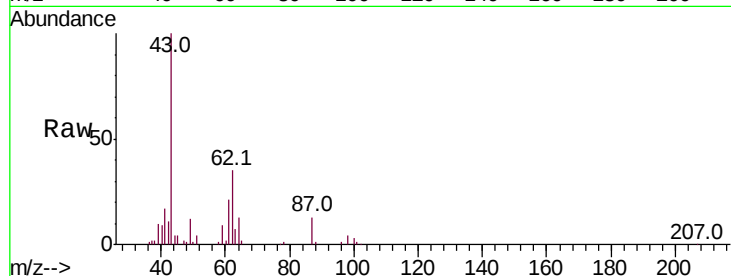
Tot Ion: 43 Resp: 93240

Ion Ratio Lower Upper

43 100

61 30.6 24.8 37.2

87 13.7 10.4 15.6



#44

Trichloroethene

Concen: 20.397 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066737.D

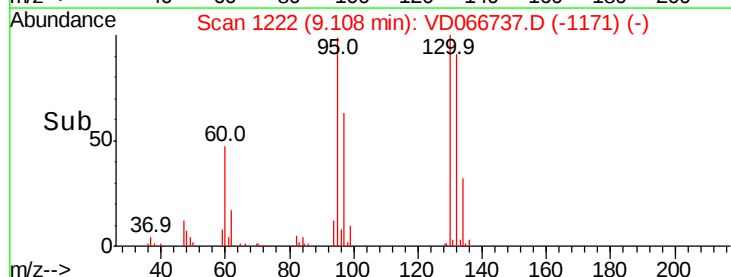
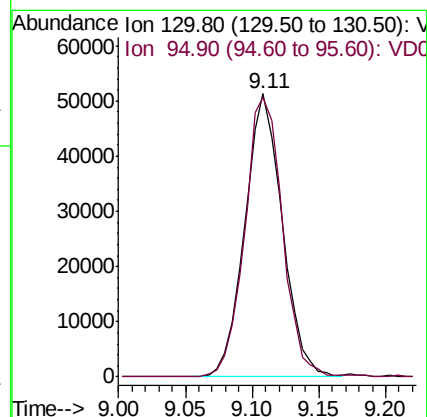
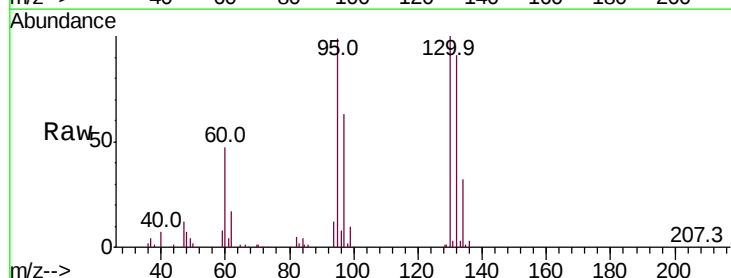
Acq: 17 Sep 2020 11:52

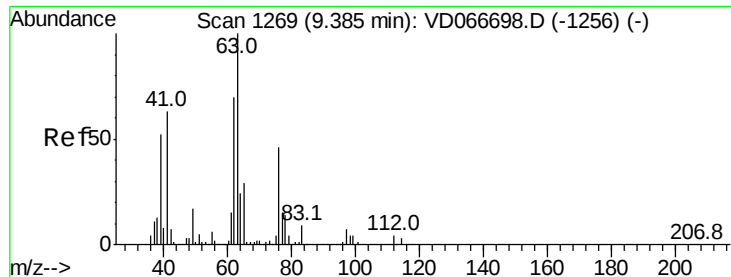
Tgt Ion: 130 Resp: 99556

Ion Ratio Lower Upper

130 100

95 98.5 0.0 201.4





#45

1,2-Dichloropropane

Concen: 20.668 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

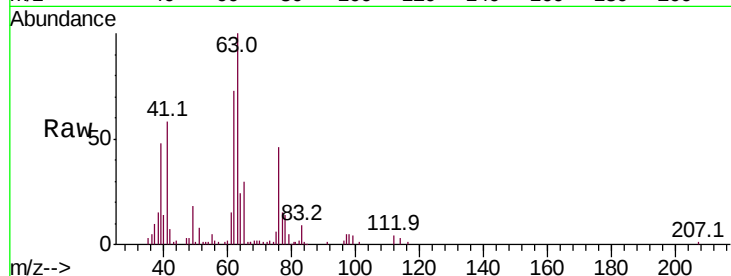
VD0917SBSD01

Tot Ion: 63 Resp: 93275

Ion Ratio Lower Upper

63 100

65 30.3 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

50000

40000

30000

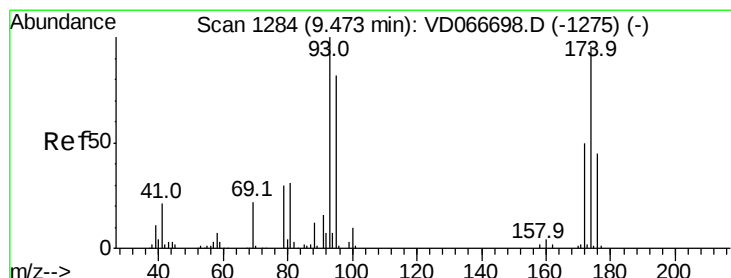
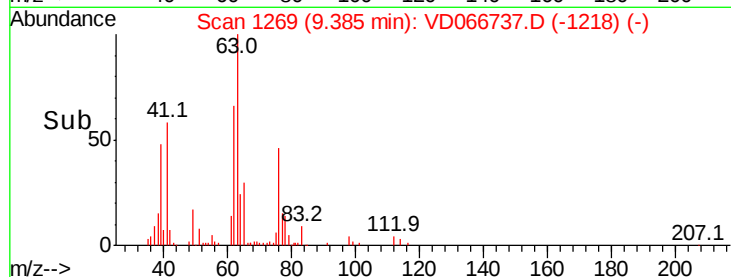
20000

10000

0

Time-->

9.30 9.40 9.50



#46

Dibromomethane

Concen: 20.367 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

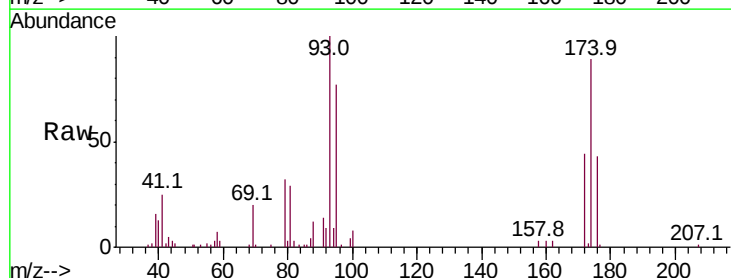
Tgt Ion: 93 Resp: 50509

Ion Ratio Lower Upper

93 100

95 82.3 66.0 99.0

174 90.6 72.3 108.5



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

9.47

30000

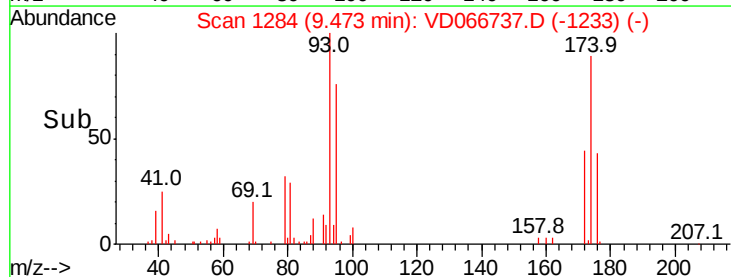
20000

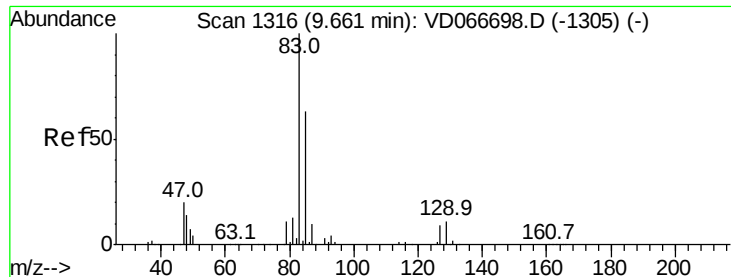
10000

0

Time-->

9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 20.139 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBSD01

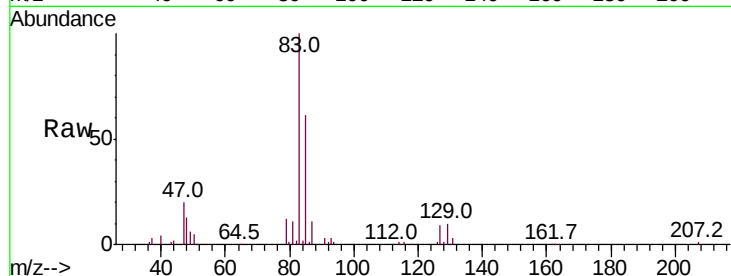
Tot Ion: 83 Resp: 136094

Ion Ratio Lower Upper

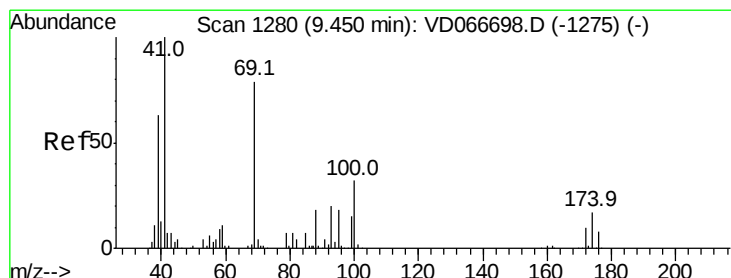
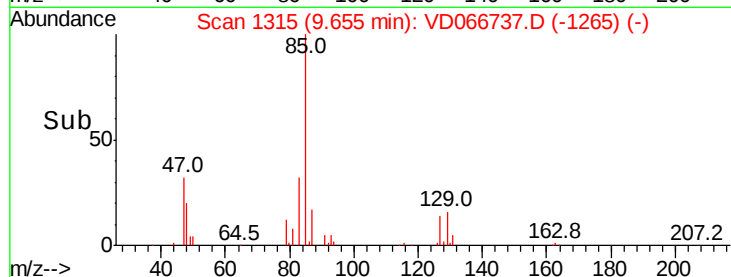
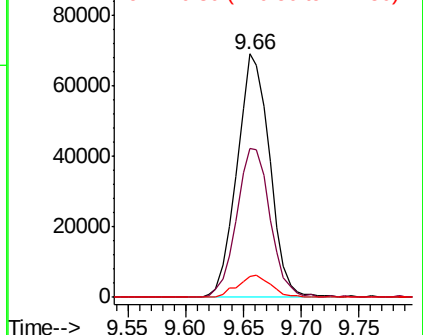
83 100

85 61.2 50.1 75.1

127 8.8 6.9 10.3



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



#48

Methyl methacrylate

Concen: 20.197 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

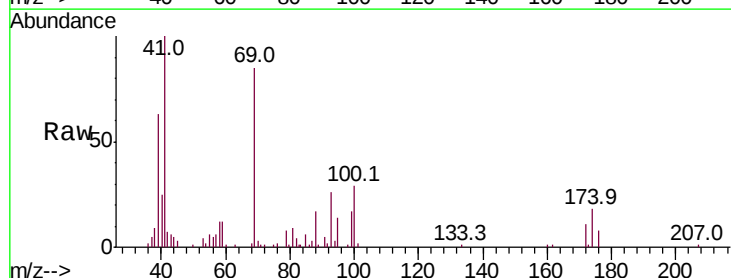
Tgt Ion: 41 Resp: 49395

Ion Ratio Lower Upper

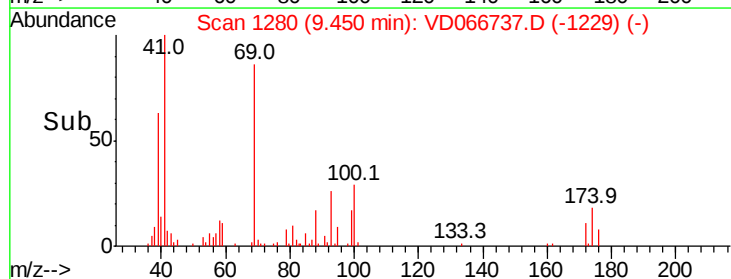
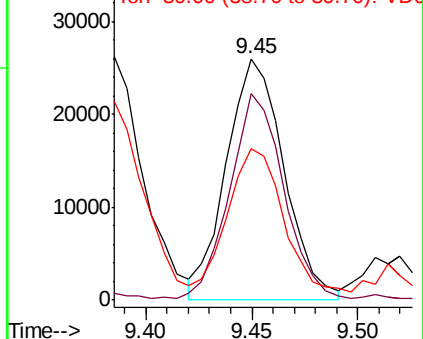
41 100

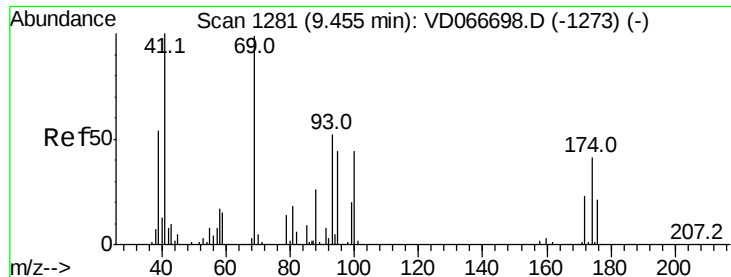
69 79.1 62.4 93.6

39 56.8 44.8 67.2



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

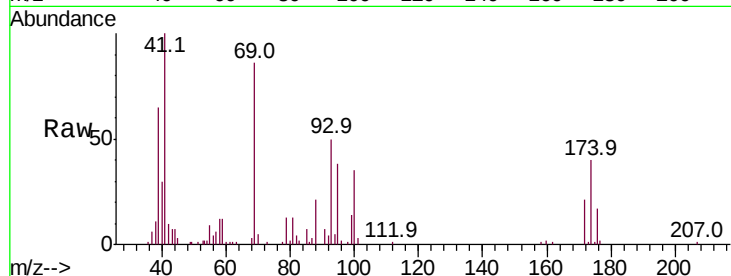




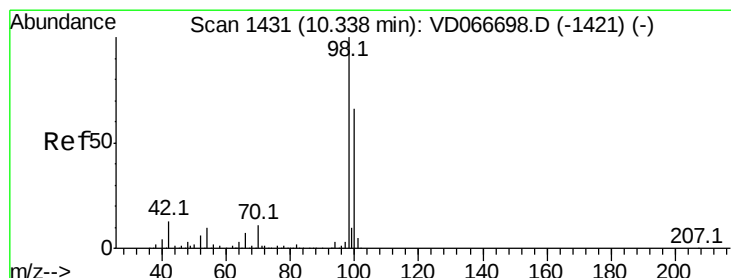
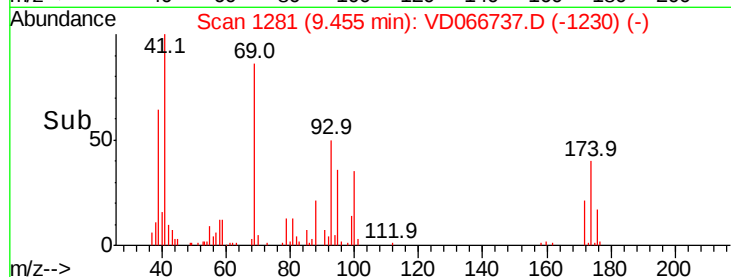
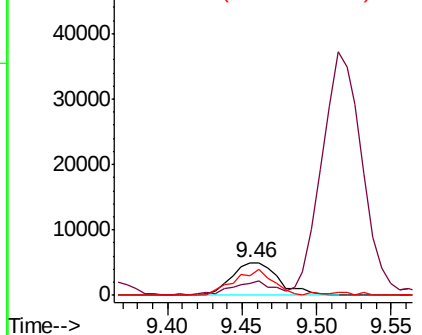
#49
1,4-Dioxane
Concen: 417.953 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBSD01

Tot Ion: 88 Resp: 11103
Ion Ratio Lower Upper
88 100
43 39.0 29.3 43.9
58 63.6 51.4 77.2

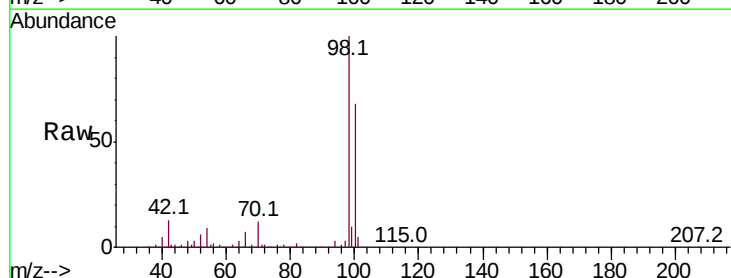


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

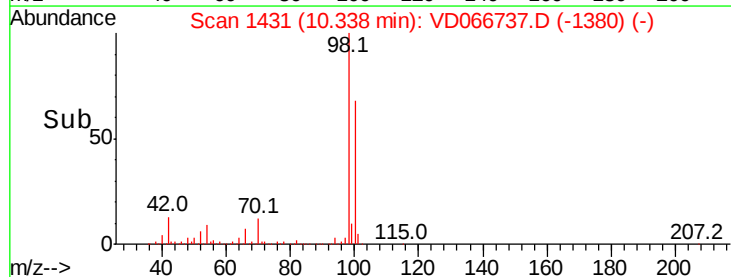
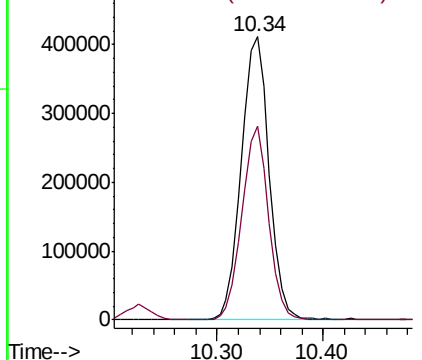


