

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066782.D
 Acq On : 21 Sep 2020 14:59
 Operator : VA/SY
 Sample : VD0921SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Quant Time: Sep 22 00:54:08 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	416205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	695002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	633538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292834	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	215825	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.91	113	213673	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.34	98	764381	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.63	95	264936	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	72592	20.799	ug/l 94
3) Chloromethane	2.21	50	82343	18.181	ug/l 95
4) Vinyl Chloride	2.35	62	82454	17.395	ug/l # 87
5) Bromomethane	2.76	94	59351	17.651	ug/l 96
6) Chloroethane	2.92	64	49776	16.856	ug/l 91
7) Trichlorofluoromethane	3.27	101	156426	19.106	ug/l 99
8) Diethyl Ether	3.70	74	40019	19.520	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	84995	18.890	ug/l 96
10) Methyl Iodide	4.30	142	86351	20.227	ug/l 100
11) Tert butyl alcohol	5.21	59	25575	27.680	ug/l # 93
12) 1,1-Dichloroethene	4.07	96	79115	18.997	ug/l 90
13) Acrolein	3.93	56	25606	81.759	ug/l 99
14) Allyl chloride	4.71	41	123727	18.499	ug/l 97
15) Acrylonitrile	5.42	53	86397	96.199	ug/l 99
16) Acetone	4.16	43	75404	83.385	ug/l 98
17) Carbon Disulfide	4.41	76	258238	19.733	ug/l 98
18) Methyl Acetate	4.71	43	41587	19.335	ug/l 95
19) Methyl tert-butyl Ether	5.47	73	184851	19.928	ug/l 96
20) Methylene Chloride	4.97	84	110364	17.991	ug/l # 92
21) trans-1,2-Dichloroethene	5.47	96	95575	19.698	ug/l 95
22) Diisopropyl ether	6.36	45	262744	19.334	ug/l 96
23) Vinyl Acetate	6.30	43	626164	82.834	ug/l 97
24) 1,1-Dichloroethane	6.26	63	168364	19.523	ug/l 98
25) 2-Butanone	7.21	43	100010	84.933	ug/l 93
26) 2,2-Dichloropropane	7.20	77	146712	18.398	ug/l 98
27) cis-1,2-Dichloroethene	7.21	96	103014	19.407	ug/l 95
28) Bromochloromethane	7.55	49	72142	22.397	ug/l 92
29) Tetrahydrofuran	7.56	42	65615	91.076	ug/l 91
30) Chloroform	7.71	83	180733	19.692	ug/l 100
31) Cyclohexane	7.98	56	145184	18.509	ug/l 94
32) 1,1,1-Trichloroethane	7.90	97	159240	18.960	ug/l 99
36) 1,1-Dichloropropene	8.11	75	130360	18.243	ug/l 98
37) Ethyl Acetate	7.28	43	46788	17.296	ug/l # 96
38) Carbon Tetrachloride	8.09	117	139583	18.395	ug/l 92

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	153302	18.756	ug/l	95
40) Benzene	8.35	78	378659	19.587	ug/l	97
41) Methacrylonitrile	7.56	41	69683	48.657	ug/l #	17
42) 1,2-Dichloroethane	8.43	62	114074	19.047	ug/l	98
43) Isopropyl Acetate	8.45	43	92367	18.141	ug/l	97
44) Trichloroethene	9.11	130	105879	20.484	ug/l	93
45) 1,2-Dichloropropane	9.38	63	94611	19.797	ug/l	96
46) Dibromomethane	9.47	93	51600	19.648	ug/l	99
47) Bromodichloromethane	9.66	83	139036	19.429	ug/l	98
48) Methyl methacrylate	9.46	41	43720	16.881	ug/l #	82
49) 1,4-Dioxane	9.46	88	12150	431.902	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	236132	90.080	ug/l	99
52) Toluene	10.40	92	243744	19.682	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	116428	18.213	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	138429	18.231	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	68741	19.853	ug/l	89
56) Ethyl methacrylate	10.66	69	74721	19.016	ug/l	94
57) 1,3-Dichloropropane	10.94	76	116421	19.159	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	207385	120.174	ug/l	95
59) 2-Hexanone	10.98	43	156984	89.128	ug/l	99
60) Dibromochloromethane	11.13	129	90072	19.964	ug/l	99
61) 1,2-Dibromoethane	11.24	107	66694	20.080	ug/l	99
64) Tetrachloroethene	10.87	164	87803	20.302	ug/l	96
65) Chlorobenzene	11.67	112	250251	19.078	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	96413	19.921	ug/l	97
67) Ethyl Benzene	11.74	91	443419	18.663	ug/l	99
68) m/p-Xylenes	11.85	106	343982	38.307	ug/l	98
69) o-Xylene	12.18	106	152424	19.208	ug/l	97
70) Styrene	12.19	104	274603	19.662	ug/l	99
71) Bromoform	12.36	173	47713	19.645	ug/l #	98
73) Isopropylbenzene	12.48	105	420763	19.247	ug/l	100
74) N-amyl acetate	12.28	43	80231	17.398	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	72693	19.569	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	93878	37.453	ug/l #	100
77) Bromobenzene	12.76	156	99430	19.734	ug/l	97
78) n-propylbenzene	12.82	91	502179	18.844	ug/l	99
79) 2-Chlorotoluene	12.91	91	289450	19.209	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	352738	19.084	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	17722	15.259	ug/l	92
82) 4-Chlorotoluene	13.01	91	315487	19.801	ug/l	100
83) tert-Butylbenzene	13.23	119	288001	18.904	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	358237	19.393	ug/l	97
85) sec-Butylbenzene	13.40	105	412526	18.888	ug/l	100
86) p-Isopropyltoluene	13.52	119	382704	19.274	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	194922	20.165	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	186215	19.345	ug/l	99
89) n-Butylbenzene	13.84	91	352626	18.677	ug/l	98
90) Hexachloroethane	14.11	117	74517	18.269	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	164541	19.865	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11715	19.509	ug/l	94

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Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

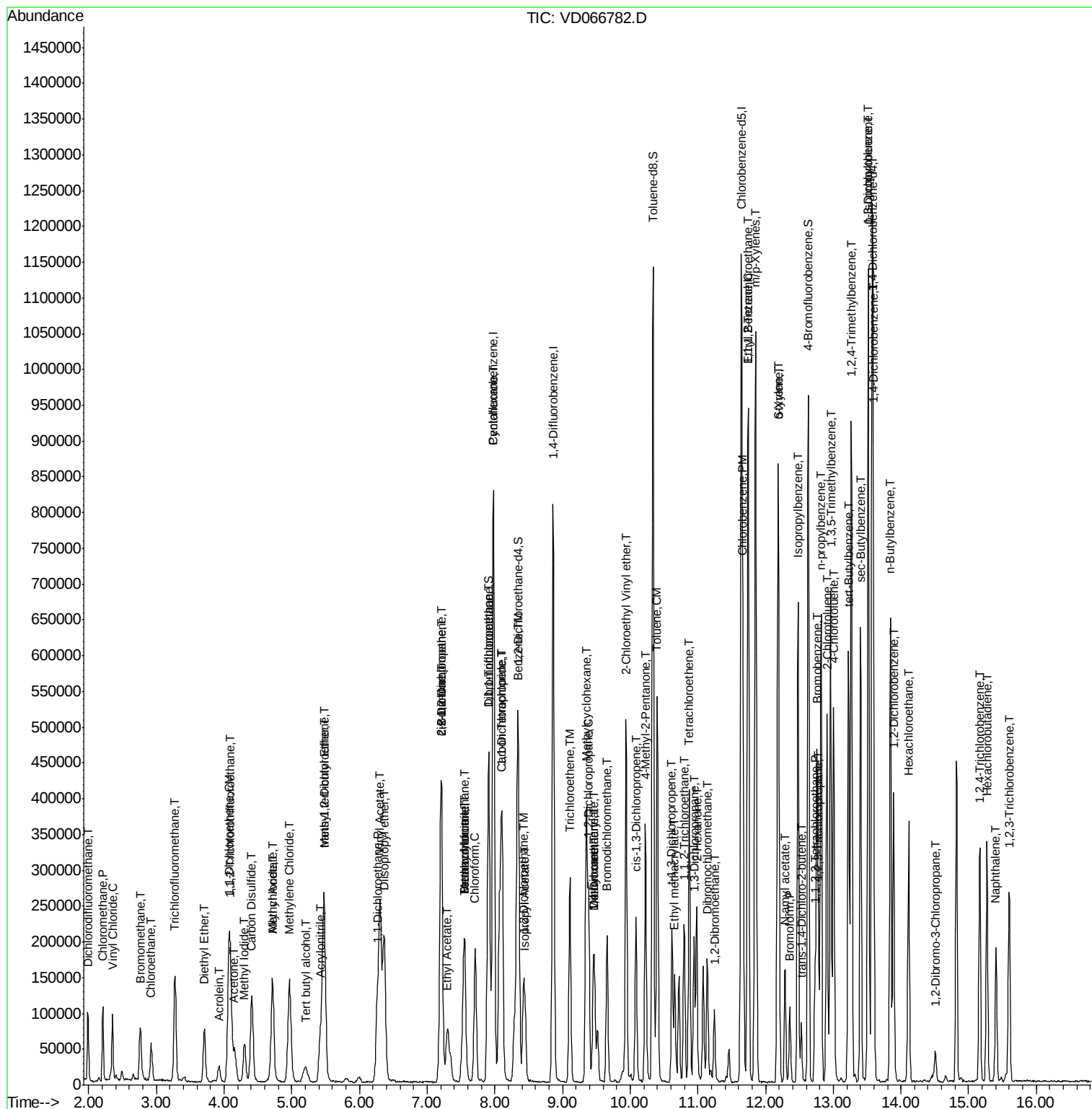
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	102795	20.519	ug/l	98
94) Hexachlorobutadiene	15.27	225	57802	19.151	ug/l	95
95) Naphthalene	15.40	128	166174	18.985	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	86878	19.855	ug/l	99

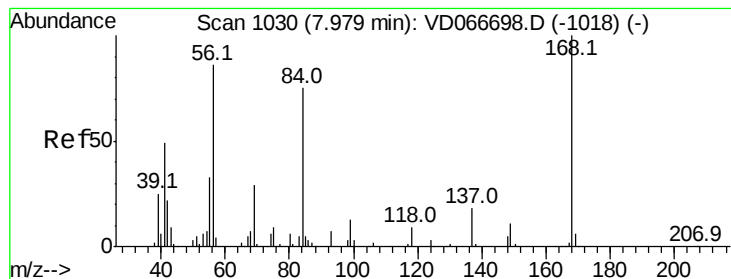
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066782.D
 Acq On : 21 Sep 2020 14:59
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

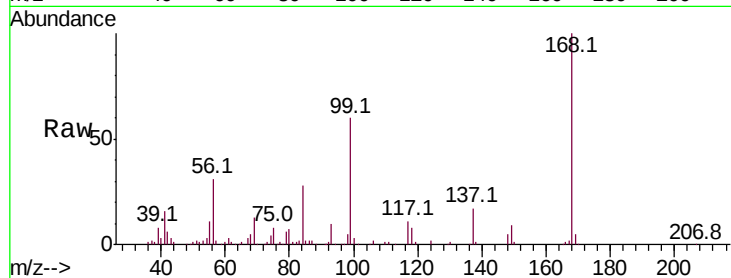
VD0921SBS01

Tot Ion:168 Resp: 416205

Ion Ratio Lower Upper

168 100

99 59.4 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

200000

150000

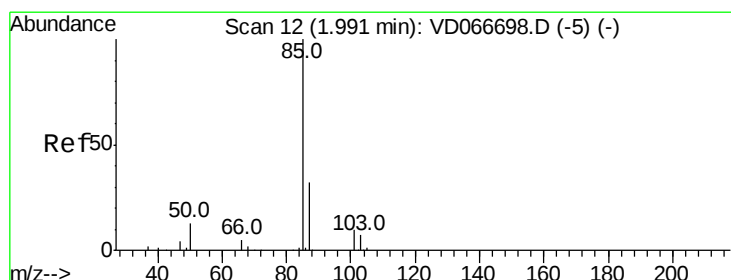
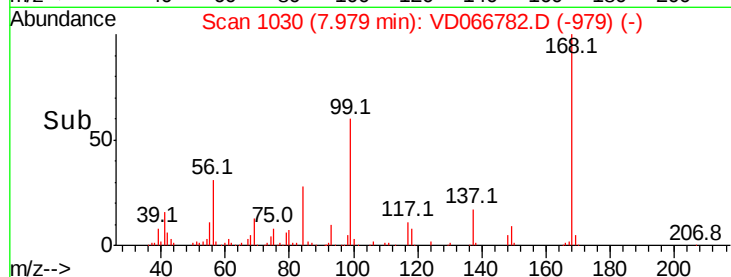
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.799 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066782.D

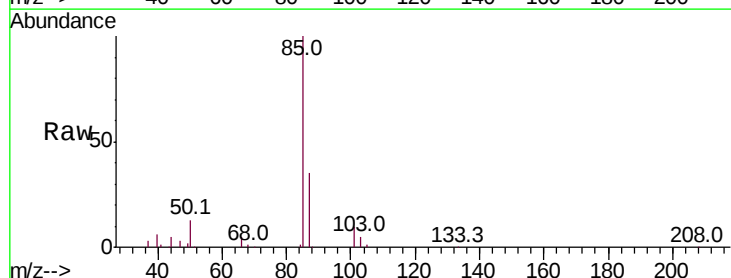
Acq: 21 Sep 2020 14:59

Tgt Ion: 85 Resp: 72592

Ion Ratio Lower Upper

85 100

87 35.2 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

30000

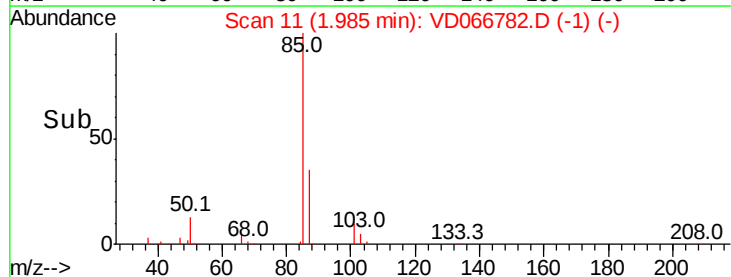
20000

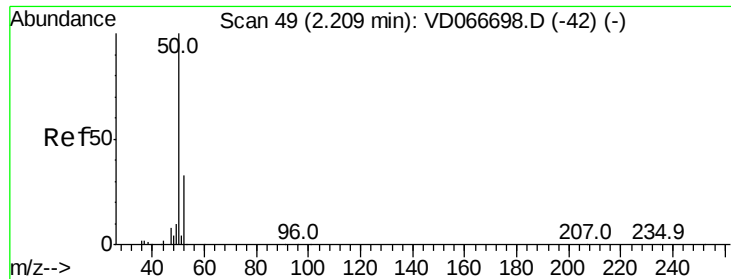
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 18.181 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

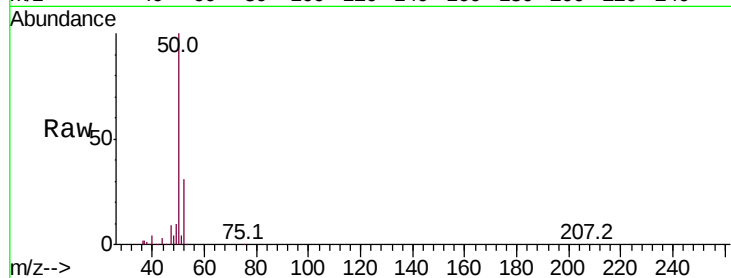
VD0921SBS01

Tot Ion: 50 Resp: 82343

Ion Ratio Lower Upper

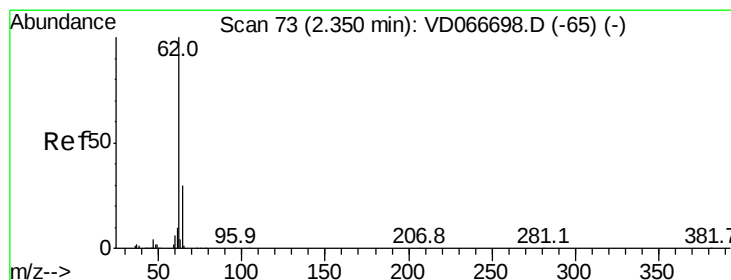
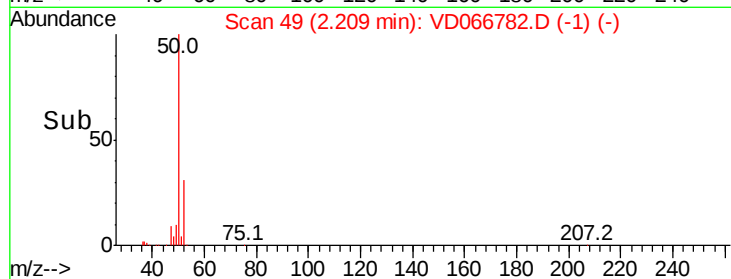
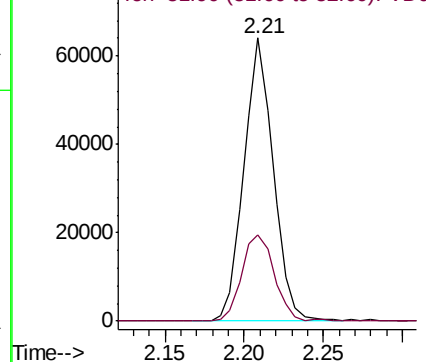
50 100

52 30.6 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: 17.395 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066782.D

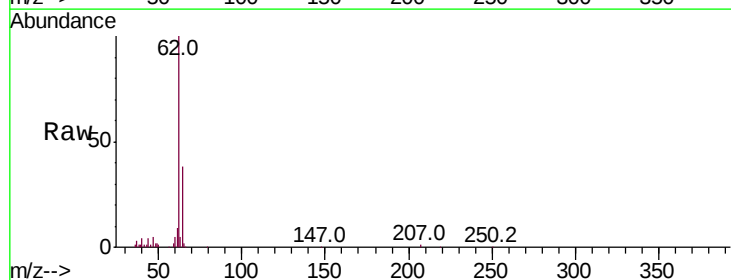
Acq: 21 Sep 2020 14:59

Tgt Ion: 62 Resp: 82454

Ion Ratio Lower Upper

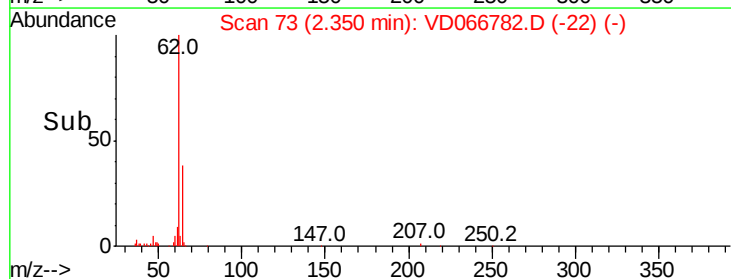
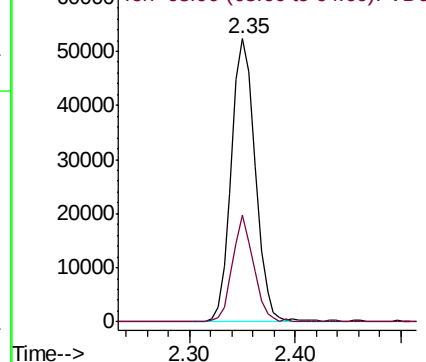
62 100

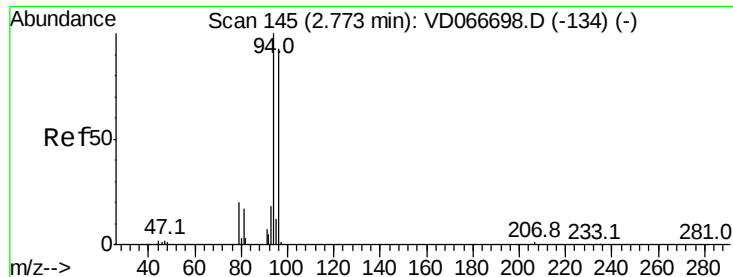
64 37.8 24.4 36.6#



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 17.651 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

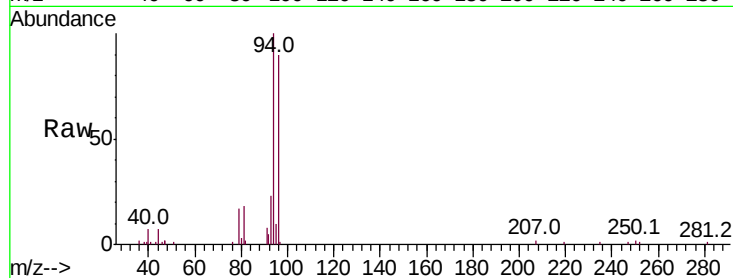
VD0921SBS01

Tot Ion: 94 Resp: 59351

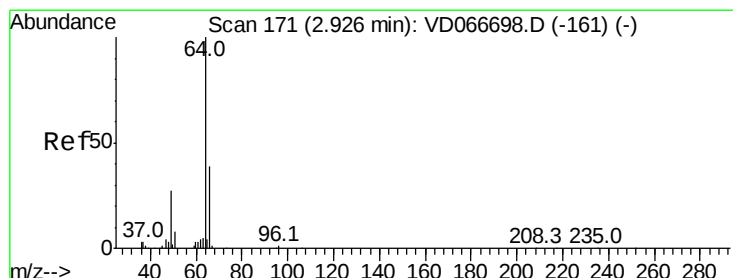
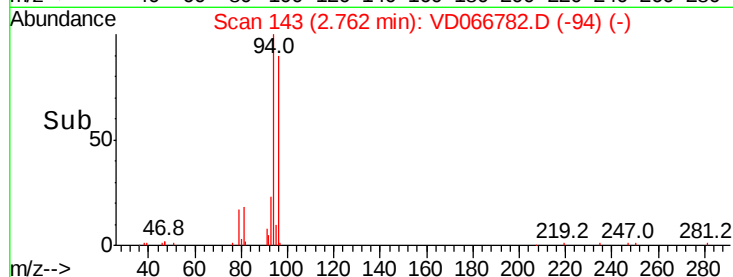
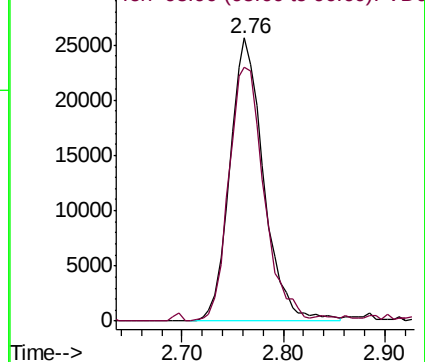
Ion Ratio Lower Upper

94 100

96 89.8 74.7 112.1



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



#6

Chloroethane

Concen: 16.856 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD066782.D

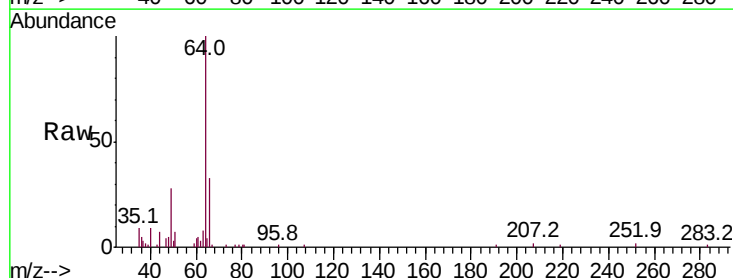
Acq: 21 Sep 2020 14:59

Tgt Ion: 64 Resp: 49776

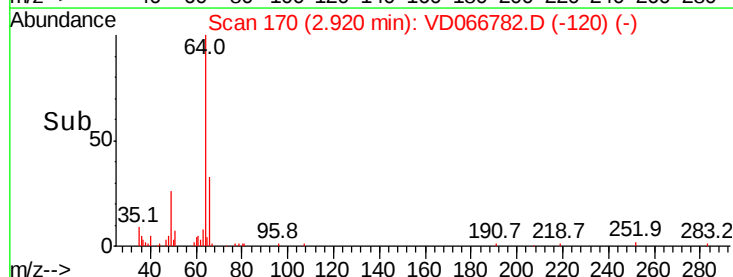
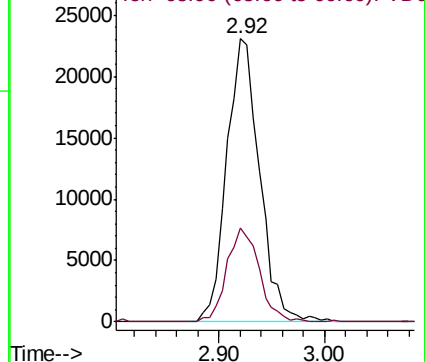
Ion Ratio Lower Upper

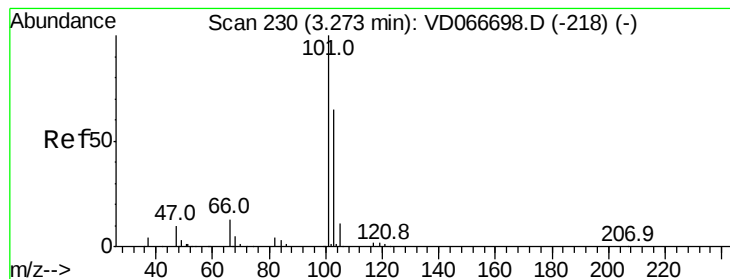
64 100

66 33.1 30.9 46.3



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



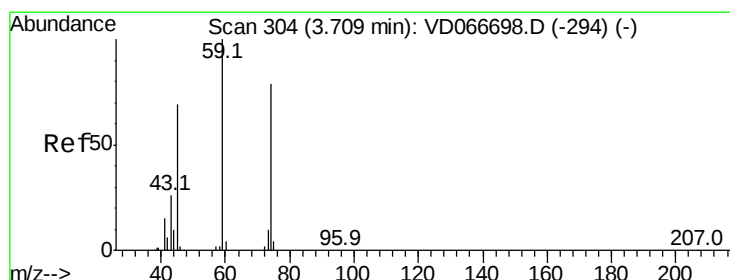
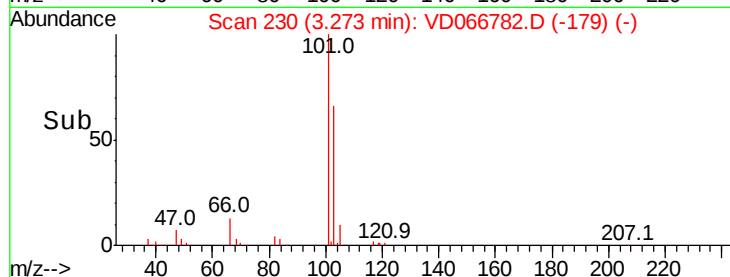
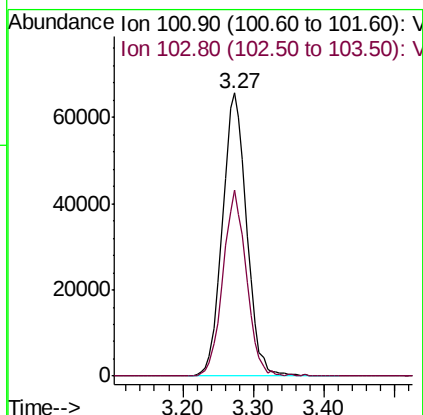
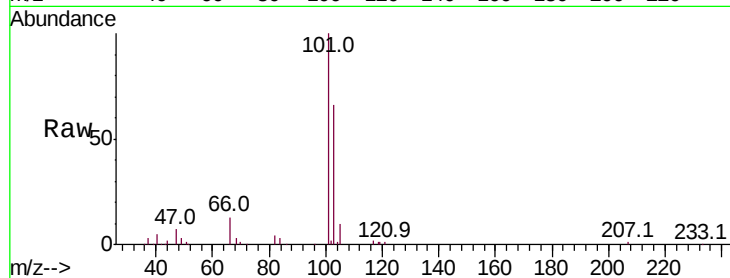


#7

Trichlorofluoromethane
 Concen: 19.106 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

Instrument :
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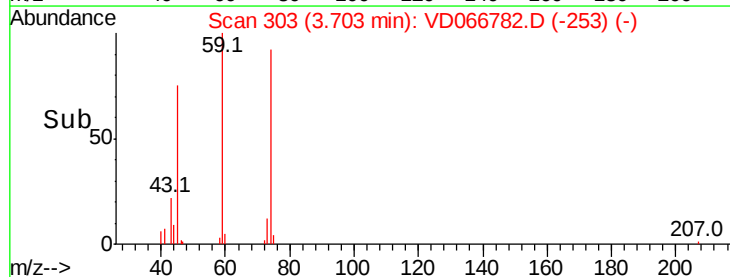
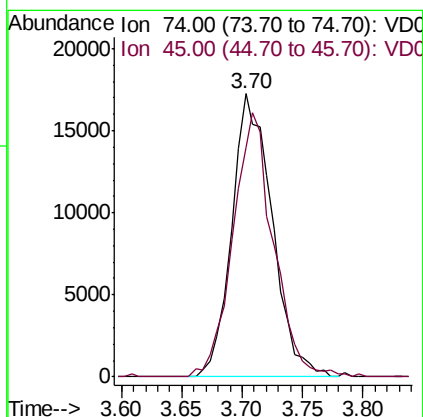
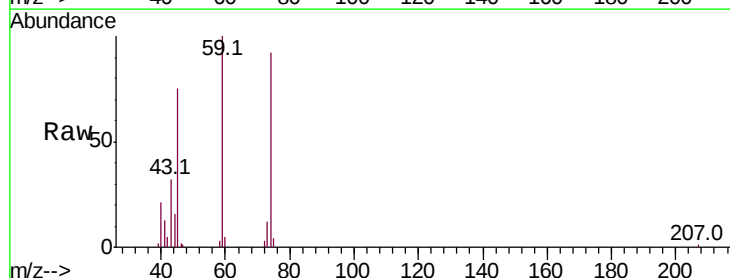
Tot Ion:101 Resp: 156426
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.8 77.8

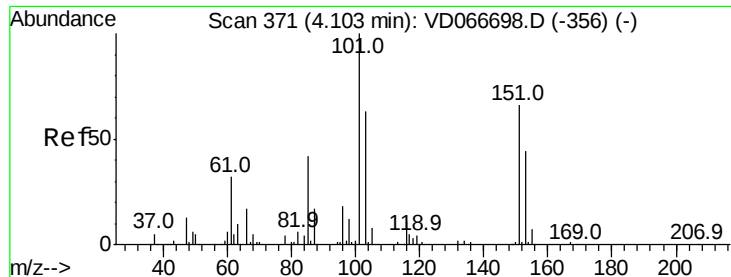


#8

Diethyl Ether
 Concen: 19.520 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

Tgt Ion: 74 Resp: 40019
 Ion Ratio Lower Upper
 74 100
 45 94.3 48.0 144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.890 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

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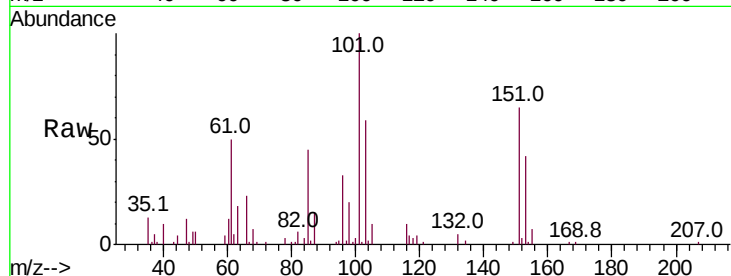
Tot Ion:101 Resp: 84995

Ion Ratio Lower Upper

101 100

85 43.9 36.3 54.5

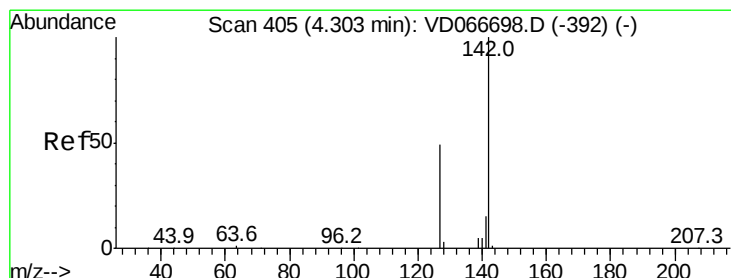
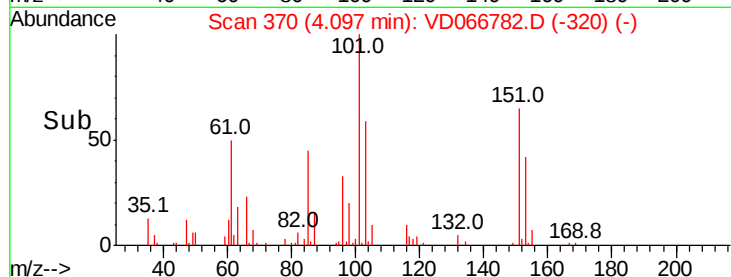
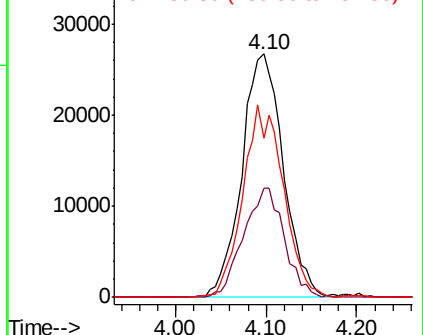
151 77.0 58.0 87.0



