

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112619\
 Data File : VD064377.D
 Acq On : 26 Nov 2019 11:56
 Operator : VA/SY
 Sample : VD1126SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

Quant Time: Nov 26 12:59:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	485888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	703215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	611980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	294972	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	198276	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	7.91	113	207497	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.34	98	769700	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.64	95	256738	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	72252	17.929	ug/l 98
3) Chloromethane	2.21	50	87880	20.331	ug/l 99
4) Vinyl Chloride	2.35	62	107245	23.201	ug/l 99
5) Bromomethane	2.76	94	74918	25.667	ug/l 98
6) Chloroethane	2.92	64	74975	25.384	ug/l 94
7) Trichlorofluoromethane	3.27	101	190134	25.371	ug/l 97
8) Diethyl Ether	3.70	74	39466	19.153	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	84887	19.818	ug/l 98
10) Methyl Iodide	4.29	142	80117	17.751	ug/l 99
11) Tert butyl alcohol	5.25	59	24189	86.664	ug/l # 86
12) 1,1-Dichloroethene	4.06	96	81220	19.893	ug/l 95
13) Acrolein	3.93	56	13165	55.755	ug/l 92
14) Allyl chloride	4.71	41	128997	17.870	ug/l 95
15) Acrylonitrile	5.43	53	84571	96.272	ug/l 99
16) Acetone	4.17	43	78310	82.720	ug/l 93
17) Carbon Disulfide	4.40	76	224617	17.666	ug/l 98
18) Methyl Acetate	4.73	43	48538	18.357	ug/l 98
19) Methyl tert-butyl Ether	5.49	73	180685	18.538	ug/l 99
20) Methylene Chloride	4.96	84	88565	18.520	ug/l 90
21) trans-1,2-Dichloroethene	5.47	96	91615	19.806	ug/l 92
22) Diisopropyl ether	6.37	45	248400	18.546	ug/l 97
23) Vinyl Acetate	6.31	43	694224	92.984	ug/l 99
24) 1,1-Dichloroethane	6.26	63	154656	19.887	ug/l 99
25) 2-Butanone	7.22	43	110049	89.978	ug/l 100
26) 2,2-Dichloropropane	7.20	77	142331	18.662	ug/l 98
27) cis-1,2-Dichloroethene	7.21	96	99925	20.144	ug/l 96
28) Bromochloromethane	7.54	49	44252	16.344	ug/l 99
29) Tetrahydrofuran	7.57	42	64451	87.707	ug/l 95
30) Chloroform	7.71	83	166668	20.952	ug/l 99
31) Cyclohexane	7.98	56	145650	18.570	ug/l 96
32) 1,1,1-Trichloroethane	7.90	97	148414	19.484	ug/l 99
36) 1,1-Dichloropropene	8.11	75	124083	19.119	ug/l 98
37) Ethyl Acetate	7.30	43	49592	18.125	ug/l 96
38) Carbon Tetrachloride	8.09	117	135318	19.486	ug/l 97

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 ClientSampleId :
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 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	152144	18.526	ug/l	99
40) Benzene	8.35	78	348455	19.645	ug/l	100
41) Methacrylonitrile	7.53	41	26021	15.131	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	101101	18.978	ug/l	98
43) Isopropyl Acetate	8.46	43	98517	17.476	ug/l	96
44) Trichloroethene	9.11	130	104726	19.672	ug/l	100
45) 1,2-Dichloropropane	9.39	63	85002	19.689	ug/l	99
46) Dibromomethane	9.47	93	44733	19.354	ug/l	98
47) Bromodichloromethane	9.66	83	121203	19.468	ug/l	99
48) Methyl methacrylate	9.46	41	44505	16.145	ug/l	91
49) 1,4-Dioxane	9.47	88	10230	368.538	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	241582	89.363	ug/l	99
52) Toluene	10.40	92	224438	19.243	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	111761	17.919	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	135262	18.584	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	62504	19.935	ug/l	97
56) Ethyl methacrylate	10.66	69	77633	17.700	ug/l	96
57) 1,3-Dichloropropane	10.95	76	106835	19.538	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	199230	112.137	ug/l	100
59) 2-Hexanone	10.98	43	169199	87.973	ug/l	100
60) Dibromochloromethane	11.14	129	84730	19.367	ug/l	98
61) 1,2-Dibromoethane	11.25	107	60804	19.362	ug/l	100
64) Tetrachloroethene	10.87	164	91437	19.427	ug/l	95
65) Chlorobenzene	11.67	112	244499	19.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	90635	19.154	ug/l	100
67) Ethyl Benzene	11.74	91	434026	19.281	ug/l	99
68) m/p-Xylenes	11.86	106	326477	37.838	ug/l	100
69) o-Xylene	12.18	106	150944	18.863	ug/l	98
70) Styrene	12.20	104	259434	18.573	ug/l	98
71) Bromoform	12.36	173	49754	18.475	ug/l #	96
73) Isopropylbenzene	12.48	105	423081	19.541	ug/l	99
74) N-amyl acetate	12.29	43	87538	17.121	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	64080	19.642	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	83501	35.145	ug/l #	100
77) Bromobenzene	12.77	156	102763	19.537	ug/l	98
78) n-propylbenzene	12.83	91	490574	19.832	ug/l	99
79) 2-Chlorotoluene	12.91	91	268504	19.226	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	341545	19.198	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	19707	16.476	ug/l	92
82) 4-Chlorotoluene	13.01	91	279170	19.165	ug/l	99
83) tert-Butylbenzene	13.23	119	303873	19.371	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	336861	19.179	ug/l	100
85) sec-Butylbenzene	13.41	105	414991	19.696	ug/l	99
86) p-Isopropyltoluene	13.52	119	385302	19.236	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	188879	19.345	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	188763	19.808	ug/l	98
89) n-Butylbenzene	13.85	91	352495	19.478	ug/l	98
90) Hexachloroethane	14.12	117	70431	19.026	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	160873	19.466	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10998	18.855	ug/l	93

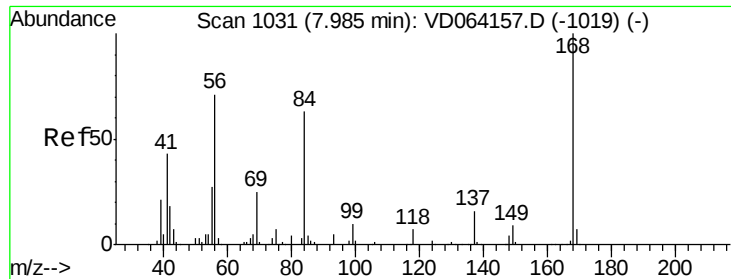
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD112619\
Data File : VD064377.D
Acq On : 26 Nov 2019 11:56
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Quant Time: Nov 26 12:59:55 2019
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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	125878	19.745	ug/l	97
94) Hexachlorobutadiene	15.28	225	77384	18.793	ug/l	96
95) Naphthalene	15.41	128	196145	18.769	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	103164	19.037	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