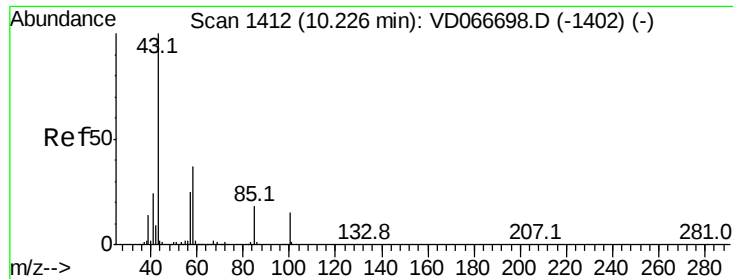
#50
Toluene-d8
Concen: 52.503 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 98 Resp: 752677
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



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: 99.052 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

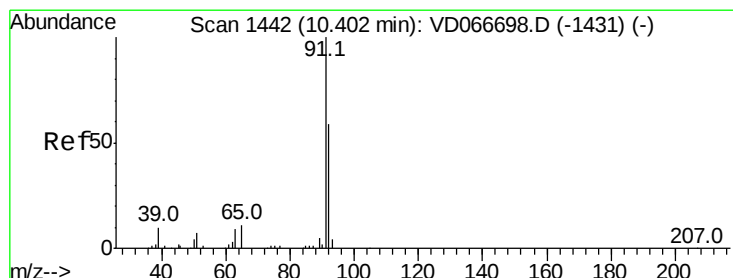
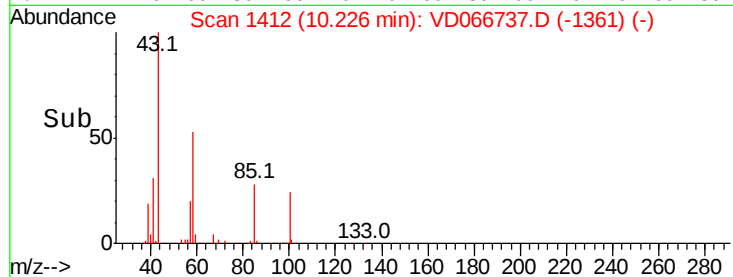
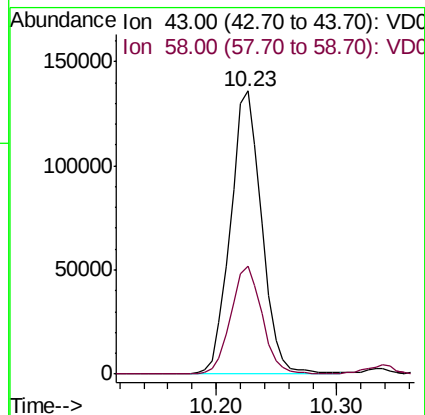
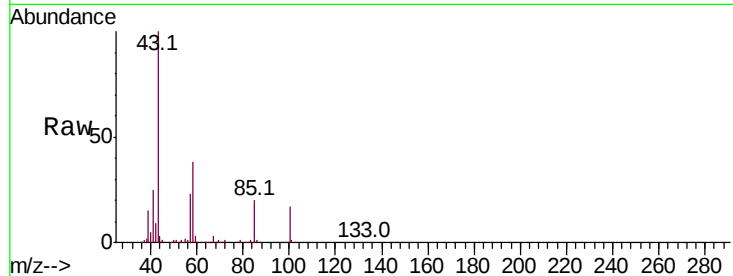
VD0917SBS01

Tot Ion: 43 Resp: 245195

Ion Ratio Lower Upper

43 100

58 38.1 30.4 45.6



#52

Toluene

Concen: 20.508 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066737.D

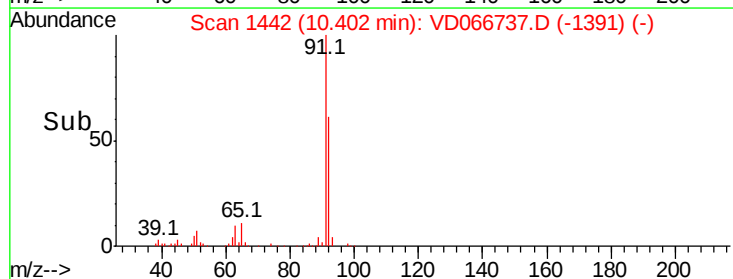
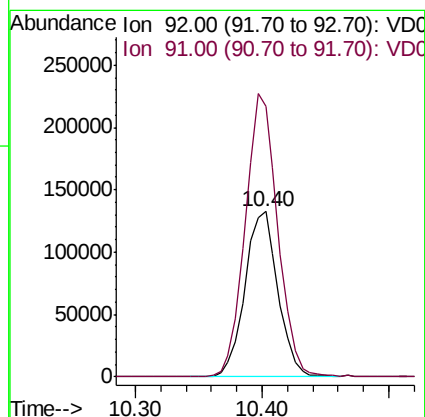
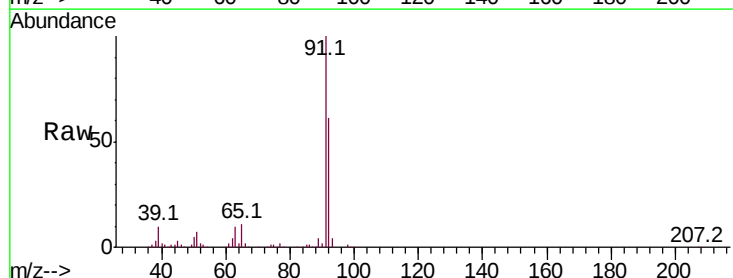
Acq: 17 Sep 2020 11:52

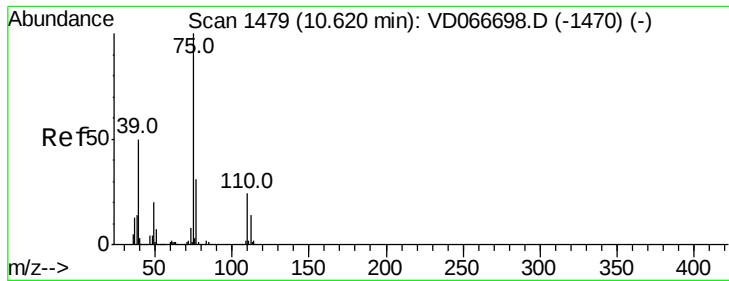
Tgt Ion: 92 Resp: 239841

Ion Ratio Lower Upper

92 100

91 169.1 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 19.997 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

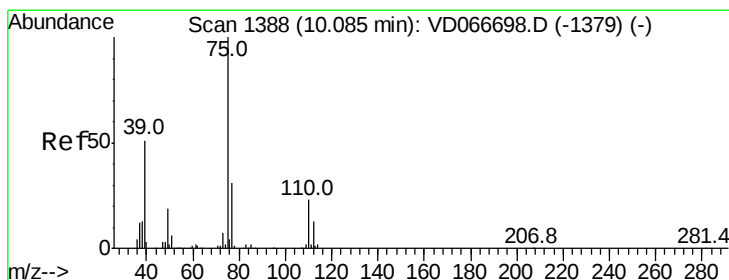
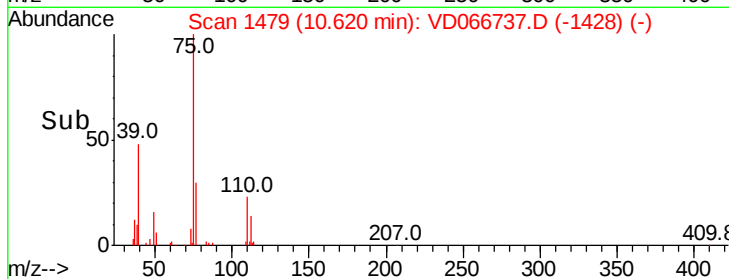
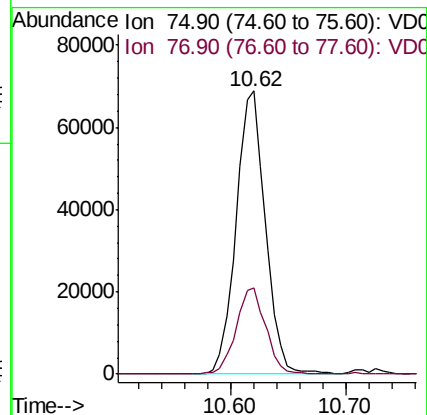
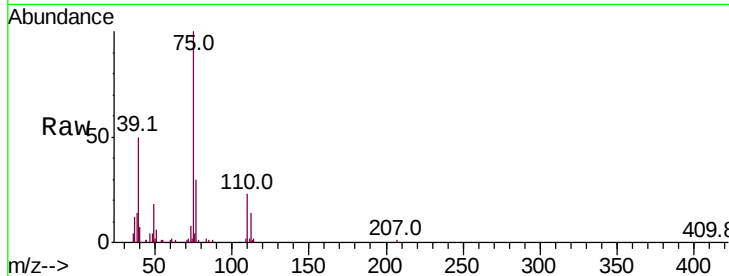
VD0917SBS01

Tot Ion: 75 Resp: 120717

Ion Ratio Lower Upper

75 100

77 30.3 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 19.974 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

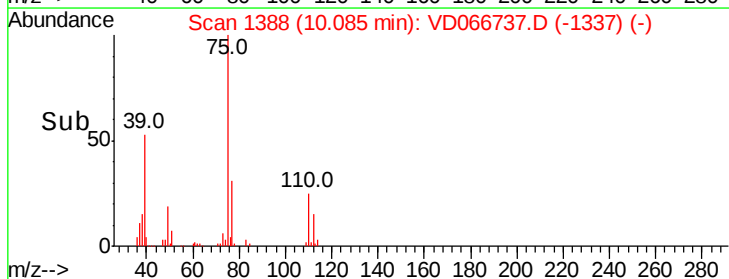
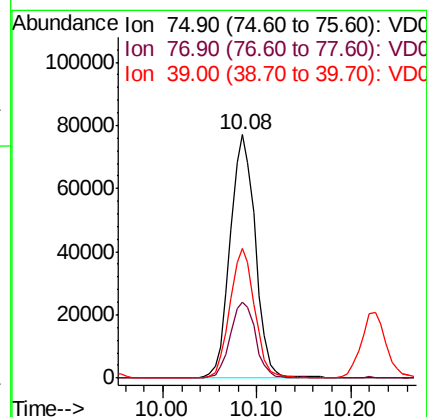
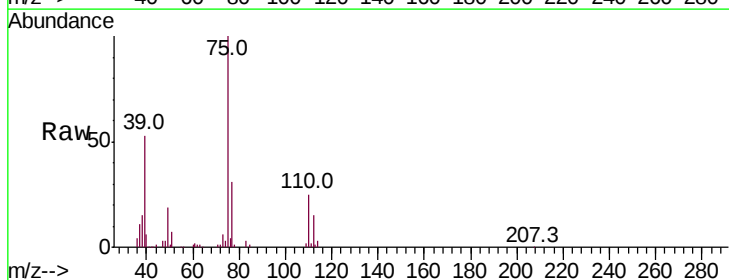
Tgt Ion: 75 Resp: 143219

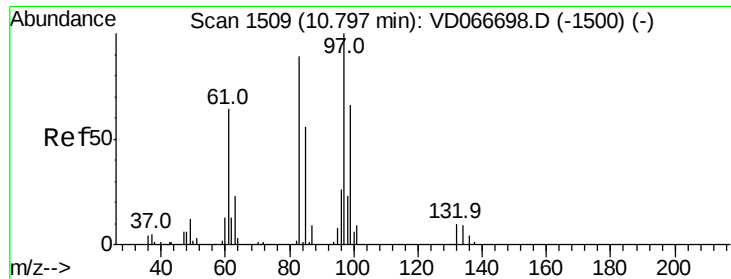
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 53.0 40.6 61.0





#55

1,1,2-Trichloroethane

Concen: 20.368 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

Tot Ion: 97 Resp: 66599

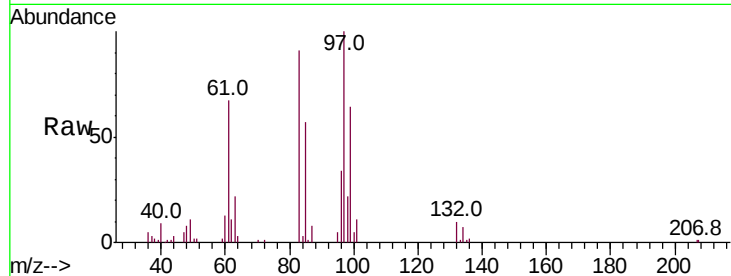
Ion Ratio Lower Upper

97 100

83 90.8 71.4 107.2

85 57.1 44.7 67.1

99 63.7 52.4 78.6

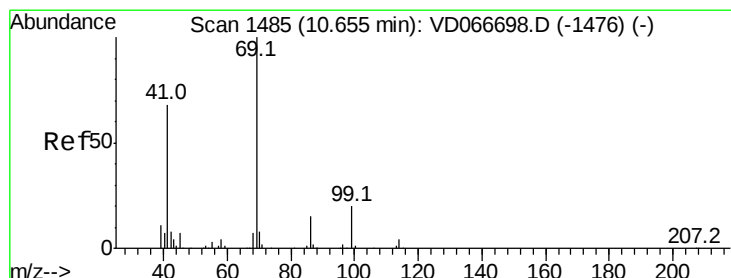
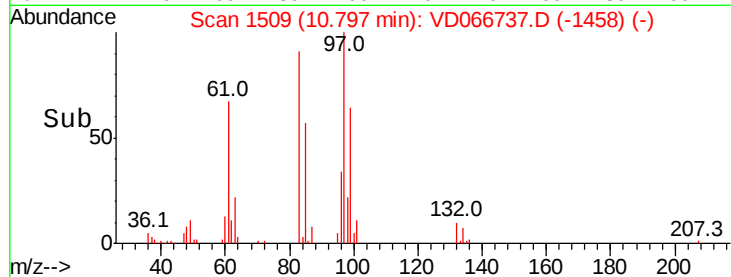
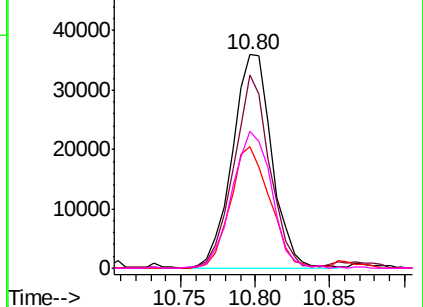


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 20.190 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

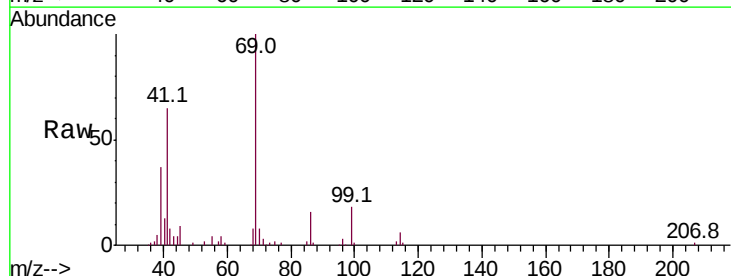
Tgt Ion: 69 Resp: 74914

Ion Ratio Lower Upper

69 100

41 66.6 55.5 83.3

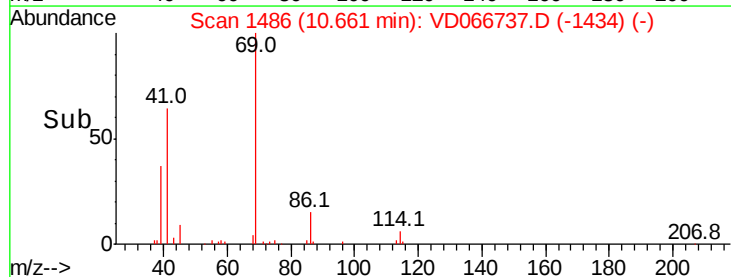
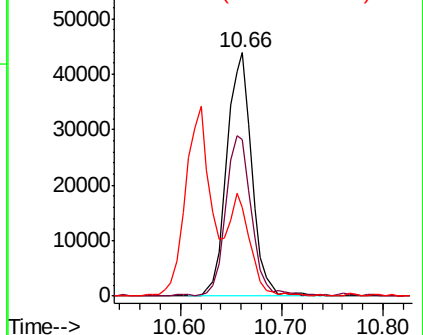
39 33.7 29.7 44.5