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: 20.227 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

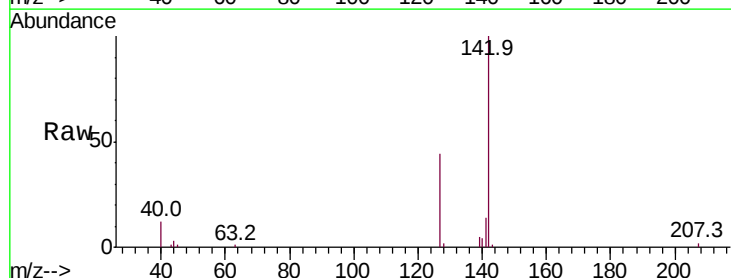
Tgt Ion:142 Resp: 86351

Ion Ratio Lower Upper

142 100

127 48.9 39.0 58.4

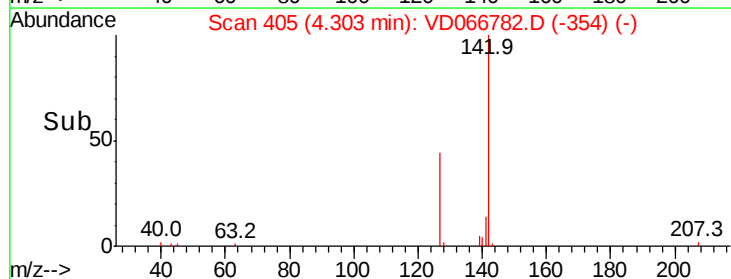
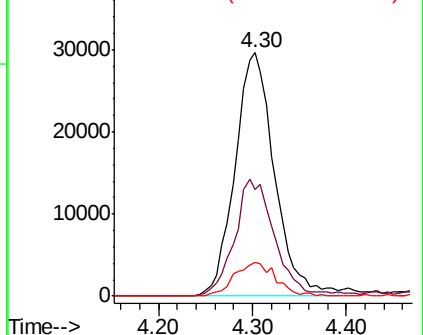
141 14.5 11.7 17.5

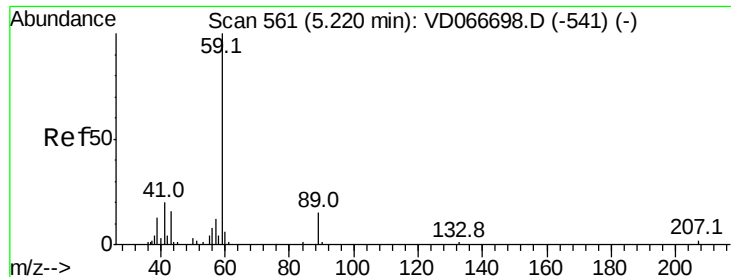


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



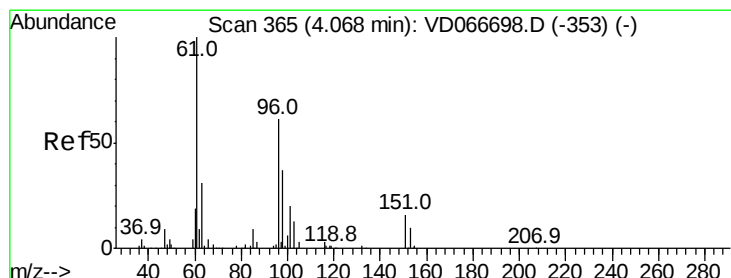
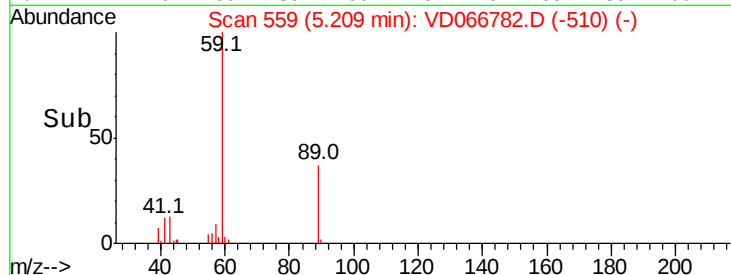
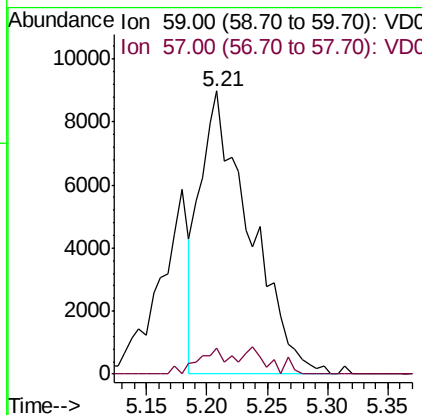
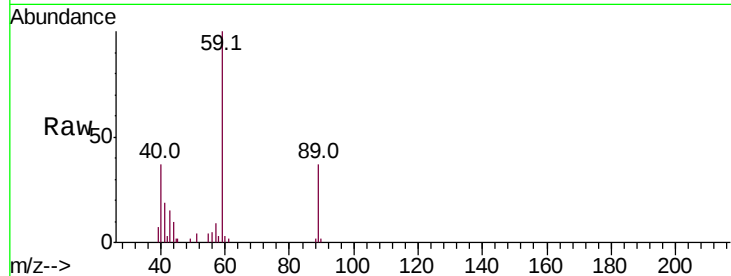


#11

Tert butyl alcohol
 Concen: 27.680 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

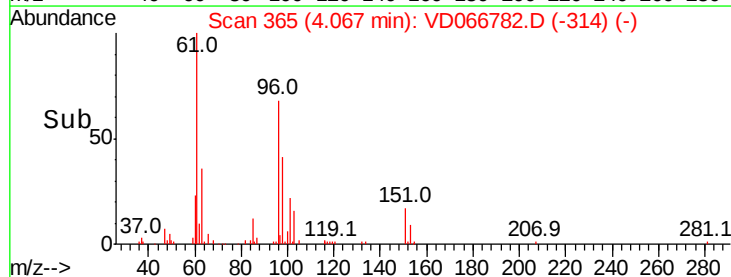
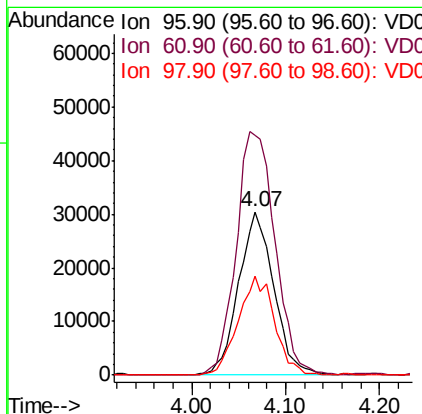
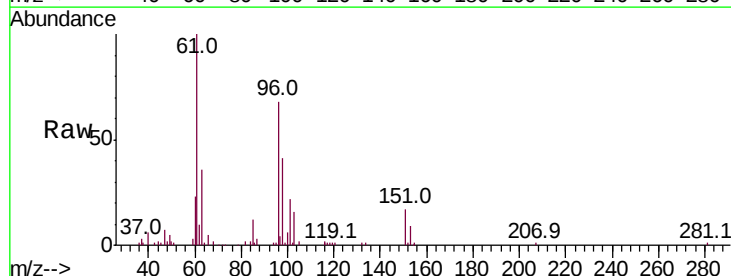
Tot Ion: 59 Resp: 25575
 Ion Ratio Lower Upper
 59 100
 57 6.0 6.7 10.1#

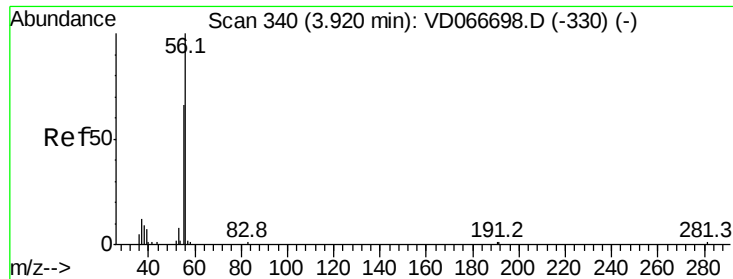


#12

1,1-Dichloroethene
 Concen: 18.997 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

Tgt Ion: 96 Resp: 79115
 Ion Ratio Lower Upper
 96 100
 61 146.6 131.9 197.9
 98 60.8 49.1 73.7





#13

Acrolein

Concen: 81.759 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

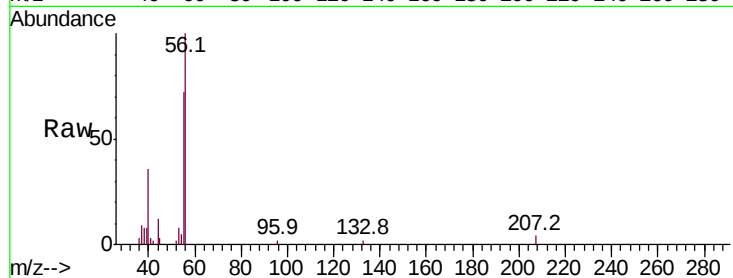
VD0921SBS01

Tot Ion: 56 Resp: 25606

Ion Ratio Lower Upper

56 100

55 69.4 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

10000

8000

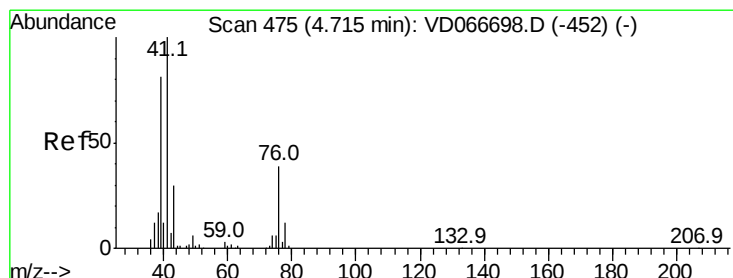
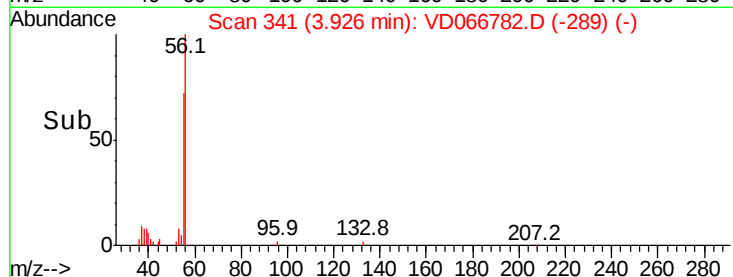
6000

4000

2000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 18.499 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

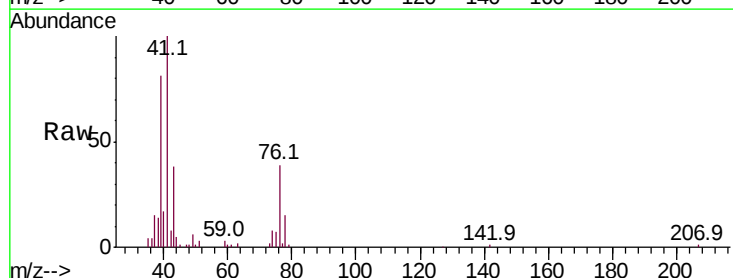
Tgt Ion: 41 Resp: 123727

Ion Ratio Lower Upper

41 100

39 74.4 60.6 90.8

76 39.3 29.2 43.8



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

50000

40000

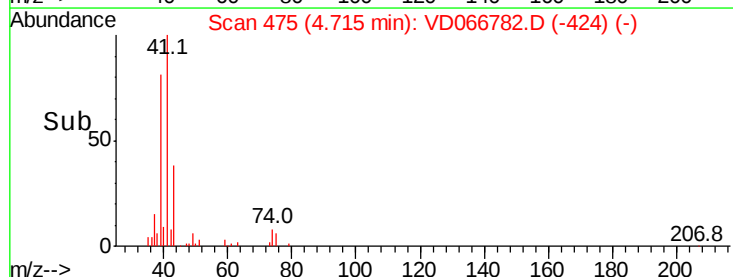
30000

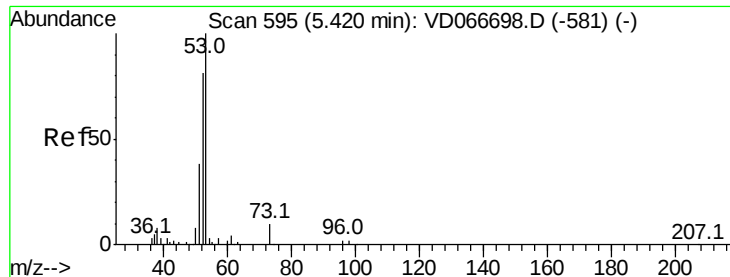
20000

10000

0

Time--> 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 96.199 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

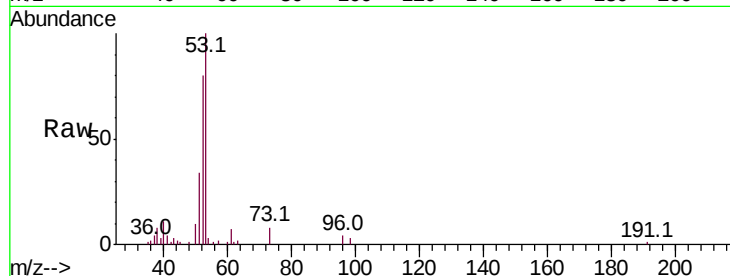
Tot Ion: 53 Resp: 86397

Ion Ratio Lower Upper

53 100

52 84.8 66.6 99.8

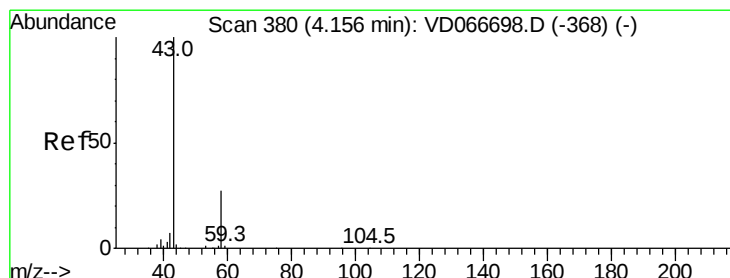
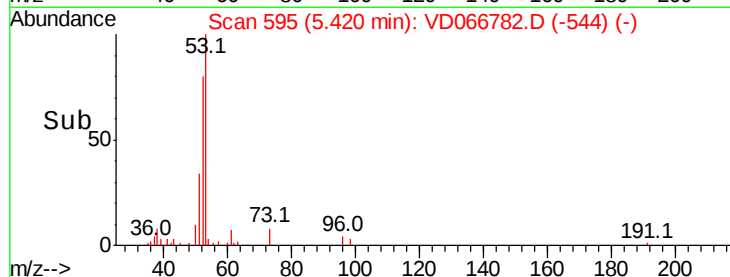
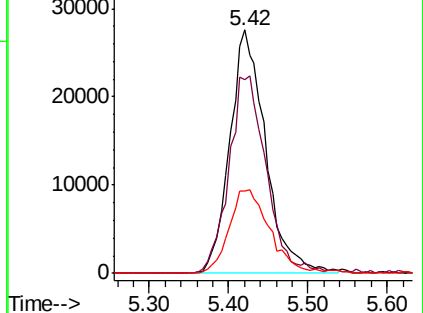
51 38.8 31.0 46.6



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 83.385 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066782.D

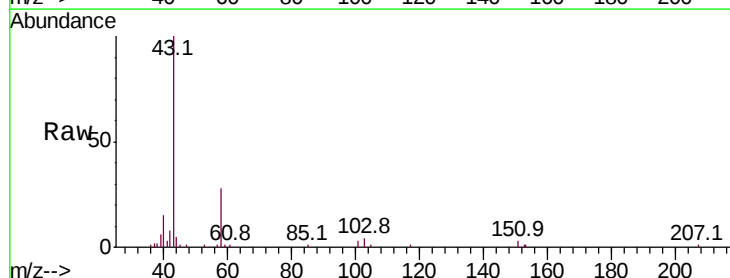
Acq: 21 Sep 2020 14:59

Tgt Ion: 43 Resp: 75404

Ion Ratio Lower Upper

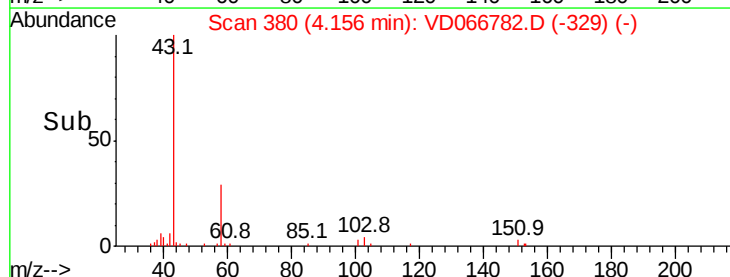
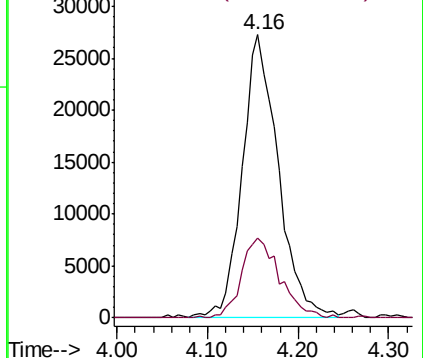
43 100

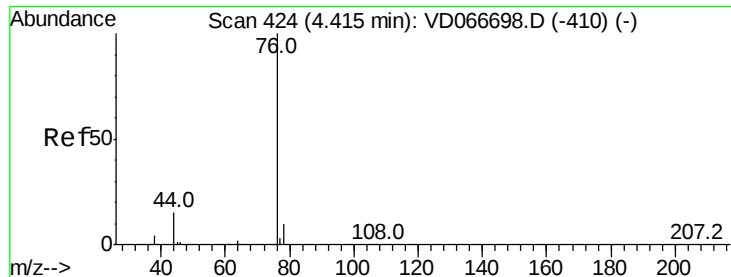
58 28.3 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

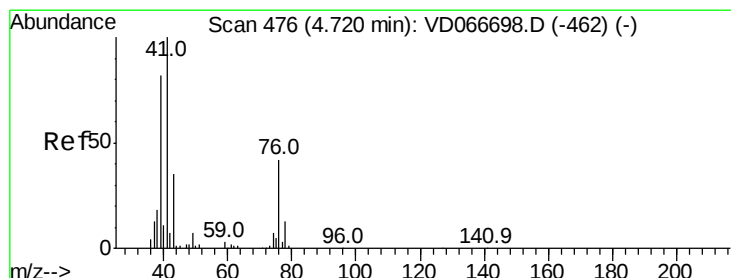
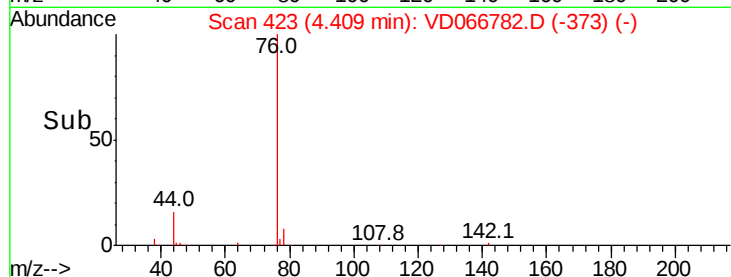
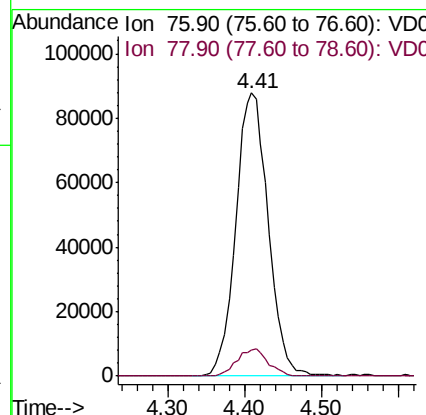
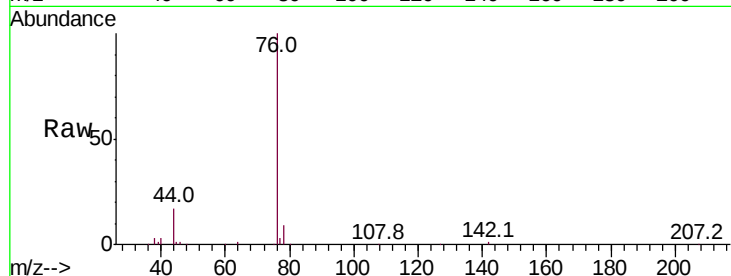




#17
Carbon Disulfide
Concen: 19.733 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

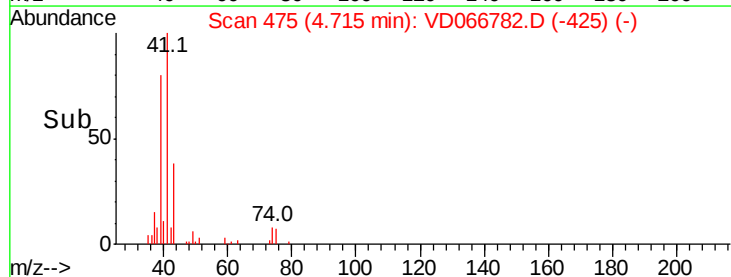
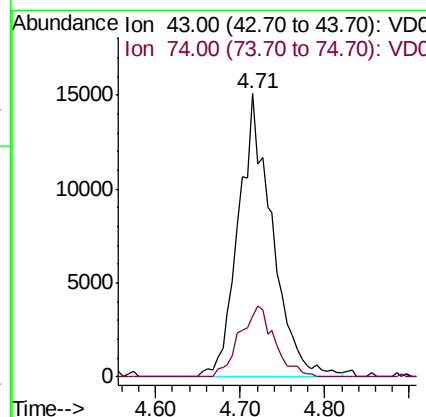
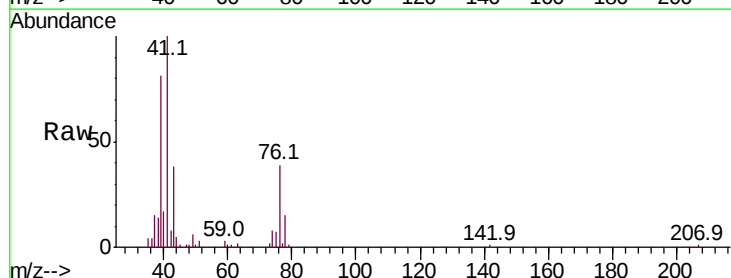
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

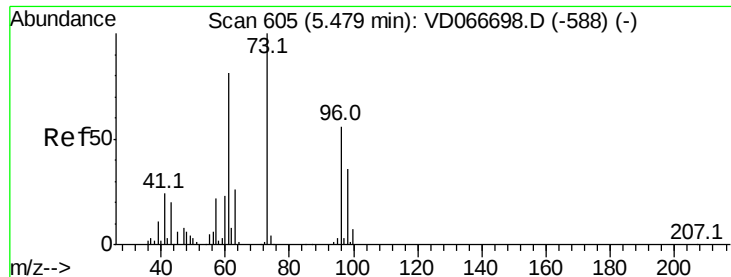
Tot Ion: 76 Resp: 258238
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0



#18
Methyl Acetate
Concen: 19.335 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion: 43 Resp: 41587
Ion Ratio Lower Upper
43 100
74 25.8 18.6 28.0

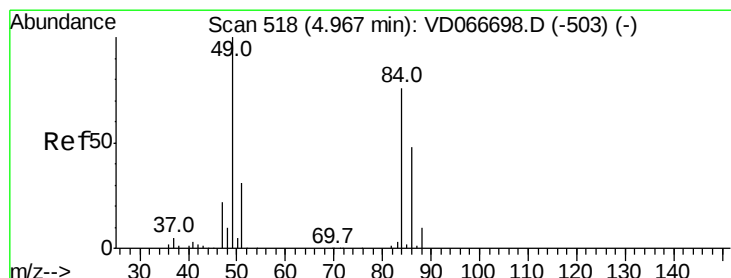
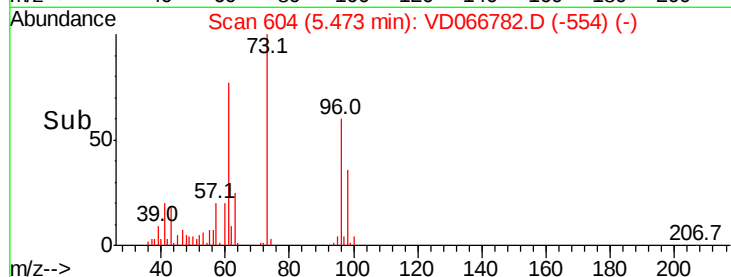
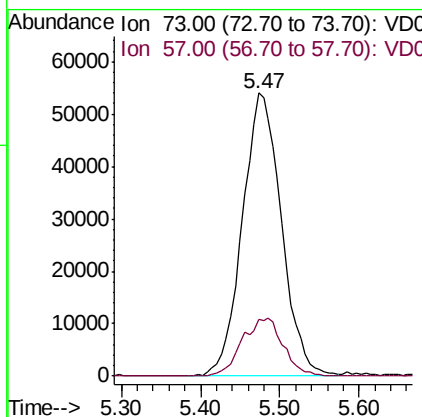
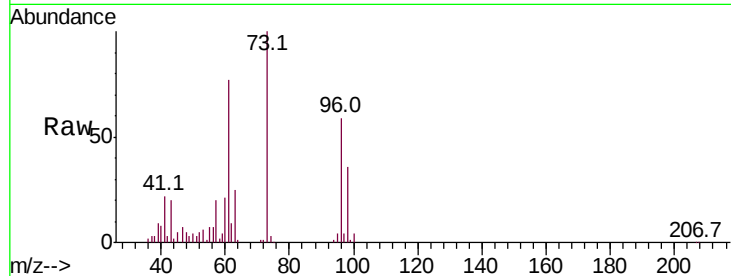




#19
Methvl tert-butvl Ether
Concen: 19.928 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

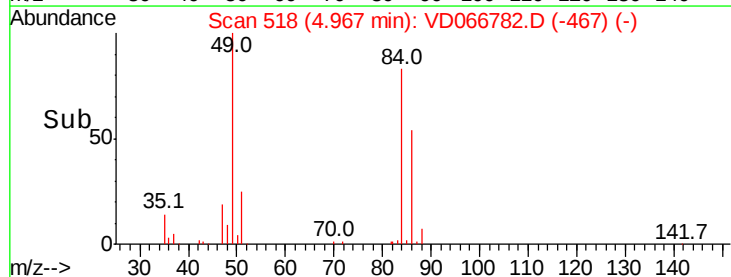
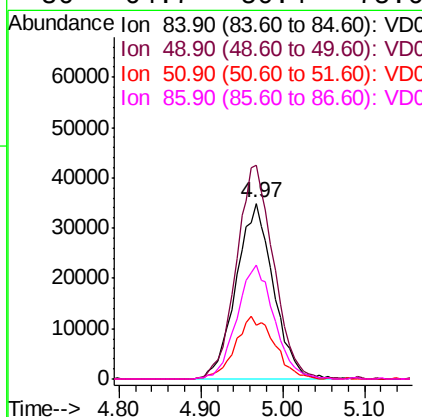
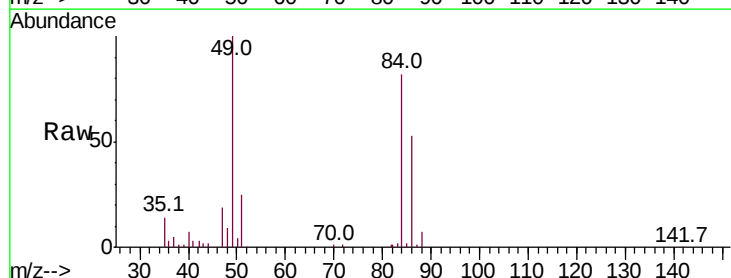
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

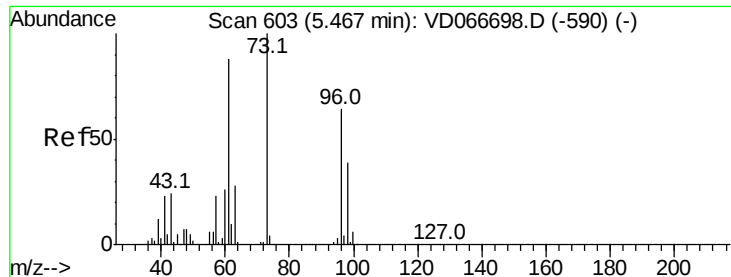
Tot Ion: 73 Resp: 184851
Ion Ratio Lower Upper
73 100
57 20.2 17.8 26.6



#20
Methylene Chloride
Concen: 17.991 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion: 84 Resp: 110364
Ion Ratio Lower Upper
84 100
49 121.5 105.0 157.6
51 30.5 32.2 48.4#
86 64.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 19.698 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

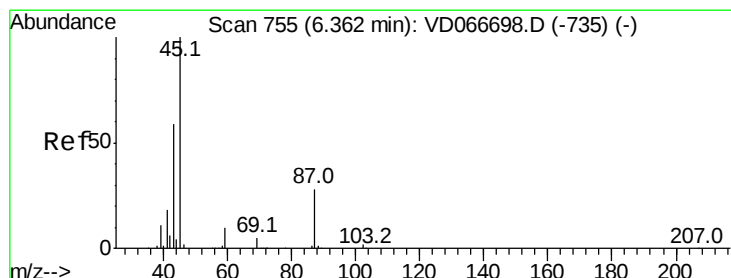
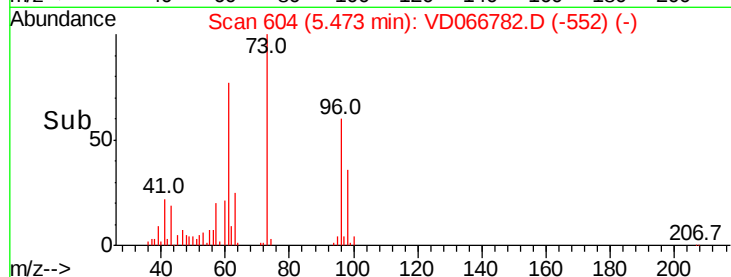
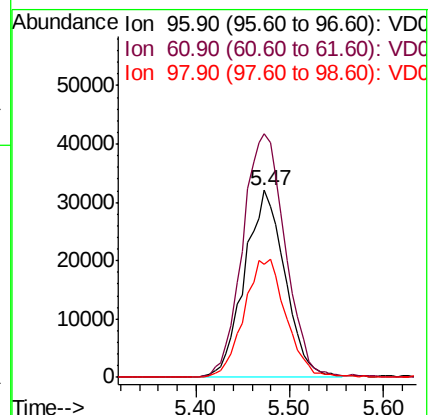
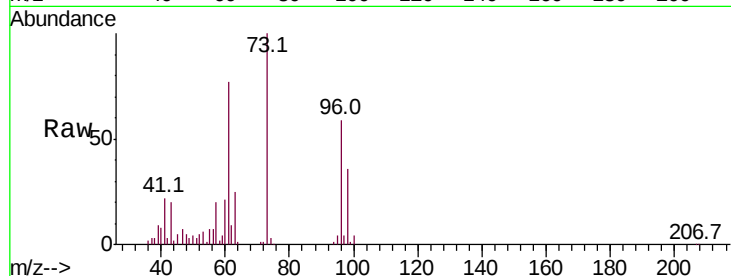
Tot Ion: 96 Resp: 95575

Ion Ratio Lower Upper

96 100

61 130.0 110.6 166.0

98 60.7 49.2 73.8



#22

Diisopropyl ether

Concen: 19.334 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Tgt Ion: 45 Resp: 262744