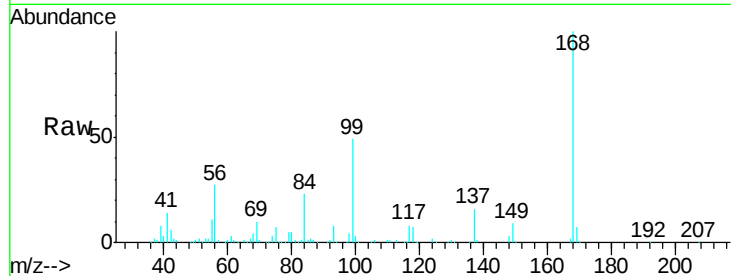
VD1126SBS01

Tgt Ion:168 Resp: 485888

Ion Ratio Lower Upper

168 100

99 48.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

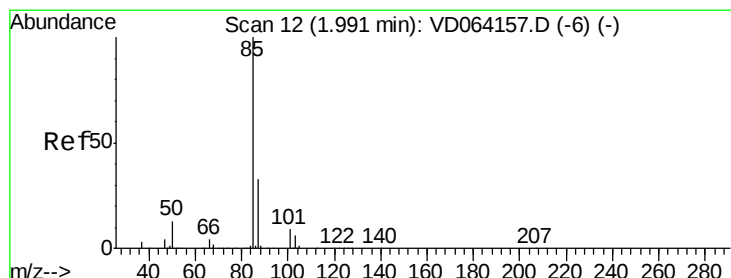
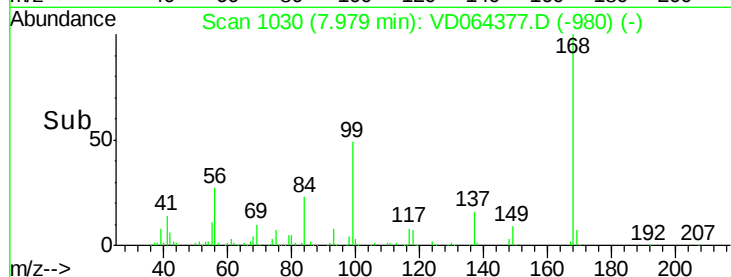
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.929 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064377.D

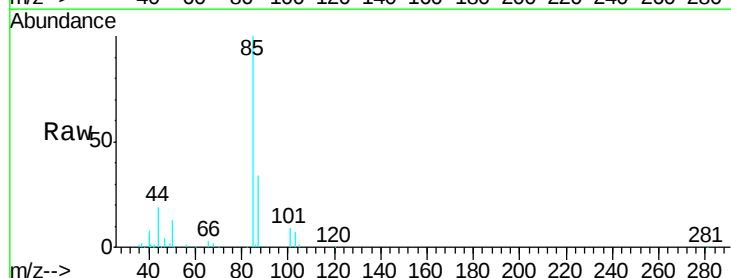
Acq: 26 Nov 2019 11:56

Tgt Ion: 85 Resp: 72252

Ion Ratio Lower Upper

85 100

87 34.2 16.4 49.2



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

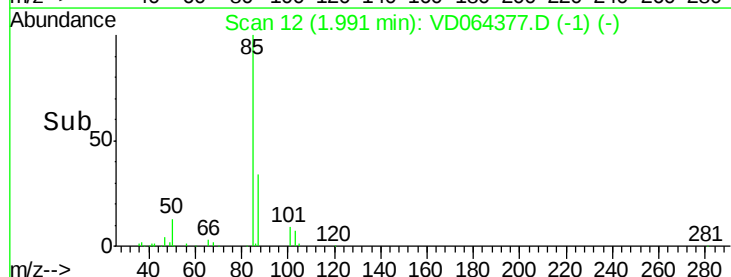
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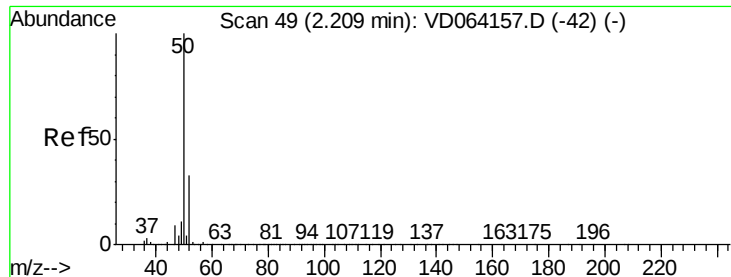
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.331 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

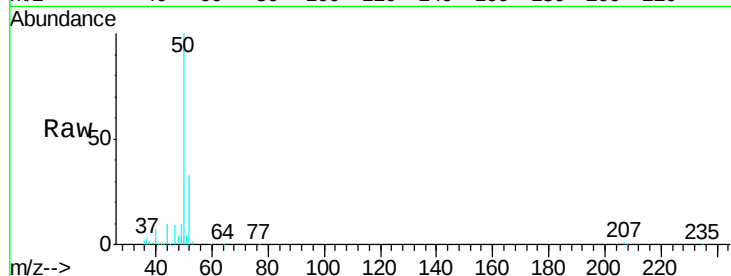
VD1126SBS01

Tgt Ion: 50 Resp: 87880

Ion Ratio Lower Upper

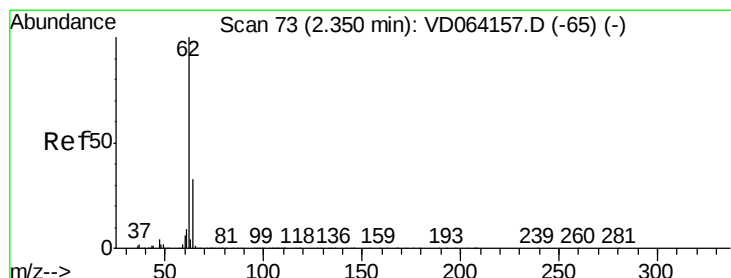
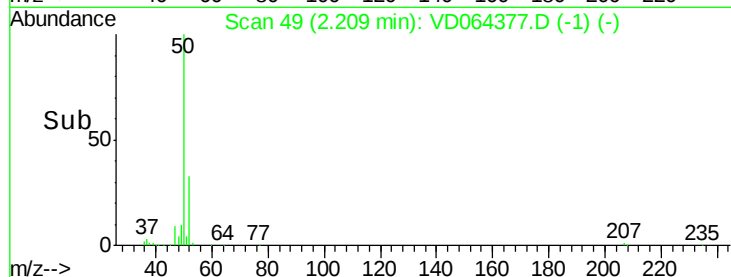
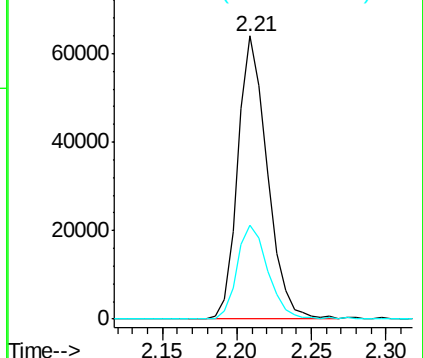
50 100