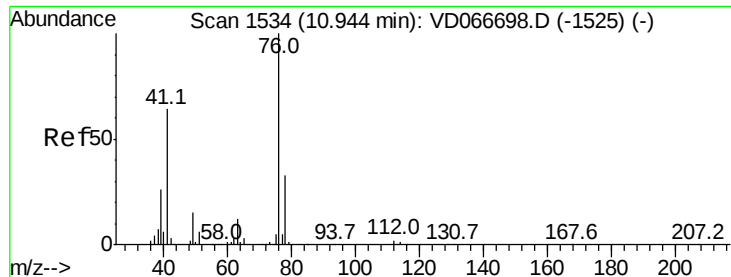


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

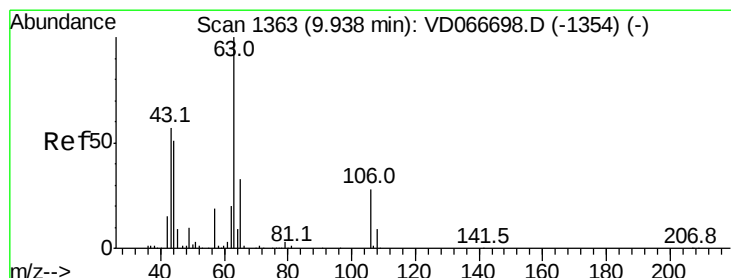
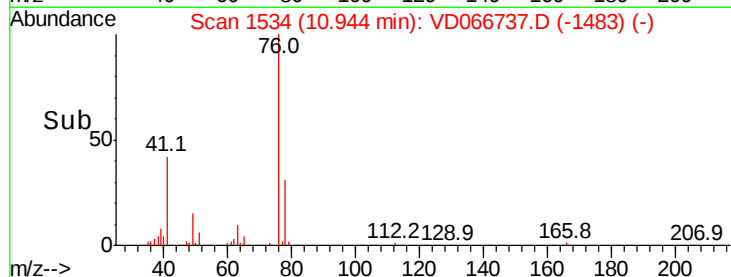
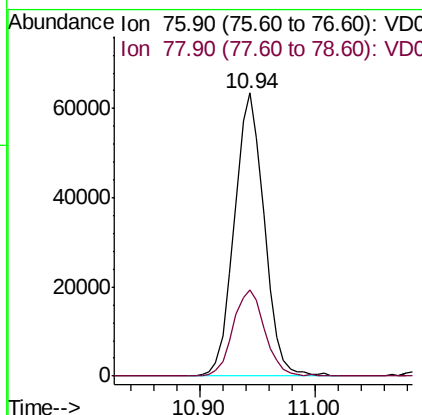
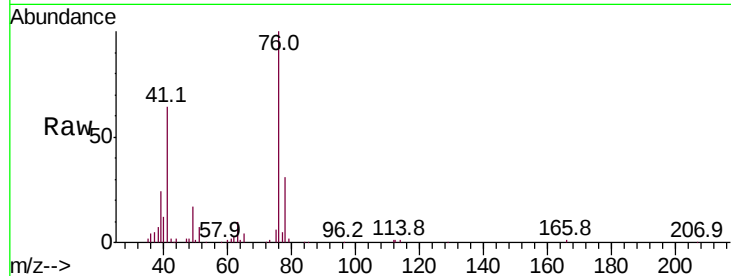




#57
 1,3-Dichloropropane
 Concen: 19.803 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

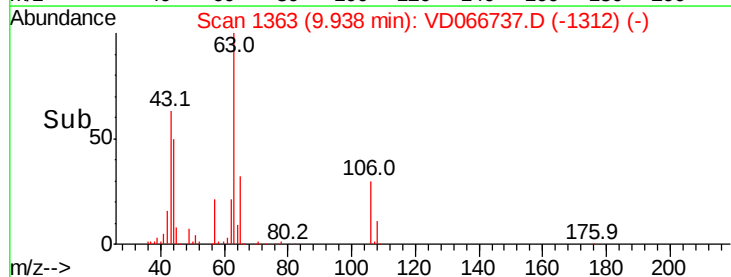
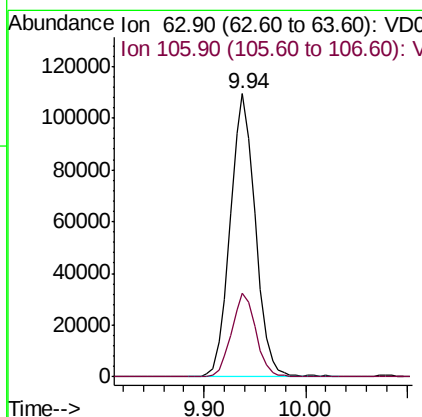
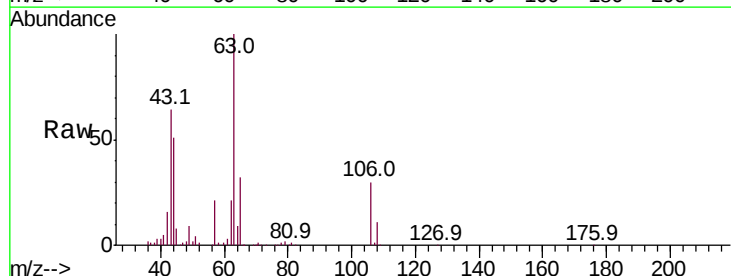
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBSD01

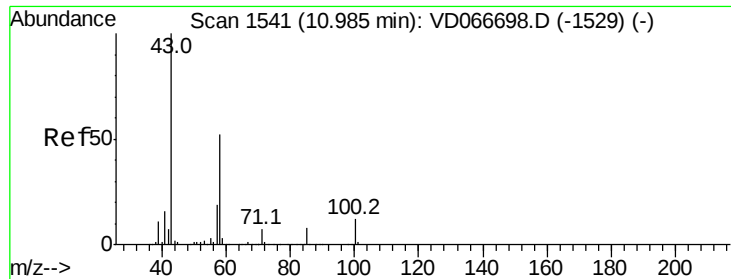
Tot Ion: 76 Resp: 113630
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.461 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

Tgt Ion: 63 Resp: 188159
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.2 33.4

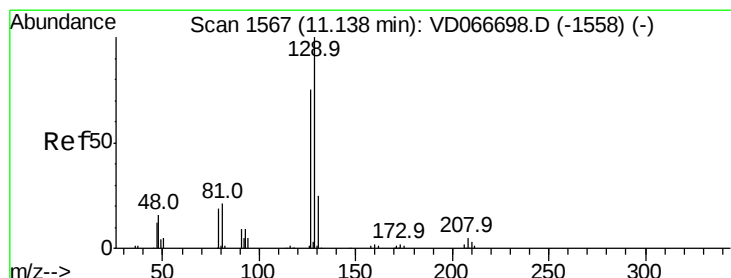
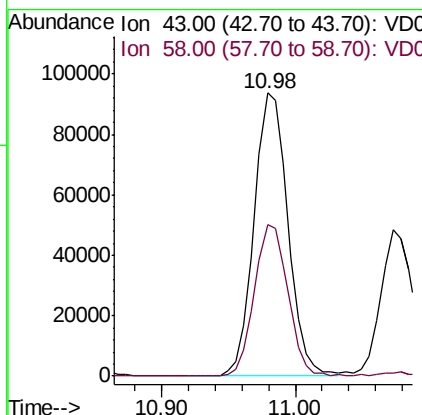
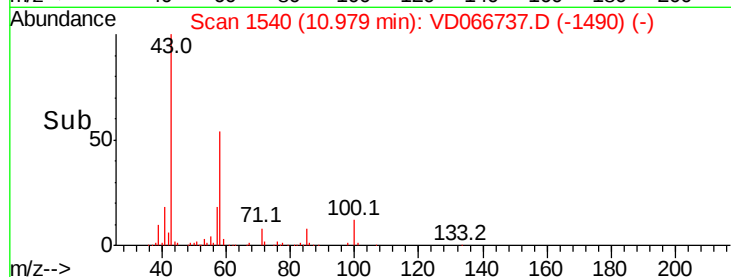
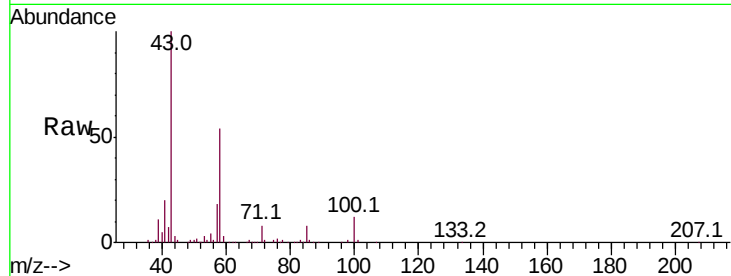




#59
2-Hexanone
Concen: 98.633 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

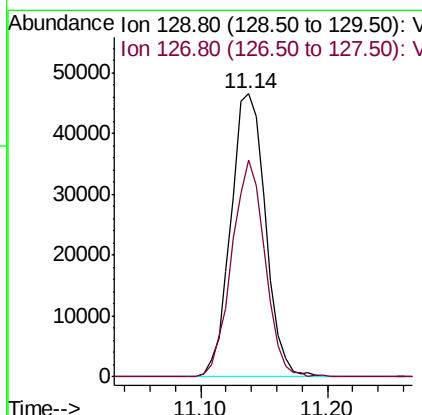
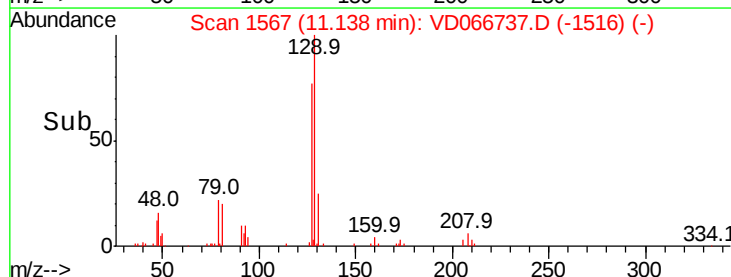
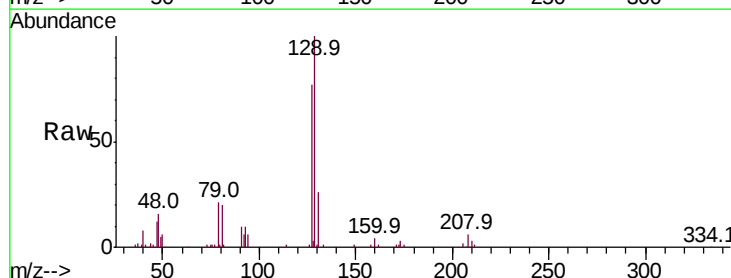
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBSD01

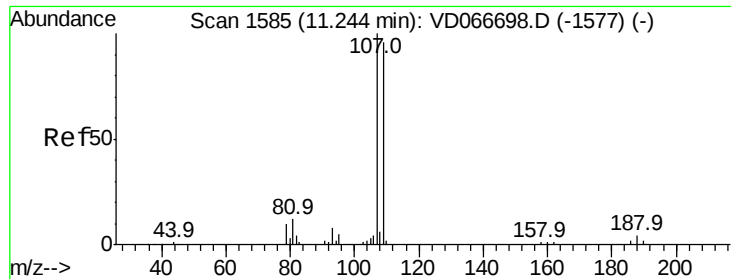
Tot Ion: 43 Resp: 164054
Ion Ratio Lower Upper
43 100
58 52.6 26.2 78.5



#60
Dibromochloromethane
Concen: 20.626 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 129 Resp: 87877
Ion Ratio Lower Upper
129 100
127 73.8 38.1 114.3

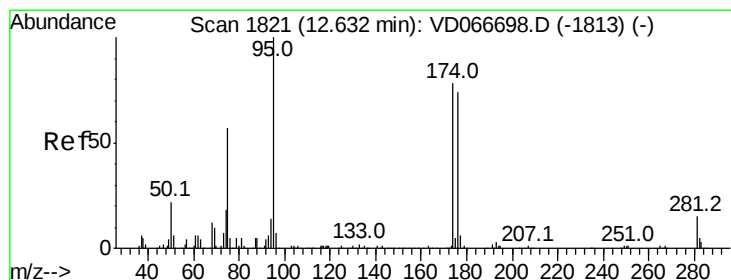
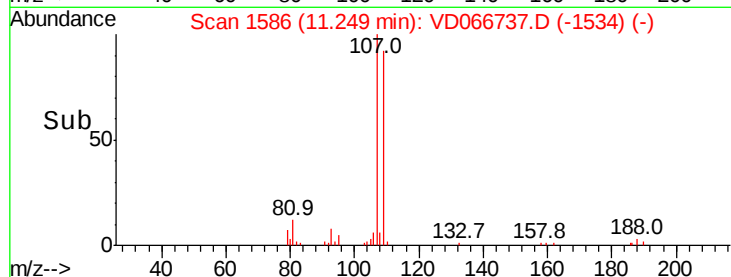
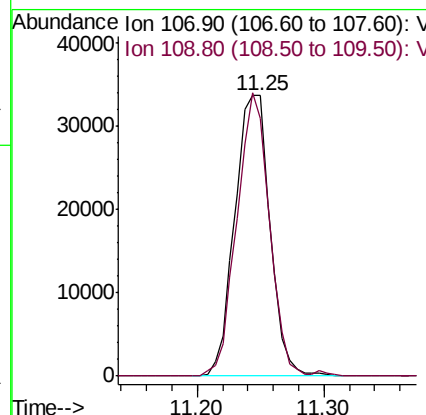
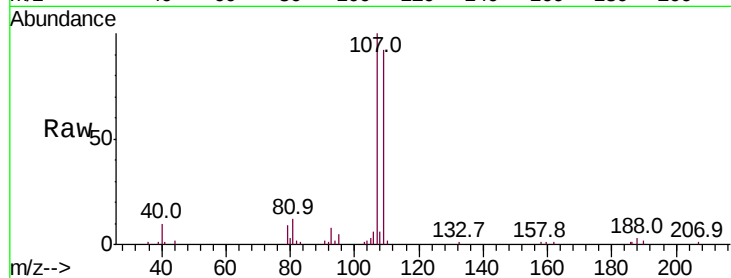




#61
 1,2-Dibromoethane
 Concen: 20.652 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

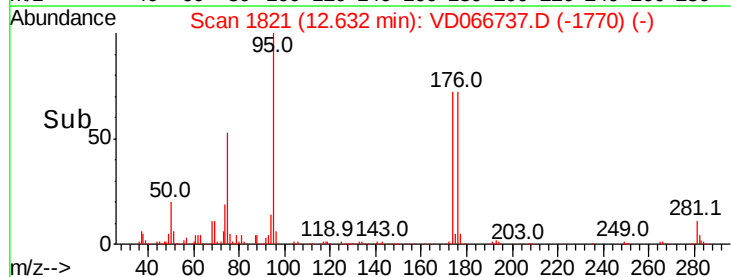
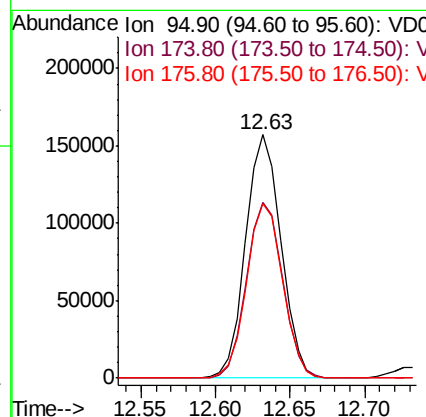
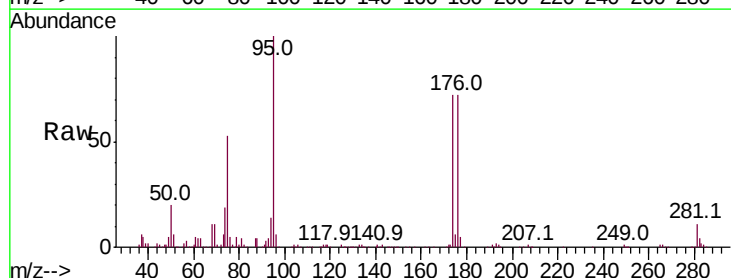
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBSD01

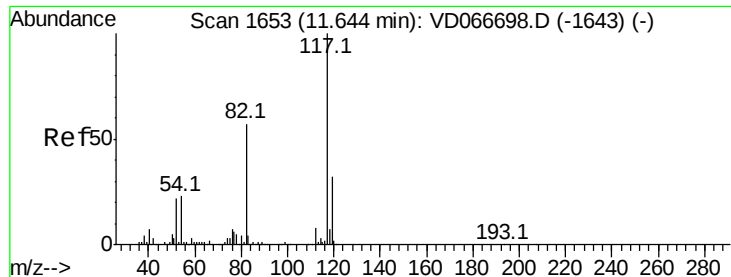
Tot Ion:107 Resp: 64777
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.980 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

Tgt Ion: 95 Resp: 257225
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 156.6
 176 72.9 0.0 150.2

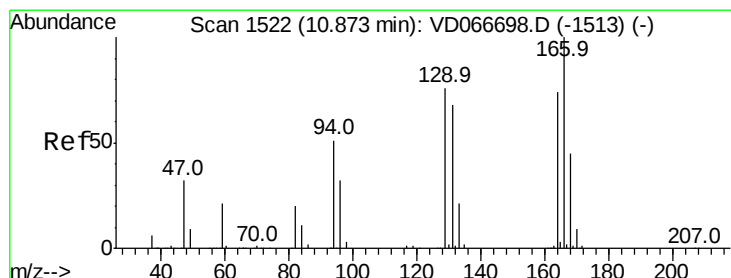
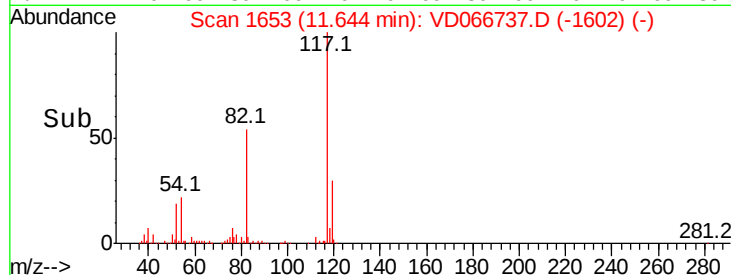
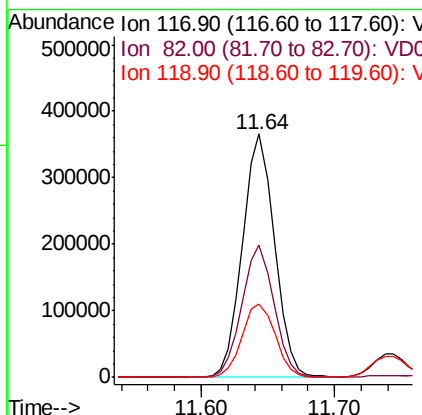
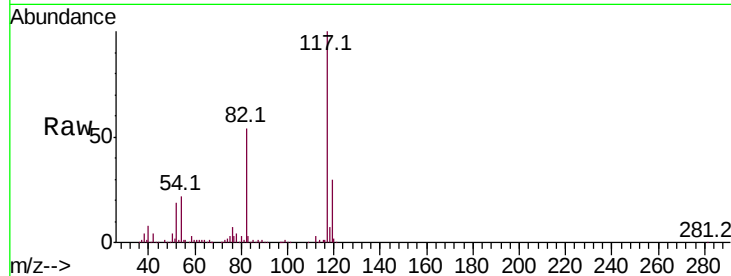