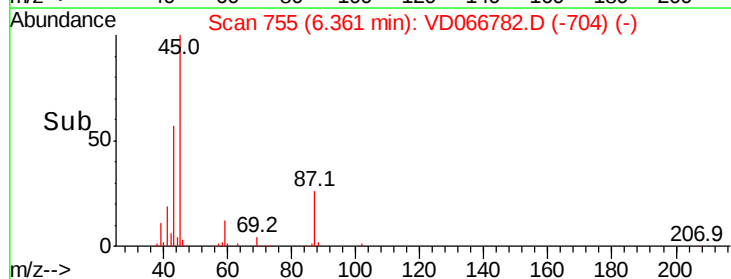
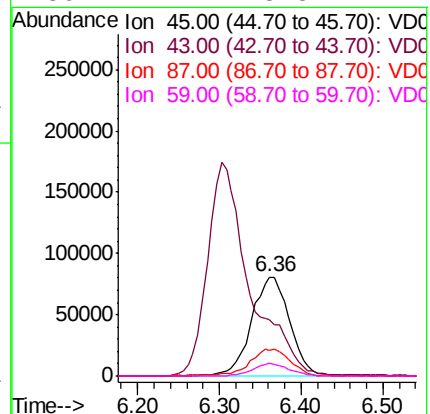
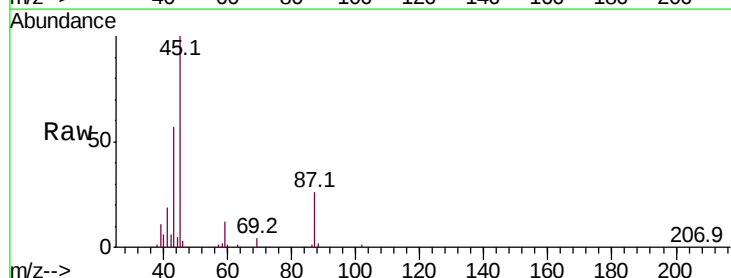
Ion Ratio Lower Upper

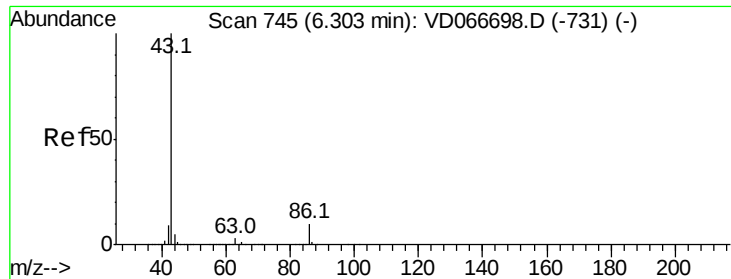
45 100

43 55.4 46.9 70.3

87 26.0 22.4 33.6

59 12.2 8.5 12.7

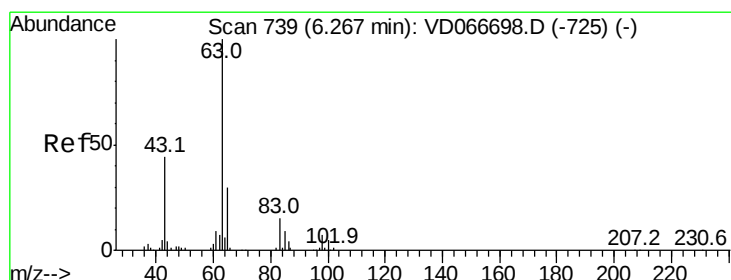
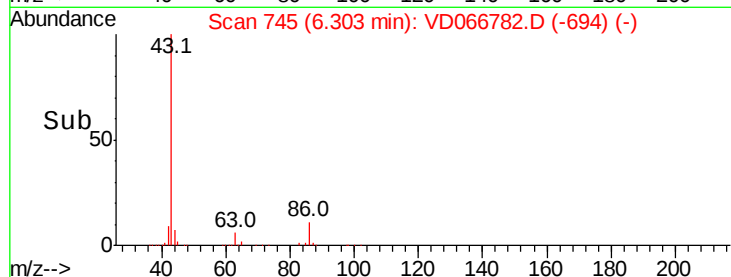
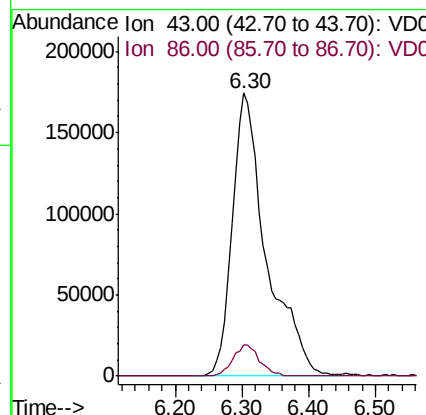
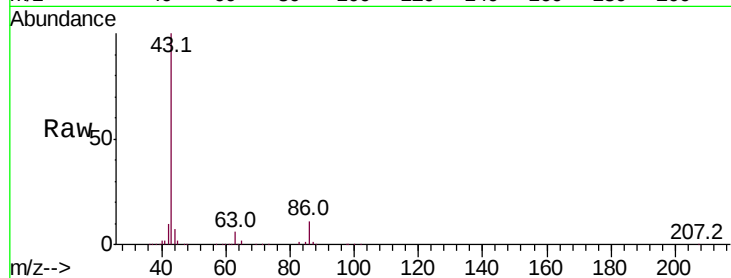




#23
 Vinyl Acetate
 Concen: 82.834 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

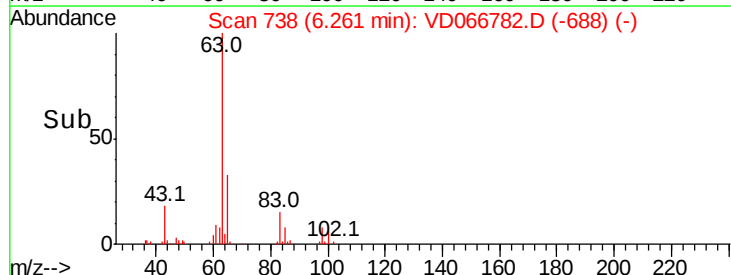
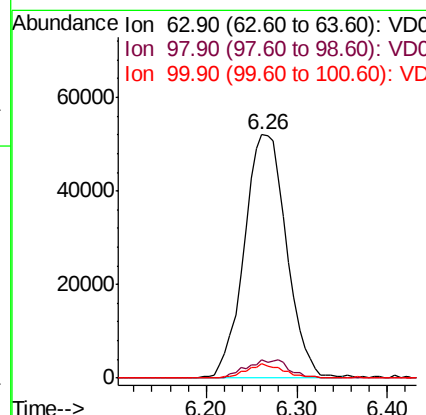
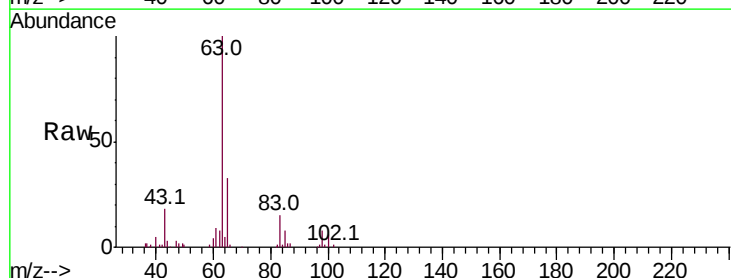
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

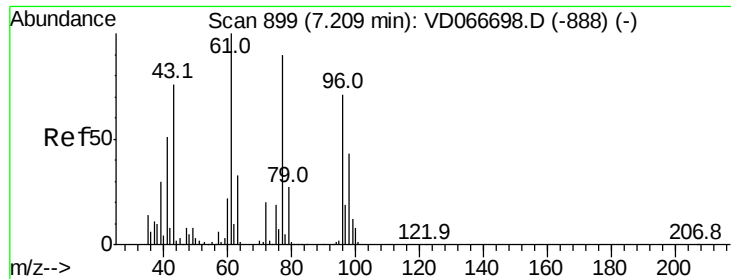
Tot Ion: 43 Resp: 626164
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.523 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

Tgt Ion: 63 Resp: 168364
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.4 10.2
 100 5.8 2.6 8.0

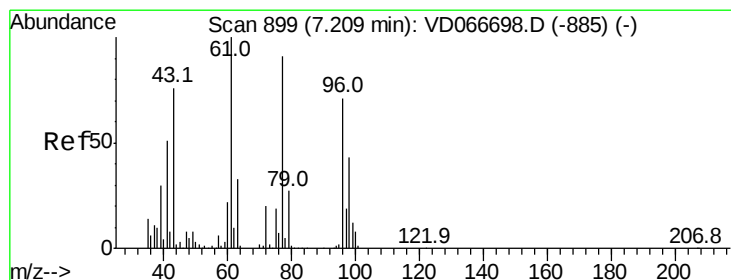
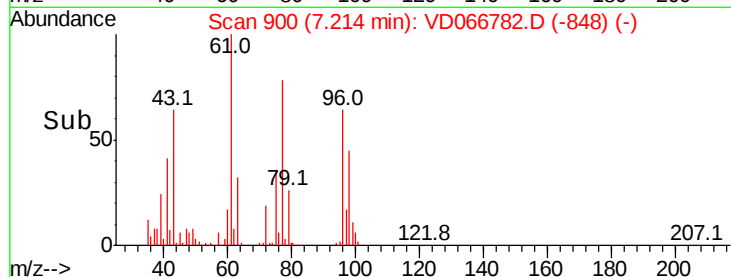
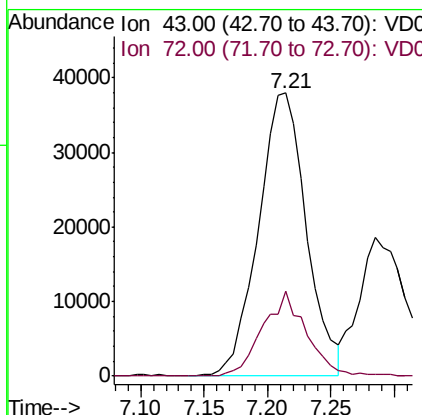
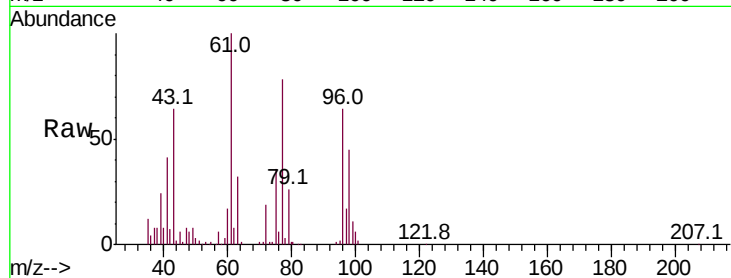




#25
 2-Butanone
 Concen: 84.933 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

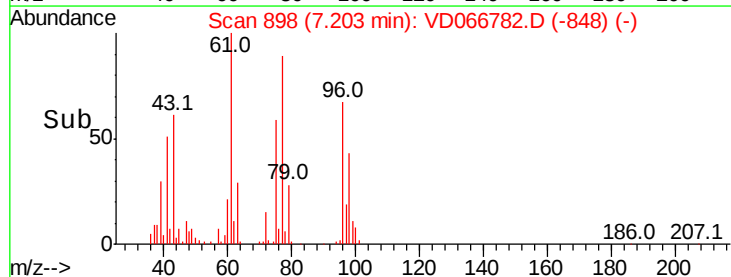
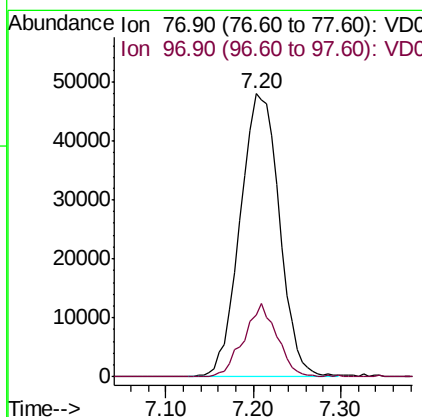
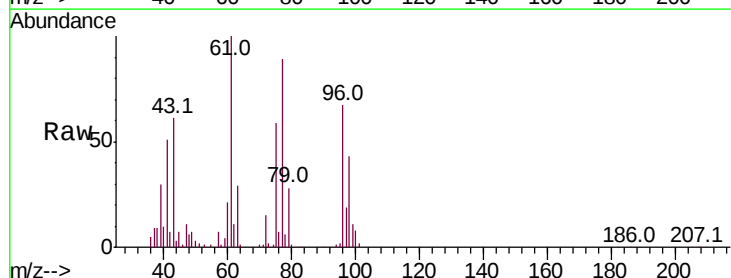
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

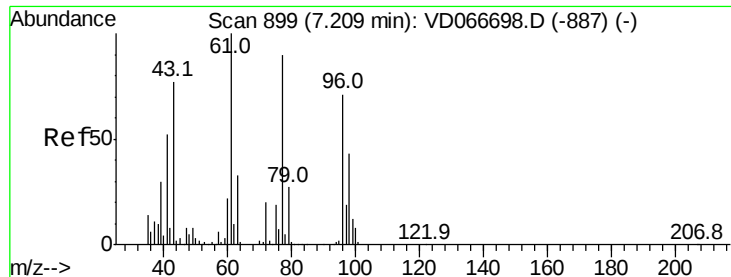
Tot Ion: 43 Resp: 100010
 Ion Ratio Lower Upper
 43 100
 72 30.0 21.0 31.4



#26
 2,2-Dichloropropane
 Concen: 18.398 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

Tgt Ion: 77 Resp: 146712
 Ion Ratio Lower Upper
 77 100
 97 21.9 10.6 31.8



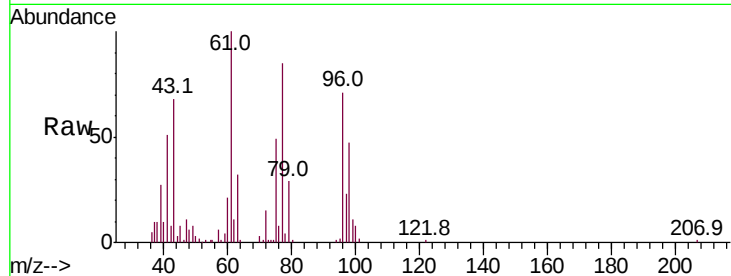


#27

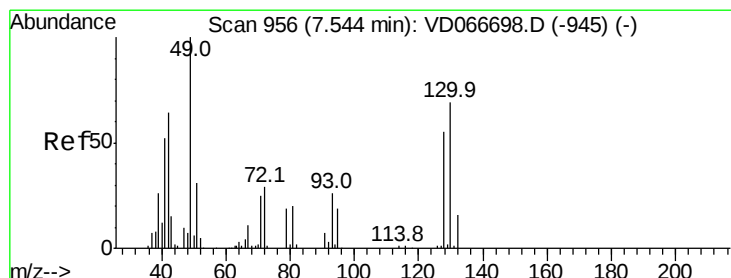
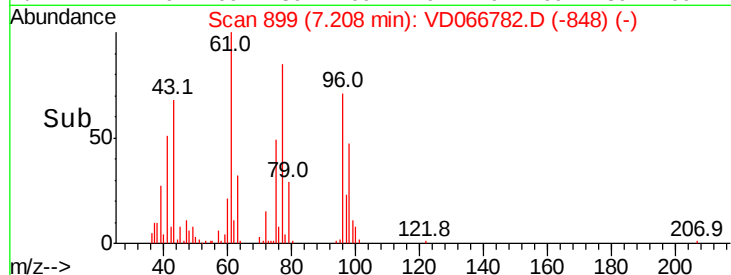
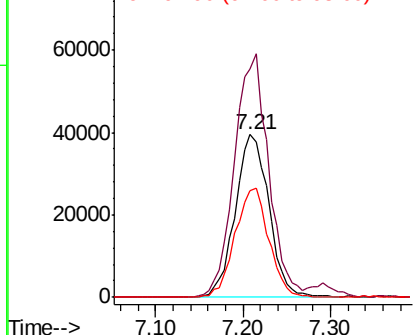
cis-1,2-Dichloroethene
Concen: 19.407 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Tot Ion: 96 Resp: 103014
Ion Ratio Lower Upper
96 100
61 151.6 0.0 292.4
98 67.3 0.0 127.0



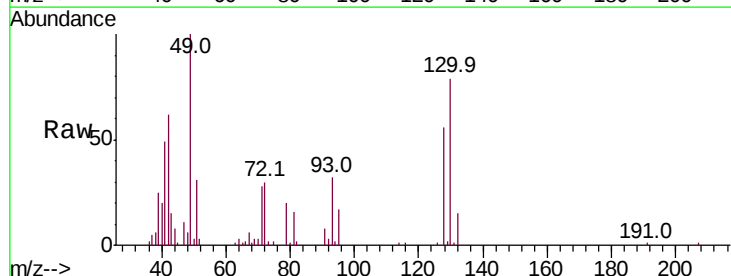
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



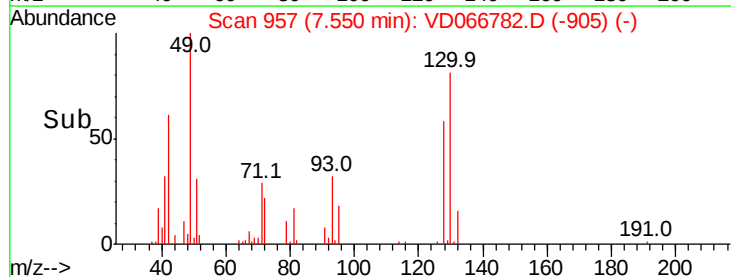
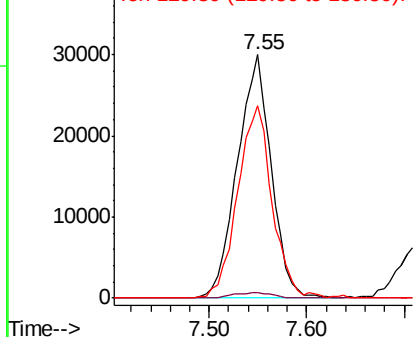
#28

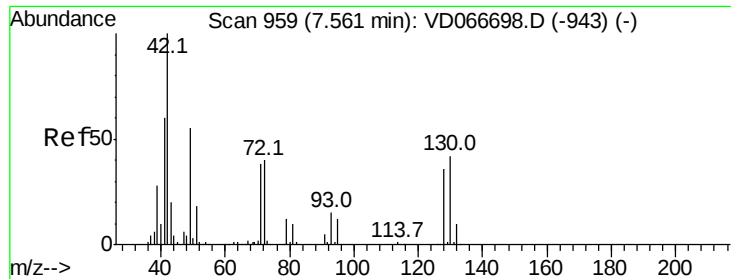
Bromochloromethane
Concen: 22.397 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion: 49 Resp: 72142
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 80.4 58.6 88.0



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

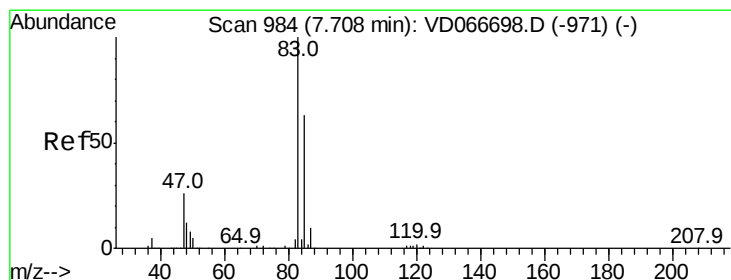
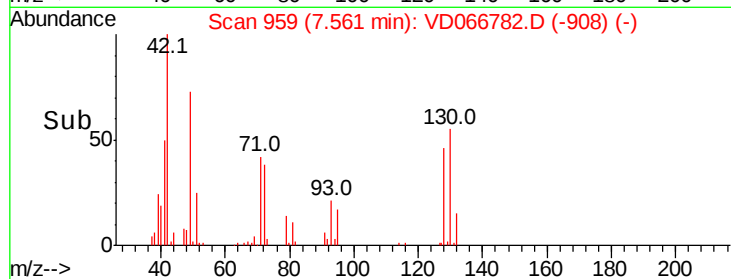
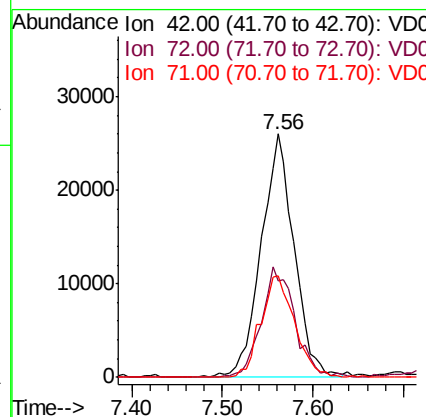
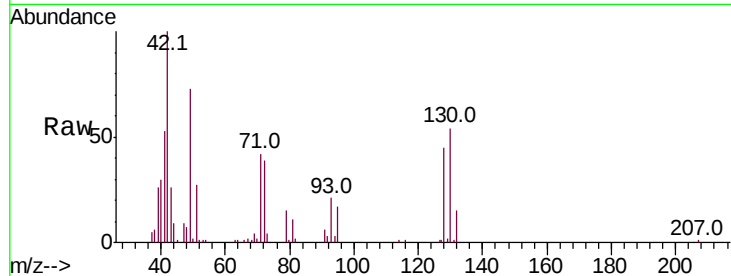




#29
Tetrahydrofuran
Concen: 91.076 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

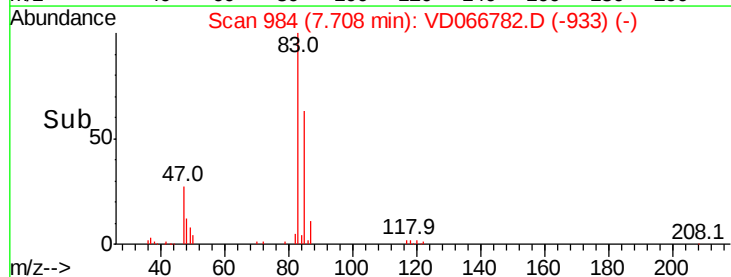
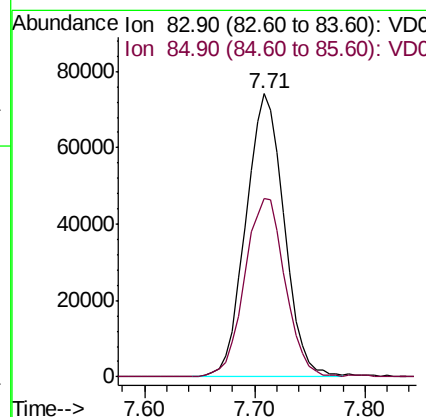
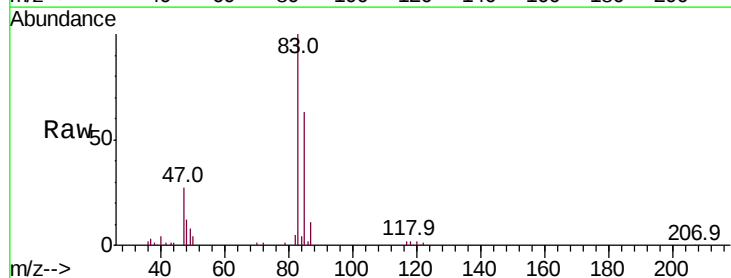
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

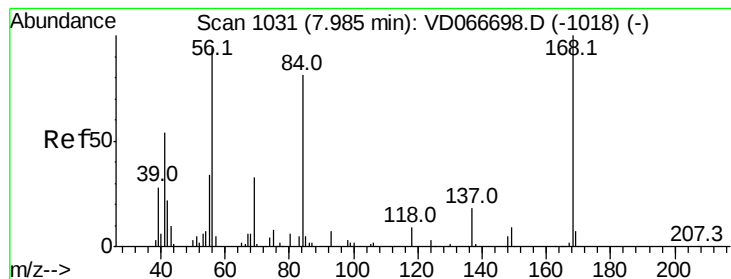
Tot Ion: 42 Resp: 65615
Ion Ratio Lower Upper
42 100
72 46.6 32.6 48.8
71 42.8 30.6 45.8



#30
Chloroform
Concen: 19.692 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion: 83 Resp: 180733
Ion Ratio Lower Upper
83 100
85 63.1 50.6 76.0





#31

Cyclohexane

Concen: 18.509 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleID :

VD0921SBS01

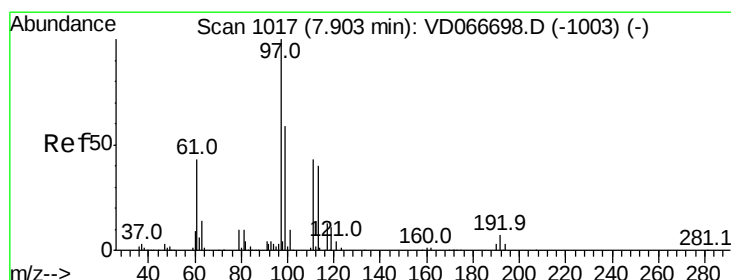
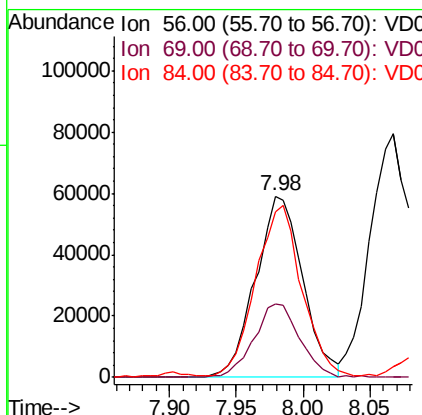
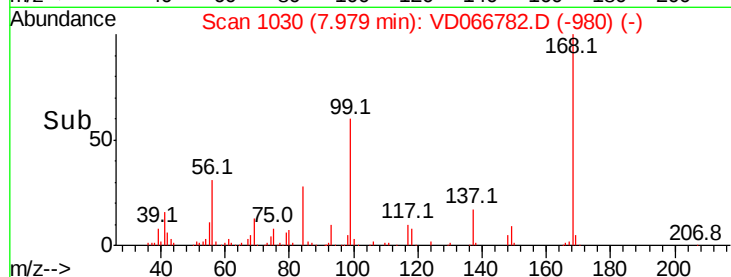
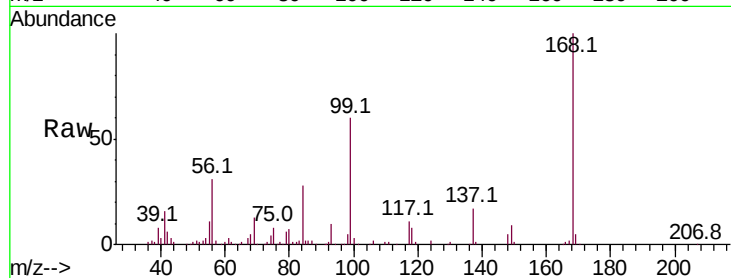
Tot Ion: 56 Resp: 145184

Ion Ratio Lower Upper

56 100

69 40.6 27.7 41.5

84 89.8 68.5 102.7



#32

1,1,1-Trichloroethane

Concen: 18.960 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

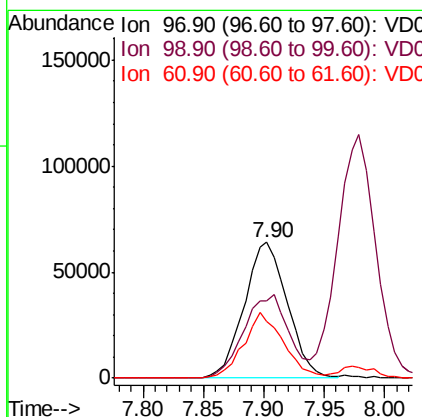
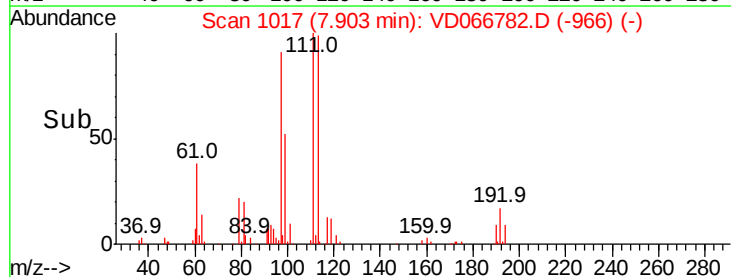
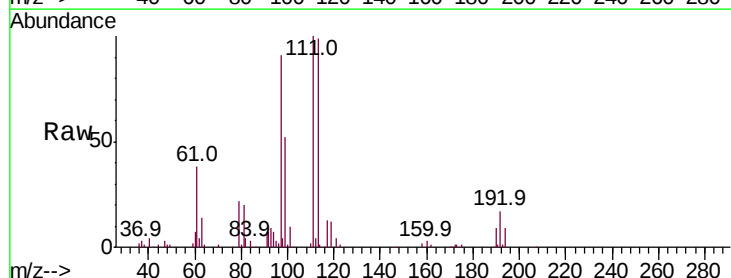
Tgt Ion: 97 Resp: 159240

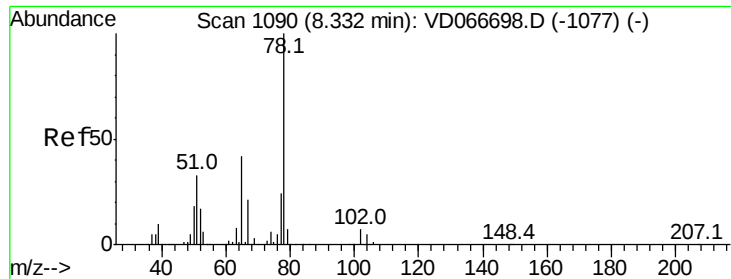
Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.4

61 44.6 35.2 52.8

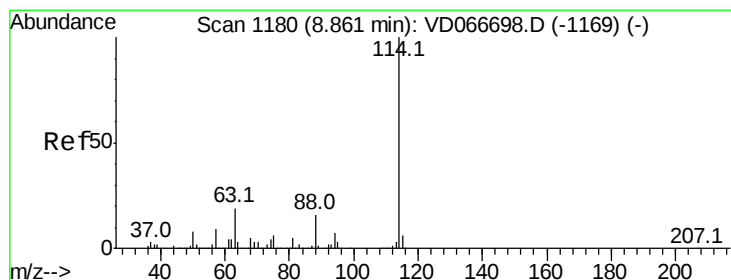
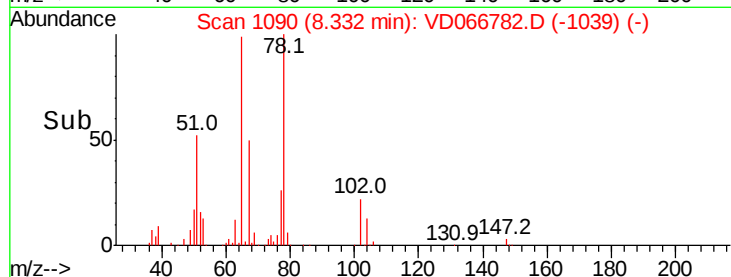
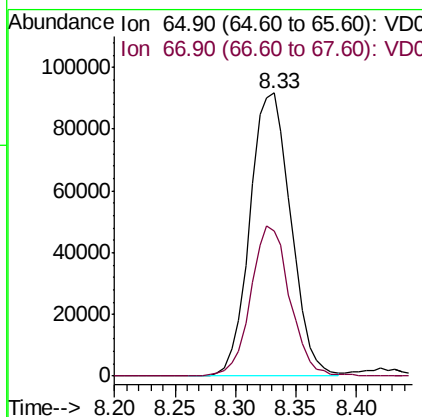
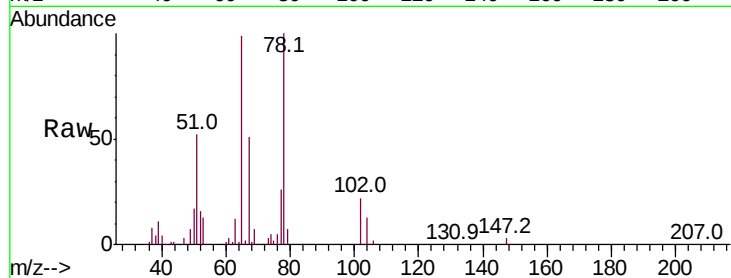




#33
 1,2-Dichloroethane-d4
 Concen: 48.602 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

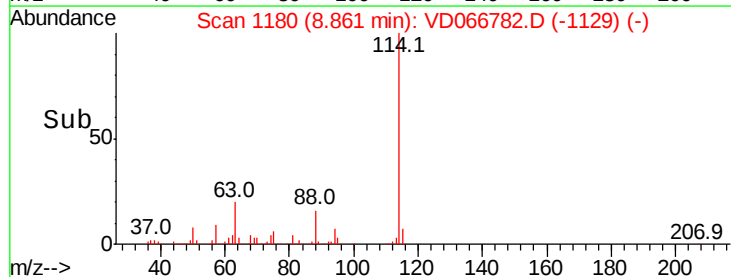
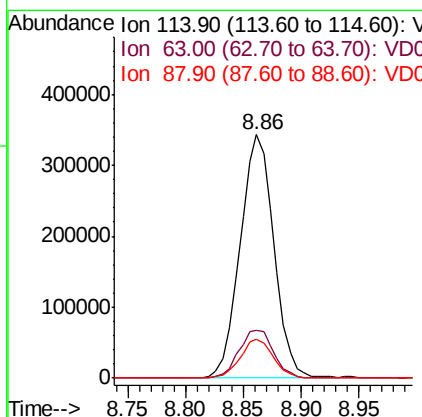
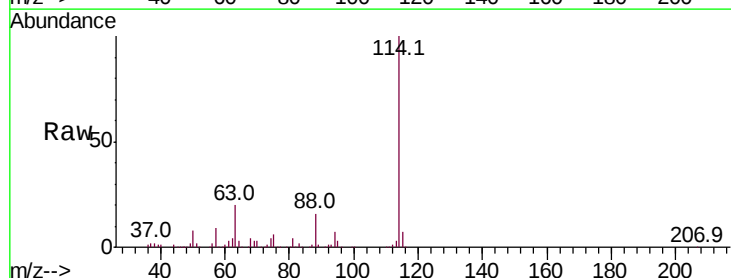
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