52 33.2 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 23.201 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064377.D

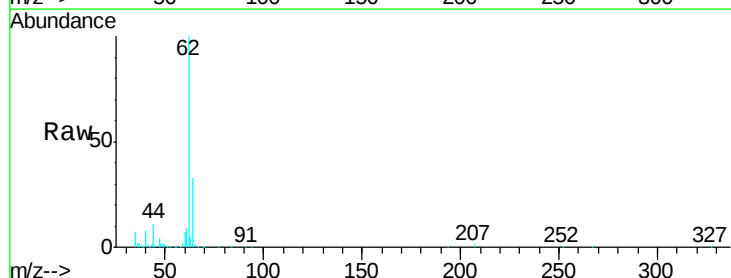
Acq: 26 Nov 2019 11:56

Tgt Ion: 62 Resp: 107245

Ion Ratio Lower Upper

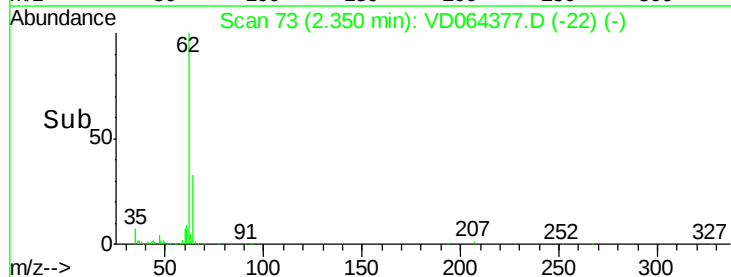
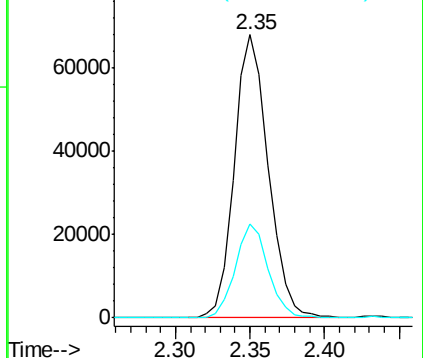
62 100

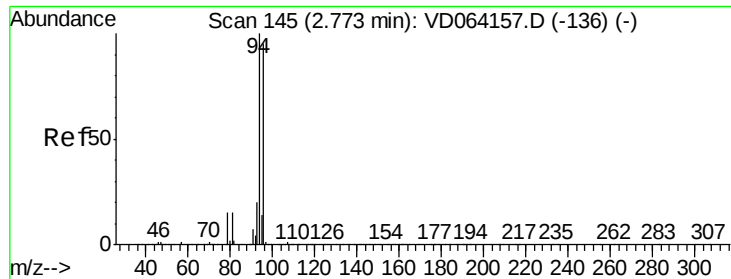
64 33.0 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 25.667 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

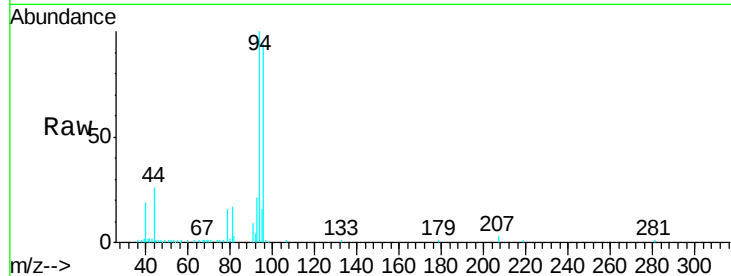
VD1126SBS01

Tgt Ion: 94 Resp: 74918

Ion Ratio Lower Upper

94 100

96 93.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

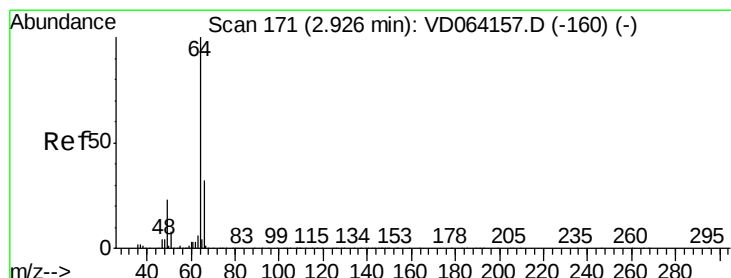
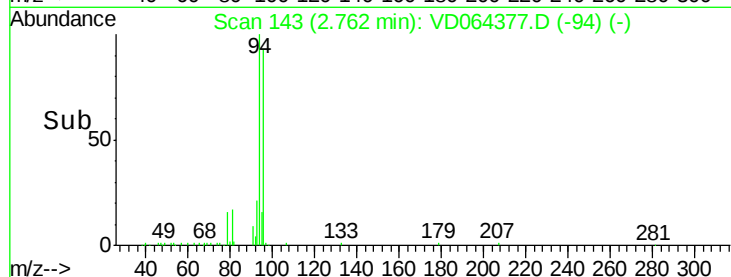
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 25.384 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD064377.D