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

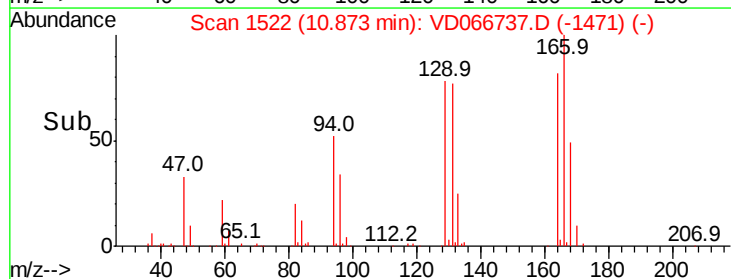
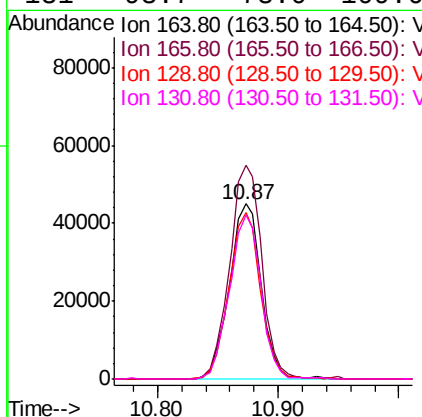
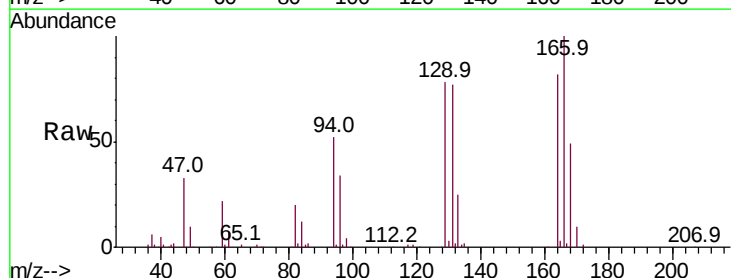
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBSD01

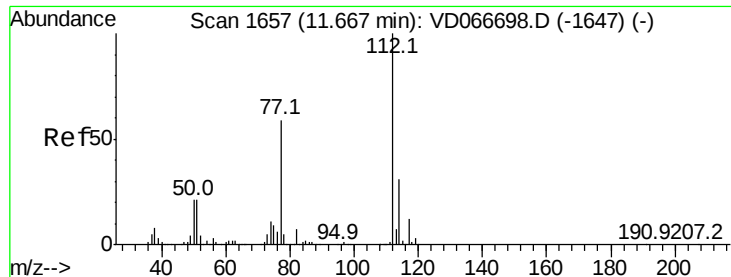
Tot Ion:117 Resp: 608197
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 30.3 25.8 38.6



#64
Tetrachloroethene
Concen: 19.854 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Tgt Ion:164 Resp: 82430
Ion Ratio Lower Upper
164 100
166 122.1 107.5 161.3
129 94.8 81.4 122.0
131 93.7 73.0 109.6





#65

Chlorobenzene

Concen: 19.573 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

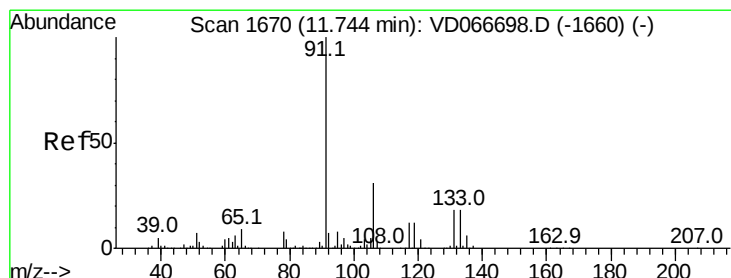
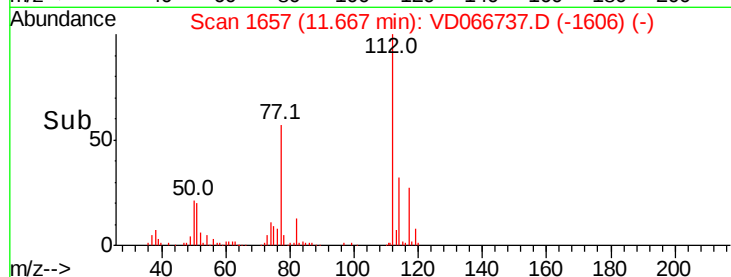
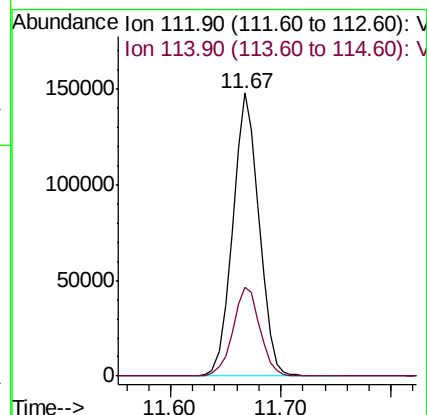
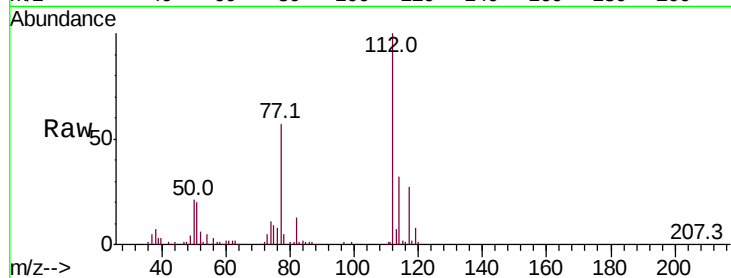
VD0917SBS01

Tot Ion:112 Resp: 246463

Ion Ratio Lower Upper

112 100

114 31.5 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.453 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

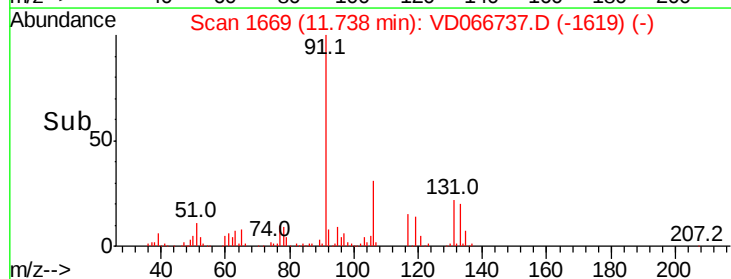
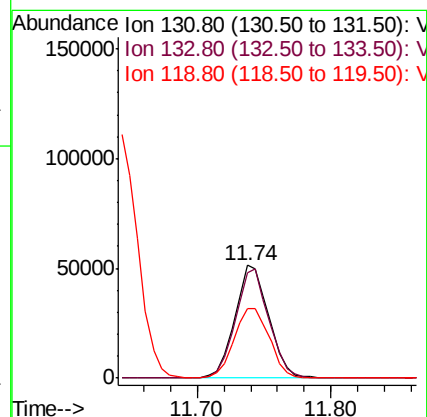
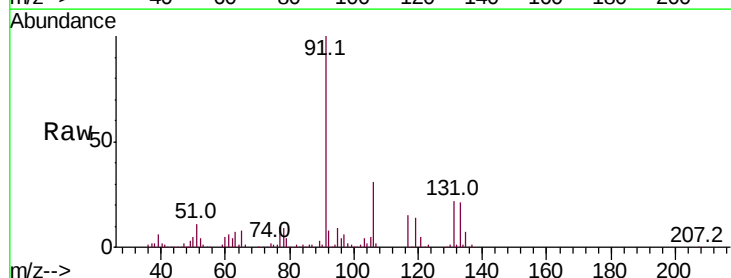
Tgt Ion:131 Resp: 90380

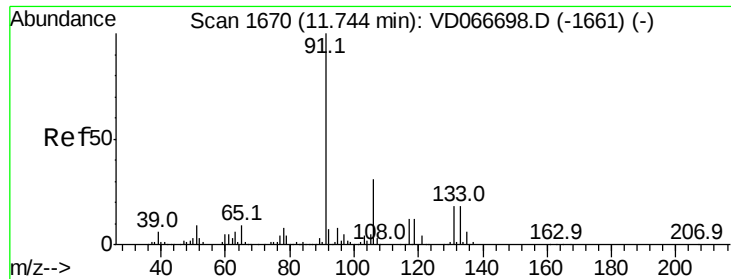
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 64.8 33.6 100.8





#67

Ethyl Benzene

Concen: 18.931 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

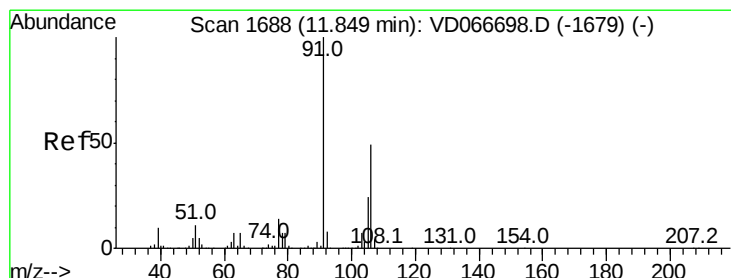
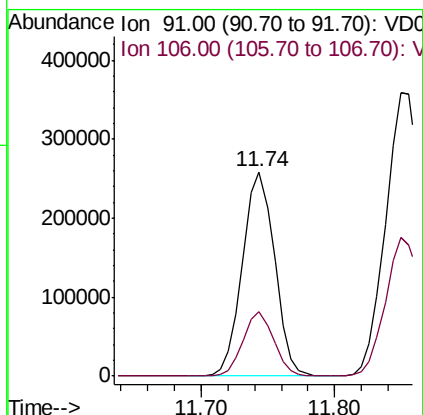
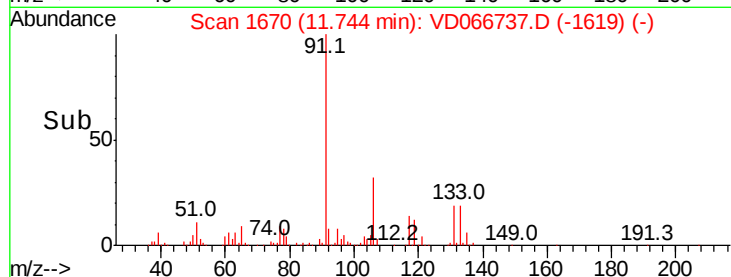
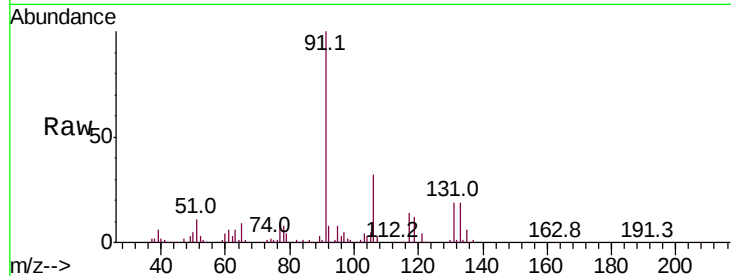
VD0917SBS01

Tot Ion: 91 Resp: 431788

Ion Ratio Lower Upper

91 100

106 31.7 25.1 37.7



#68

m/p-Xylenes

Concen: 39.020 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066737.D

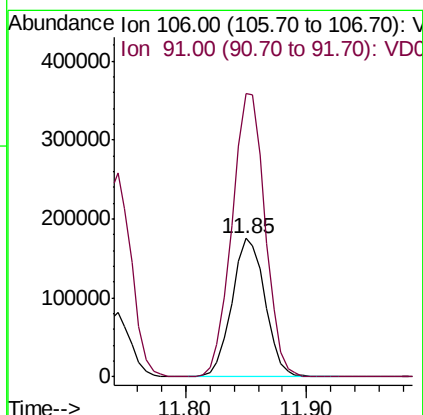
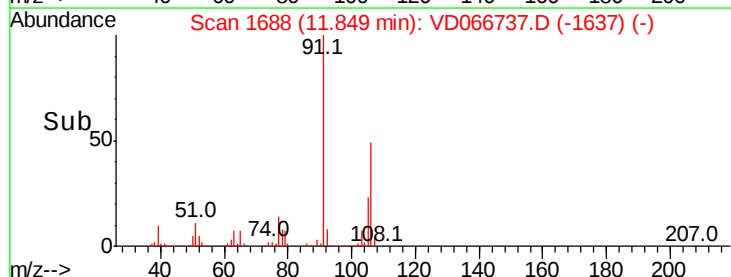
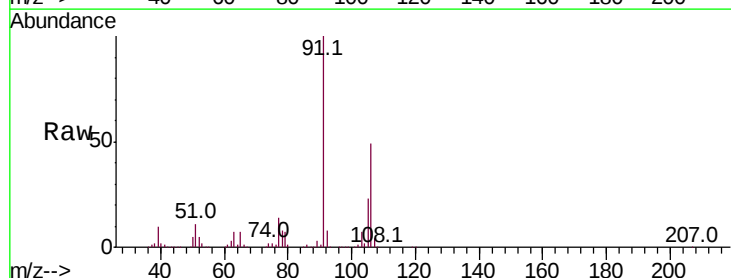
Acq: 17 Sep 2020 11:52

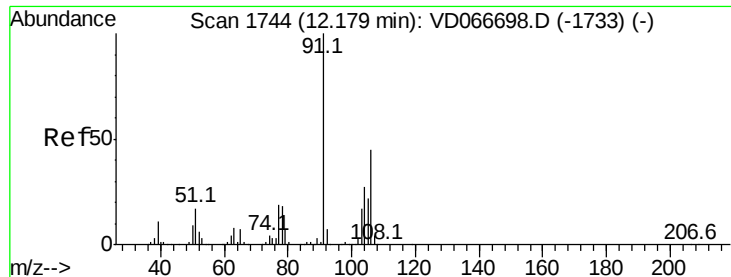
Tgt Ion: 106 Resp: 336369

Ion Ratio Lower Upper

106 100

91 203.7 164.8 247.2

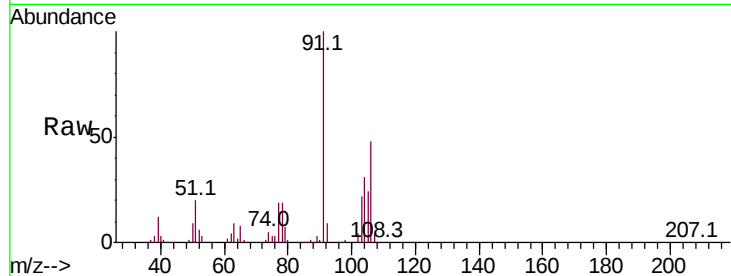




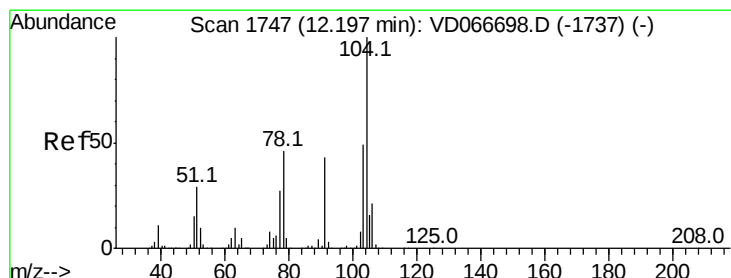
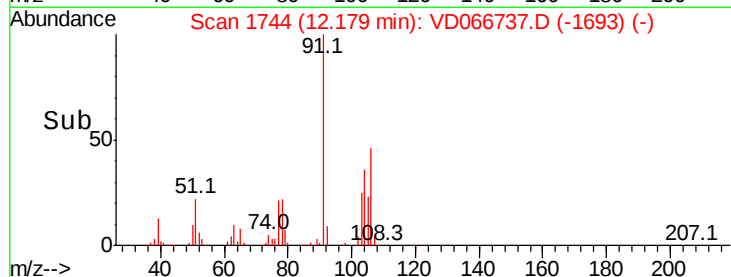
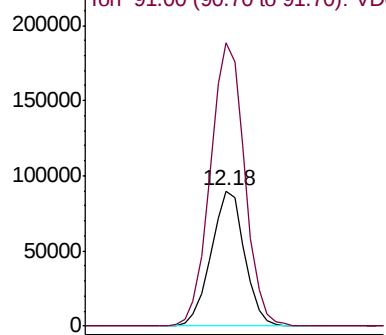
#69
o-Xylene
Concen: 19.510 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBSD01