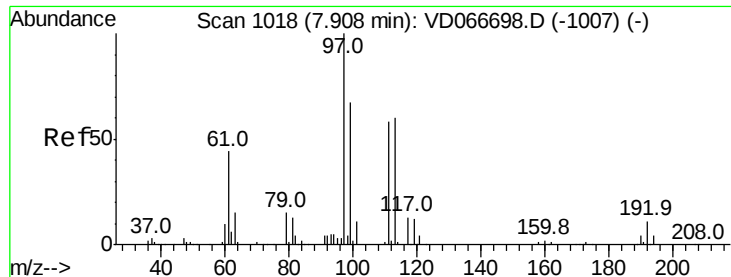
Tot Ion: 65 Resp: 215825
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

Tgt Ion: 114 Resp: 695002
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.6
 88 15.7 0.0 32.2

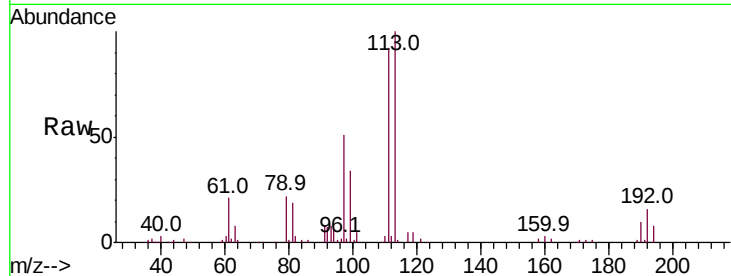




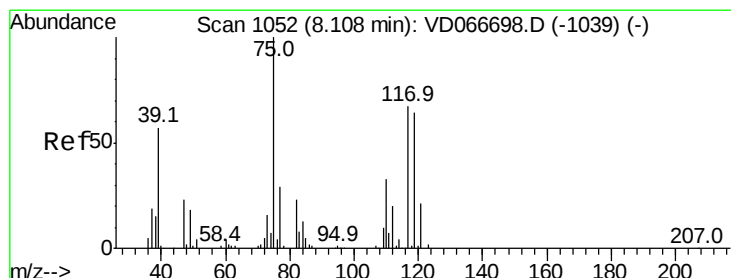
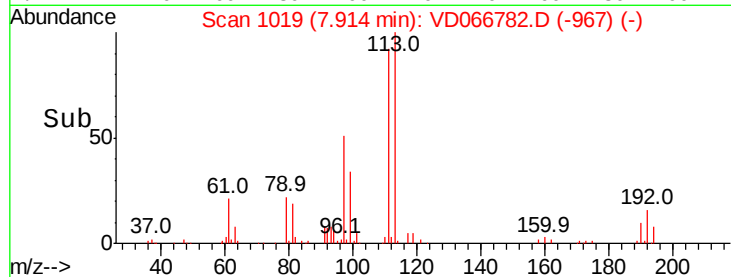
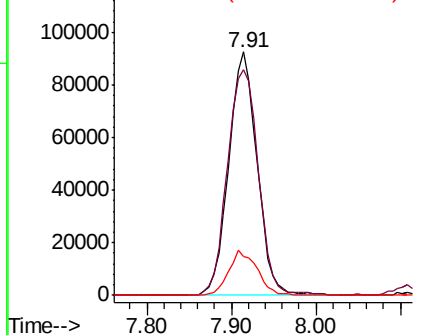
#35
 Dibromofluoromethane
 Concen: 50.146 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Tot Ion:113 Resp: 213673
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.2 124.8
 192 18.4 14.8 22.2

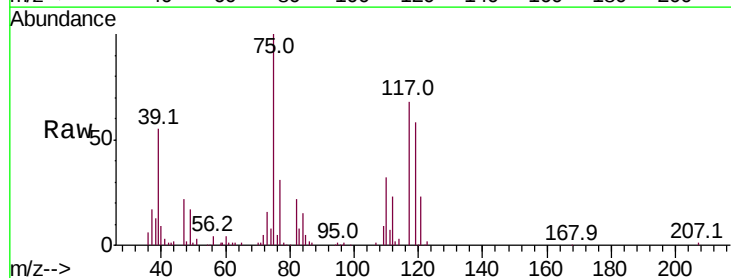


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

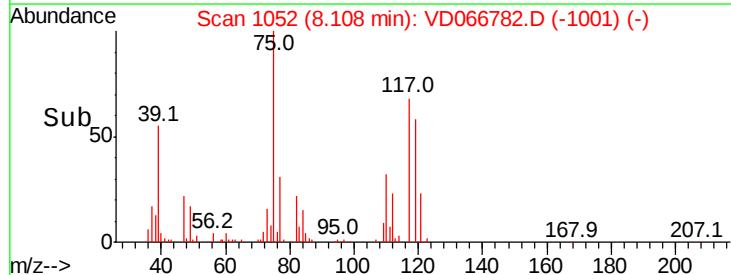
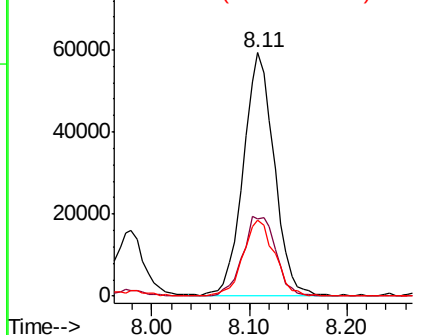


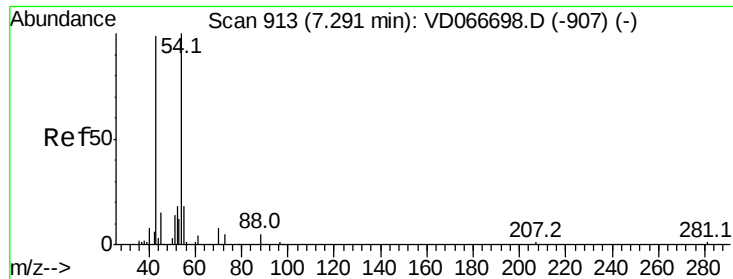
#36
 1,1-Dichloropropene
 Concen: 18.243 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

Tgt Ion: 75 Resp: 130360
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.1 51.2
 77 32.0 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

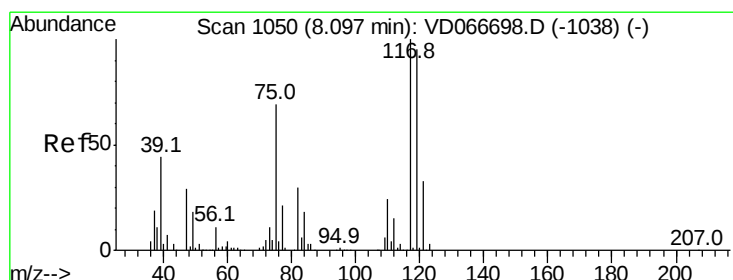
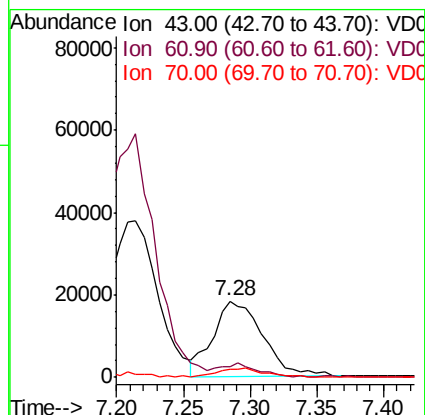
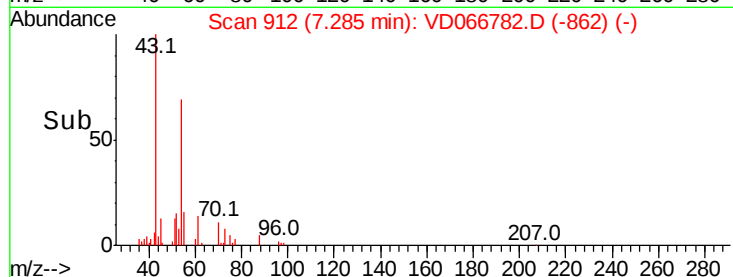
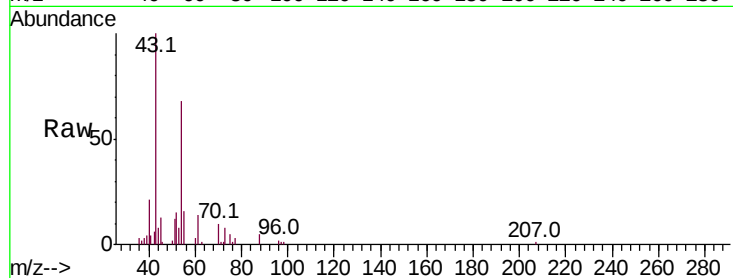




#37
Ethyl Acetate
Concen: 17.296 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

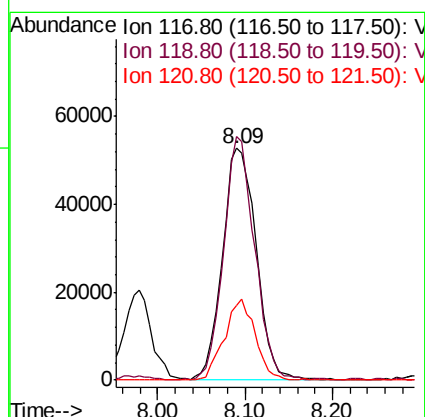
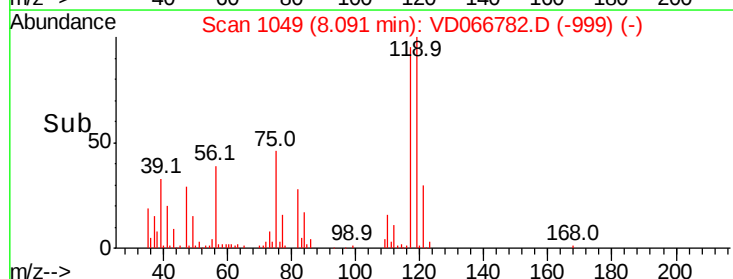
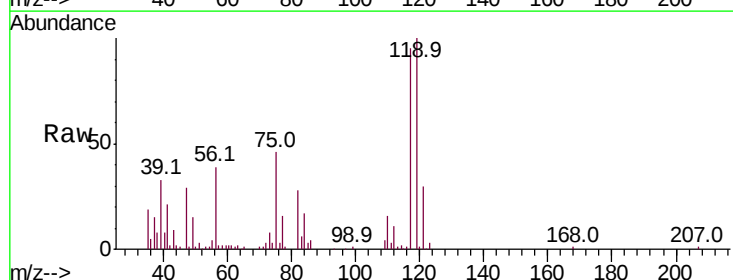
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

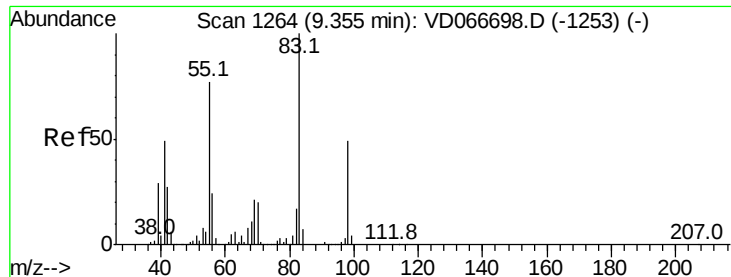
Tot Ion: 43 Resp: 46788
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 12.2 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 18.395 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion: 117 Resp: 139583
Ion Ratio Lower Upper
117 100
119 105.0 75.8 113.6
121 32.0 26.2 39.4

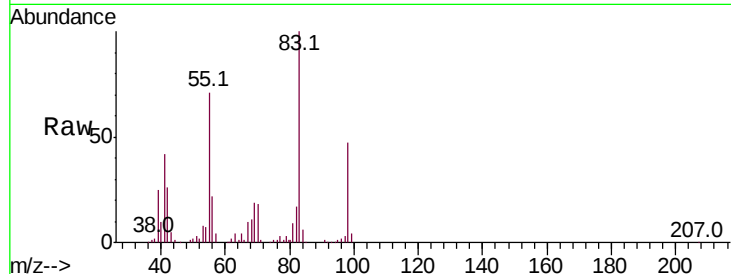




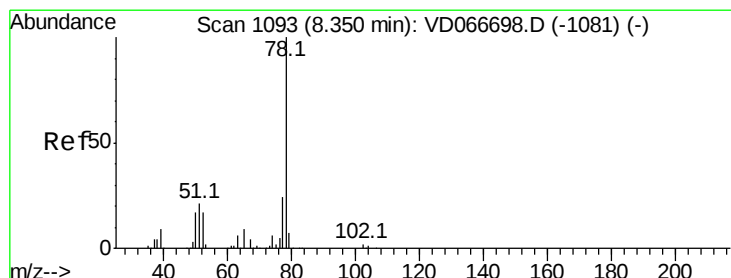
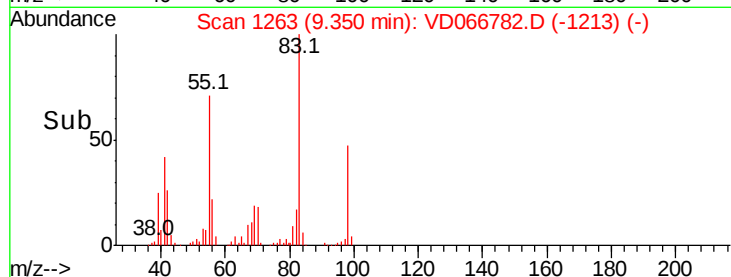
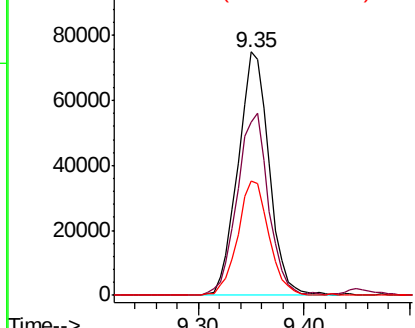
#39
Methvlcvclohexane
Concen: 18.756 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Tot Ion: 83 Resp: 153302
Ion Ratio Lower Upper
83 100
55 71.2 61.5 92.3
98 46.8 39.3 58.9

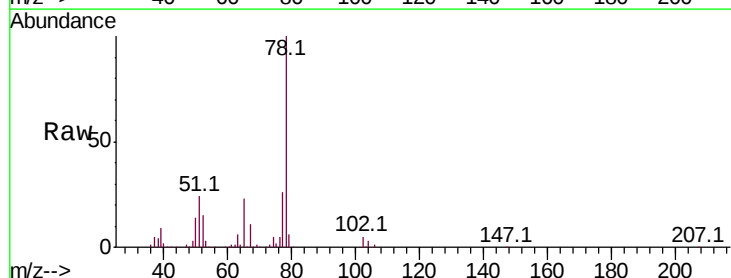


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

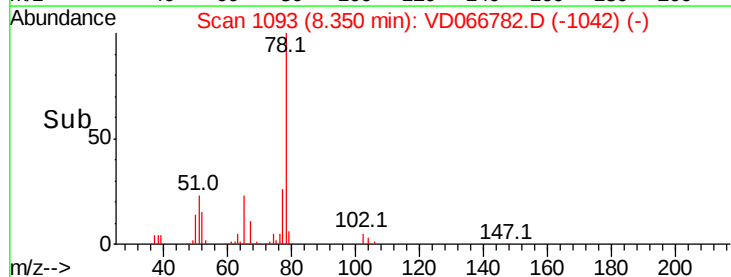
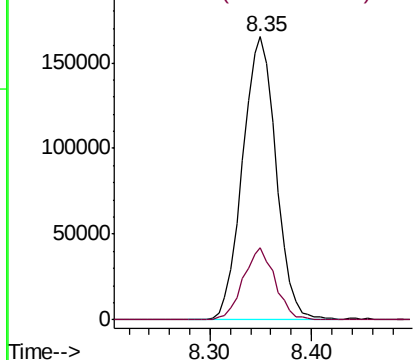


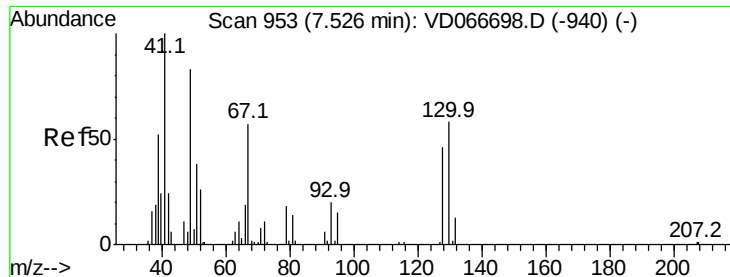
#40
Benzene
Concen: 19.587 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion: 78 Resp: 378659
Ion Ratio Lower Upper
78 100
77 25.5 19.3 28.9



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

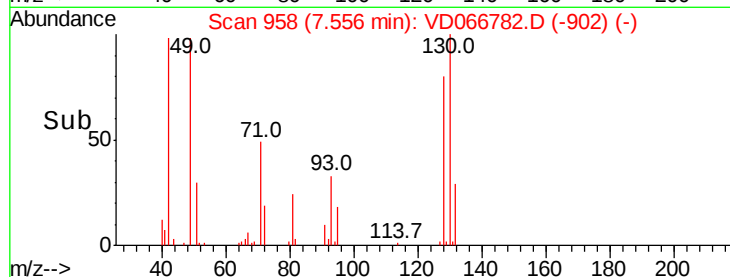
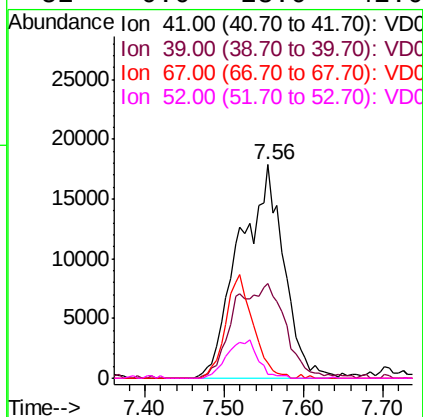
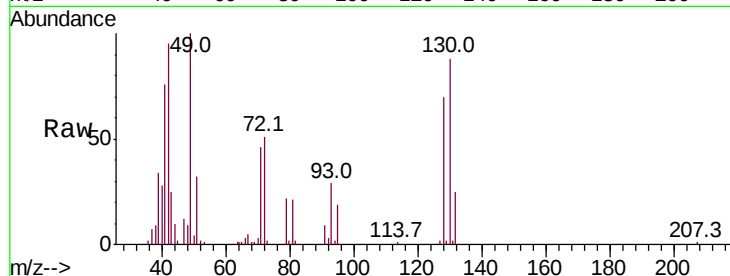




#41
Methacrylonitrile
Concen: 48.657 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.03 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

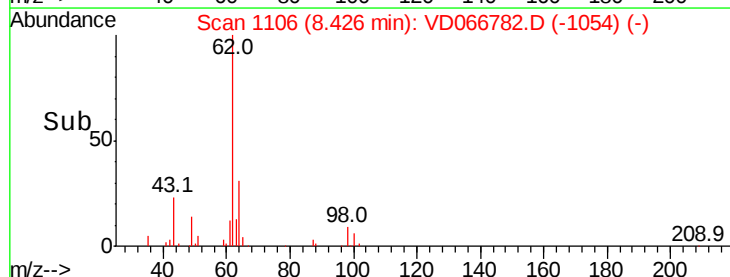
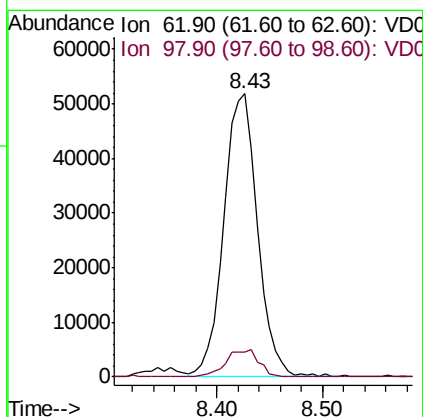
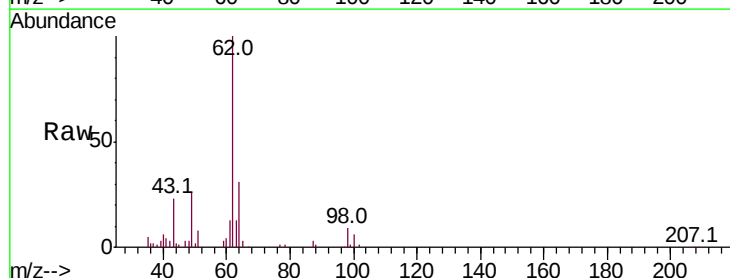
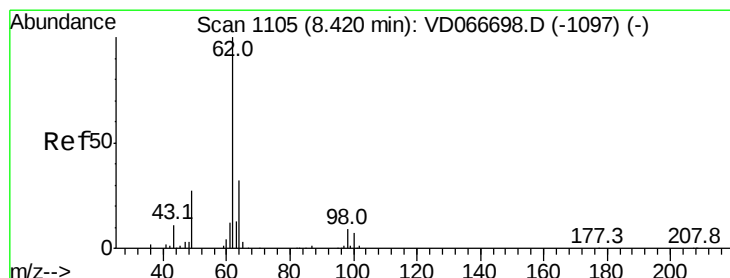
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

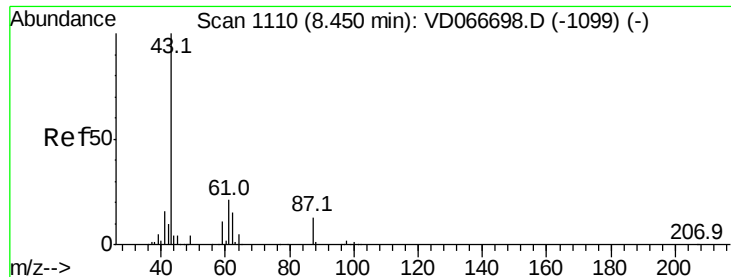
Tot Ion: 41 Resp: 69683
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
67 0.0 62.3 93.5#
52 0.0 28.0 42.0#



#42
1,2-Dichloroethane
Concen: 19.047 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion: 62 Resp: 114074
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.6





#43

Isopropyl Acetate

Concen: 18.141 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

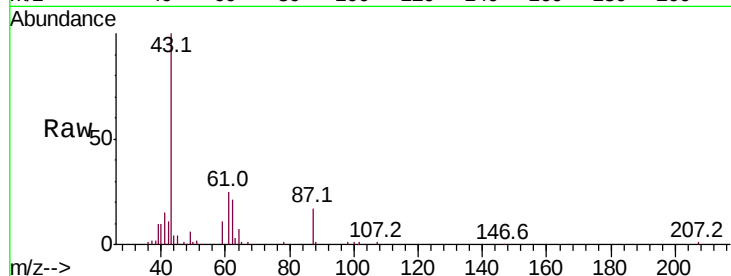
Tot Ion: 43 Resp: 92367

Ion Ratio Lower Upper

43 100

61 32.4 24.8 37.2

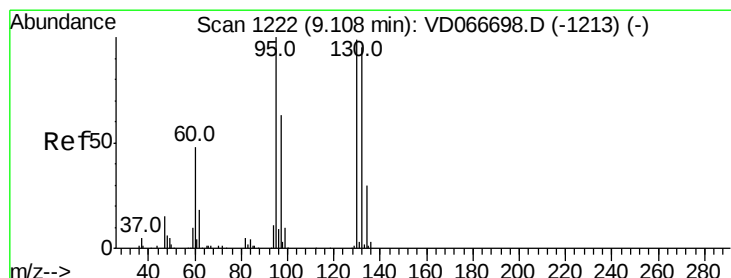
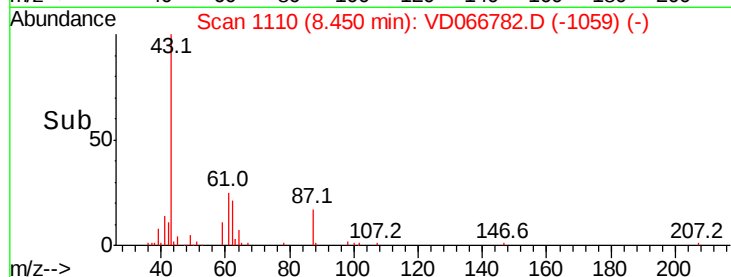
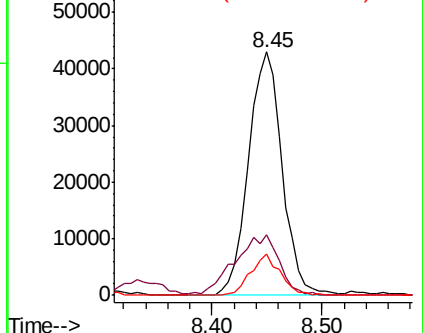
87 15.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.484 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066782.D

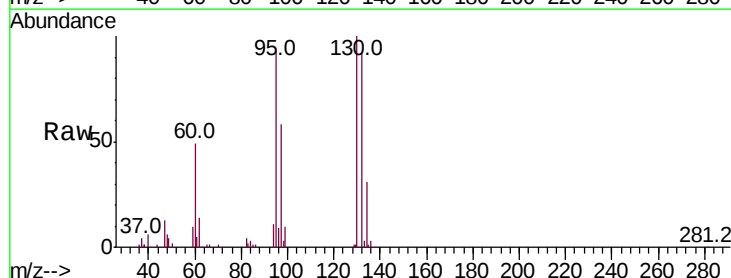
Acq: 21 Sep 2020 14:59

Tgt Ion:130 Resp: 105879

Ion Ratio Lower Upper

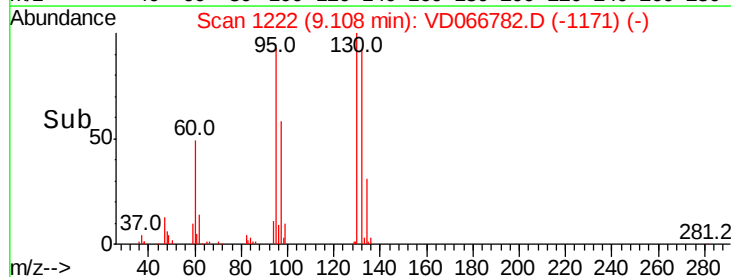
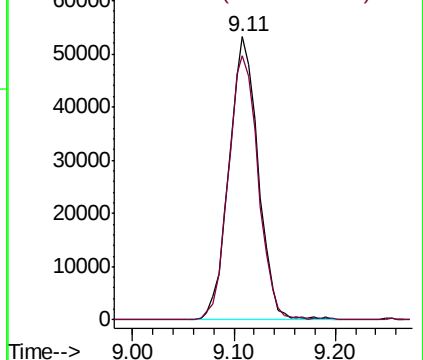
130 100

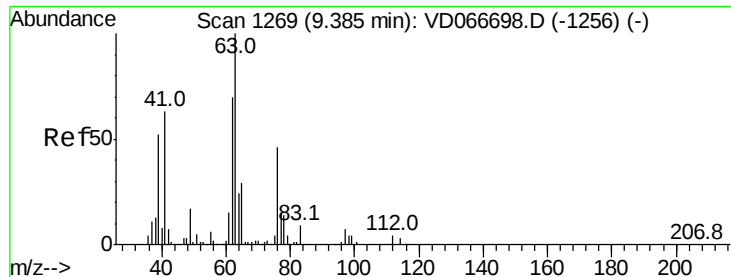
95 93.3 0.0 201.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.797 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

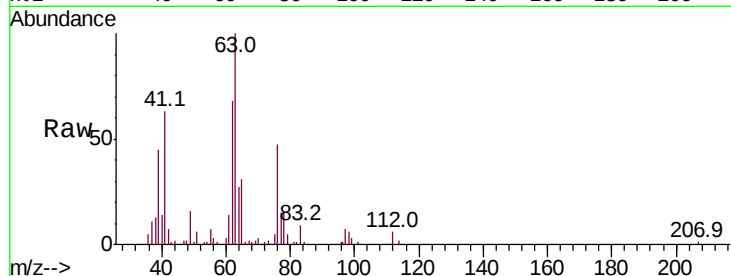
VD0921SBS01

Tot Ion: 63 Resp: 94611

Ion Ratio Lower Upper

63 100

65 31.5 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

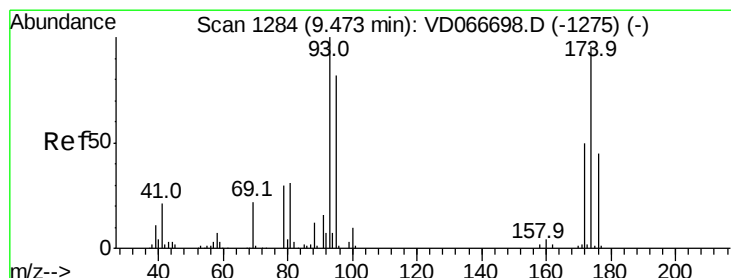
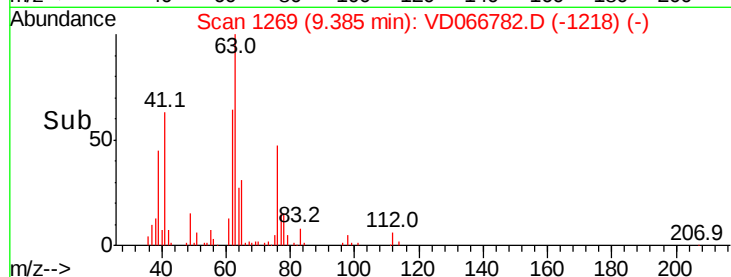
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 19.648 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

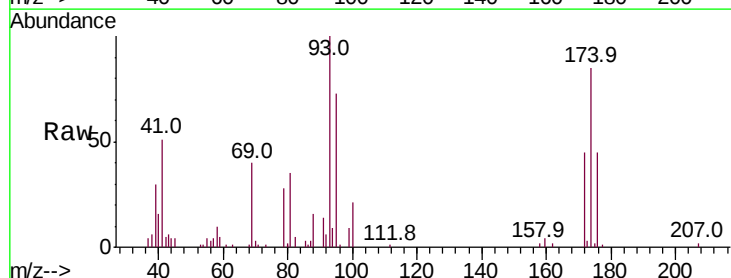
Tgt Ion: 93 Resp: 51600

Ion Ratio Lower Upper

93 100

95 81.4 66.0 99.0

174 91.6 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

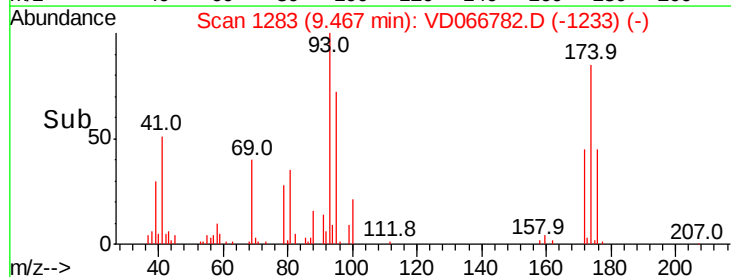
20000

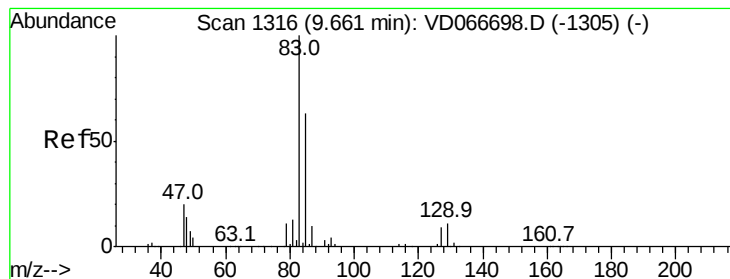
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 19.429 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