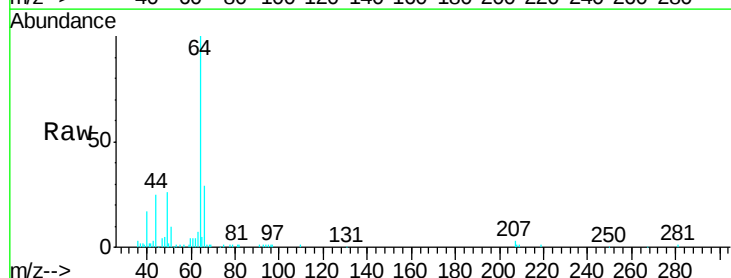
Acq: 26 Nov 2019 11:56

Tgt Ion: 64 Resp: 74975

Ion Ratio Lower Upper

64 100

66 28.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

40000

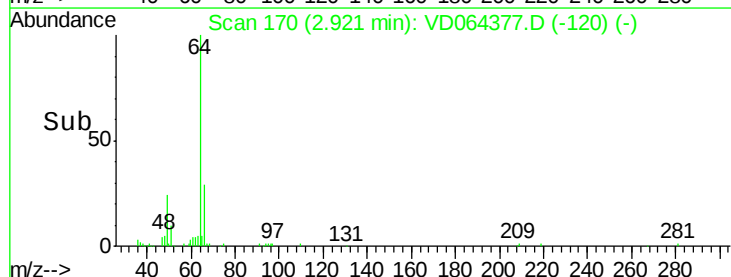
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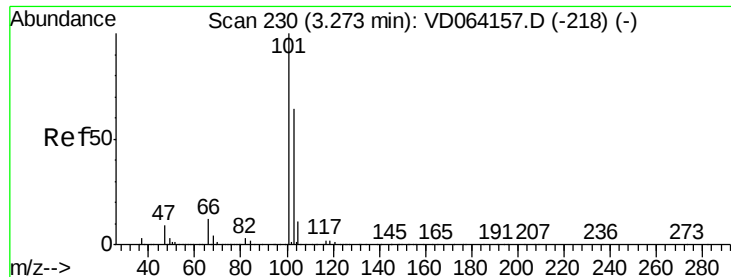
20000

10000

0

Time-->



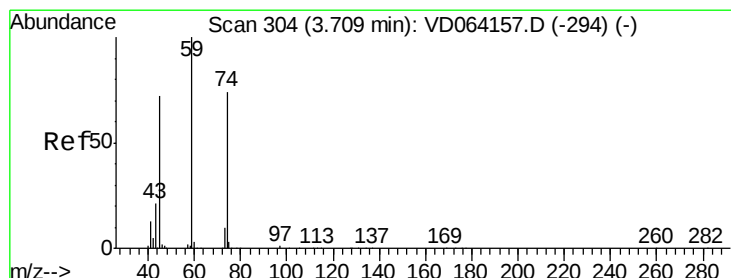
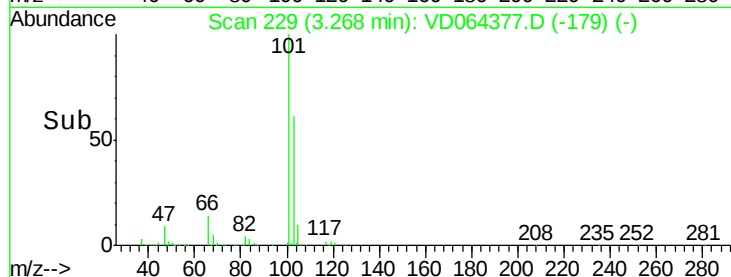
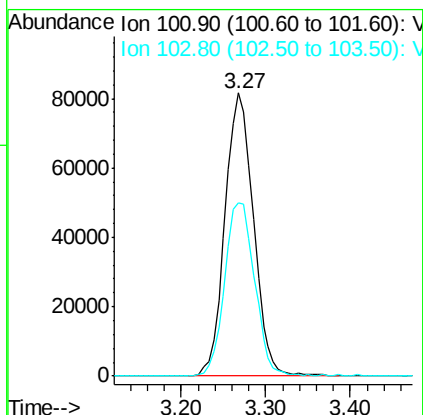
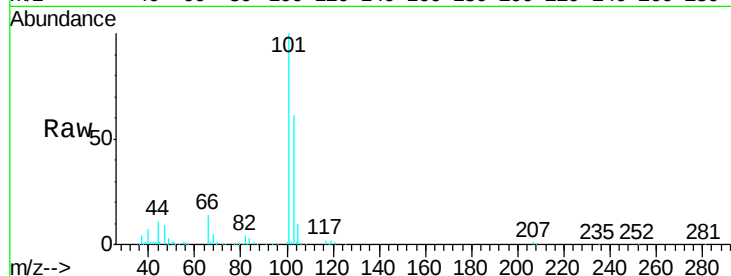


#7

Trichlorofluoromethane
Concen: 25.371 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

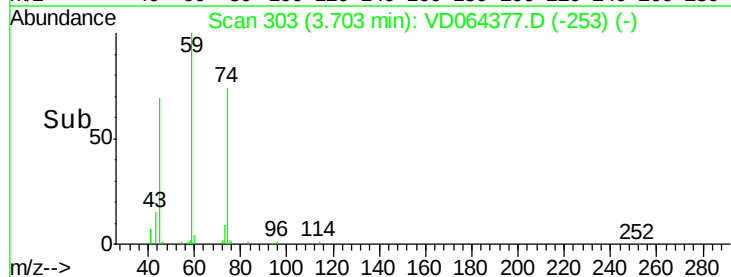
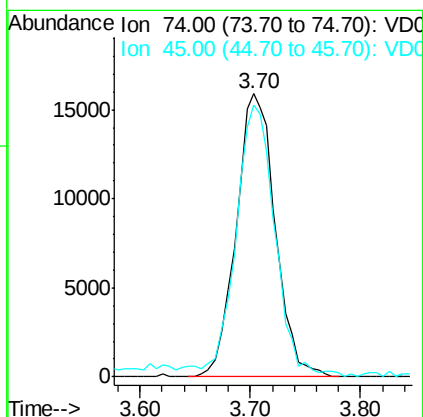
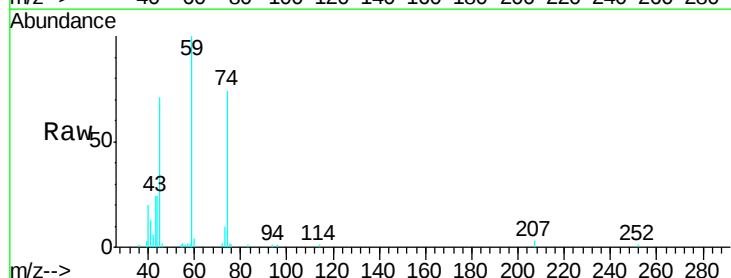
Tgt Ion: 101 Resp: 190134
Ion Ratio Lower Upper
101 100
103 61.3 50.8 76.2



#8

Diethyl Ether
Concen: 19.153 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion: 74 Resp: 39466
Ion Ratio Lower Upper
74 100
45 95.6 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.818 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBS01