Tot Ion:106 Resp: 148623
Ion Ratio Lower Upper
106 100
91 215.4 109.4 328.2

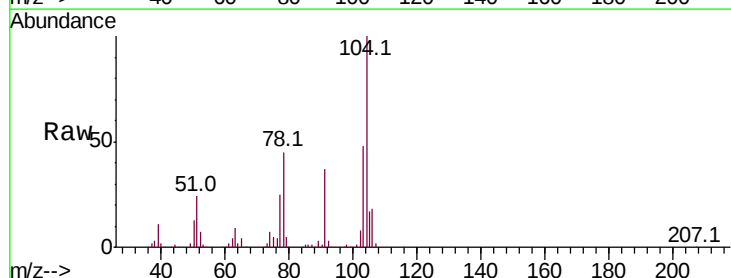


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

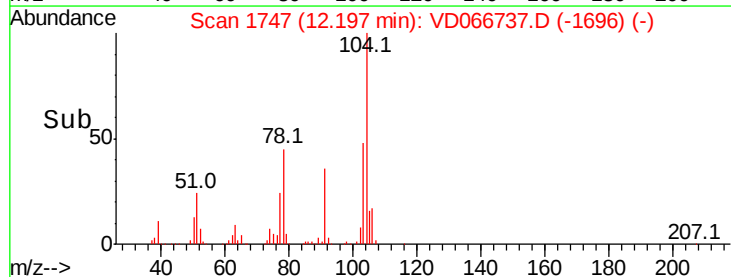
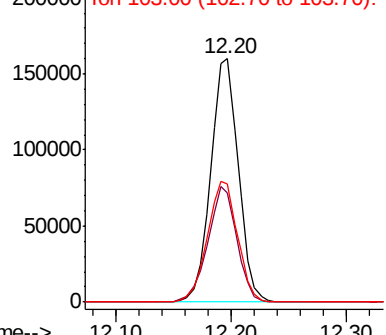


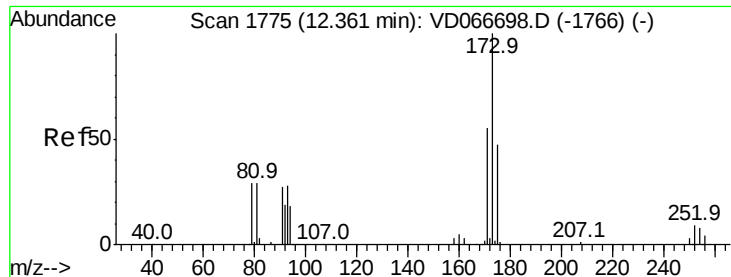
#70
Styrene
Concen: 19.799 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Tgt Ion:104 Resp: 265466
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.4
103 54.1 42.5 63.7



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





#71

Bromoform

Concen: 19.768 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

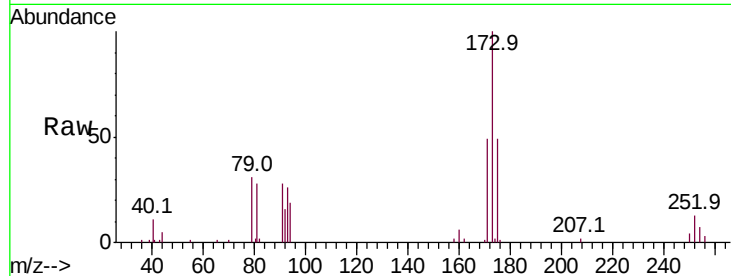
Tot Ion:173 Resp: 46093

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

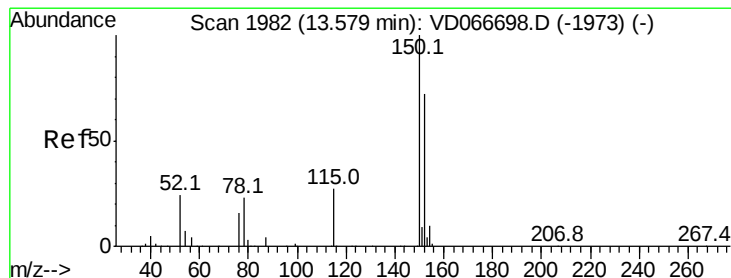
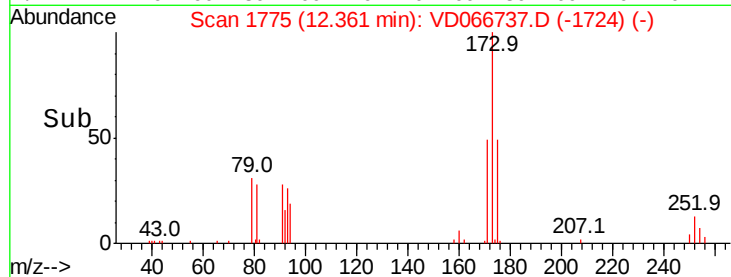
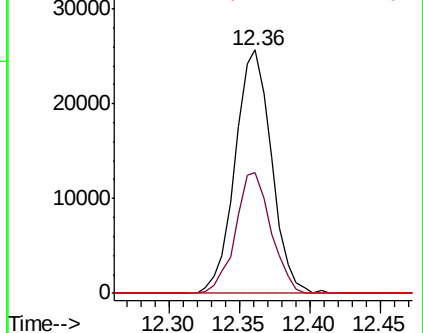
254 0.0 0.1 0.1#



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: VD066737.D

Acq: 17 Sep 2020 11:52

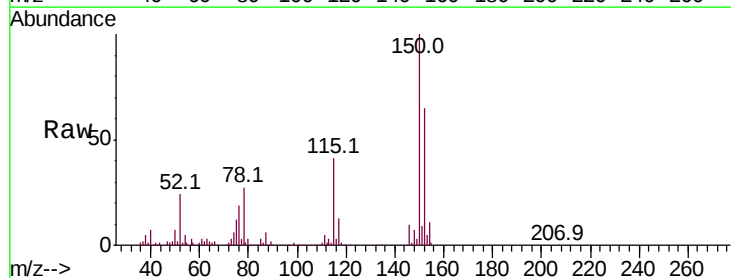
Tgt Ion:152 Resp: 277313

Ion Ratio Lower Upper

152 100

115 62.7 30.5 91.5

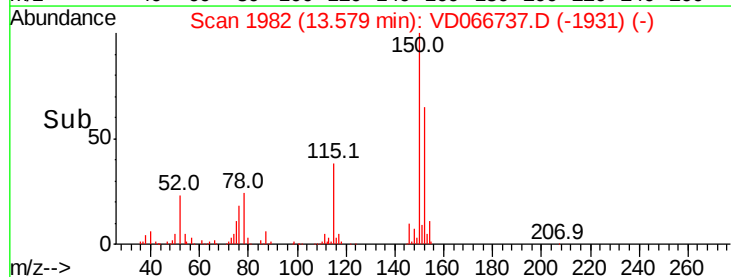
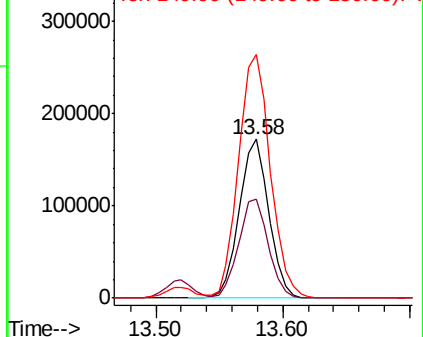
150 165.8 0.0 344.6

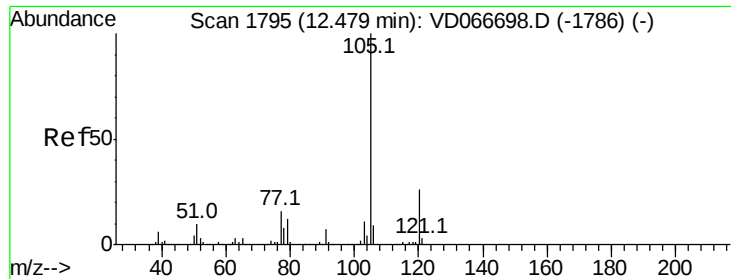


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.663 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

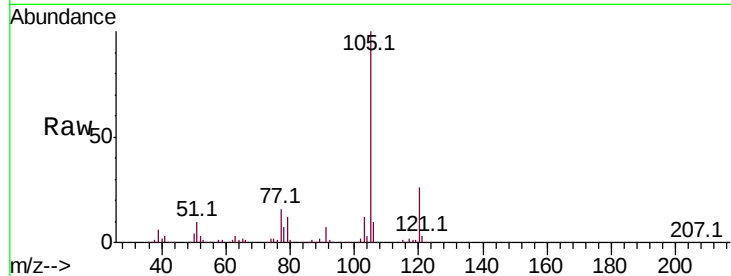
VD0917SBS01

Tot Ion:105 Resp: 407060

Ion Ratio Lower Upper

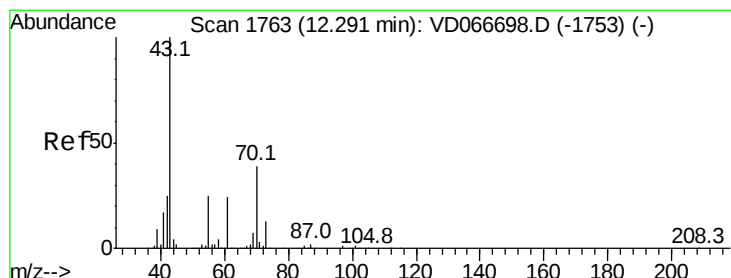
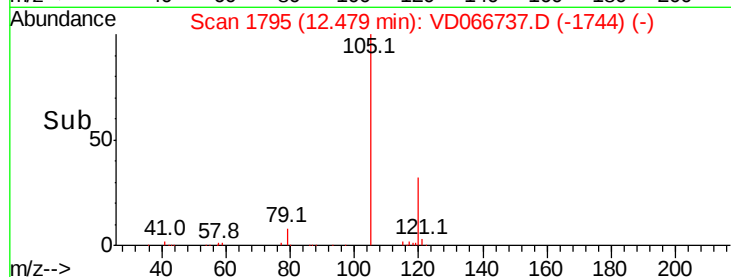
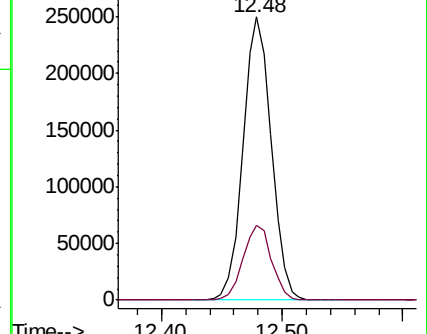
105 100

120 26.6 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.108 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Tgt Ion: 43 Resp: 83444

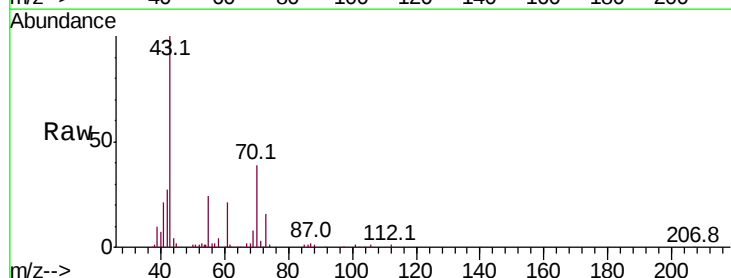
Ion Ratio Lower Upper

43 100

70 42.2 33.0 49.4

55 27.2 20.6 30.8

61 23.1 19.1 28.7

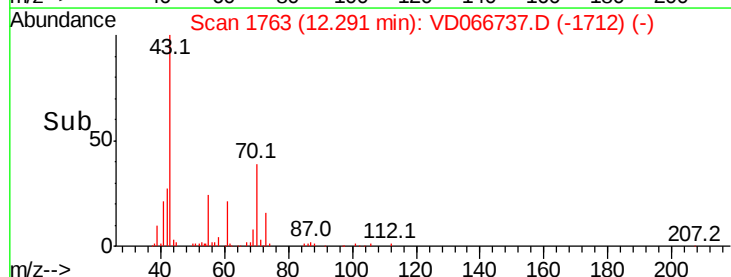
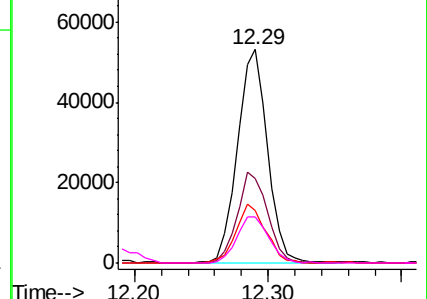


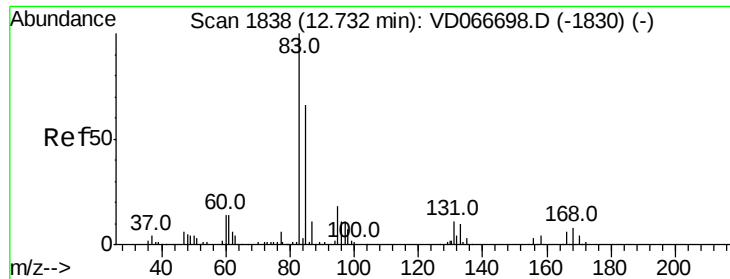
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.445 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

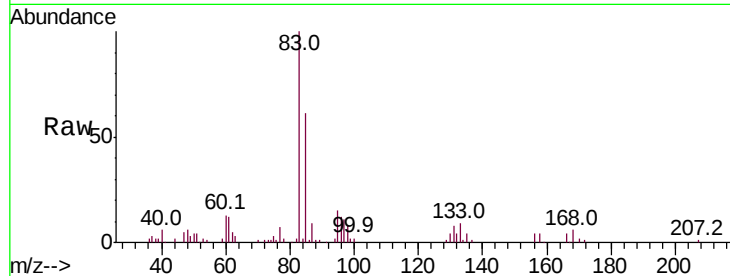
Tot Ion: 83 Resp: 71920

Ion Ratio Lower Upper

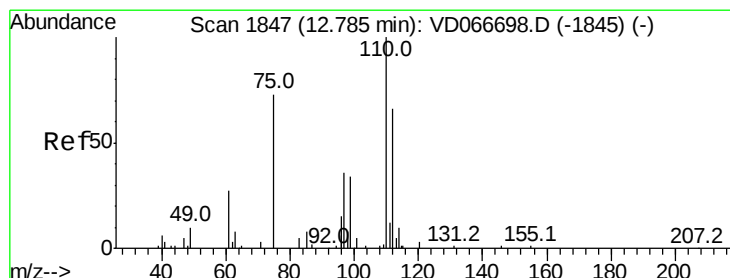
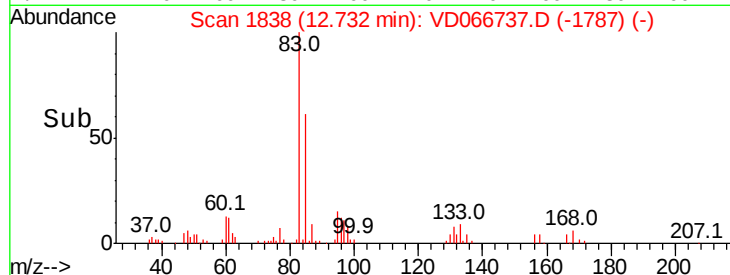
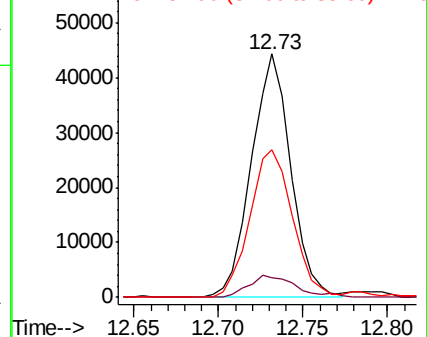
83 100

131 10.6 5.8 17.3

85 65.5 33.3 99.8



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



#76

1,2,3-Trichloropropane

Concen: 39.454 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066737.D

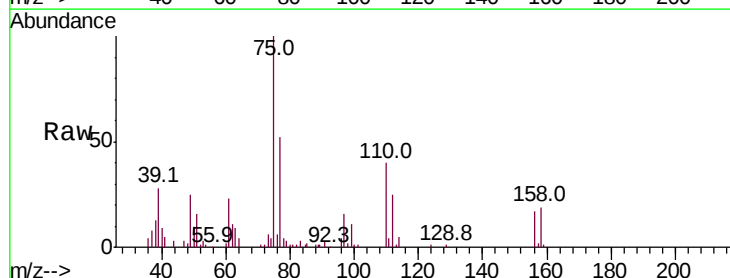
Acq: 17 Sep 2020 11:52

Tgt Ion: 75 Resp: 93651

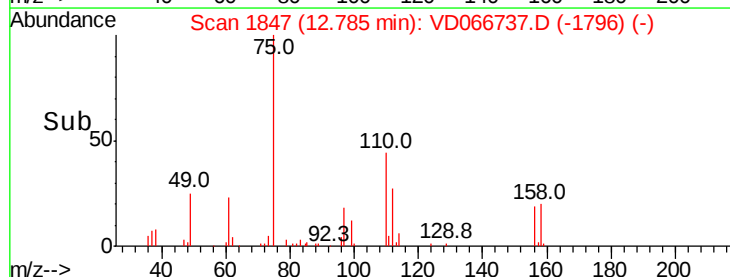
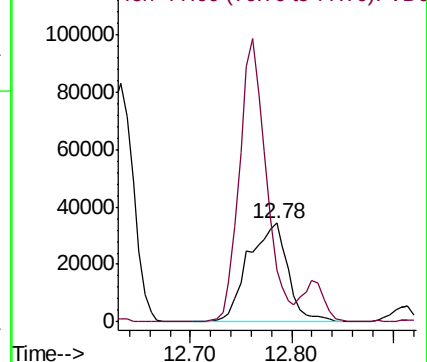
Ion Ratio Lower Upper