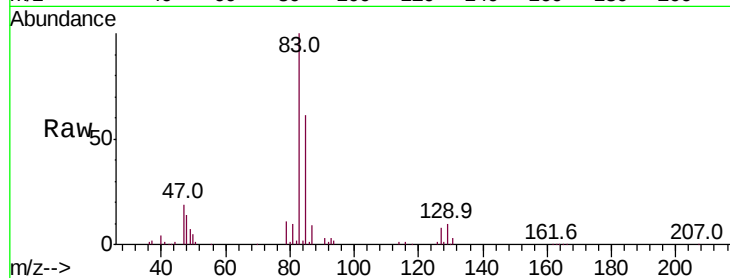
Tot Ion: 83 Resp: 139036

Ion Ratio Lower Upper

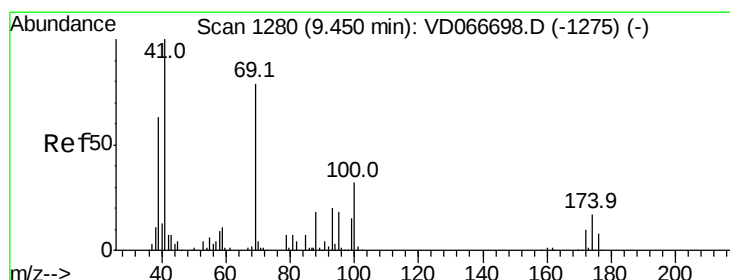
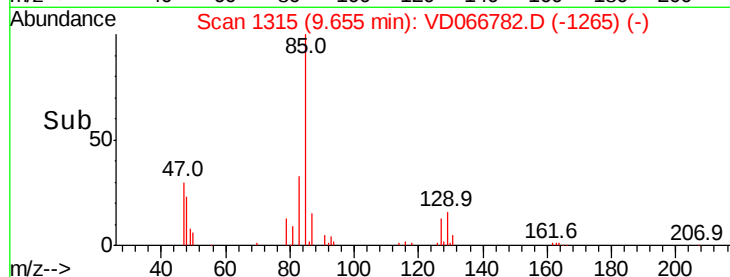
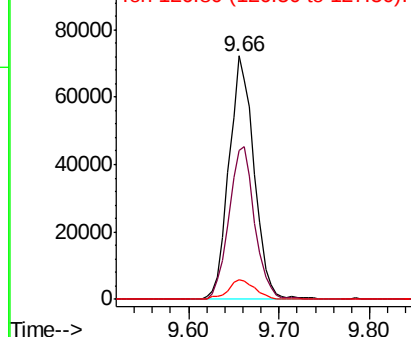
83 100

85 61.1 50.1 75.1

127 8.1 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): V



#48

Methyl methacrylate

Concen: 16.881 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

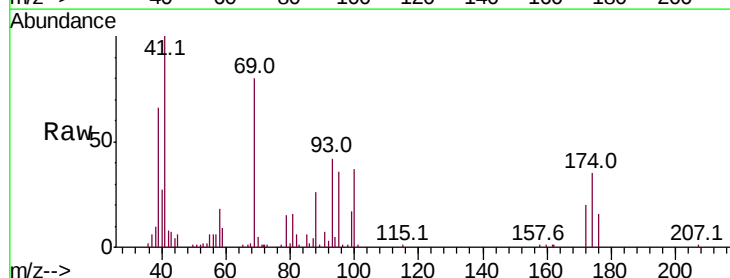
Tgt Ion: 41 Resp: 43720

Ion Ratio Lower Upper

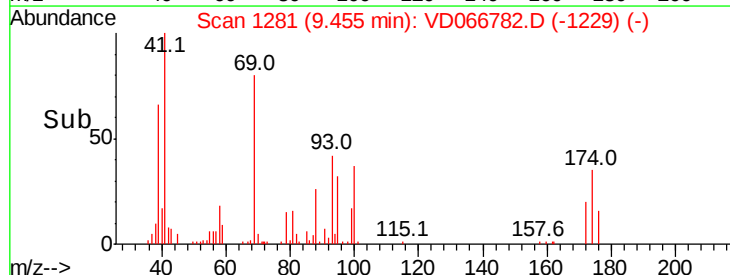
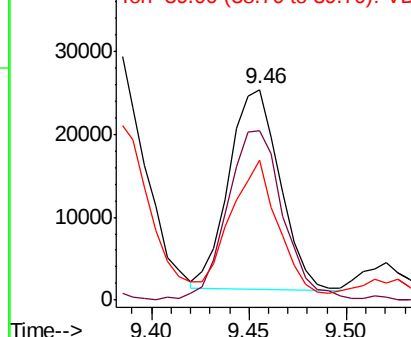
41 100

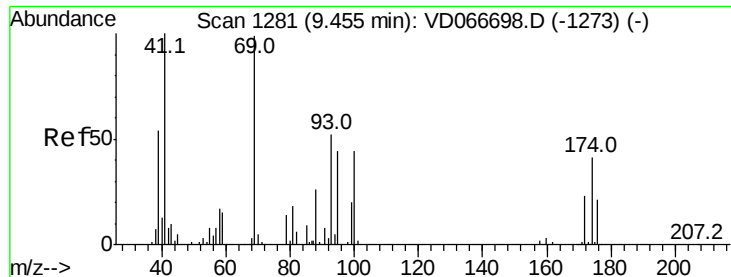
69 93.1 62.4 93.6

39 69.2 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

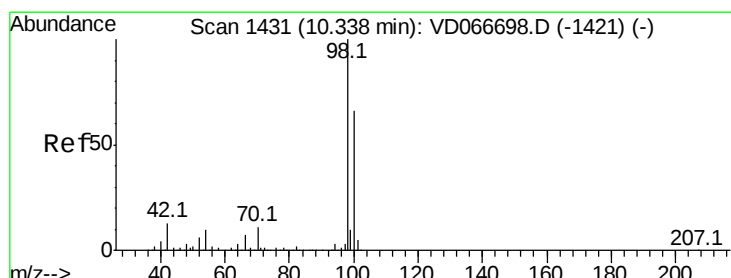
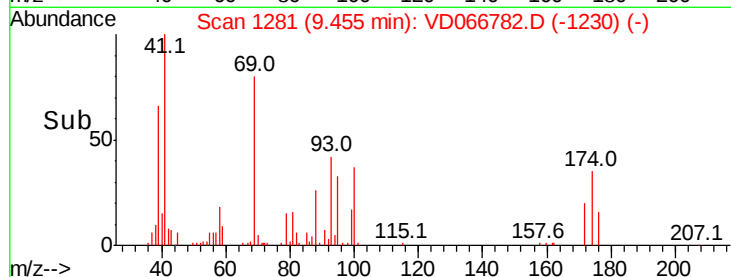
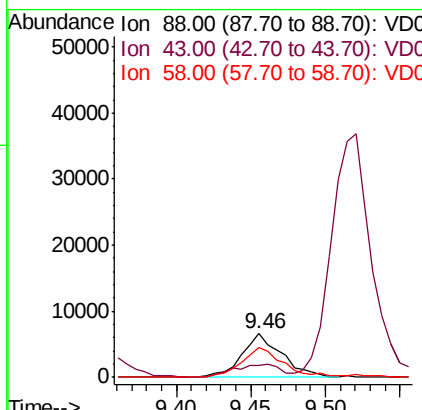
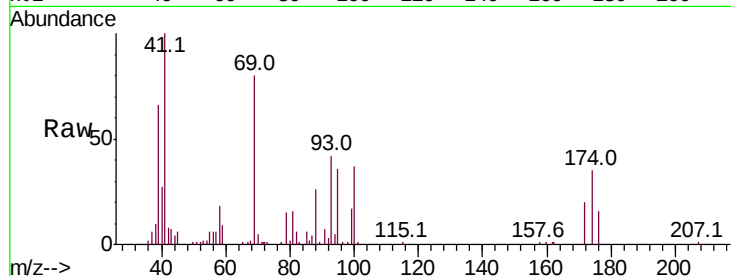




#49
1,4-Dioxane
Concen: 431.902 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

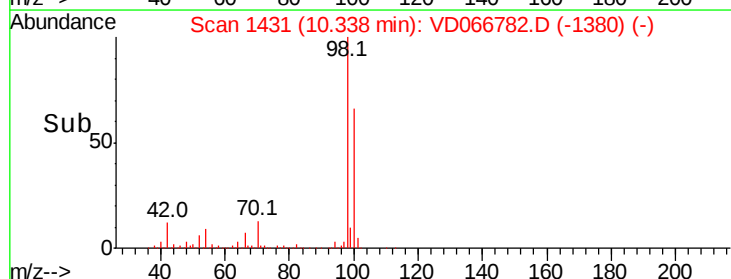
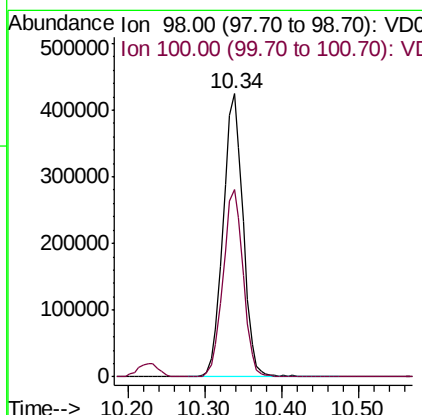
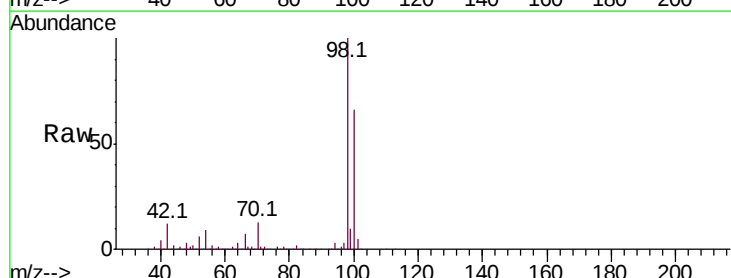
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

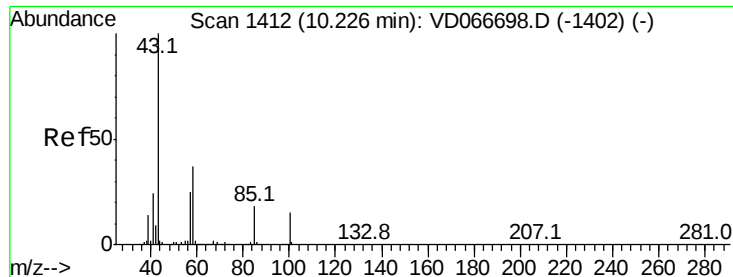
Tot Ion: 88 Resp: 12150
Ion Ratio Lower Upper
88 100
43 36.4 29.3 43.9
58 72.4 51.4 77.2



#50
Toluene-d8
Concen: 50.351 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion: 98 Resp: 764381
Ion Ratio Lower Upper
98 100
100 66.7 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 90.080 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

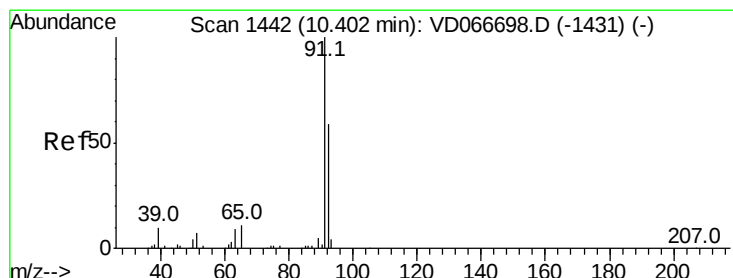
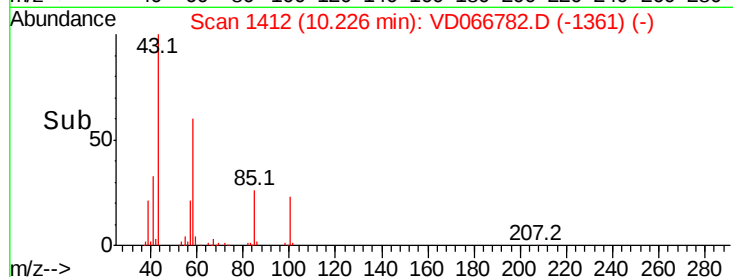
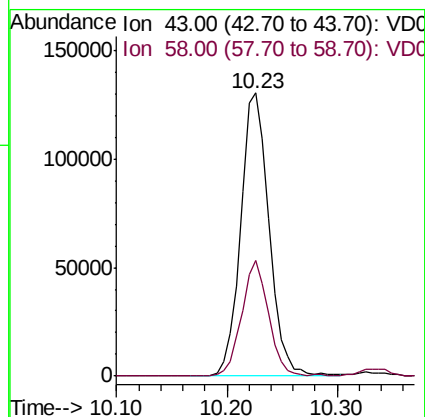
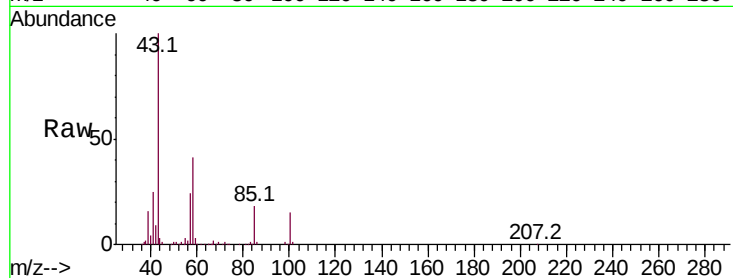
VD0921SBS01

Tot Ion: 43 Resp: 236132

Ion Ratio Lower Upper

43 100

58 38.5 30.4 45.6



#52

Toluene

Concen: 19.682 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066782.D

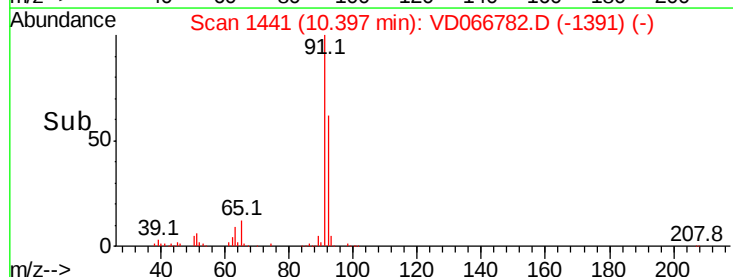
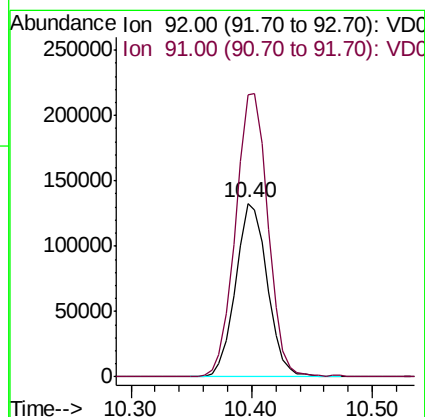
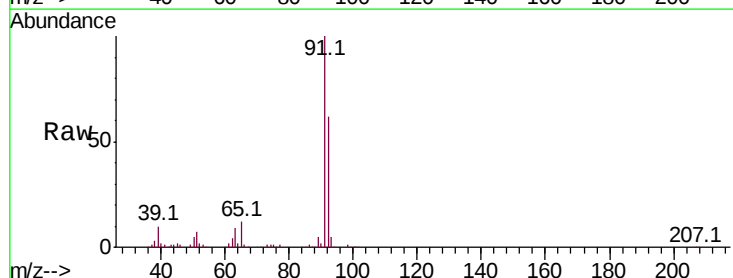
Acq: 21 Sep 2020 14:59

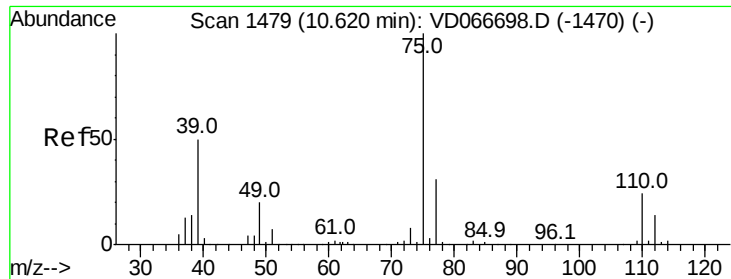
Tgt Ion: 92 Resp: 243744

Ion Ratio Lower Upper

92 100

91 167.5 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 18.213 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

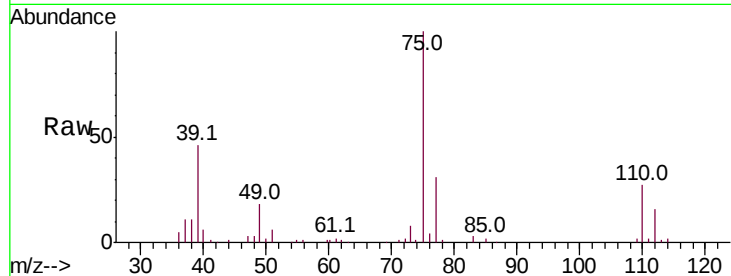
VD0921SBS01

Tot Ion: 75 Resp: 116428

Ion Ratio Lower Upper

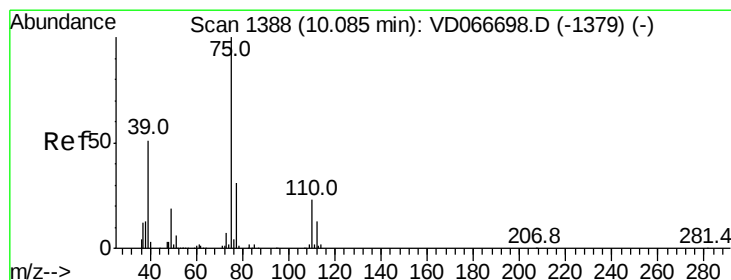
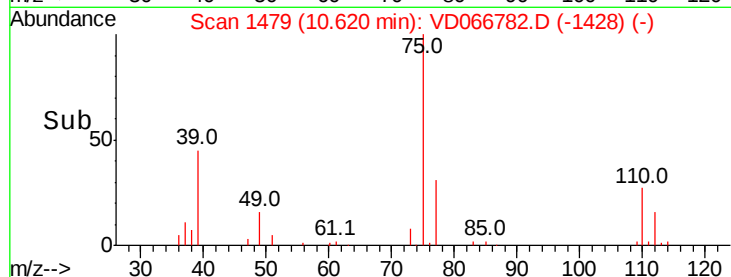
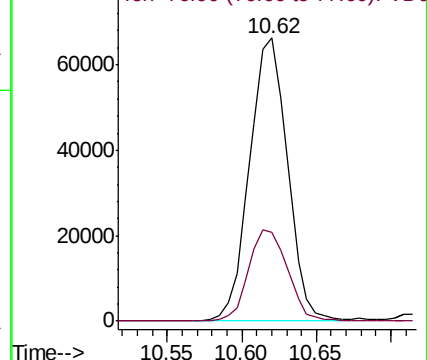
75 100

77 31.4 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 18.231 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

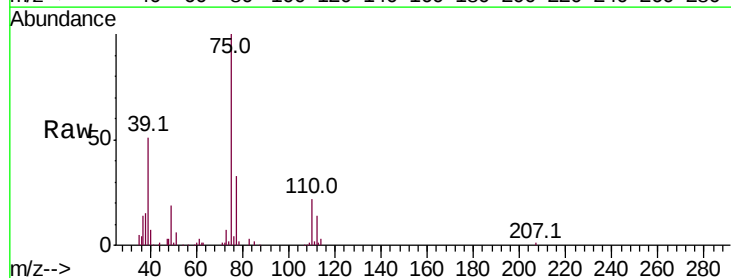
Tgt Ion: 75 Resp: 138429

Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.6

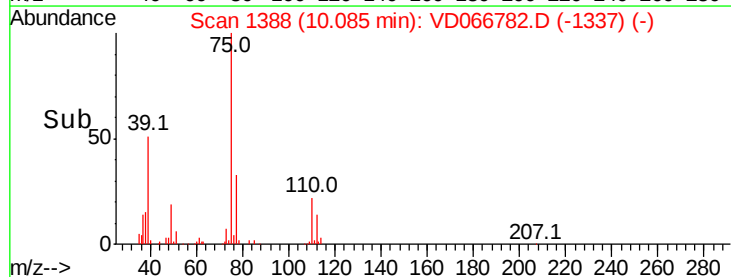
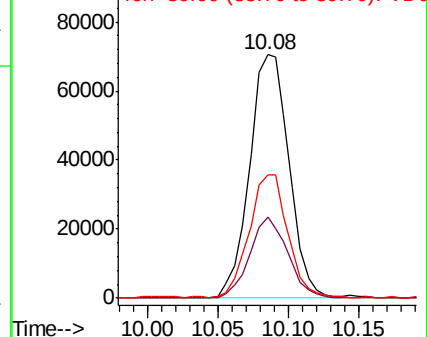
39 50.3 40.6 61.0

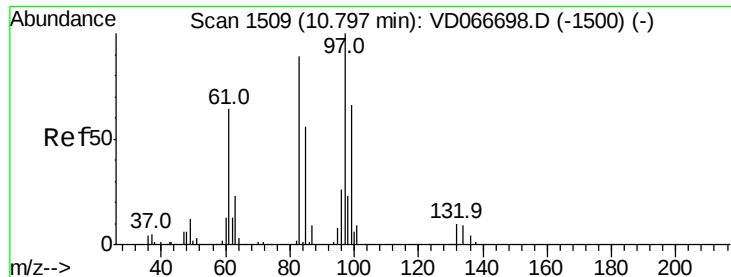


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 19.853 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

Tot Ion: 97 Resp: 68741

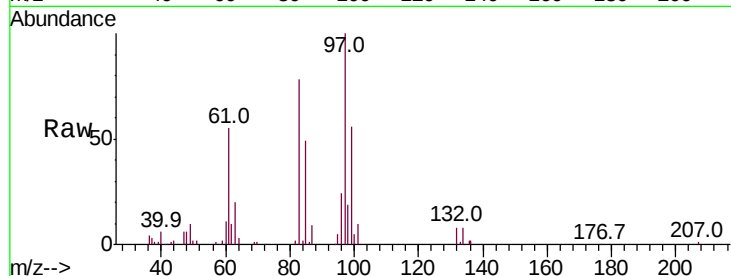
Ion Ratio Lower Upper

97 100

83 77.6 71.4 107.2

85 49.5 44.7 67.1

99 55.9 52.4 78.6

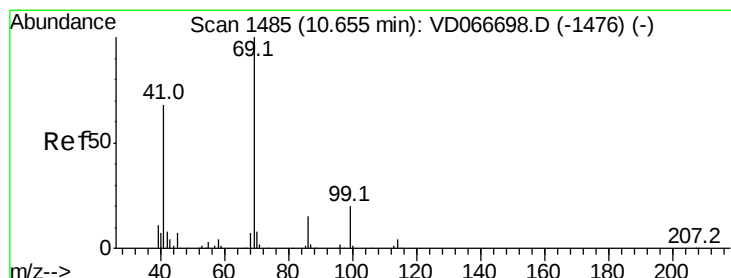
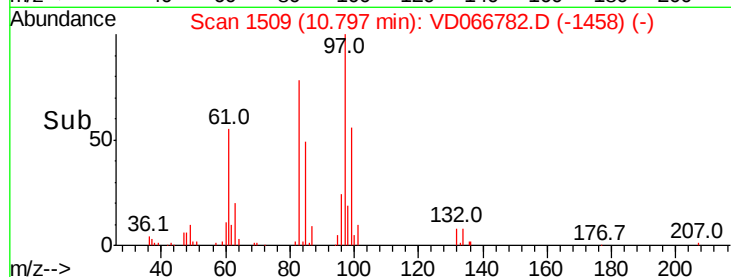
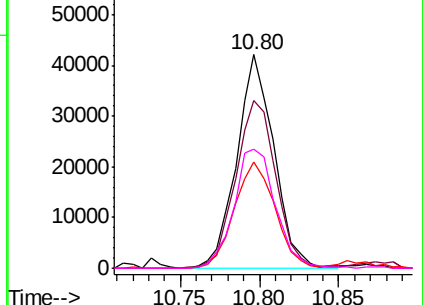


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 19.016 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

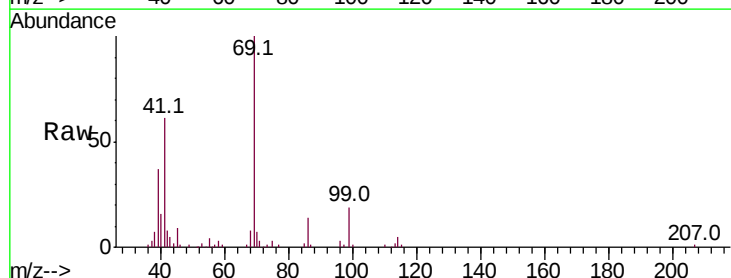
Tgt Ion: 69 Resp: 74721

Ion Ratio Lower Upper

69 100

41 65.1 55.5 83.3

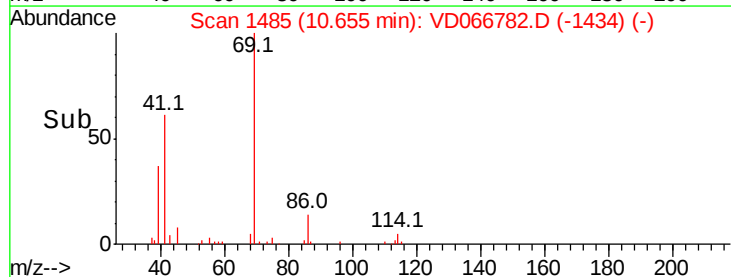
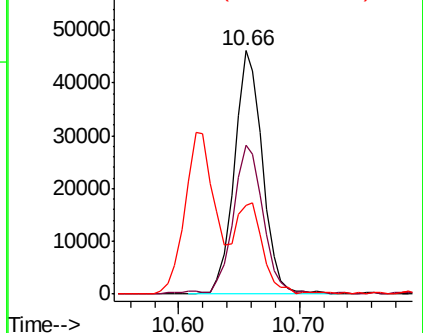
39 32.8 29.7 44.5

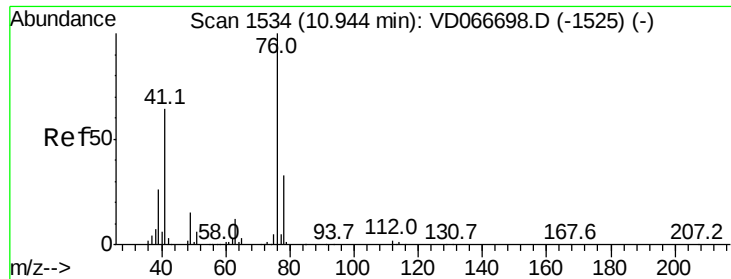


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 19.159 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

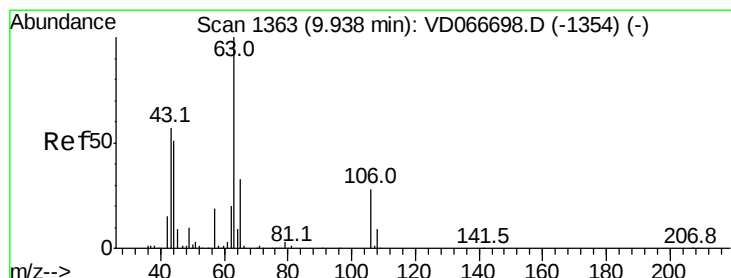
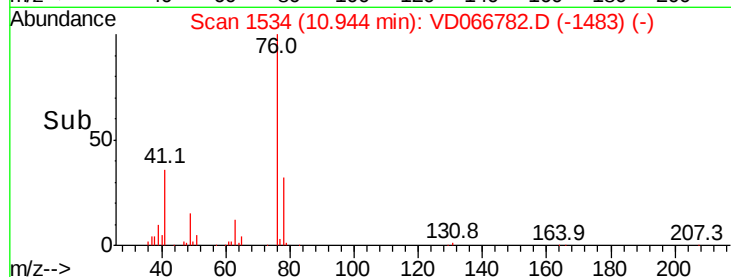
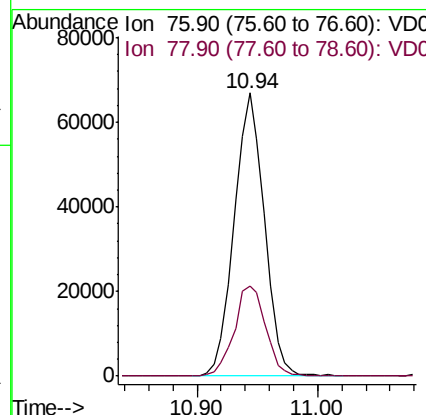
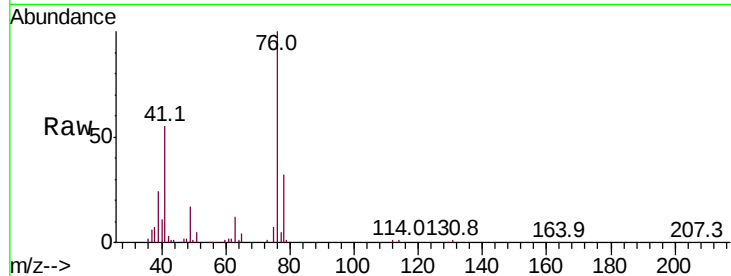
Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Tot Ion: 76 Resp: 116421

Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 120.174 ug/l

RT: 9.94 min Scan# 1363

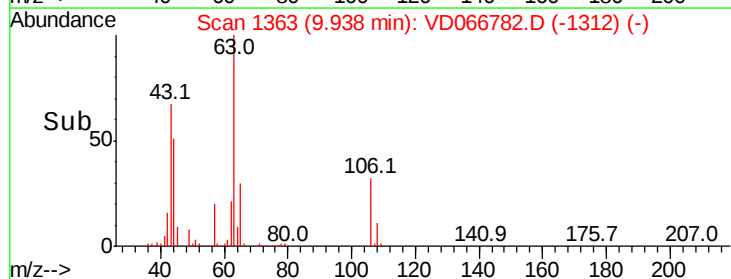
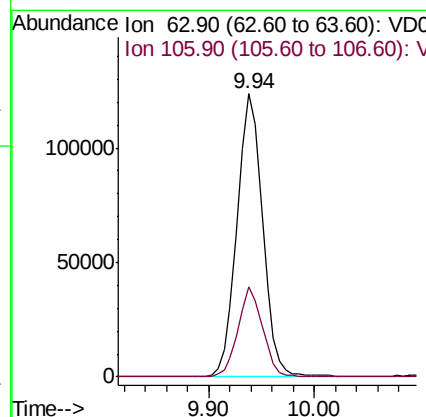
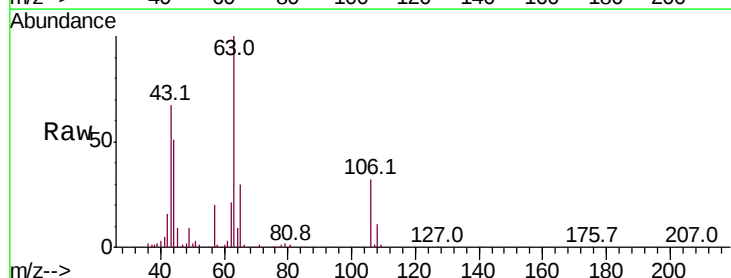
Delta R.T. -0.00 min

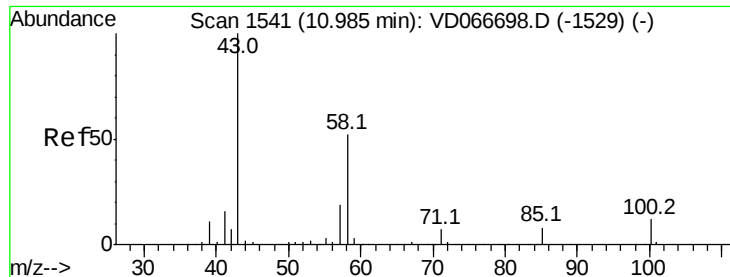
Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Tgt Ion: 63 Resp: 207385