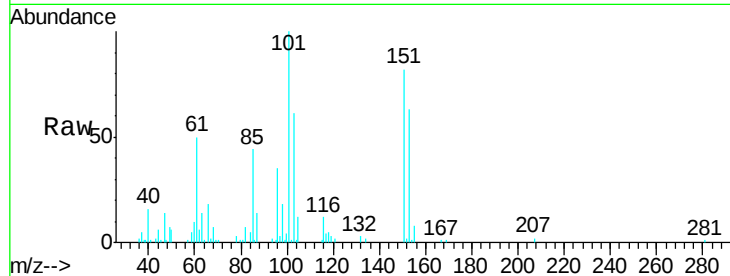
Tgt Ion:101 Resp: 84887

Ion Ratio Lower Upper

101 100

85 44.2 34.4 51.6

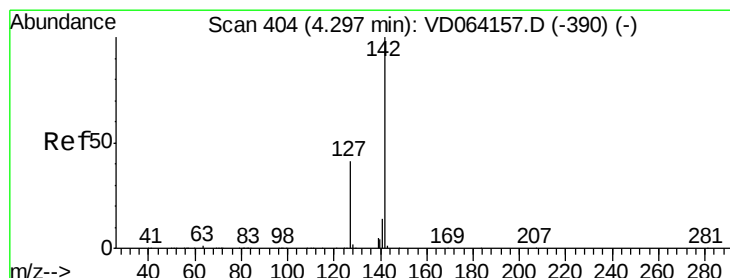
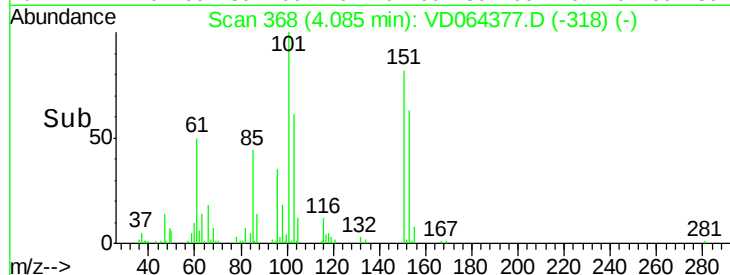
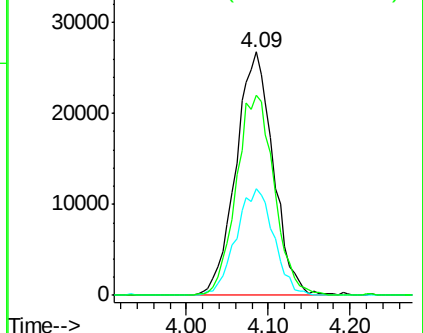
151 83.5 68.1 102.1



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: 17.751 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

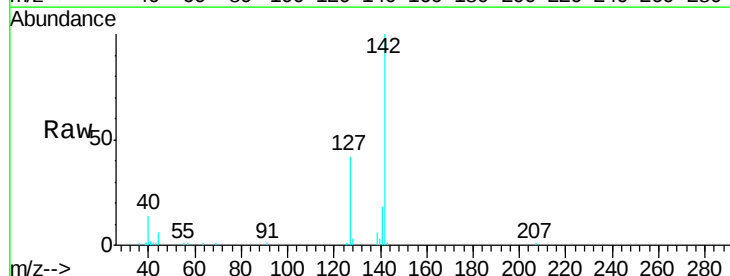
Tgt Ion:142 Resp: 80117

Ion Ratio Lower Upper

142 100

127 43.1 34.4 51.6

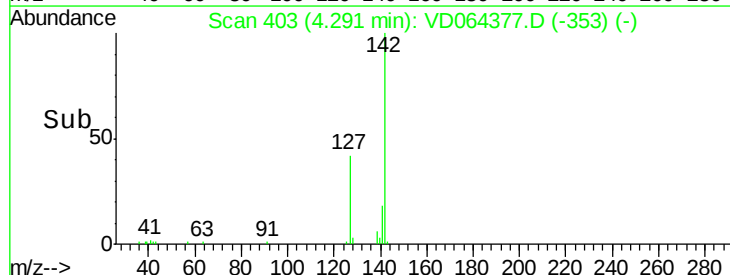
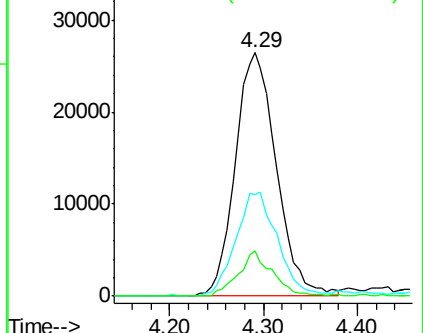
141 15.3 11.2 16.8

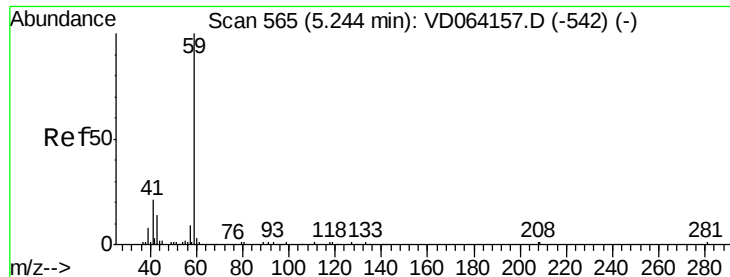


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



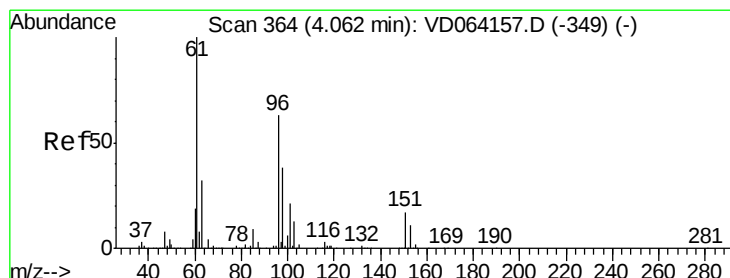
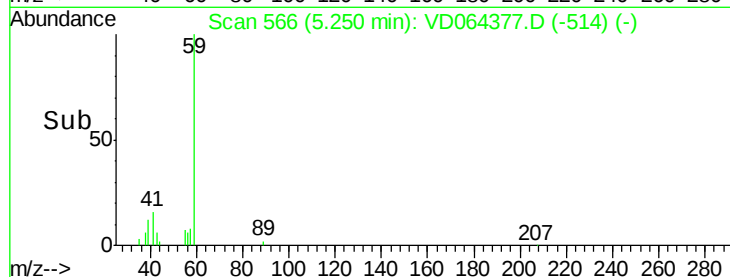
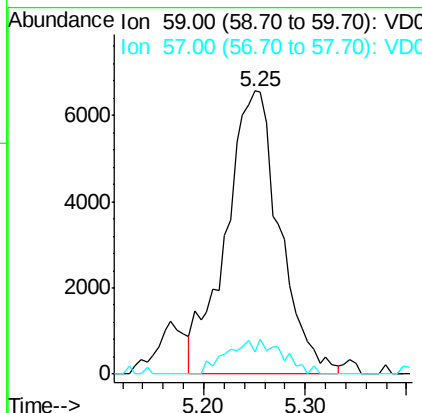
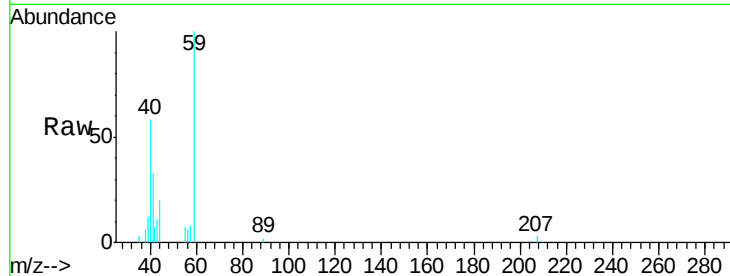