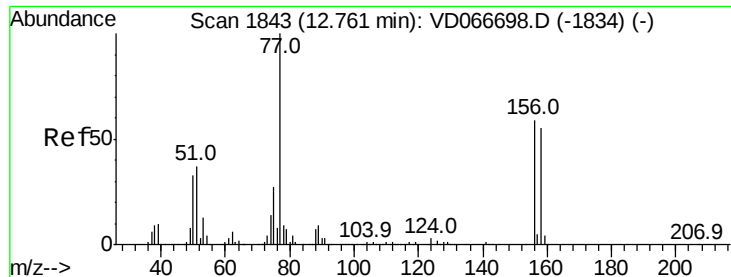
75 100

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: 19.473 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

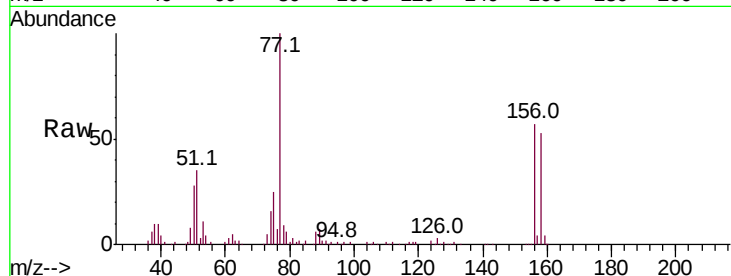
Tot Ion:156 Resp: 92913

Ion Ratio Lower Upper

156 100

77 195.7 95.8 287.3

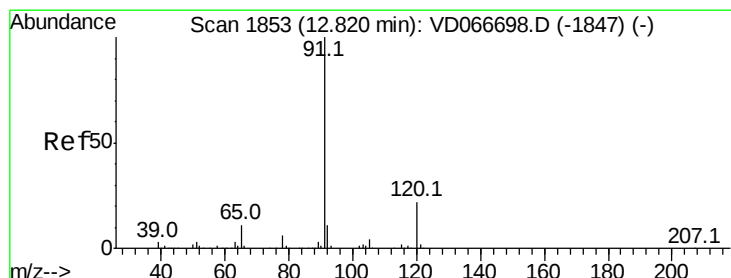
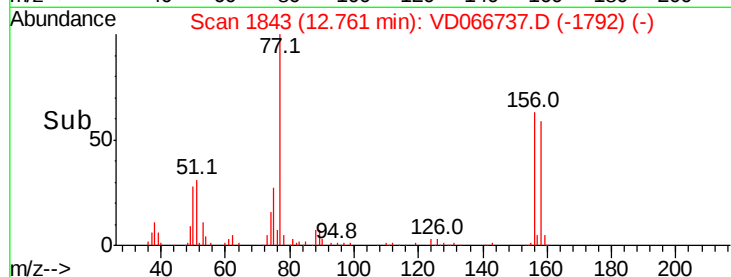
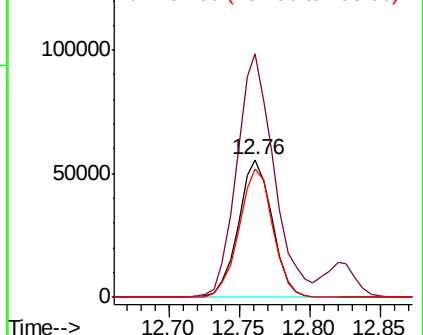
158 93.5 48.4 145.0



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: 19.674 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066737.D

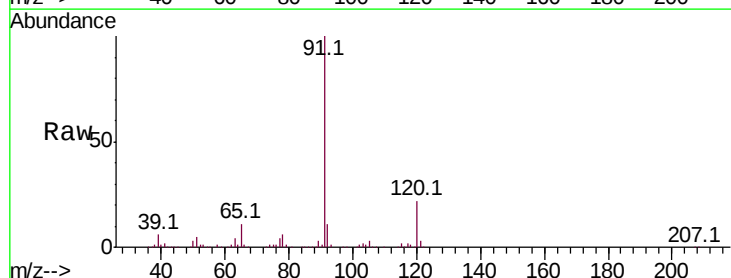
Acq: 17 Sep 2020 11:52

Tgt Ion: 91 Resp: 496499

Ion Ratio Lower Upper

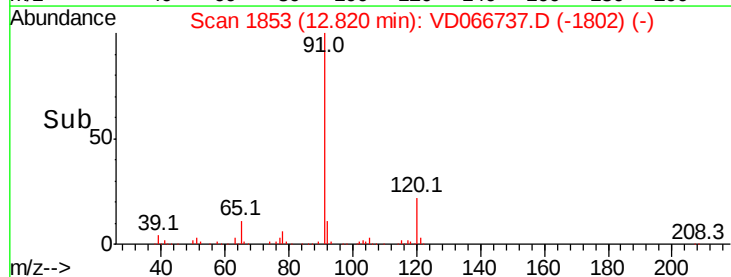
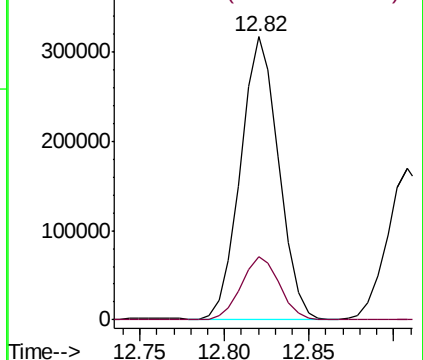
91 100

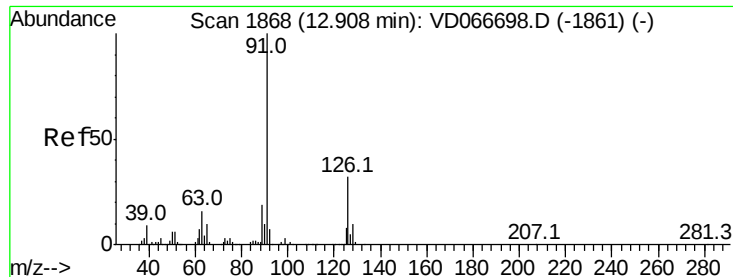
120 22.4 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

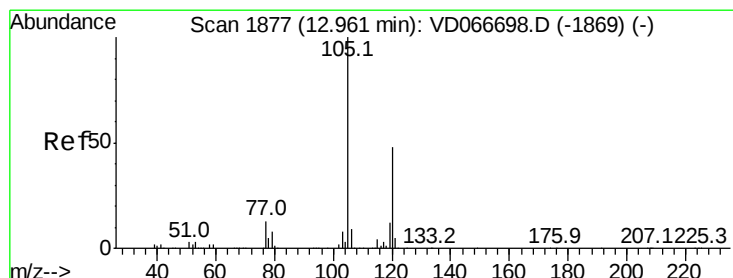
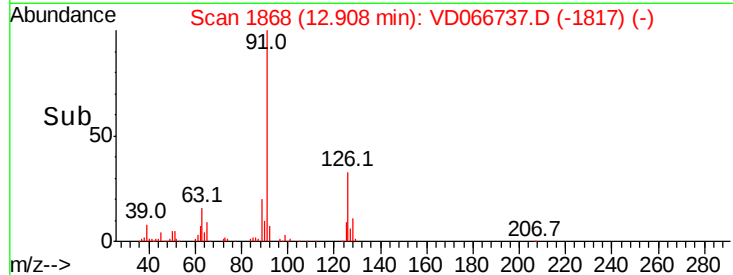
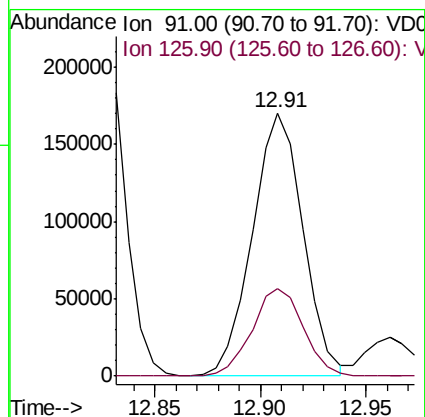
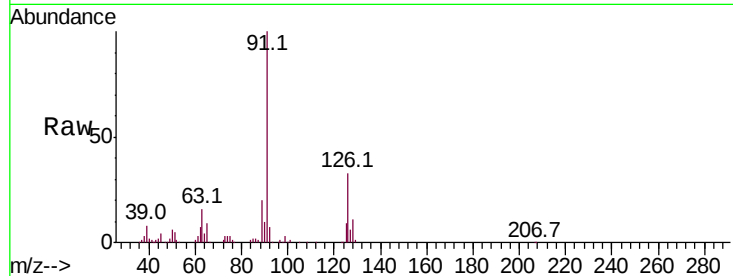




#79
 2-Chlorotoluene
 Concen: 19.825 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

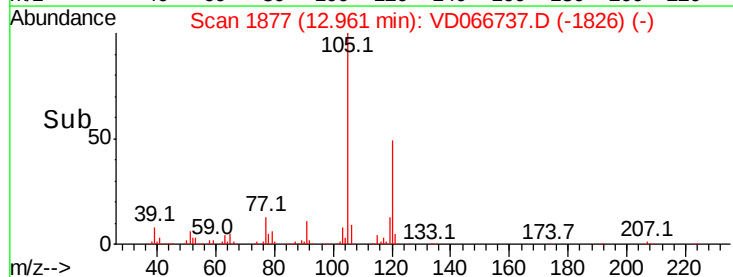
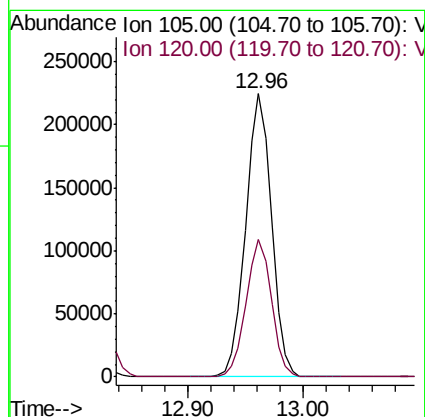
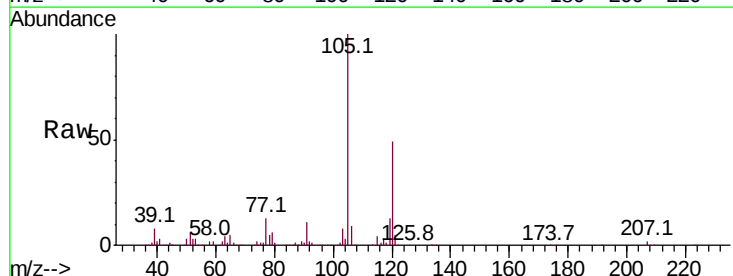
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBSD01

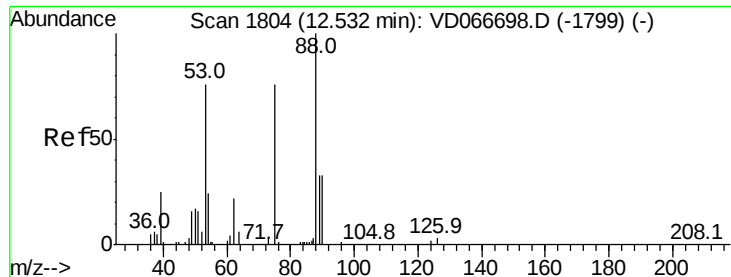
Tot Ion: 91 Resp: 282894
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.944 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

Tgt Ion:105 Resp: 349099
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 20.524 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBSD01

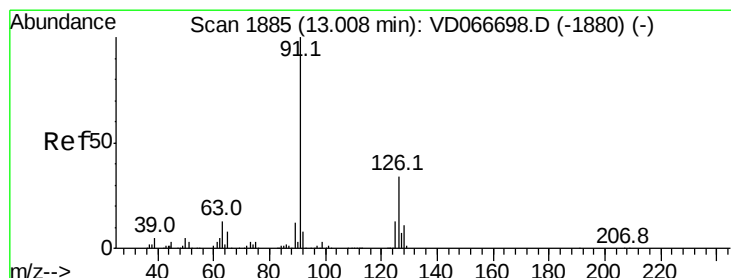
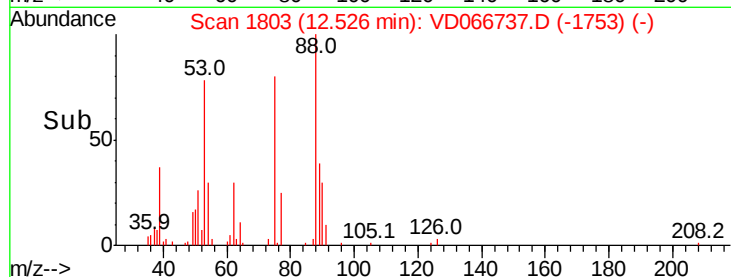
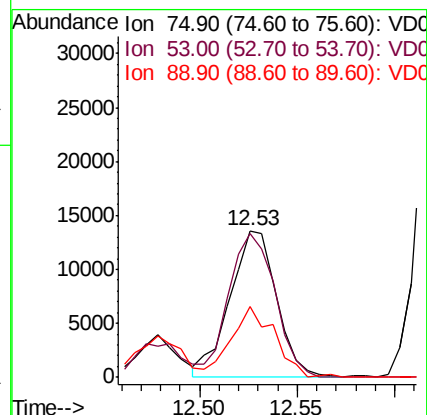
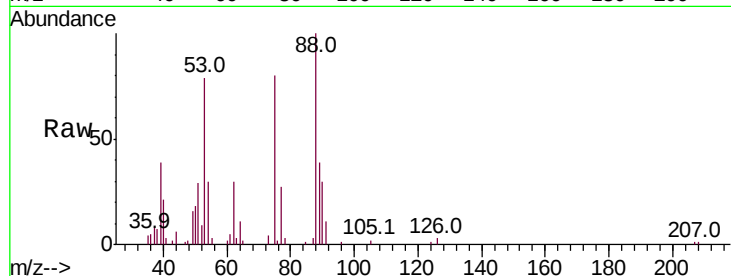
Tot Ion: 75 Resp: 22573

Ion Ratio Lower Upper

75 100

53 97.8 82.2 123.4

89 44.6 39.6 59.4



#82

4-Chlorotoluene

Concen: 20.472 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066737.D

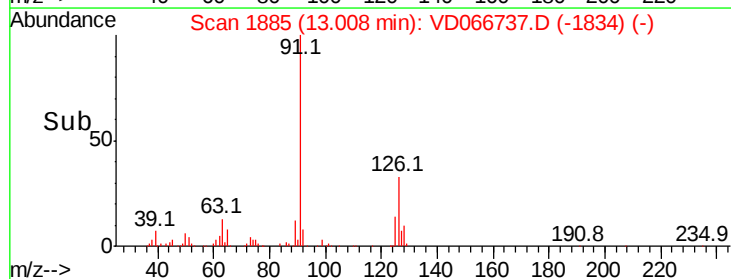
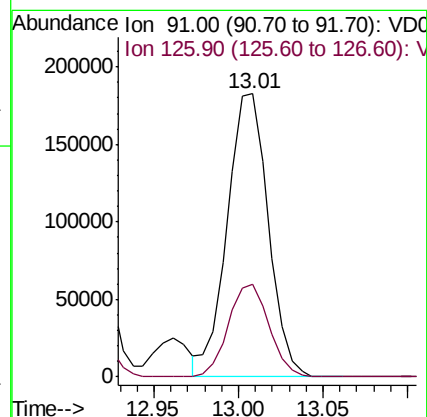
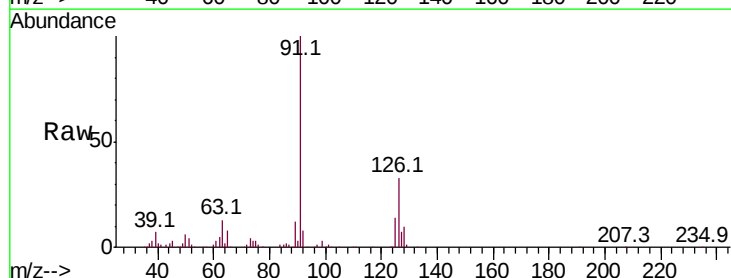
Acq: 17 Sep 2020 11:52