Ion	Ratio	Lower	Upper
63	100		
106	30.5	22.2	33.4

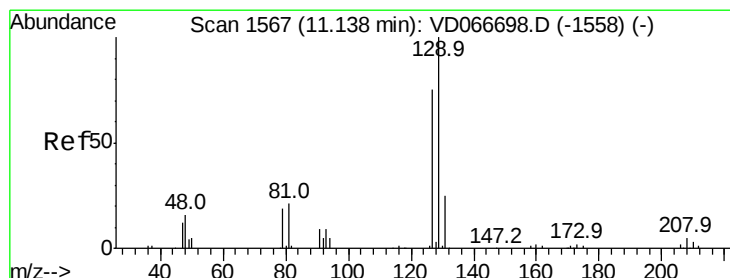
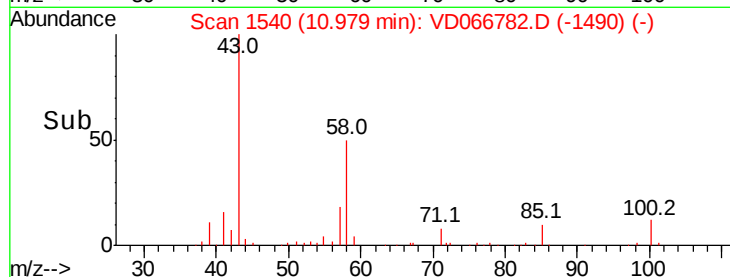
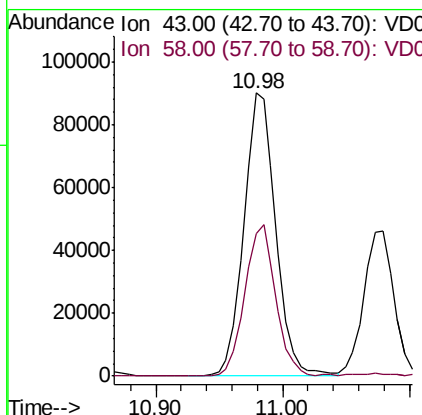
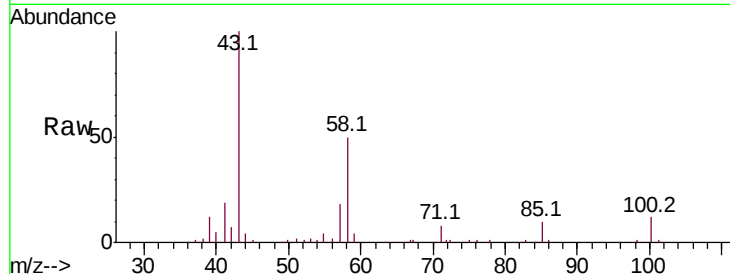




#59
2-Hexanone
Concen: 89.128 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

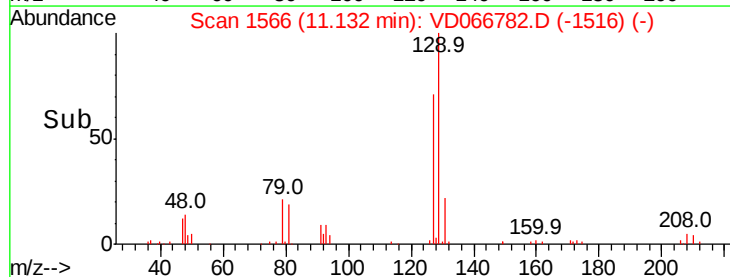
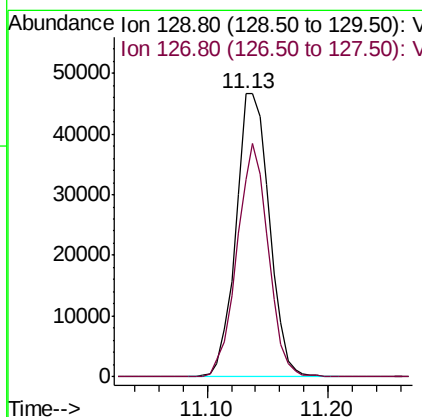
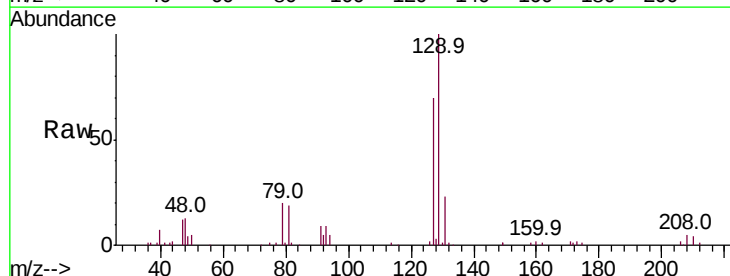
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

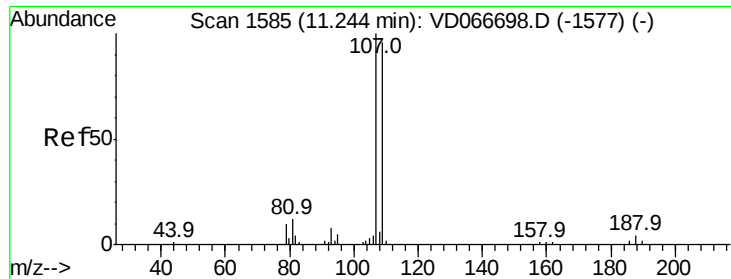
Tot Ion: 43 Resp: 156984
Ion Ratio Lower Upper
43 100
58 51.6 26.2 78.5



#60
Dibromochloromethane
Concen: 19.964 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion: 129 Resp: 90072
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.3

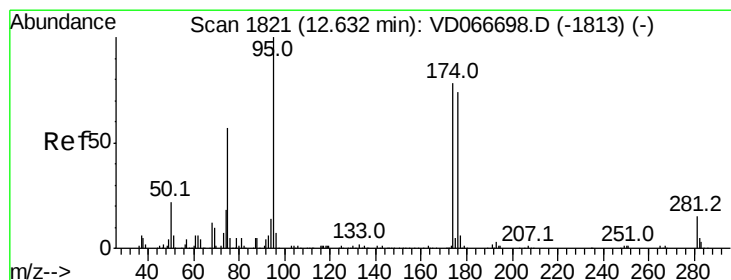
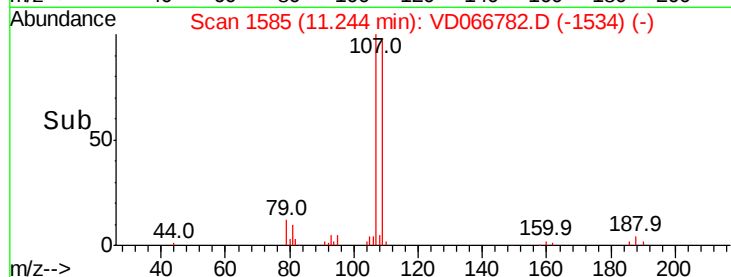
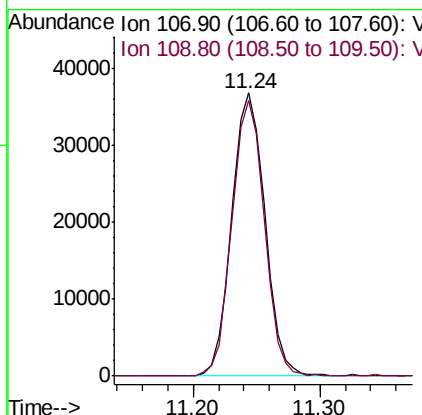
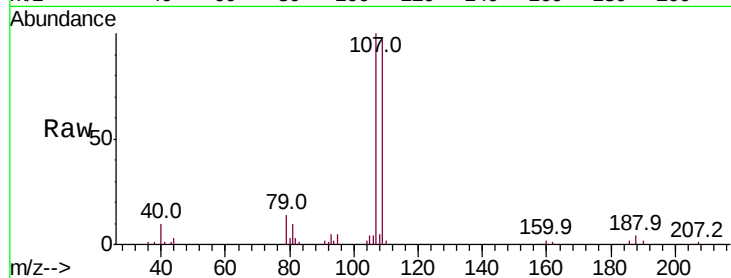




#61
 1,2-Dibromoethane
 Concen: 20.080 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

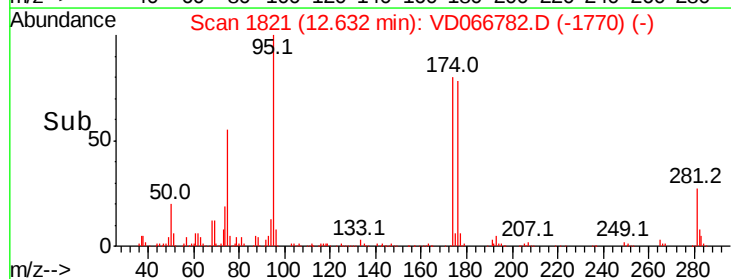
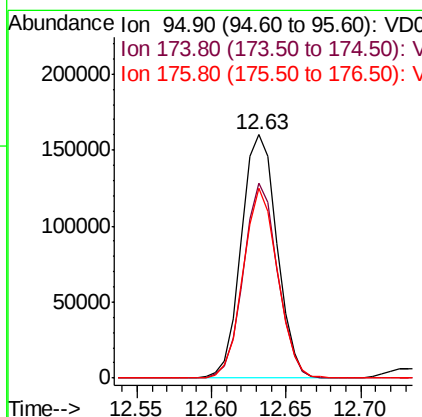
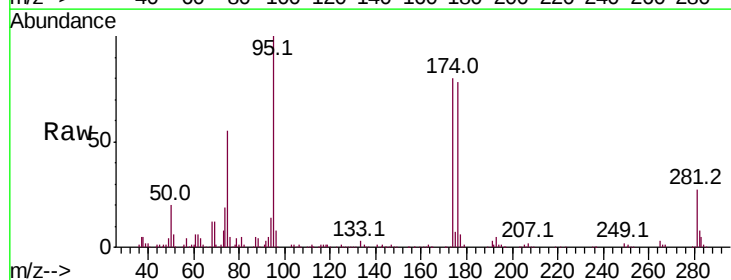
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

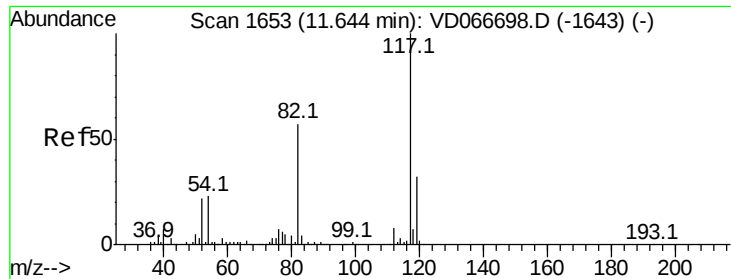
Tot Ion:107 Resp: 66694
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.558 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

Tgt Ion: 95 Resp: 264936
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 156.6
 176 75.1 0.0 150.2

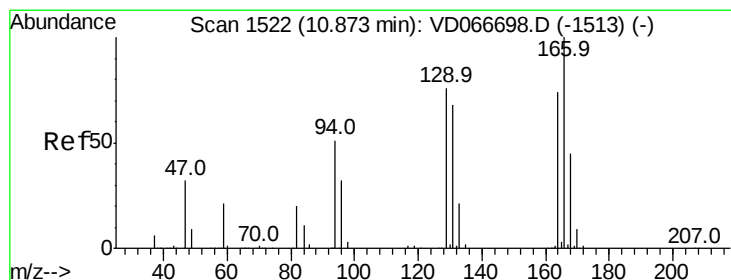
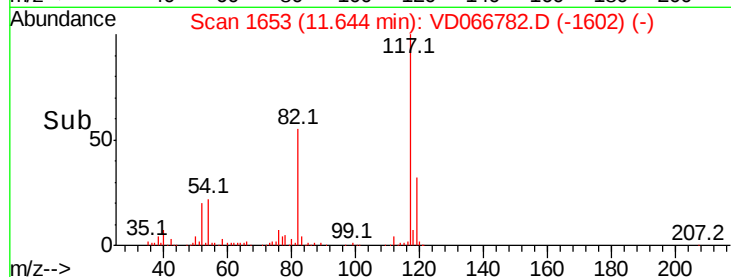
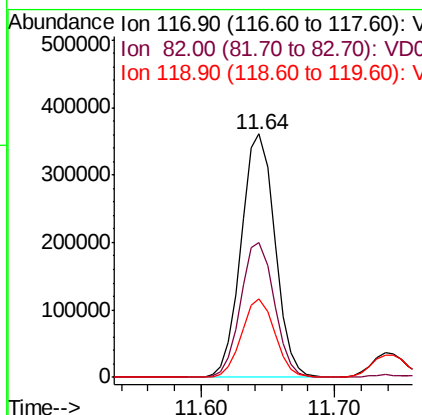
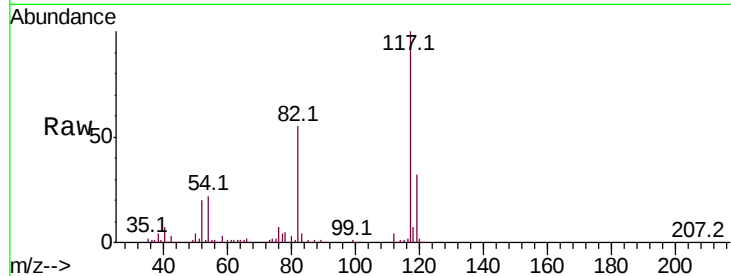




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

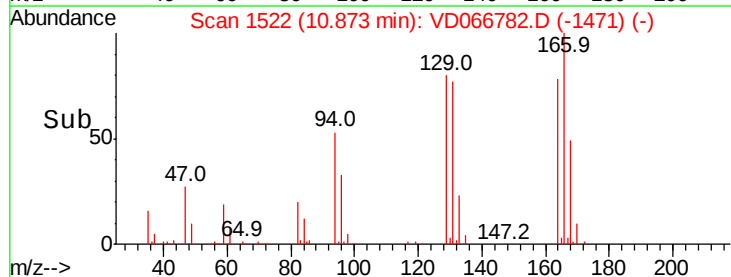
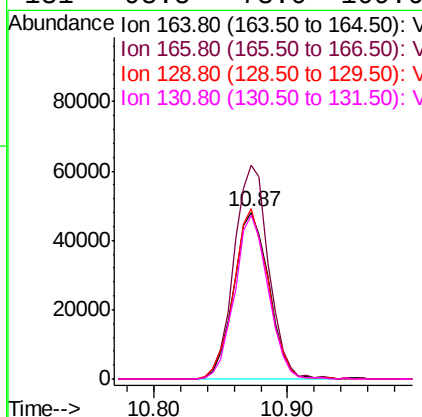
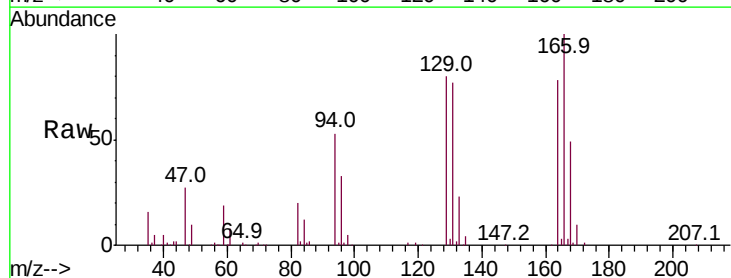
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

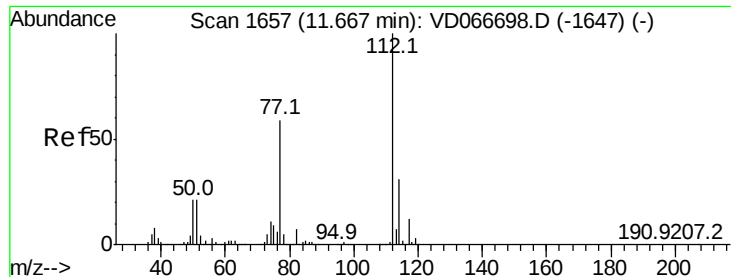
Tot Ion:117 Resp: 633538
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 20.302 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion:164 Resp: 87803
Ion Ratio Lower Upper
164 100
166 128.2 107.5 161.3
129 102.2 81.4 122.0
131 98.5 73.0 109.6

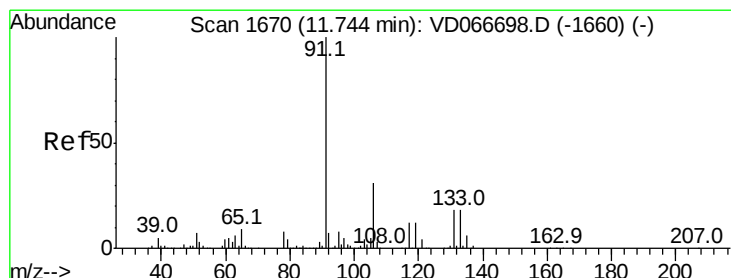
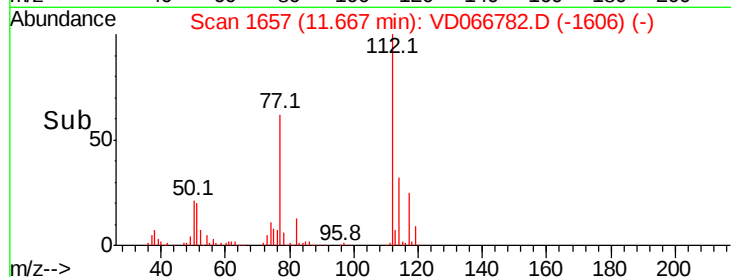
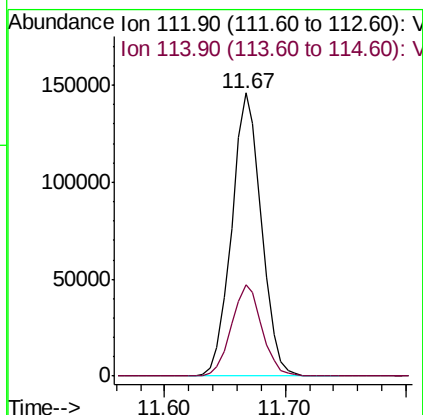
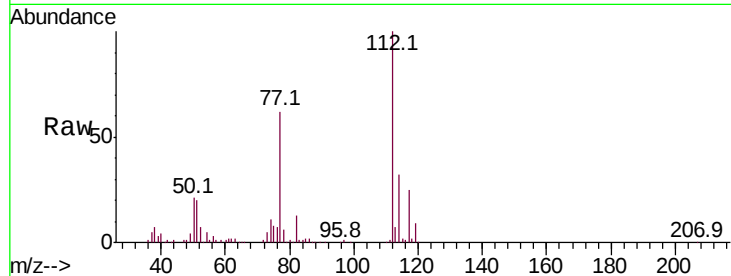




#65
Chlorobenzene
Concen: 19.078 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

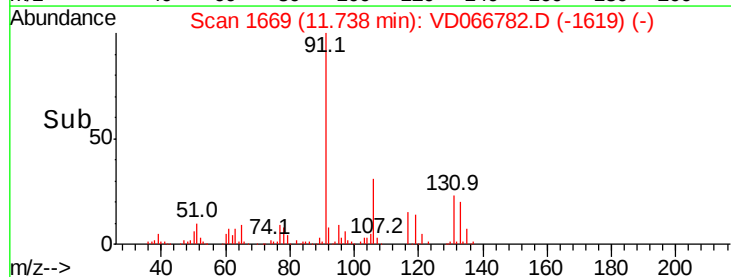
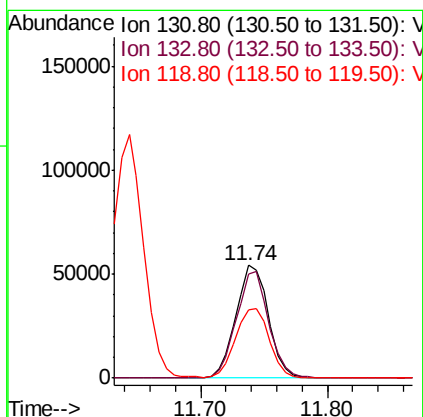
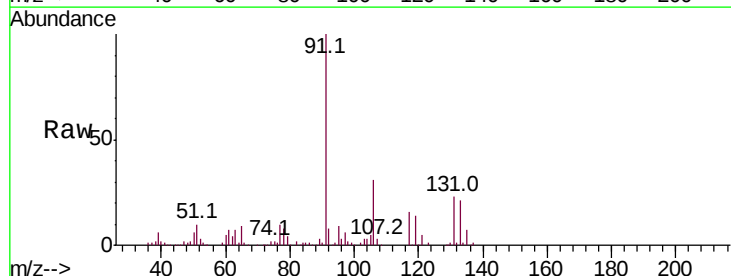
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

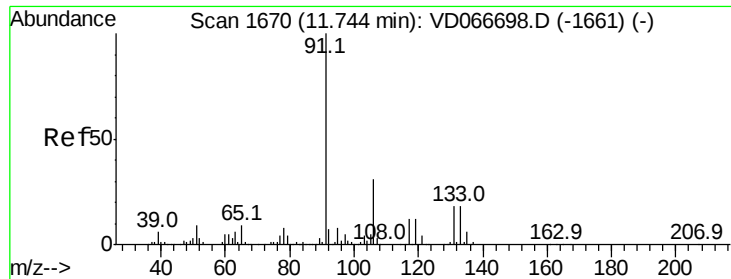
Tot Ion:112 Resp: 250251
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.921 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion:131 Resp: 96413
Ion Ratio Lower Upper
131 100
133 93.7 47.8 143.3
119 64.1 33.6 100.8

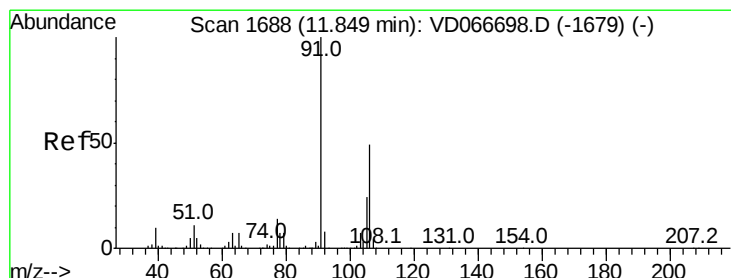
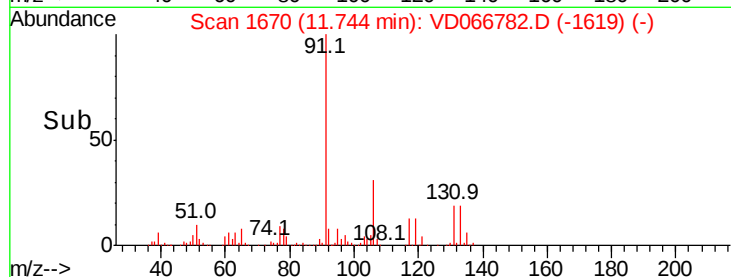
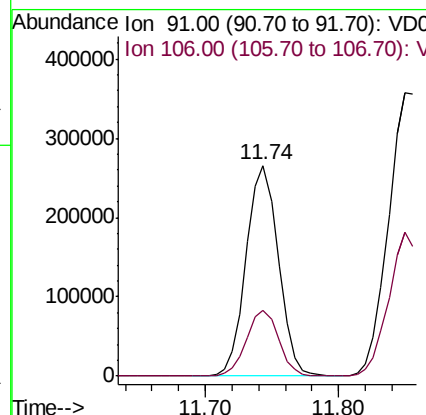
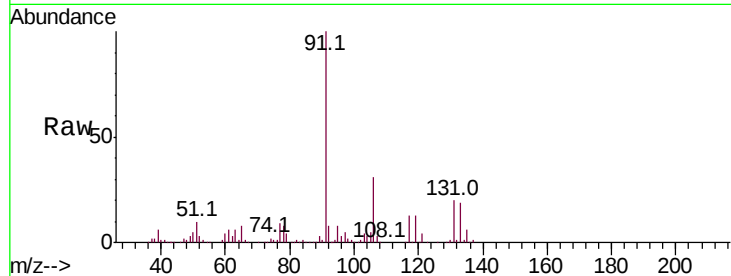




#67
Ethyl Benzene
Concen: 18.663 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

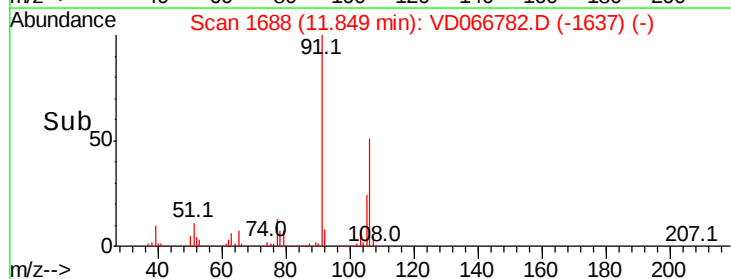
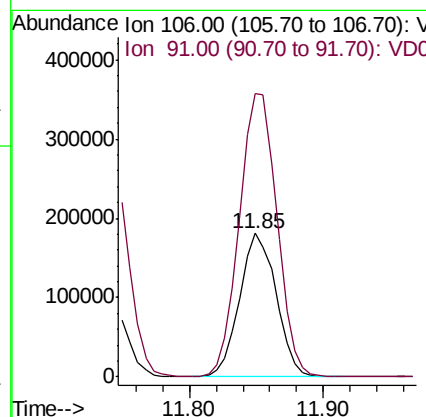
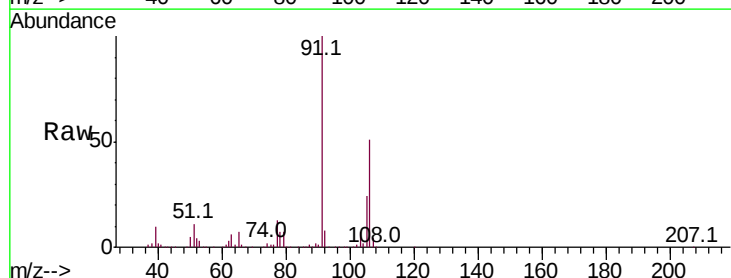
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

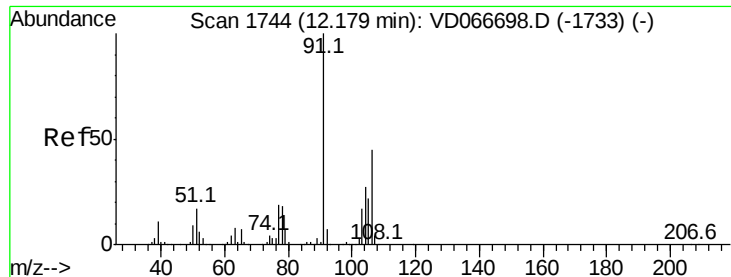
Tot Ion: 91 Resp: 443419
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7



#68
m/p-Xylenes
Concen: 38.307 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion: 106 Resp: 343982
Ion Ratio Lower Upper
106 100
91 203.2 164.8 247.2

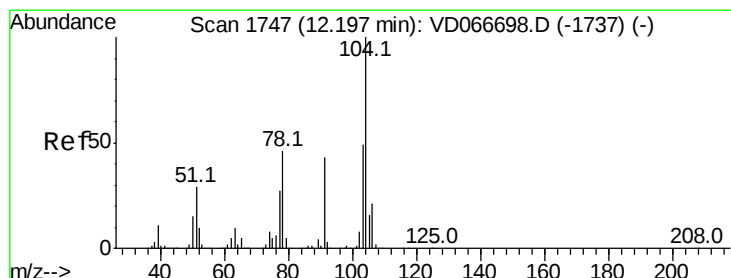
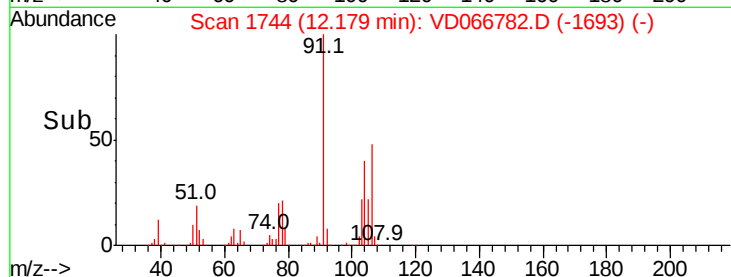
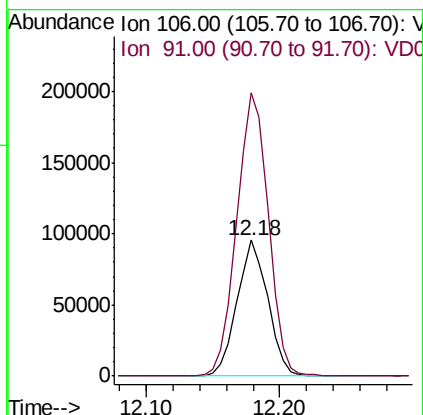
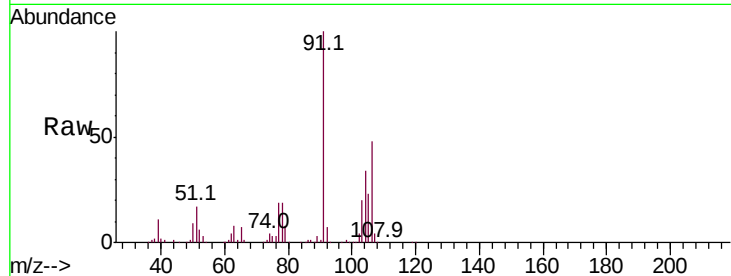




#69
o-Xylene
Concen: 19.208 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

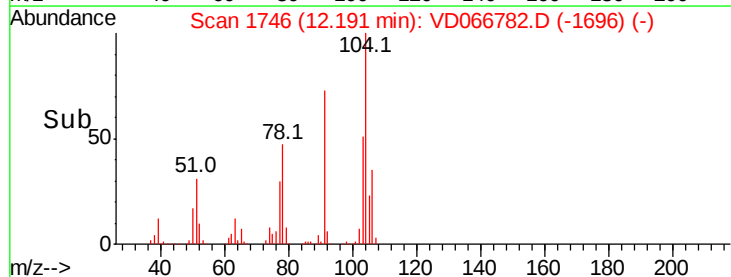
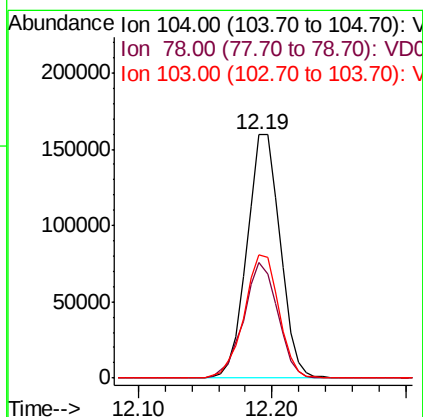
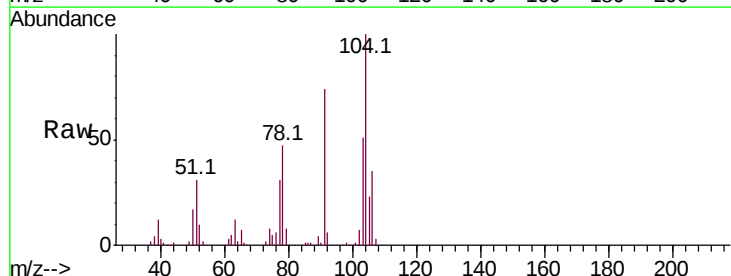
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

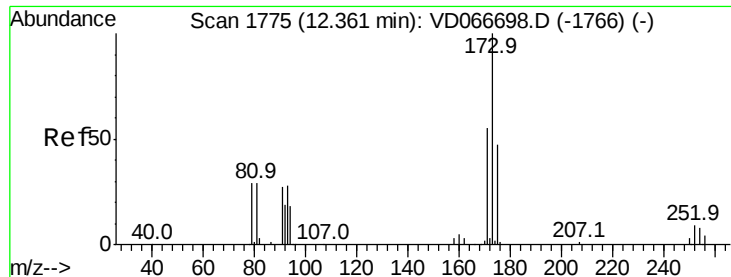
Tot Ion:106 Resp: 152424
Ion Ratio Lower Upper
106 100
91 214.3 109.4 328.2



#70
Styrene
Concen: 19.662 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion:104 Resp: 274603
Ion Ratio Lower Upper
104 100
78 48.7 40.2 60.4
103 53.0 42.5 63.7





#71

Bromoform

Concen: 19.645 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

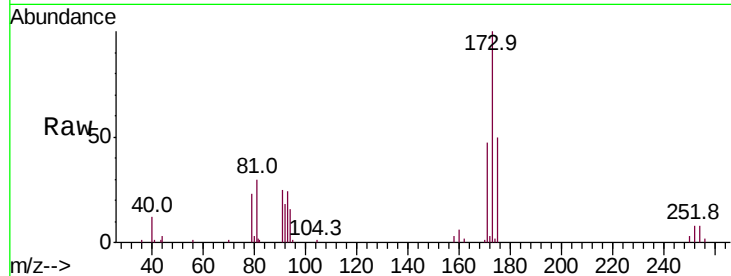
Tot Ion:173 Resp: 47713

Ion Ratio Lower Upper

173 100

175 47.4 24.3 72.8

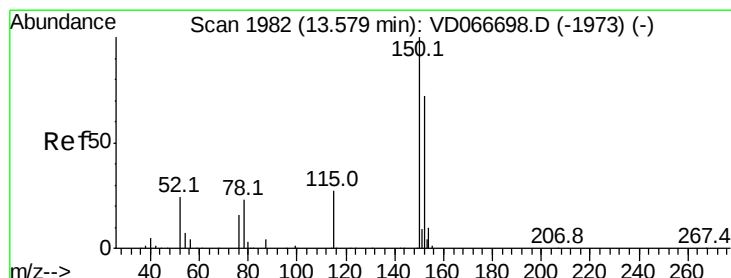
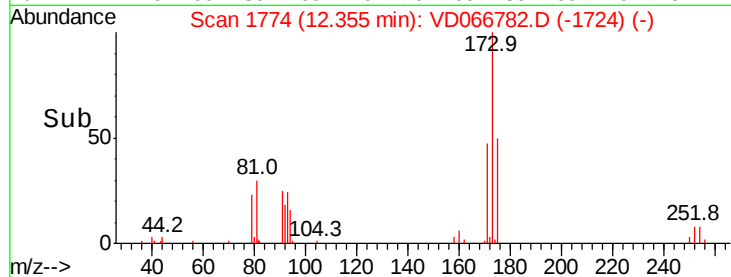
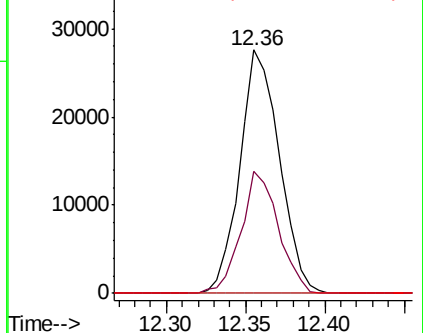
254 0.0 0.1 0.1#