#11

Tert butyl alcohol
 Concen: 86.664 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

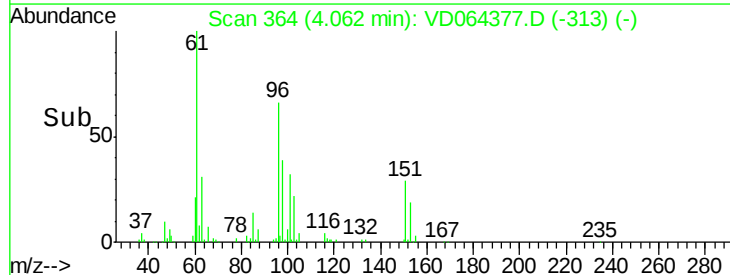
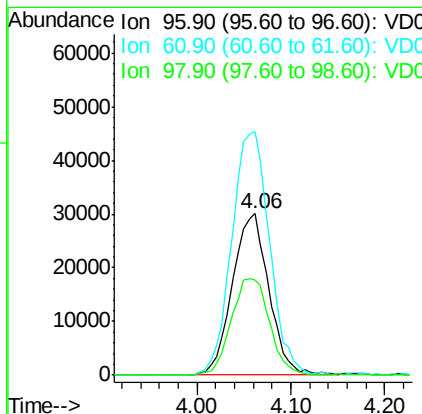
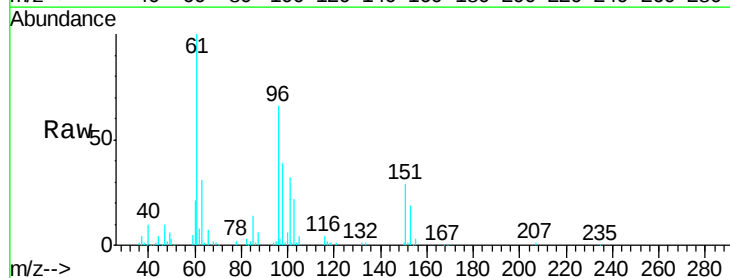
Tgt Ion: 59 Resp: 24189
 Ion Ratio Lower Upper
 59 100
 57 6.4 9.4 14.2#

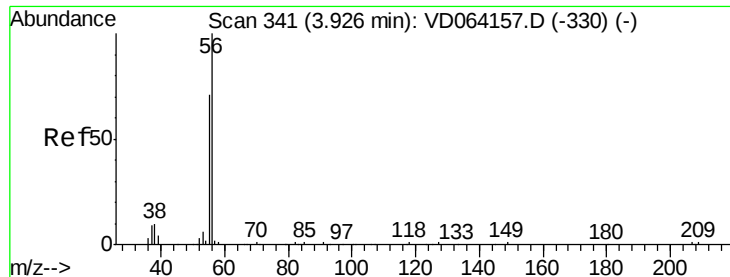


#12

1,1-Dichloroethene
 Concen: 19.893 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

Tgt Ion: 96 Resp: 81220
 Ion Ratio Lower Upper
 96 100
 61 150.7 127.4 191.2
 98 58.5 48.1 72.1





#13

Acrolein

Concen: 55.755 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

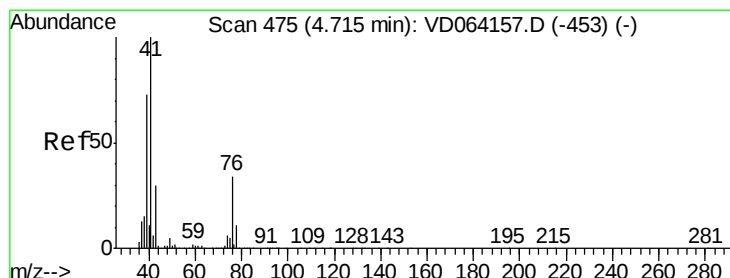
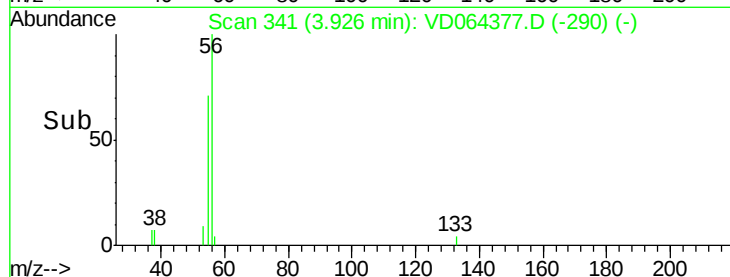
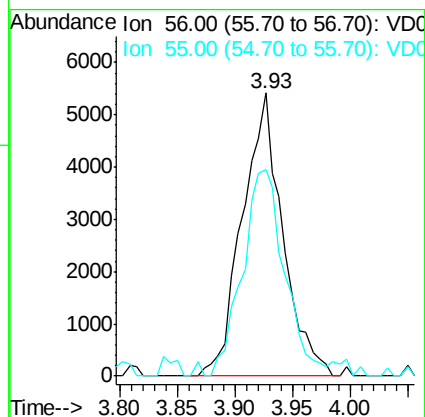
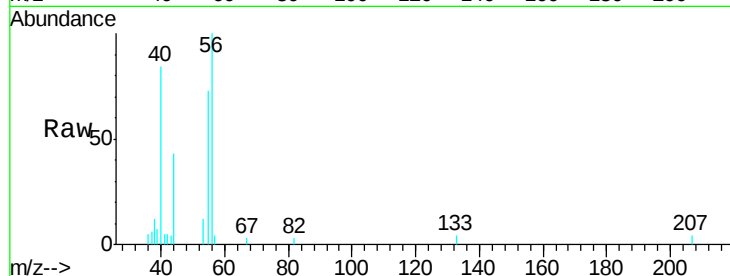
VD1126SBS01