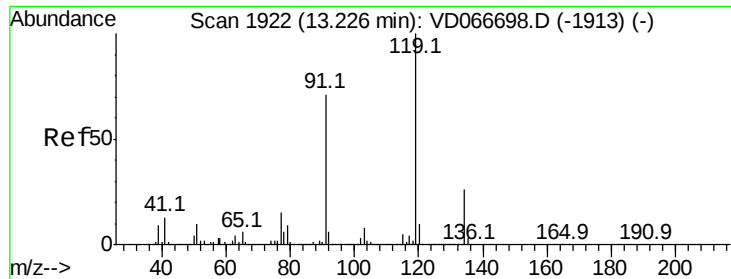
Tgt Ion: 91 Resp: 308886

Ion Ratio Lower Upper

91 100

126 32.4 16.8 50.4

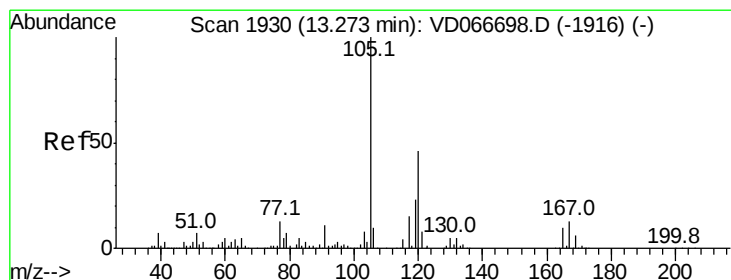
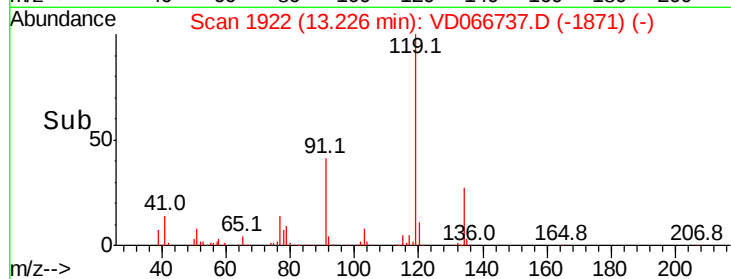
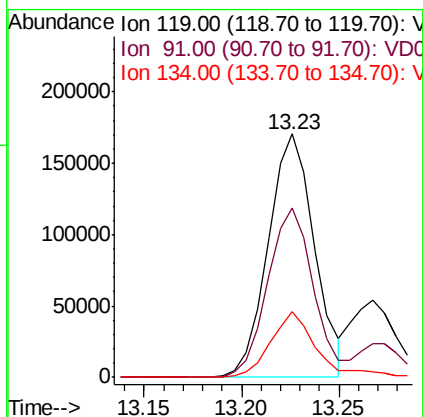
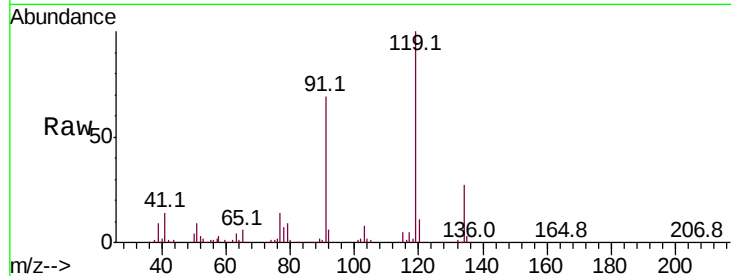




#83
 tert-Butylbenzene
 Concen: 19.375 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

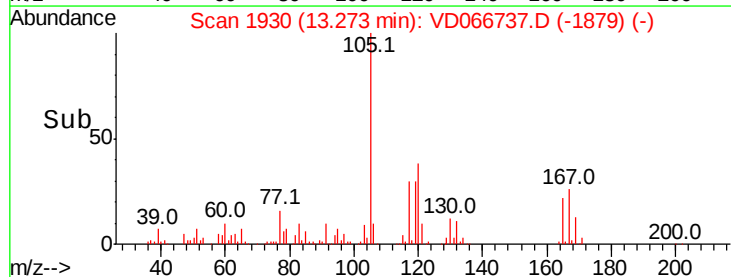
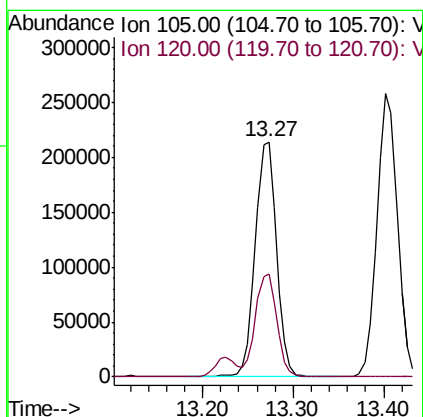
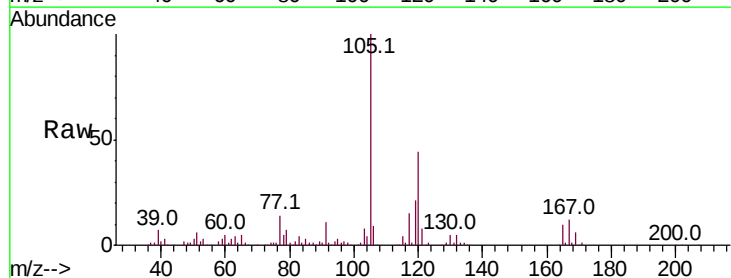
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBSD01

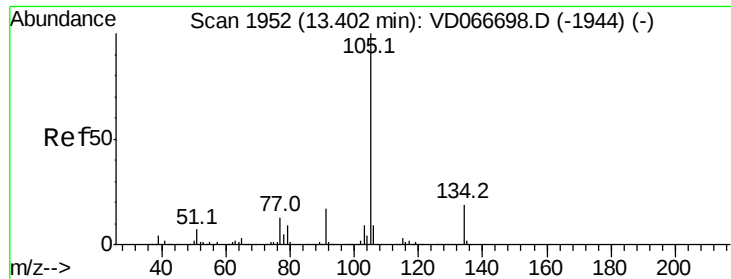
Tot Ion:119 Resp: 279530
 Ion Ratio Lower Upper
 119 100
 91 69.6 35.0 105.1
 134 27.1 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.997 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

Tgt Ion:105 Resp: 349813
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.4 67.2





#85

sec-Butylbenzene

Concen: 19.471 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

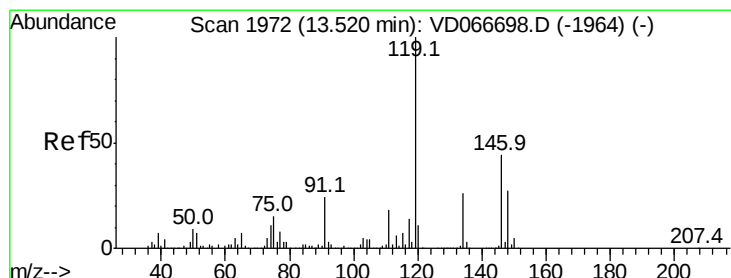
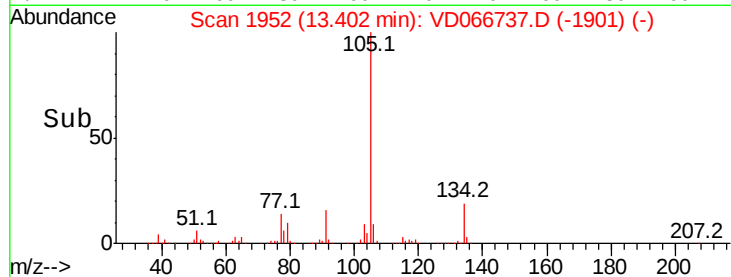
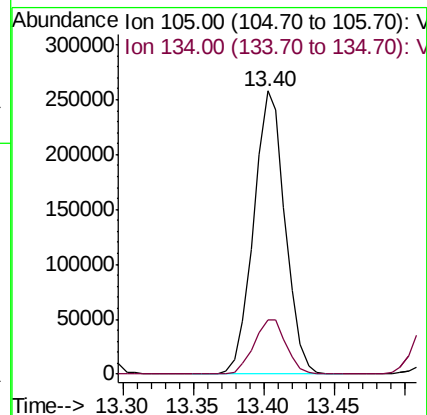
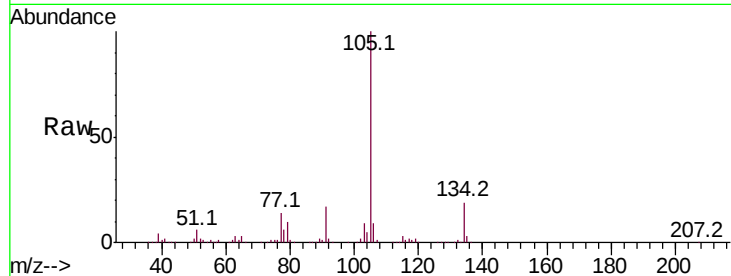
VD0917SBSD01

Tot Ion:105 Resp: 402721

Ion Ratio Lower Upper

105 100

134 19.8 10.0 30.0



#86

p-Isopropyltoluene

Concen: 19.528 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

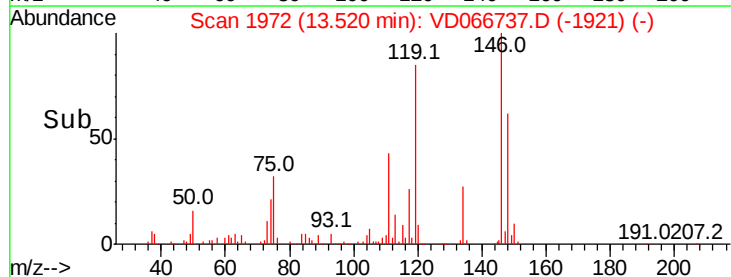
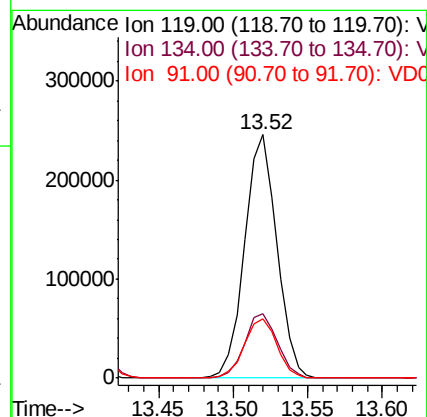
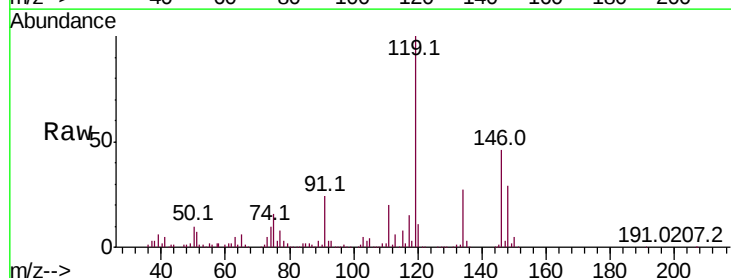
Tgt Ion:119 Resp: 367192

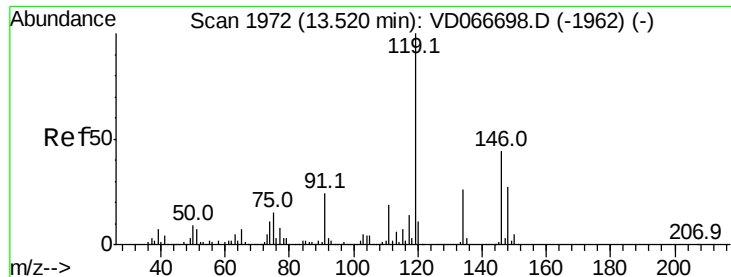
Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.7

91 24.9 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 20.017 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

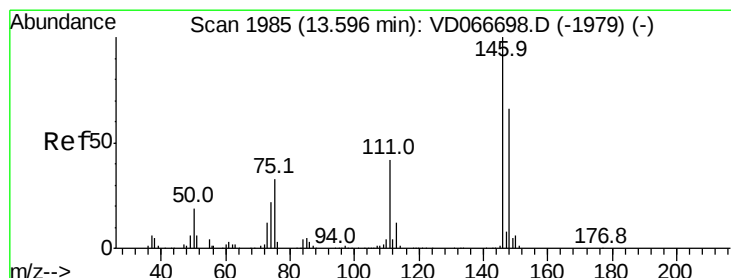
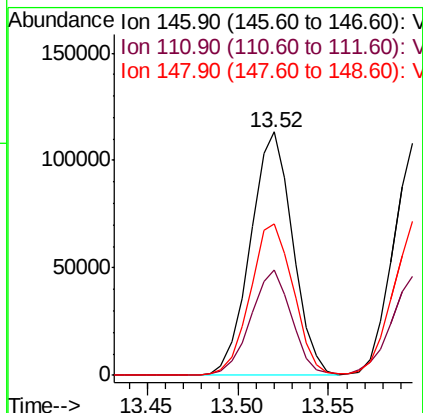
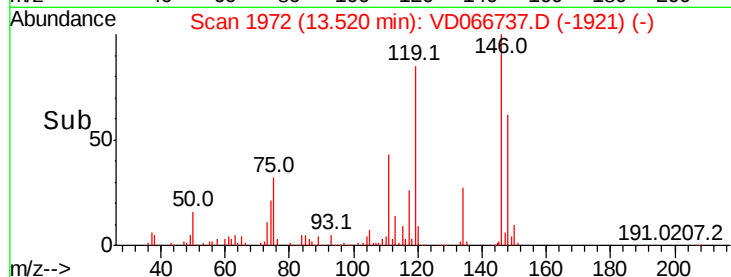
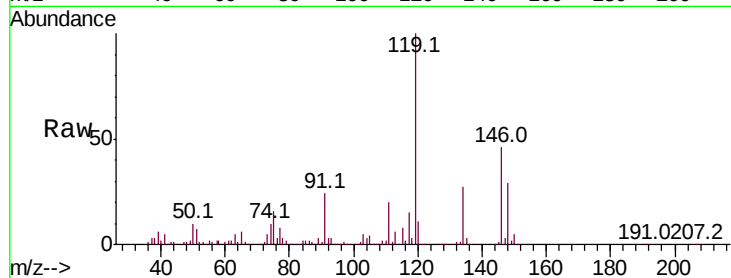
Tot Ion:146 Resp: 183237

Ion Ratio Lower Upper

146 100

111 41.8 21.1 63.3

148 63.6 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 20.063 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

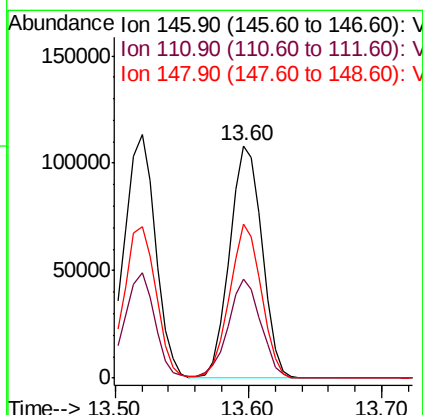
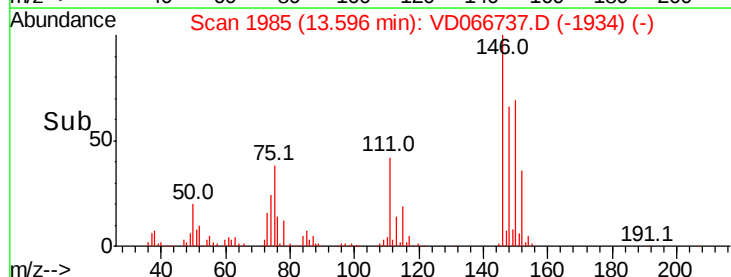
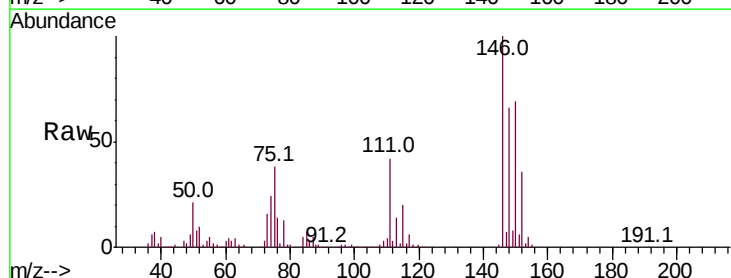
Tgt Ion:146 Resp: 182884

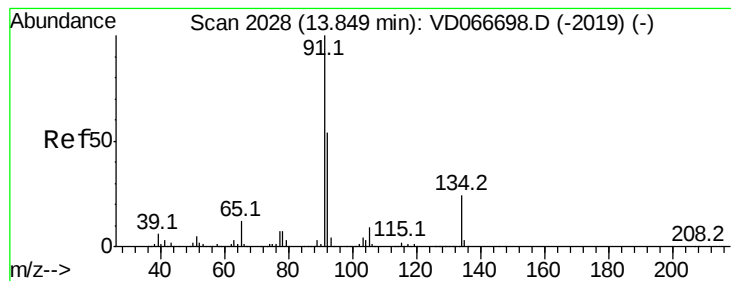
Ion Ratio Lower Upper

146 100

111 43.0 20.5 61.6

148 65.0 32.7 98.1

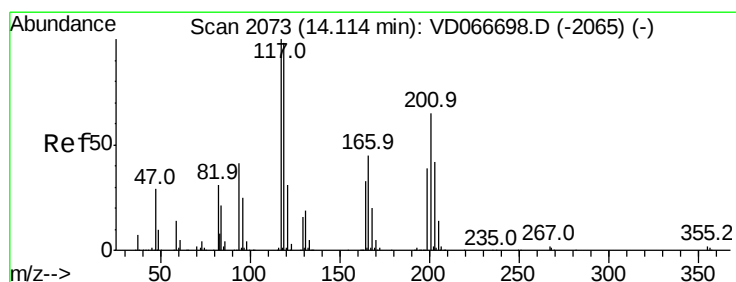
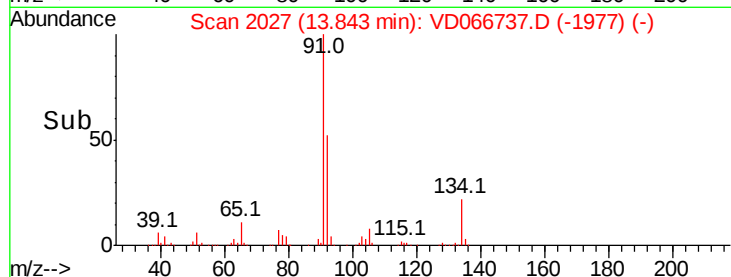
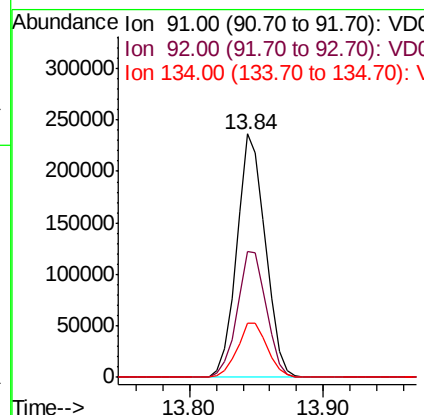
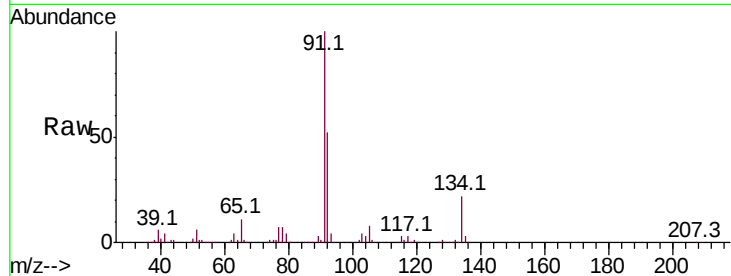