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: VD066782.D

Acq: 21 Sep 2020 14:59

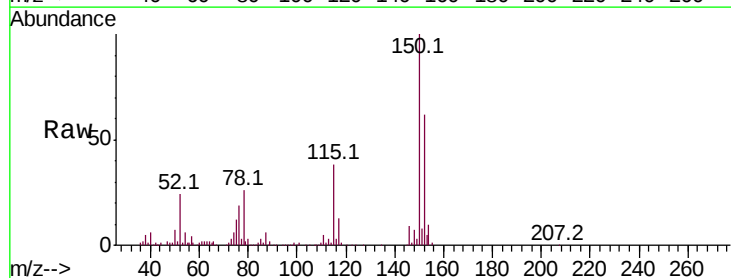
Tgt Ion:152 Resp: 292834

Ion Ratio Lower Upper

152 100

115 60.2 30.5 91.5

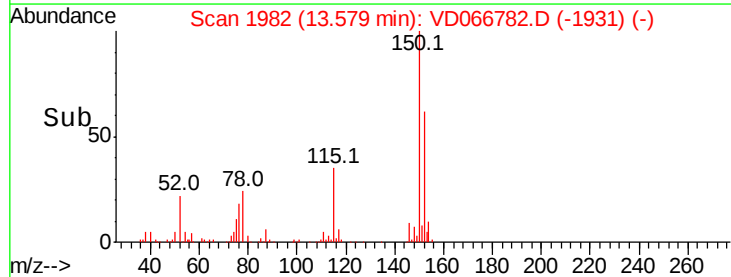
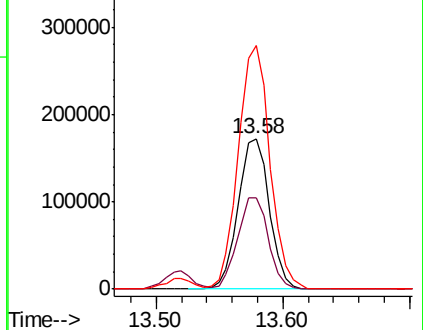
150 165.2 0.0 344.6

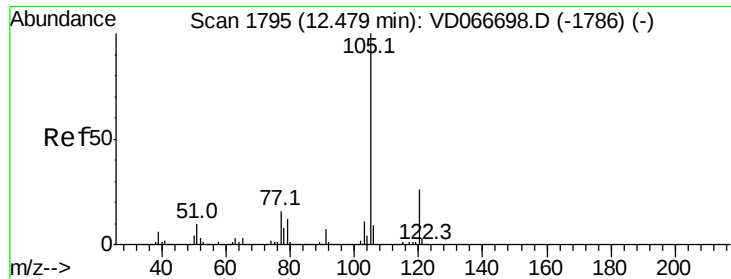


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.247 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

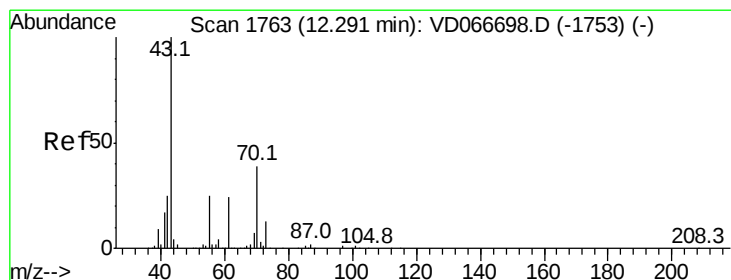
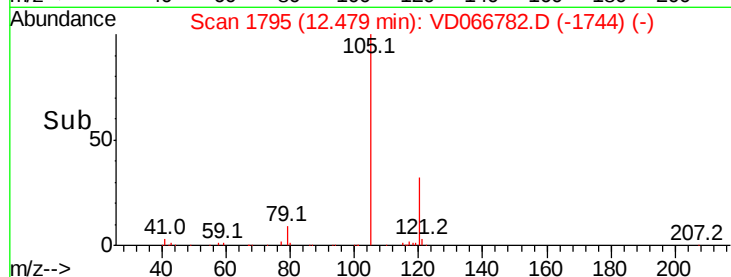
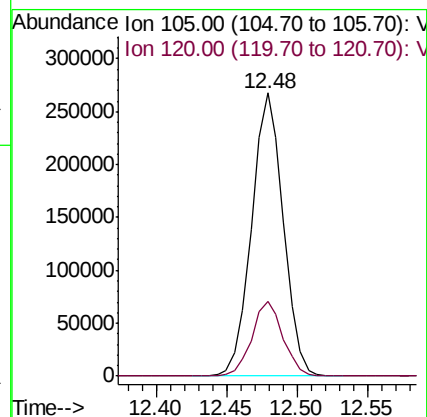
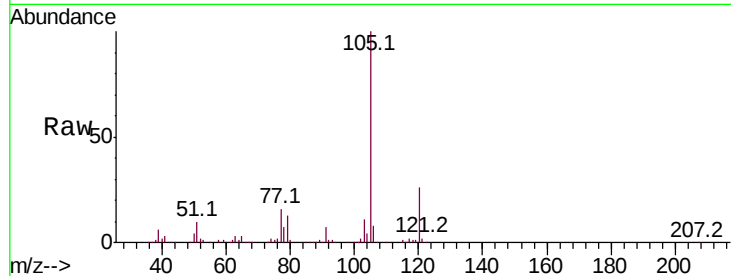
VD0921SBS01

Tot Ion:105 Resp: 420763

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 17.398 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Tgt Ion: 43 Resp: 80231

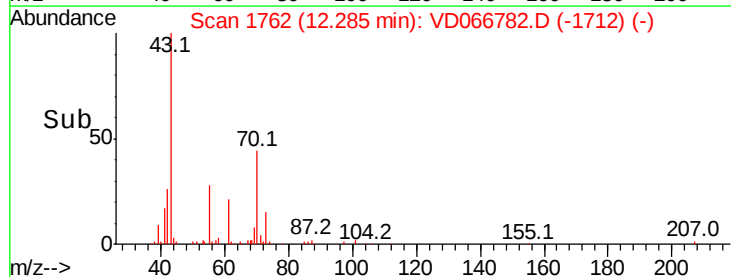
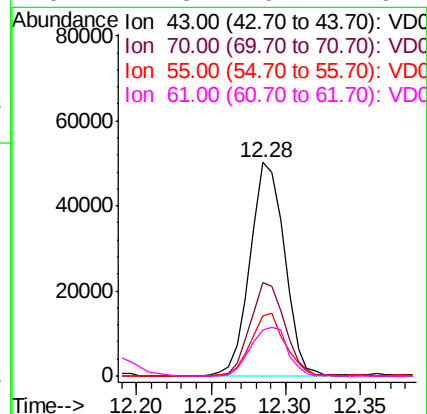
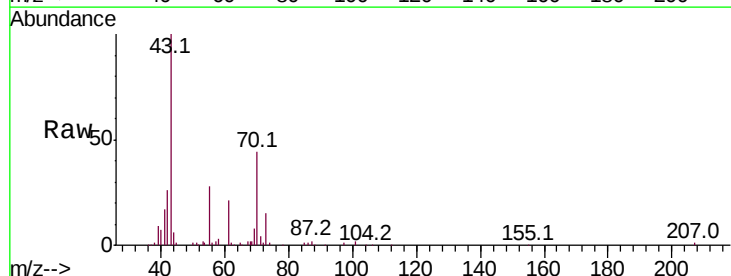
Ion Ratio Lower Upper

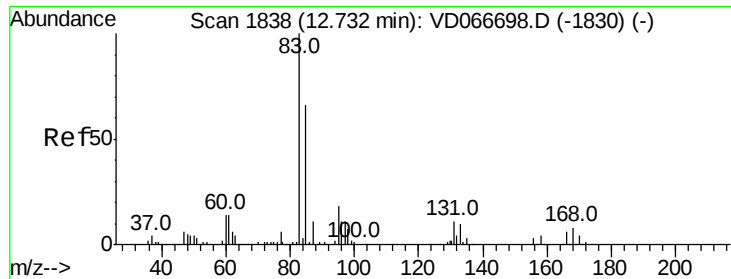
43 100

70 43.7 33.0 49.4

55 29.2 20.6 30.8

61 24.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.569 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

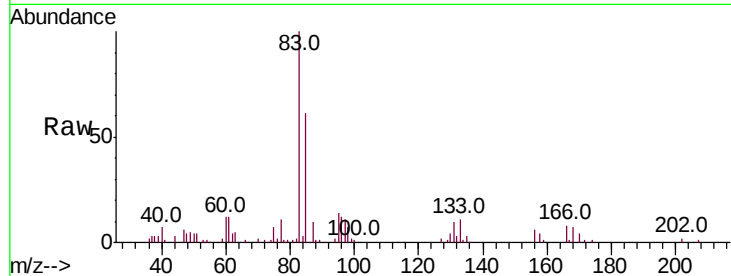
Tot Ion: 83 Resp: 72693

Ion Ratio Lower Upper

83 100

131 10.9 5.8 17.3

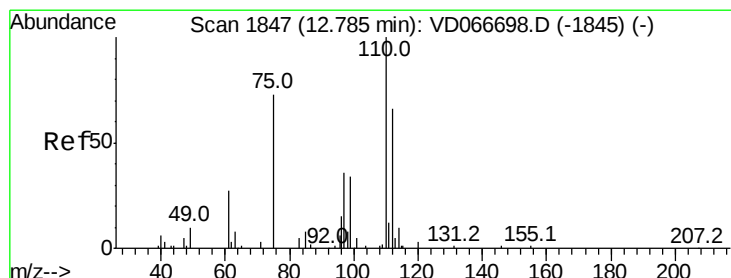
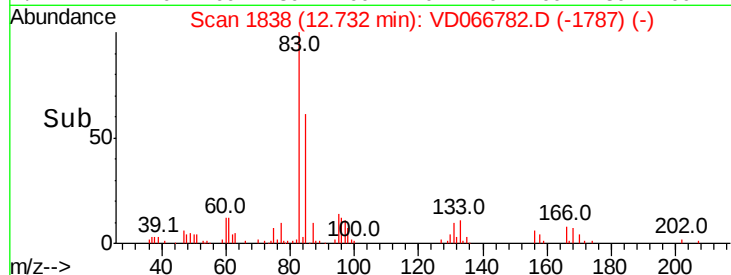
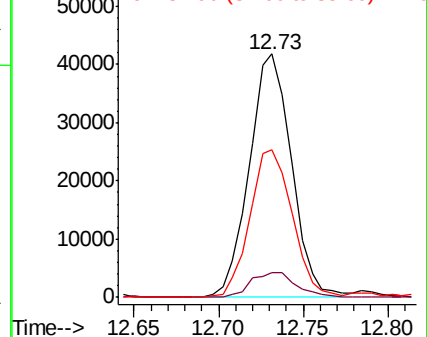
85 61.0 33.3 99.8



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: 37.453 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066782.D

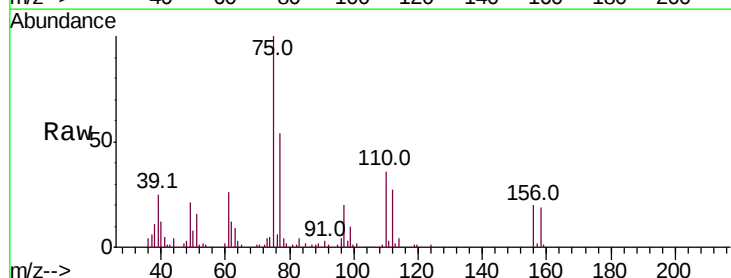
Acq: 21 Sep 2020 14:59

Tgt Ion: 75 Resp: 93878

Ion Ratio Lower Upper

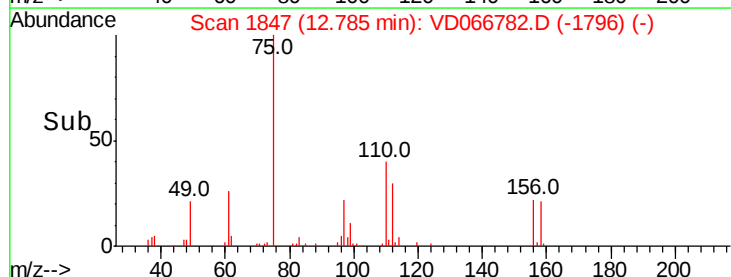
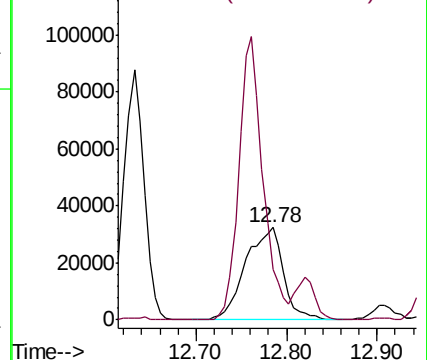
75 100

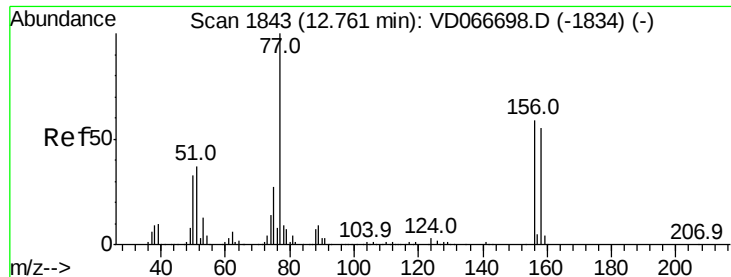
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

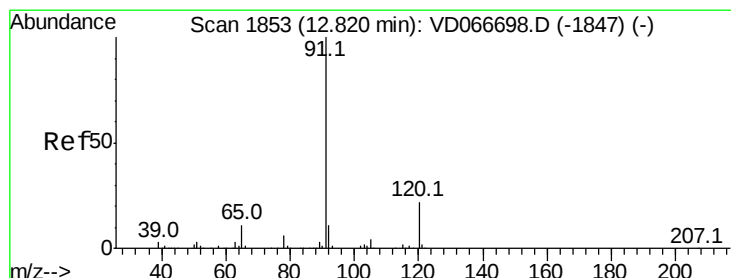
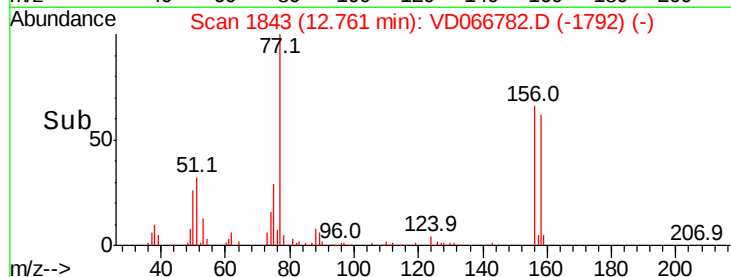
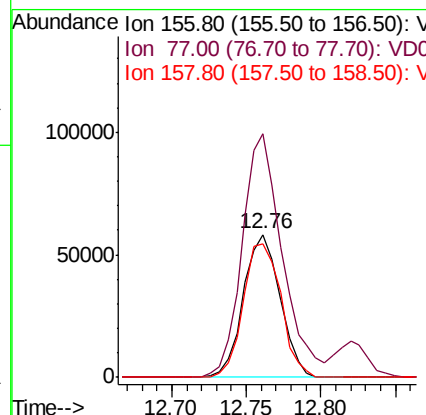
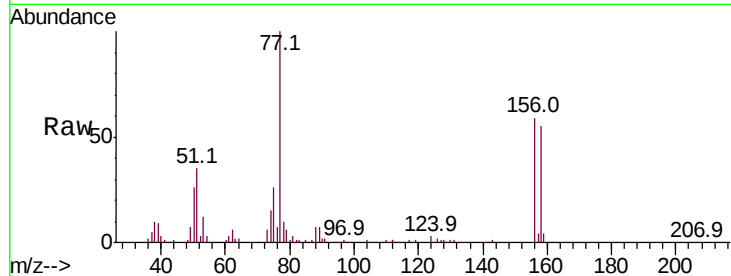




#77
Bromobenzene
Concen: 19.734 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

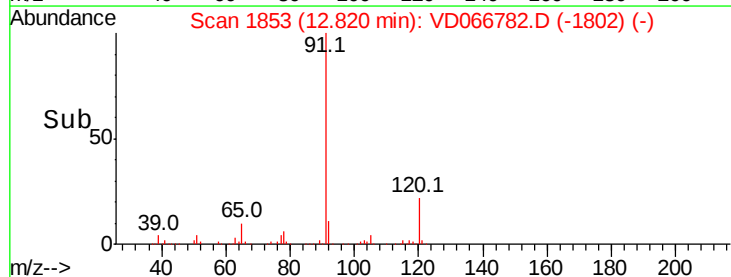
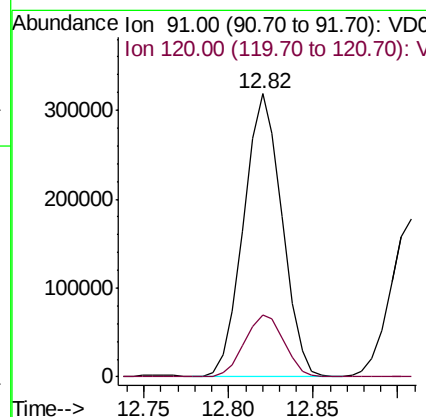
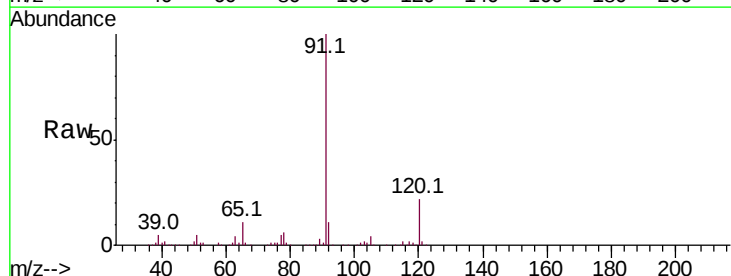
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

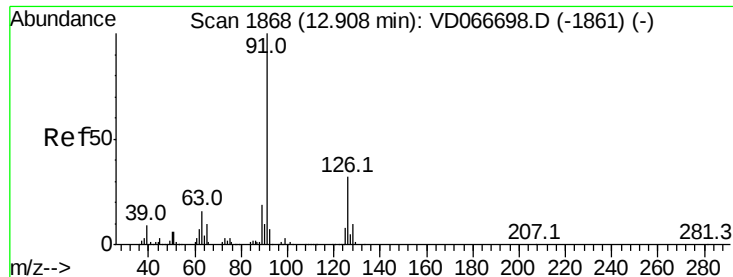
Tot Ion:156 Resp: 99430
Ion Ratio Lower Upper
156 100
77 186.2 95.8 287.3
158 96.2 48.4 145.0



#78
n-propylbenzene
Concen: 18.844 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion: 91 Resp: 502179
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.209 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

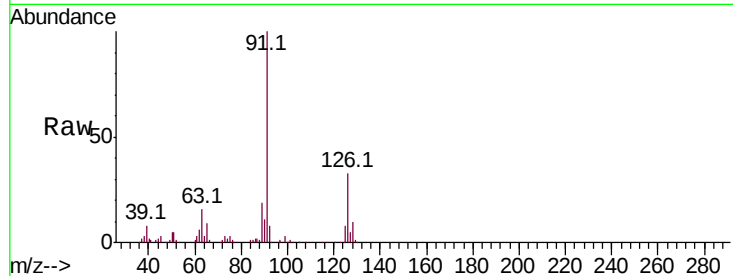
VD0921SBS01

Tot Ion: 91 Resp: 289450

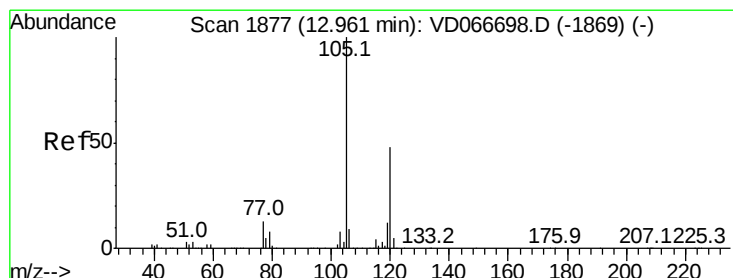
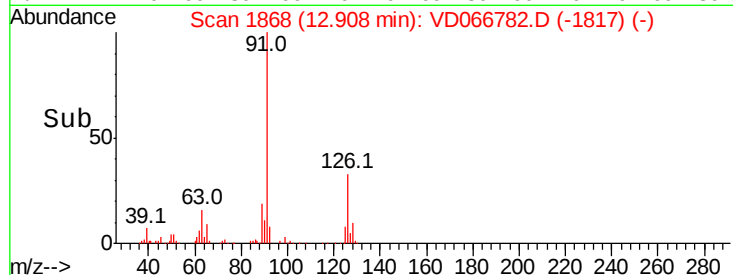
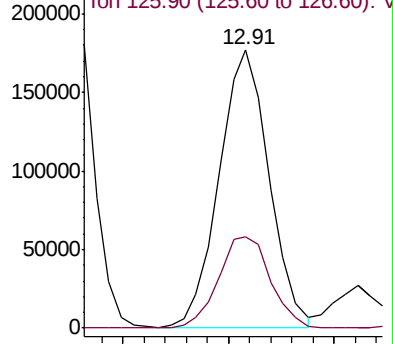
Ion Ratio Lower Upper

91 100

126 34.3 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VD066698.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.084 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066782.D

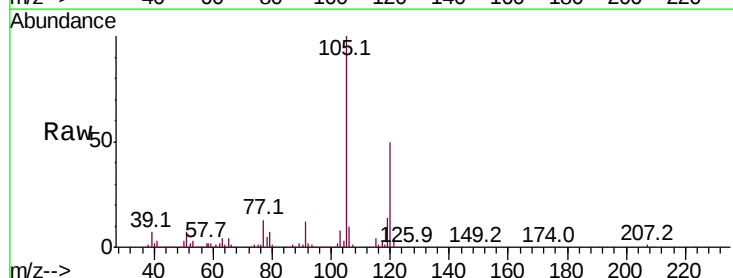
Acq: 21 Sep 2020 14:59

Tgt Ion: 105 Resp: 352738

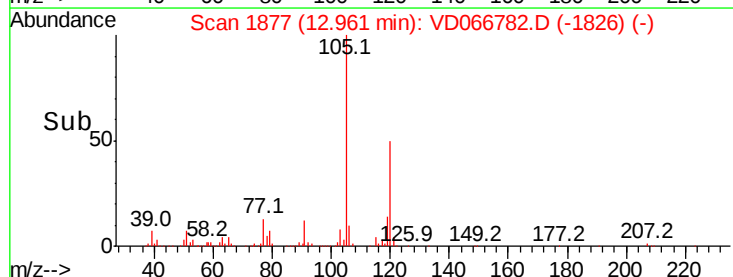
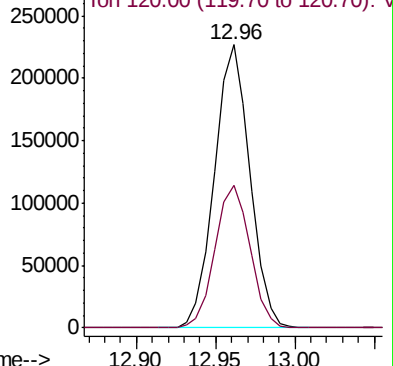
Ion Ratio Lower Upper

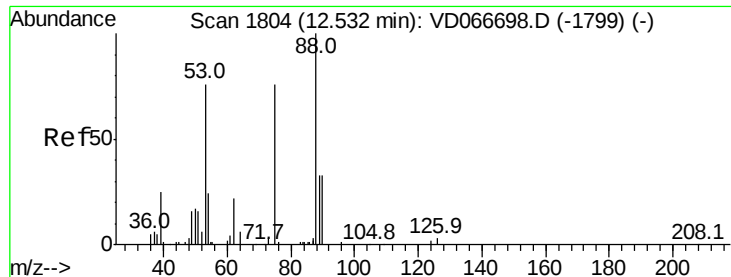
105 100

120 49.9 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD066698.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.259 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

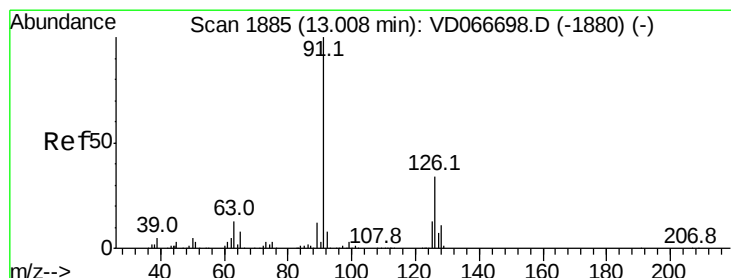
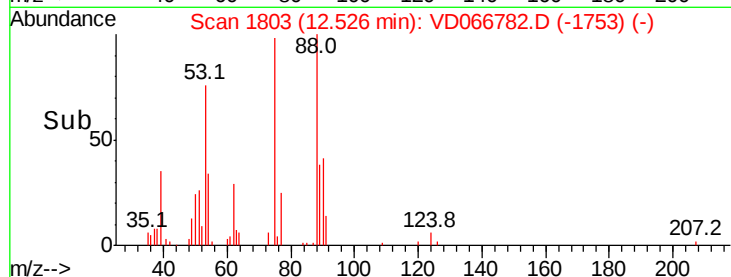
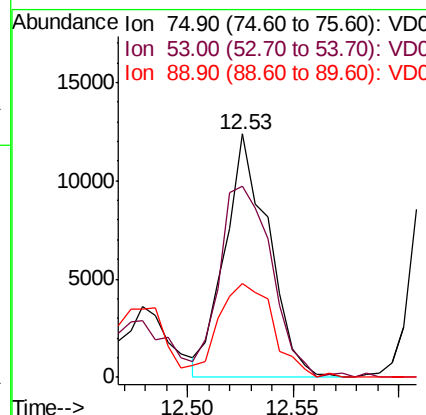
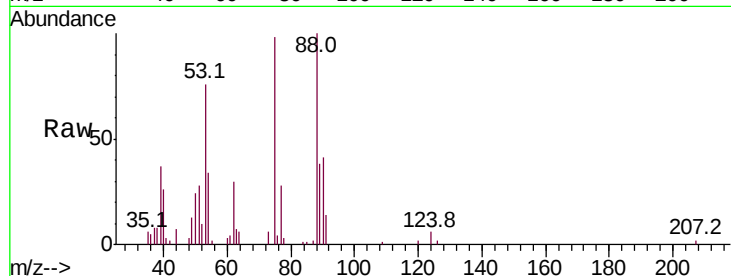
Tot Ion: 75 Resp: 17722

Ion Ratio Lower Upper

75 100

53 91.0 82.2 123.4

89 49.1 39.6 59.4



#82

4-Chlorotoluene

Concen: 19.801 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066782.D

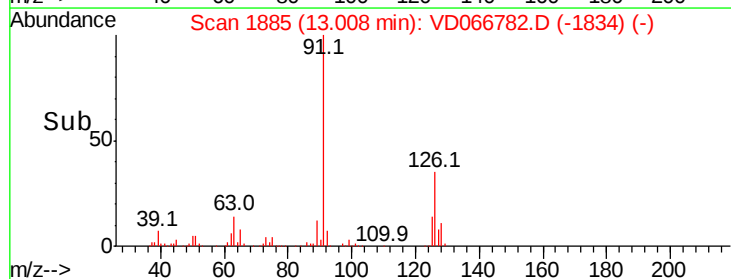
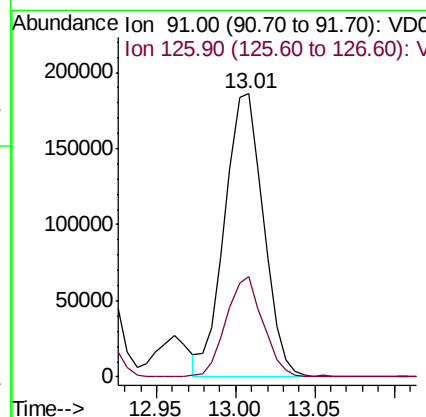
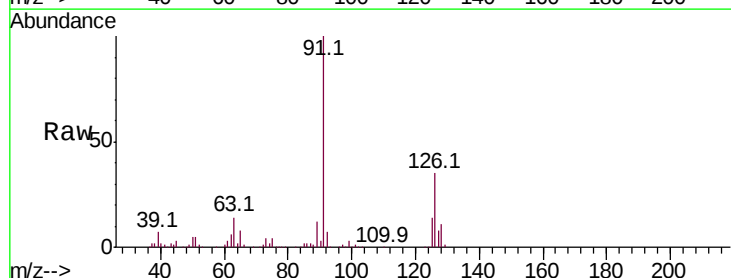
Acq: 21 Sep 2020 14:59

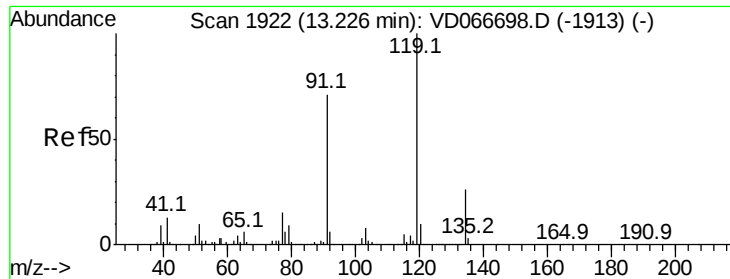
Tgt Ion: 91 Resp: 315487

Ion Ratio Lower Upper

91 100

126 33.8 16.8 50.4

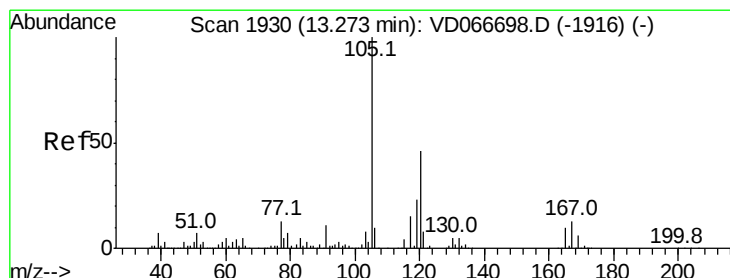
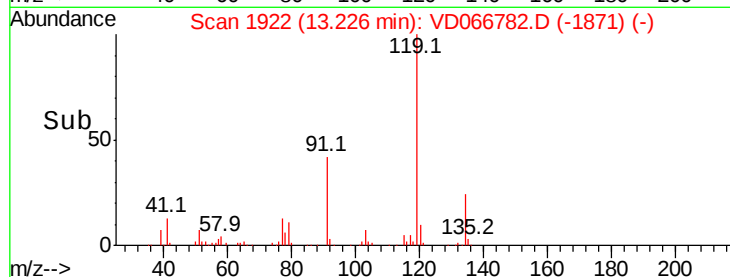
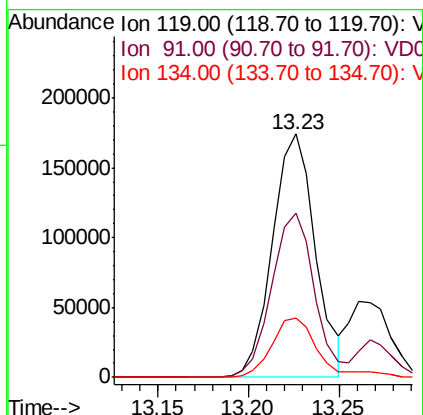
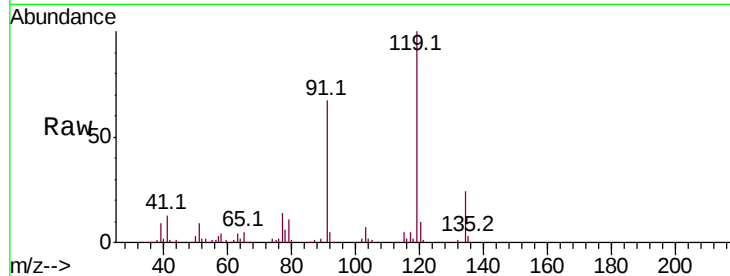