Tgt Ion: 56 Resp: 13165

Ion Ratio Lower Upper

56 100

55 76.4 56.1 84.1



#14

Allyl chloride

Concen: 17.870 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

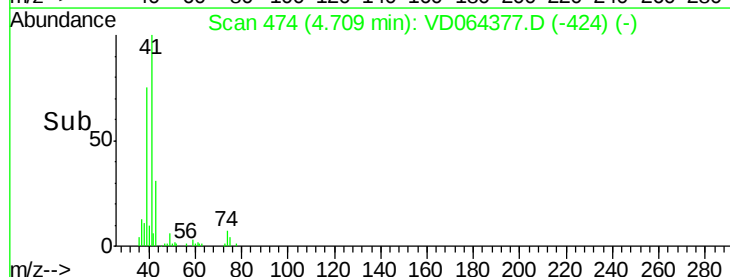
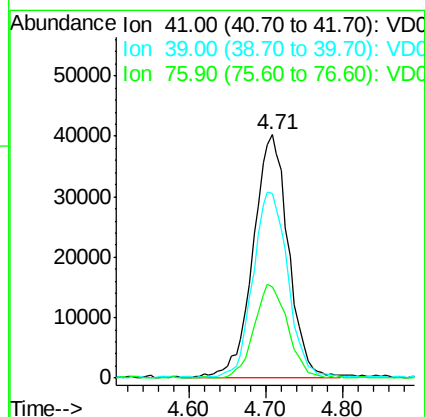
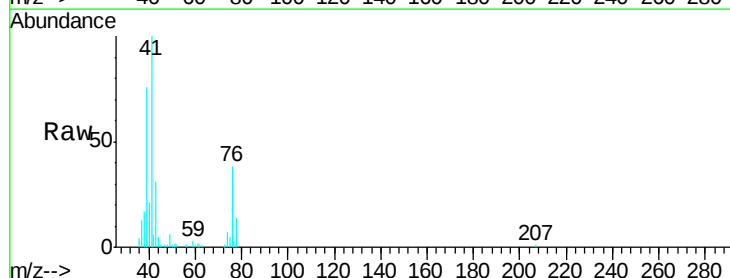
Tgt Ion: 41 Resp: 128997

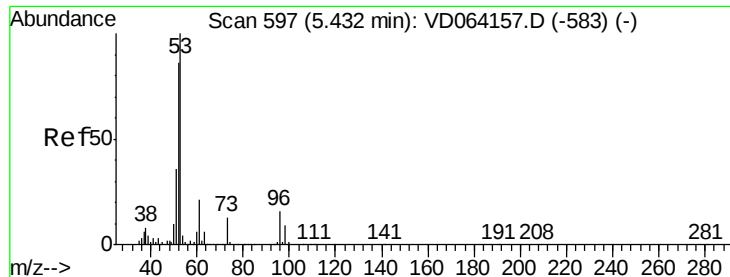
Ion Ratio Lower Upper

41 100

39 76.1 57.5 86.3

76 36.6 26.8 40.2





#15

Acrylonitrile

Concen: 96.272 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBS01

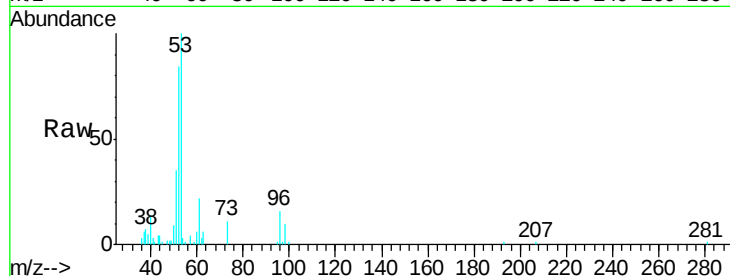
Tgt Ion: 53 Resp: 84571

Ion Ratio Lower Upper

53 100

52 82.5 66.7 100.1

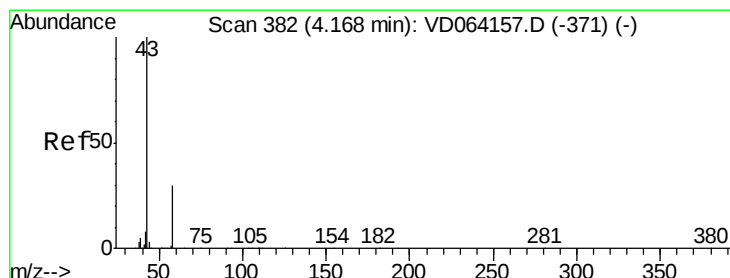
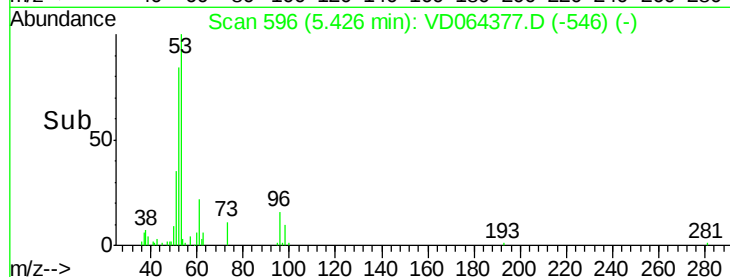
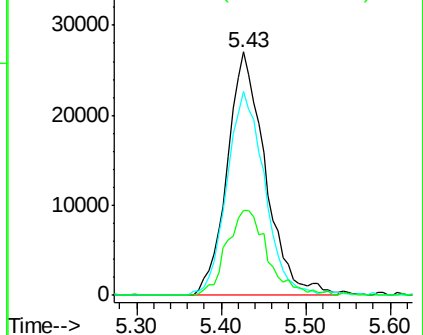
51 37.6 30.6 46.0



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: 82.720 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064377.D