#89
n-Butylbenzene
Concen: 19.590 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

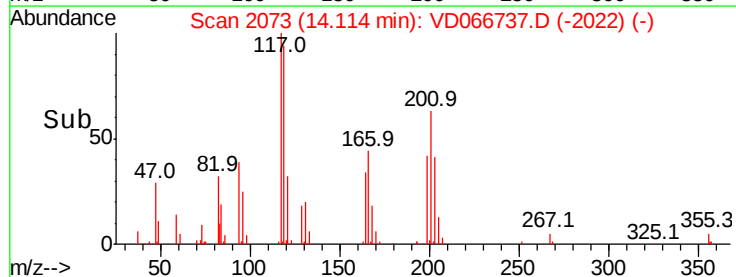
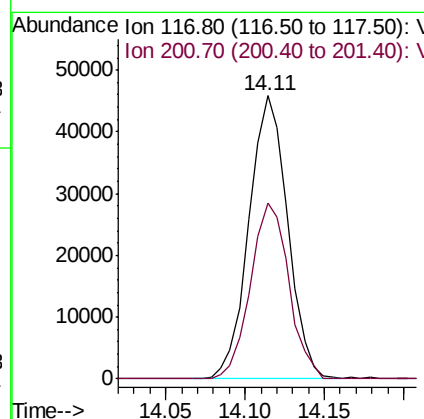
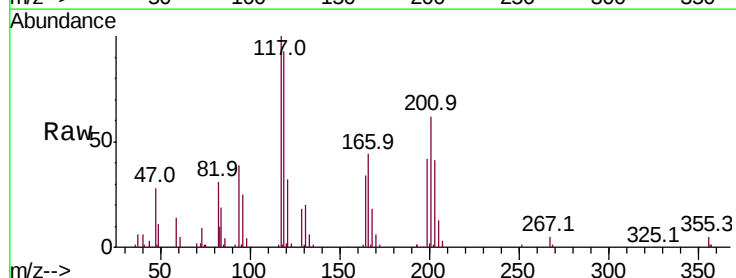
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBSD01

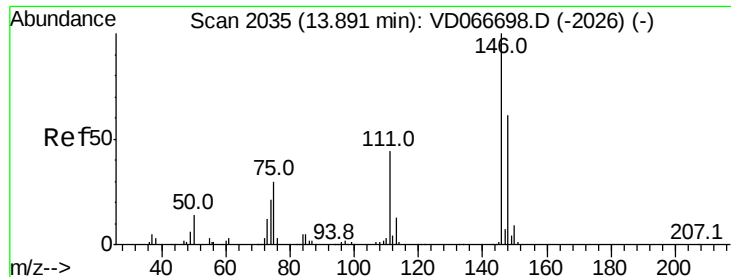
Tot Ion: 91 Resp: 350270
Ion Ratio Lower Upper
91 100
92 52.7 27.0 81.0
134 23.6 12.4 37.0



#90
Hexachloroethane
Concen: 20.132 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 117 Resp: 77764
Ion Ratio Lower Upper
117 100
201 61.9 33.1 99.3





#91

1,2-Dichlorobenzene

Concen: 19.945 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

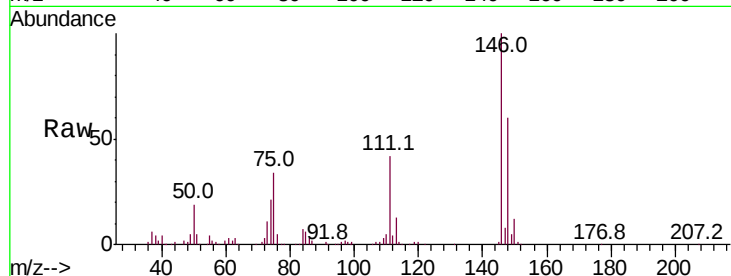
Tot Ion:146 Resp: 156444

Ion Ratio Lower Upper

146 100

111 43.2 21.6 64.6

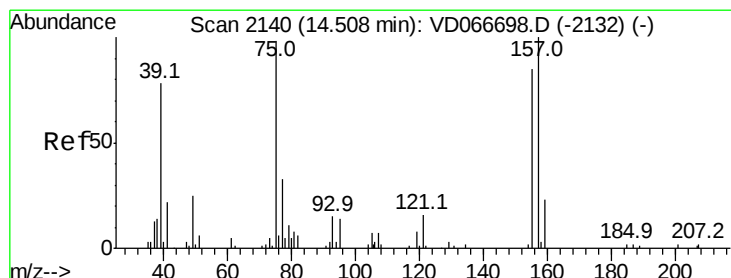
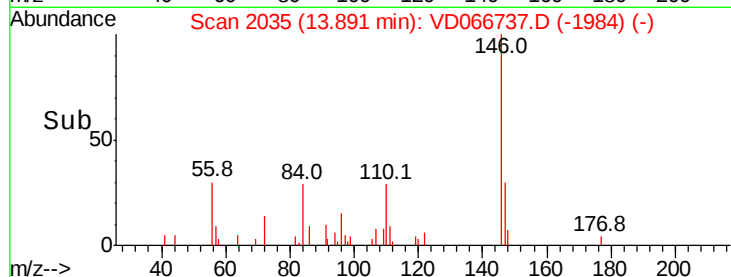
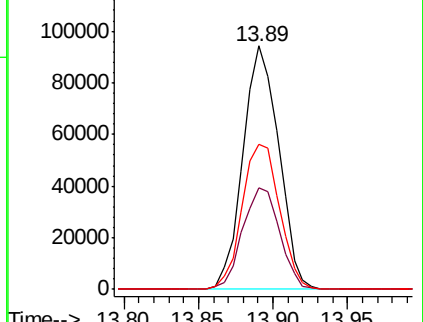
148 62.8 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.260 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VD066737.D

Acq: 17 Sep 2020 11:52

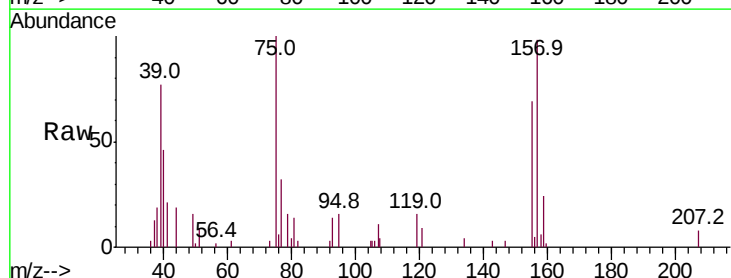
Tgt Ion: 75 Resp: 11521

Ion Ratio Lower Upper

75 100

155 70.6 38.9 116.7

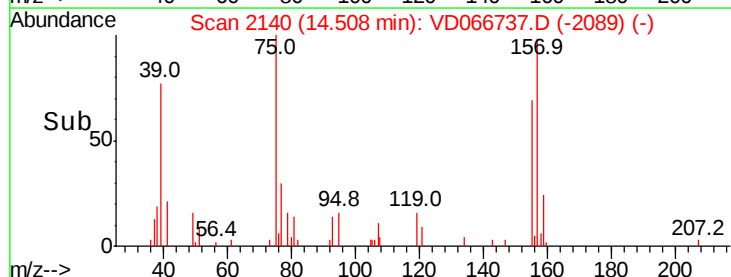
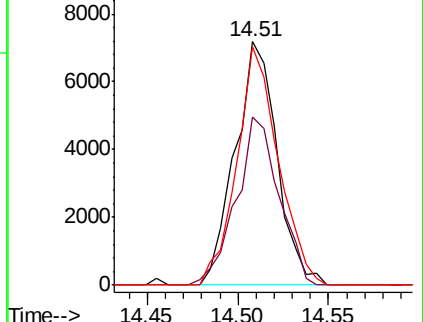
157 97.2 46.4 139.2

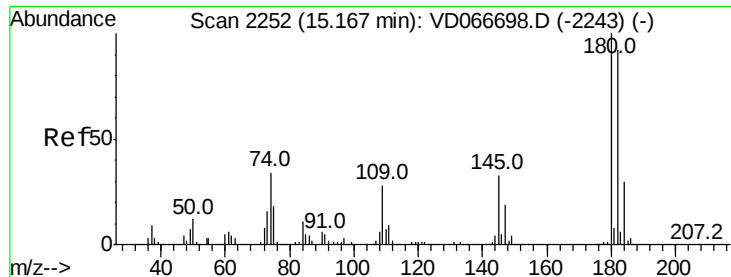


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

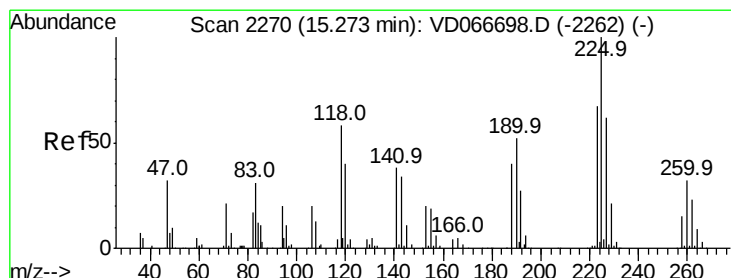
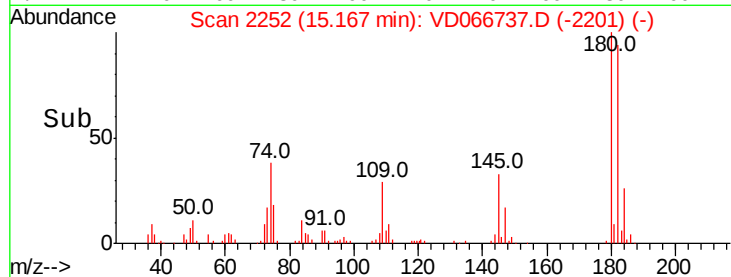
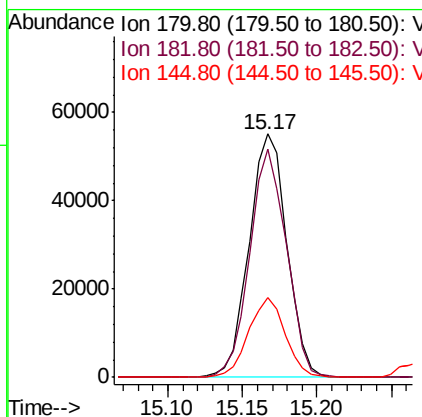
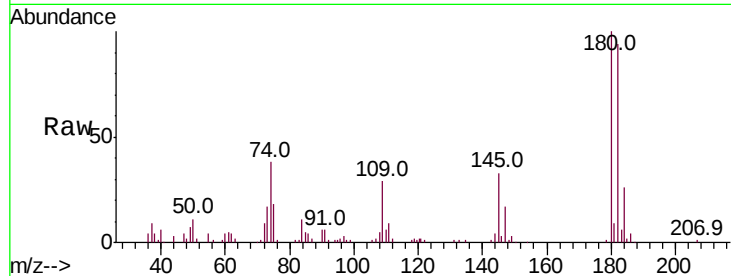




#93
 1,2,4-Trichlorobenzene
 Concen: 20.255 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

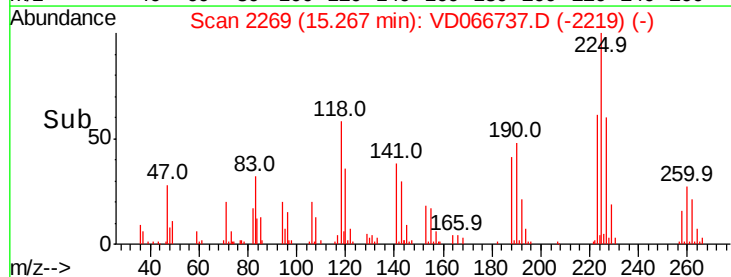
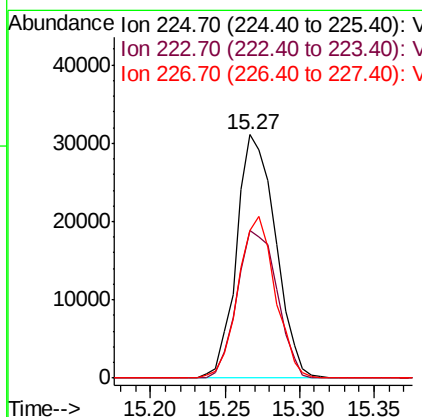
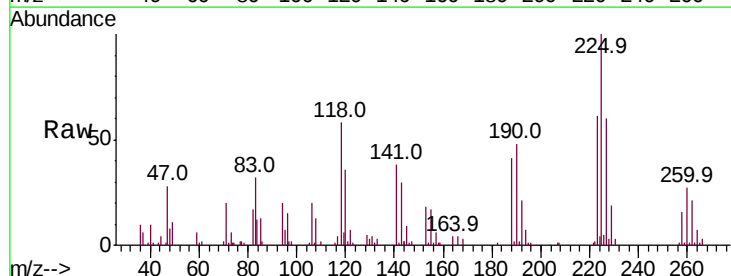
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBSD01

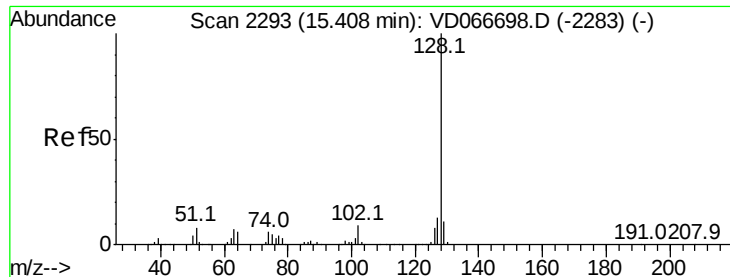
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.2	46.6	139.7
145	31.8	16.5	49.5



#94
 Hexachlorobutadiene
 Concen: 19.665 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066737.D
 Acq: 17 Sep 2020 11:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.9	95.9
227	63.1	31.3	93.9

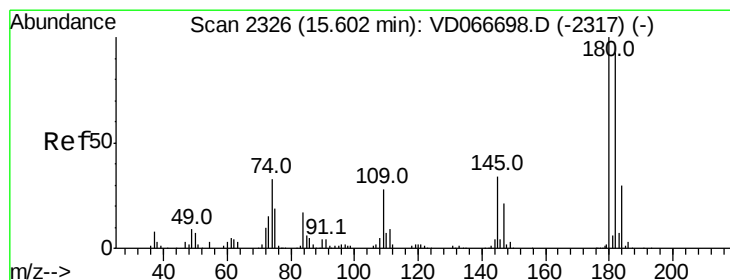
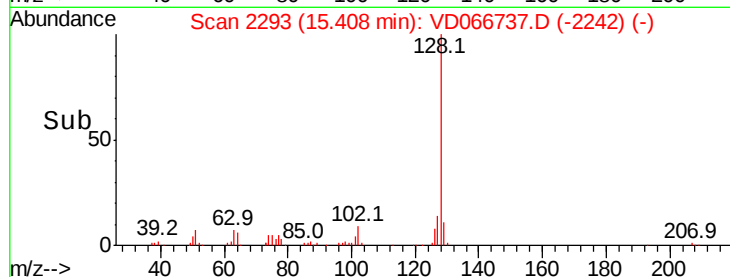
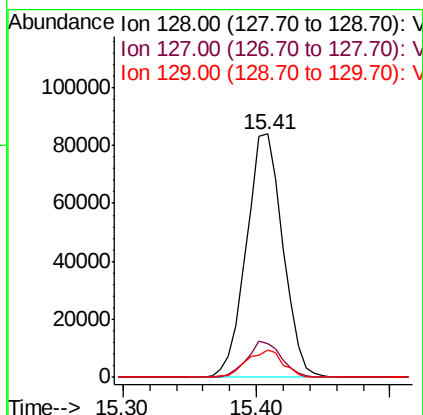
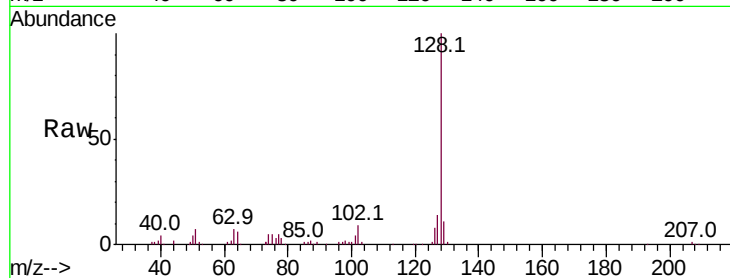




#95
Naphthalene
Concen: 19.100 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBSD01

Tot Ion:128 Resp: 158320
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.640 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066737.D
Acq: 17 Sep 2020 11:52

Tgt Ion:180 Resp: 81385
Ion Ratio Lower Upper
180 100
182 99.0 46.6 139.8
145 34.7 17.1 51.3