#83
tert-Butylbenzene
Concen: 18.904 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

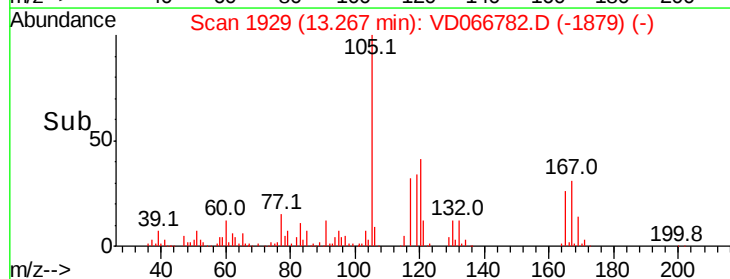
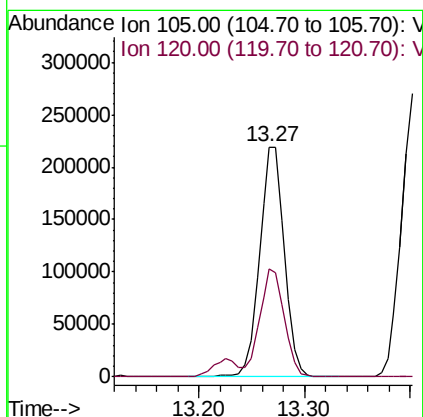
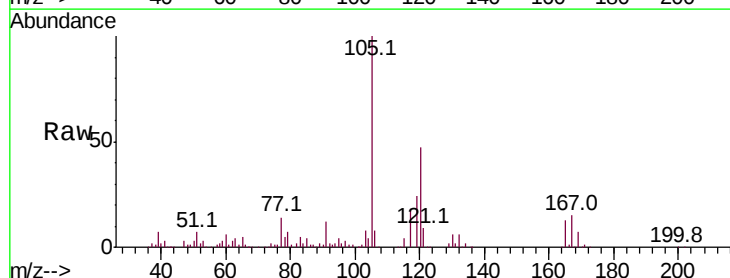
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

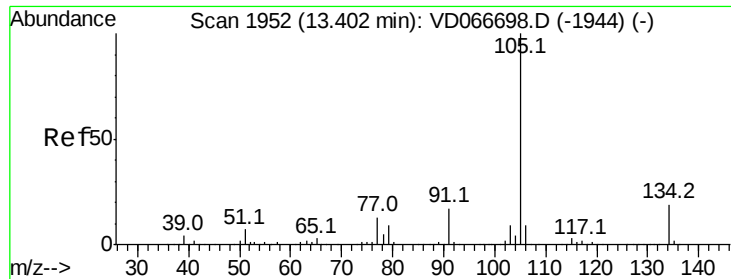
Tot Ion:119 Resp: 288001
Ion Ratio Lower Upper
119 100
91 68.0 35.0 105.1
134 26.9 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.393 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion:105 Resp: 358237
Ion Ratio Lower Upper
105 100
120 46.8 22.4 67.2





#85

sec-Butylbenzene

Concen: 18.888 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

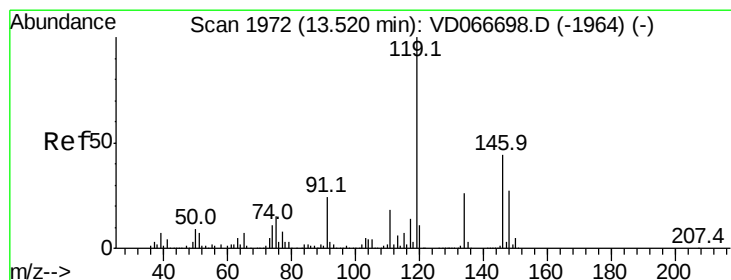
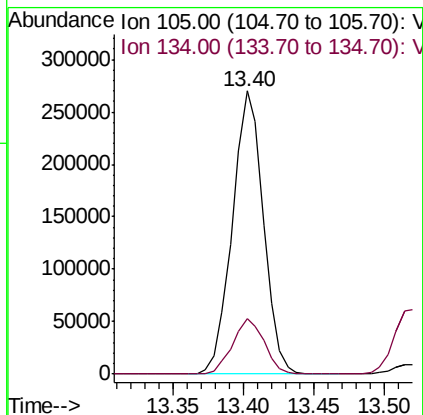
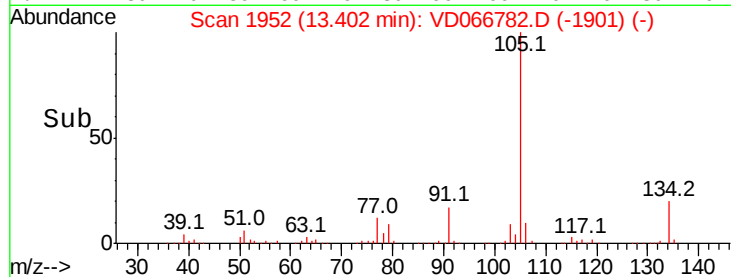
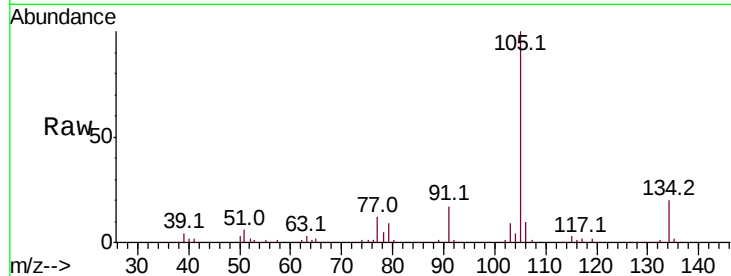
VD0921SBS01

Tot Ion:105 Resp: 412526

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 19.274 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

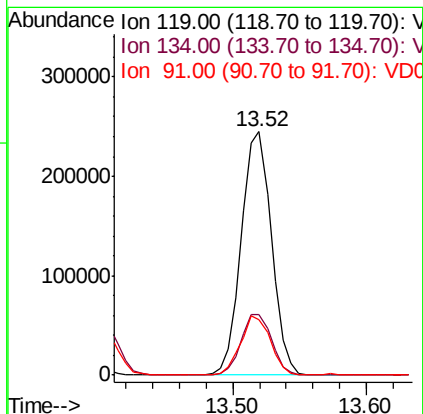
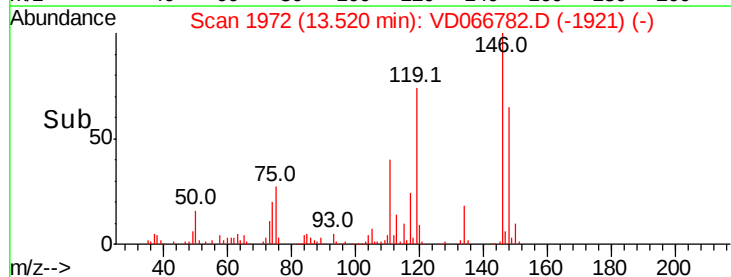
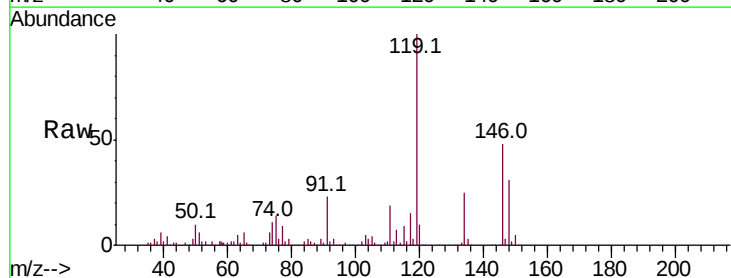
Tgt Ion:119 Resp: 382704

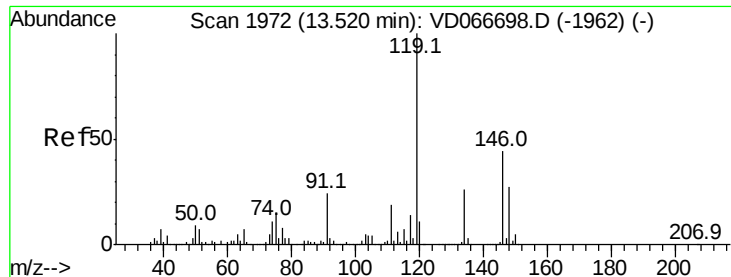
Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.7

91 23.9 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 20.165 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

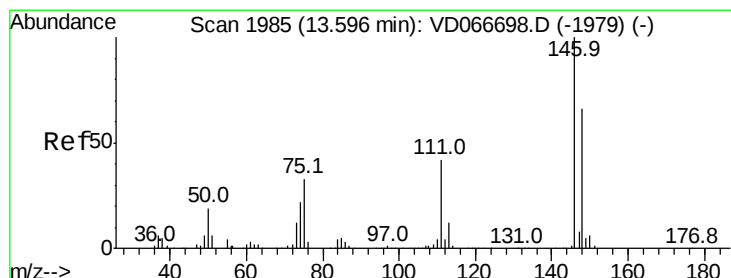
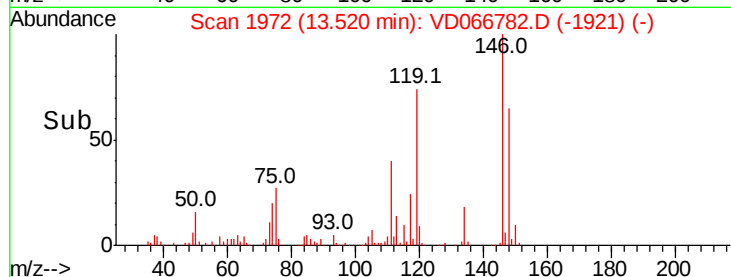
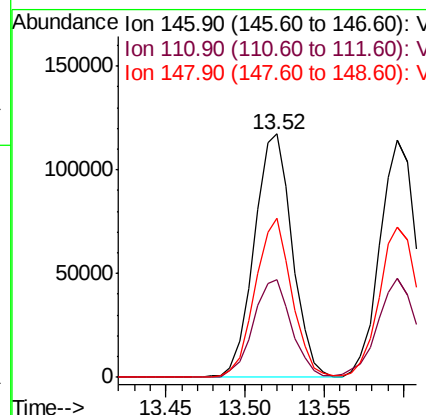
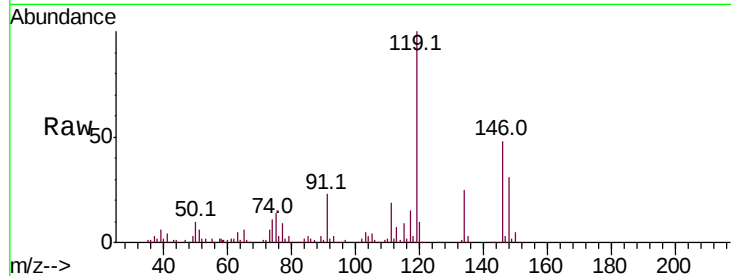
Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Tot Ion:146 Resp: 194922

Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.1	63.3
148	63.2	31.4	94.2



#88

1,4-Dichlorobenzene

Concen: 19.345 ug/l

RT: 13.60 min Scan# 1985

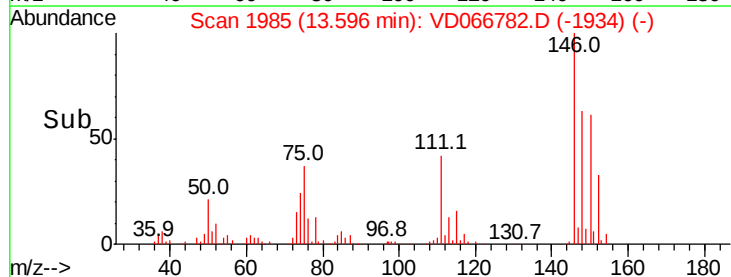
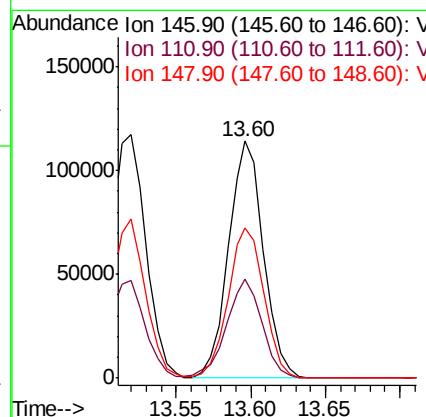
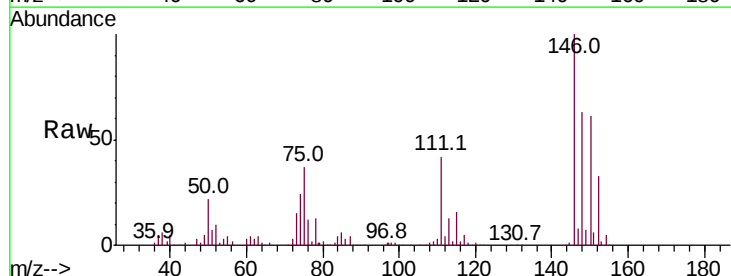
Delta R.T. -0.00 min

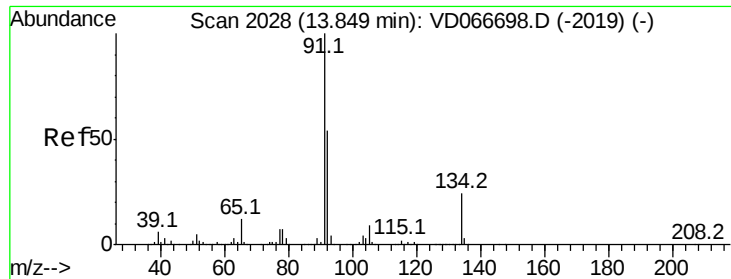
Lab File: VD066782.D

Acq: 21 Sep 2020 14:59

Tgt Ion:146 Resp: 186215

Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.5	61.6
148	65.5	32.7	98.1

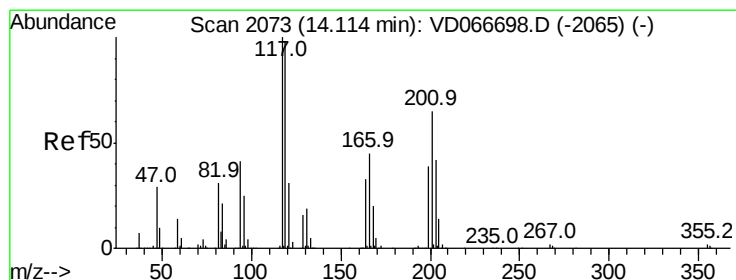
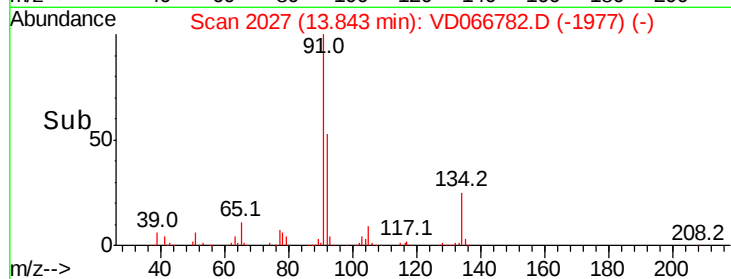
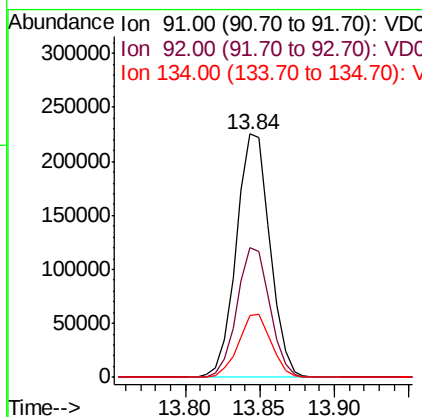
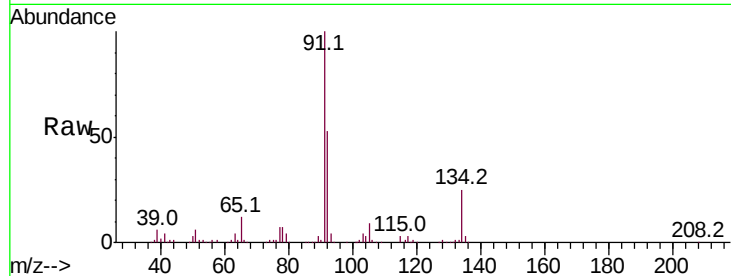




#89
n-Butylbenzene
Concen: 18.677 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

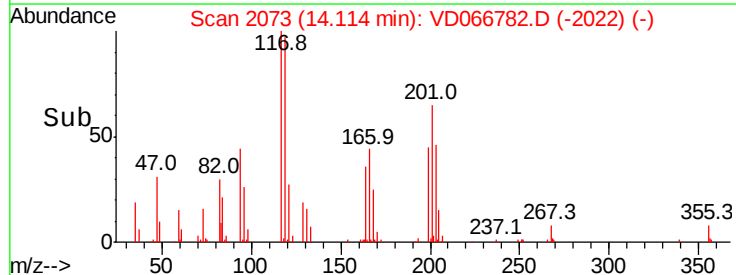
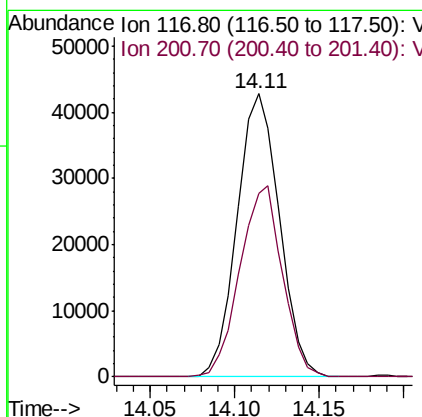
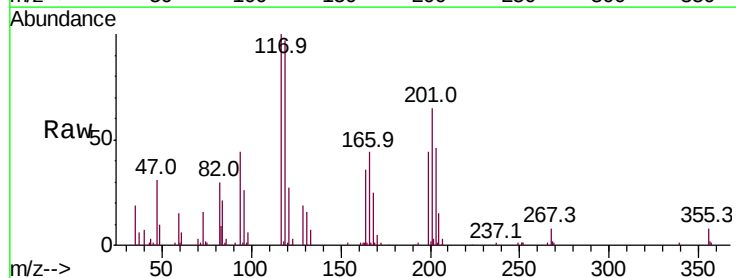
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

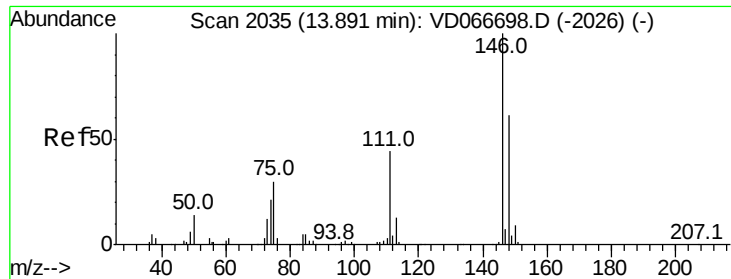
Tot Ion: 91 Resp: 352626
Ion Ratio Lower Upper
91 100
92 52.2 27.0 81.0
134 25.2 12.4 37.0



#90
Hexachloroethane
Concen: 18.269 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion: 117 Resp: 74517
Ion Ratio Lower Upper
117 100
201 67.8 33.1 99.3

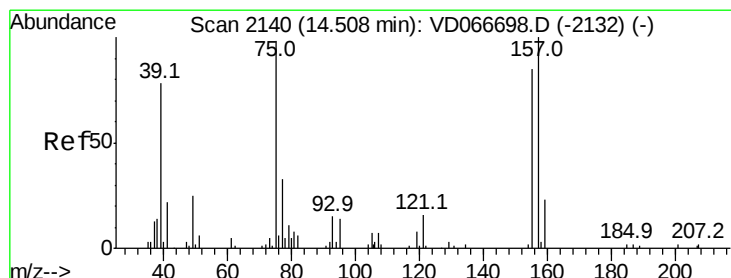
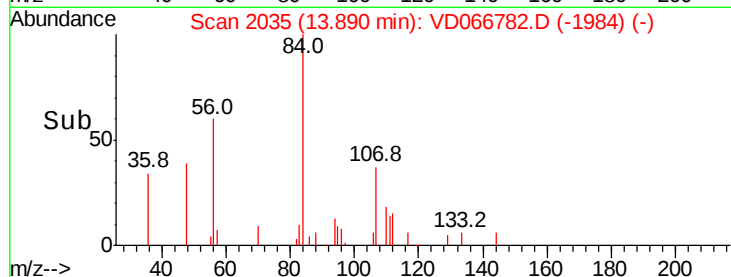
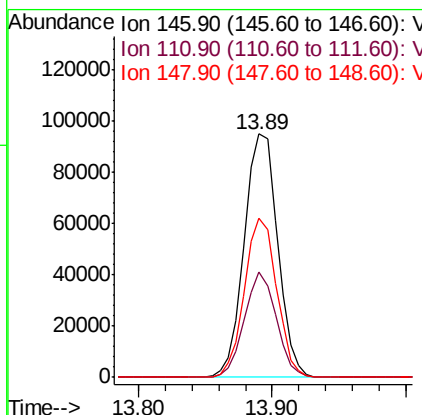
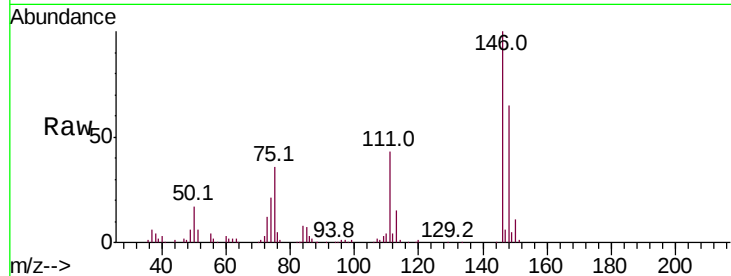




#91
 1,2-Dichlorobenzene
 Concen: 19.865 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

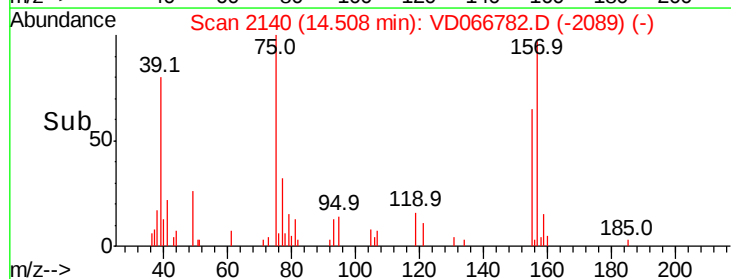
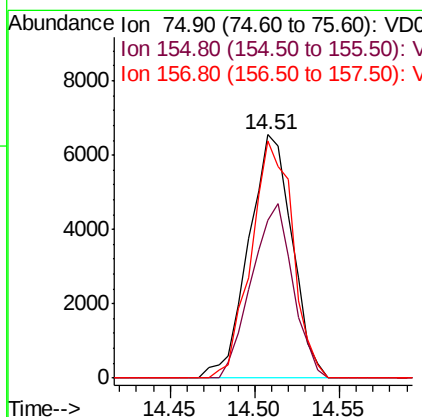
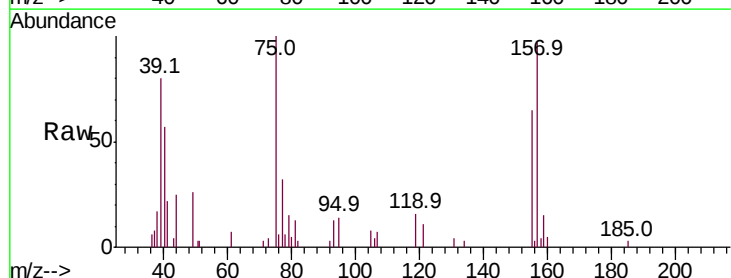
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

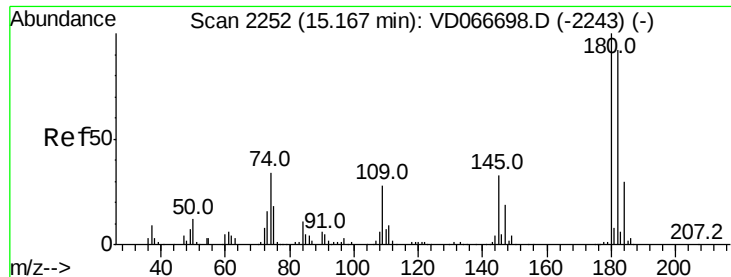
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.6	64.6
148	62.9	31.4	94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.509 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.9	38.9	116.7
157	93.4	46.4	139.2

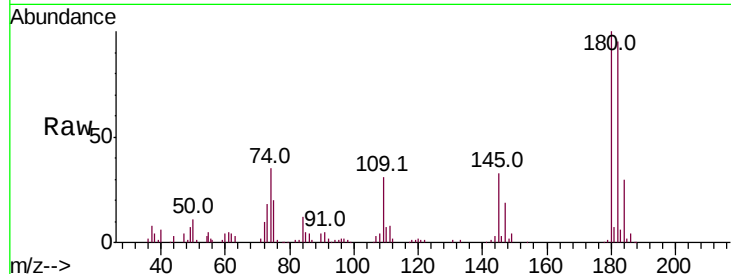




#93
 1,2,4-Trichlorobenzene
 Concen: 20.519 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.6	139.7
145	33.5	16.5	49.5

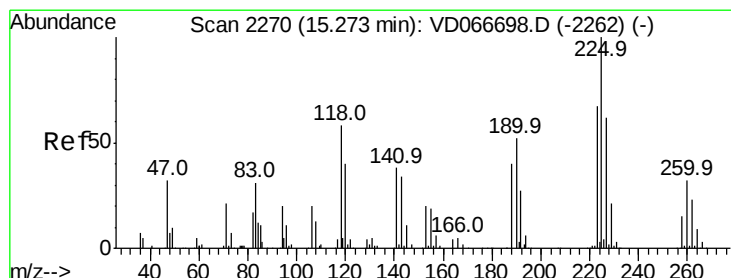
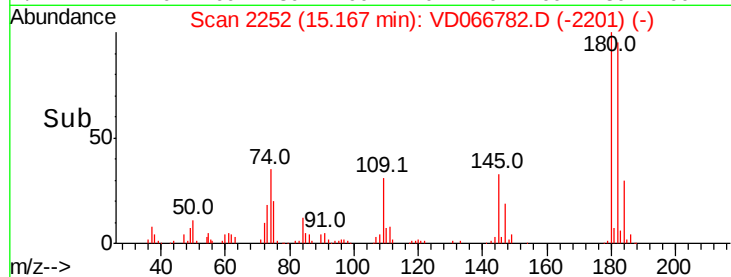
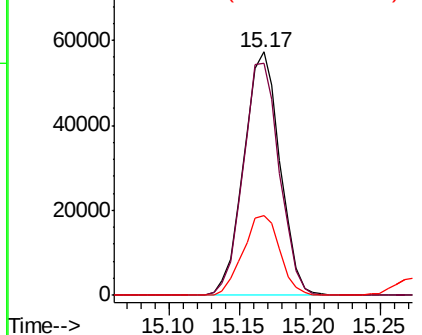


Abundance

Ion 179.80 (179.50 to 180.50): V

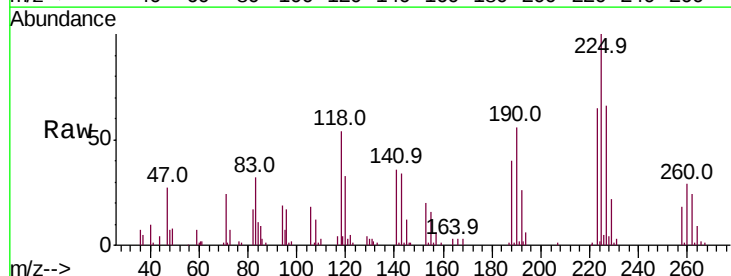
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.151 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066782.D
 Acq: 21 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	31.9	95.9
227	67.6	31.3	93.9

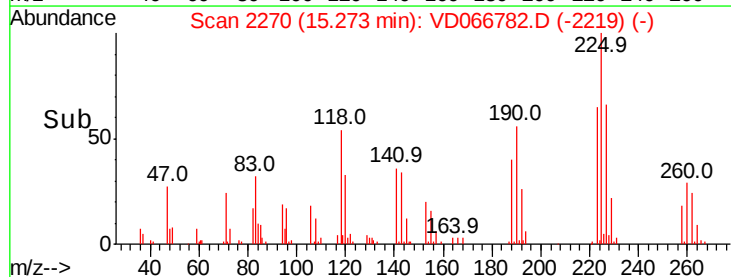
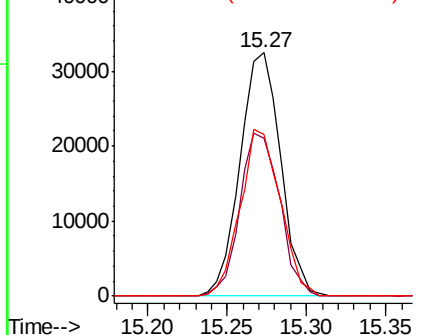


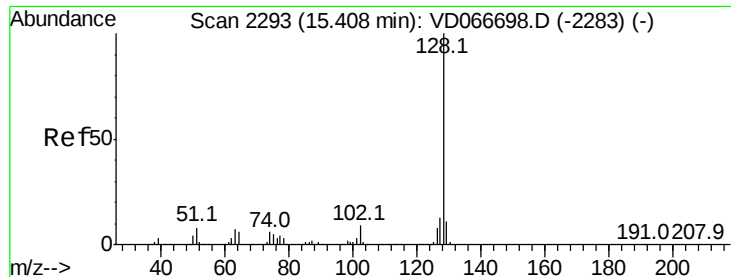
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

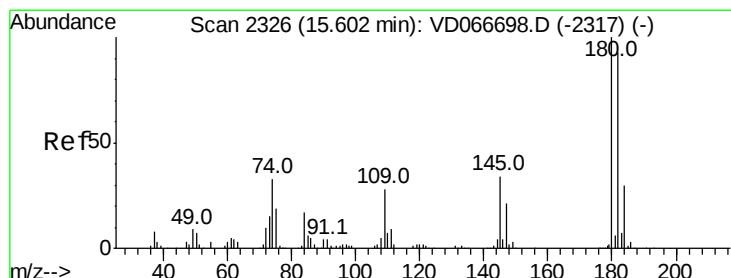
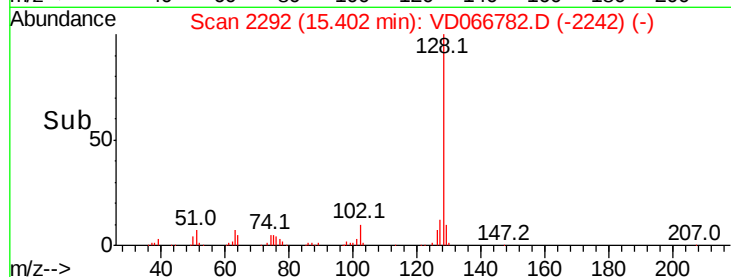
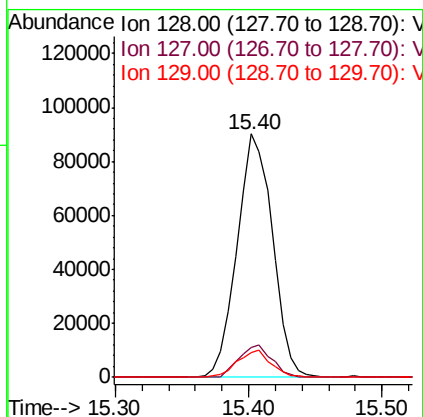
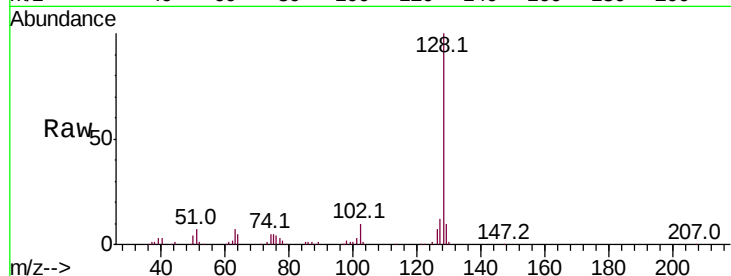




#95
Naphthalene
Concen: 18.985 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Tot Ion:128 Resp: 166174
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.855 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066782.D
Acq: 21 Sep 2020 14:59

Tgt Ion:180 Resp: 86878
Ion Ratio Lower Upper
180 100
182 94.8 46.6 139.8
145 33.6 17.1 51.3