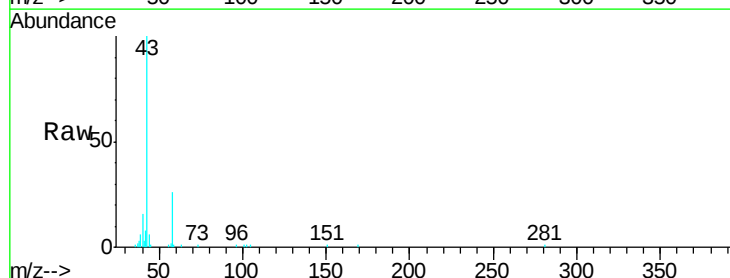
Acq: 26 Nov 2019 11:56

Tgt Ion: 43 Resp: 78310

Ion Ratio Lower Upper

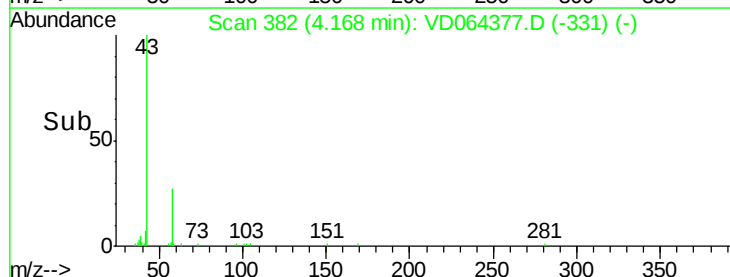
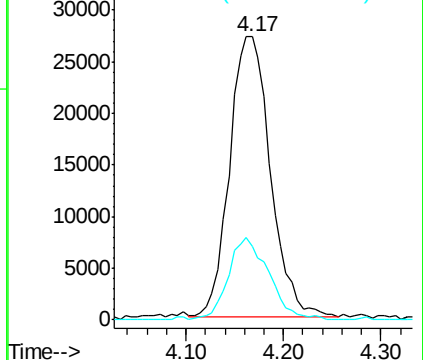
43 100

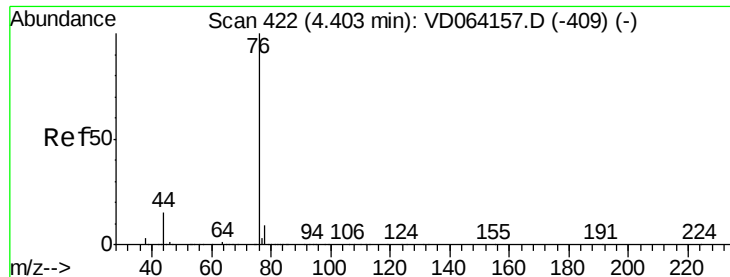
58 26.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

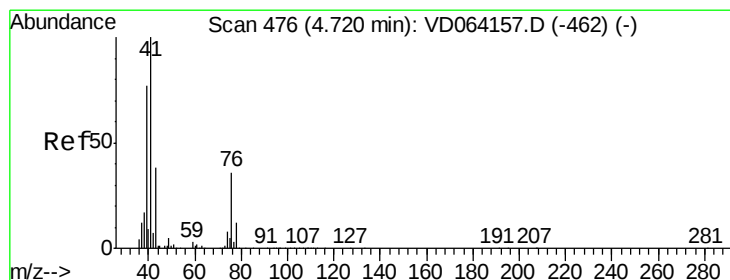
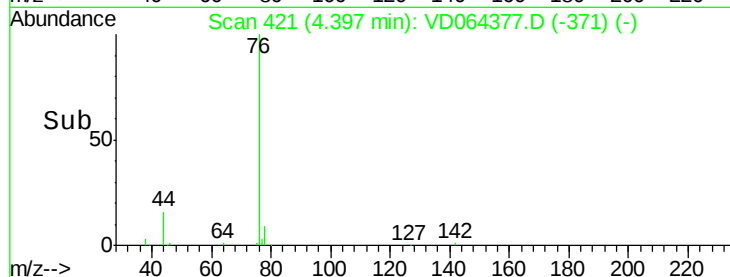
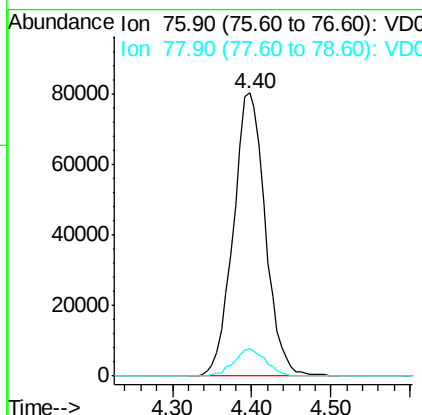
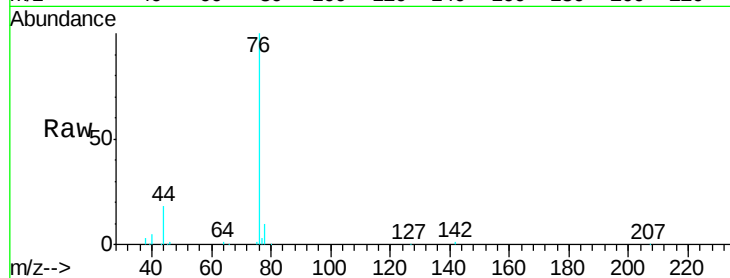




#17
Carbon Disulfide
Concen: 17.666 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

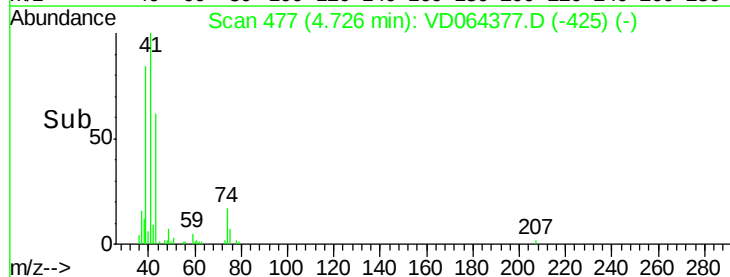
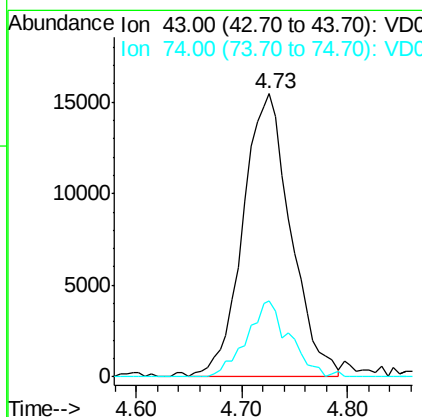
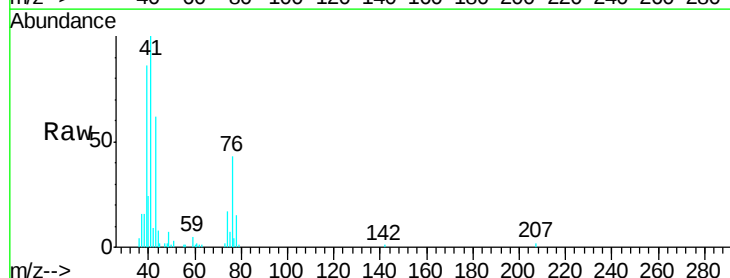
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

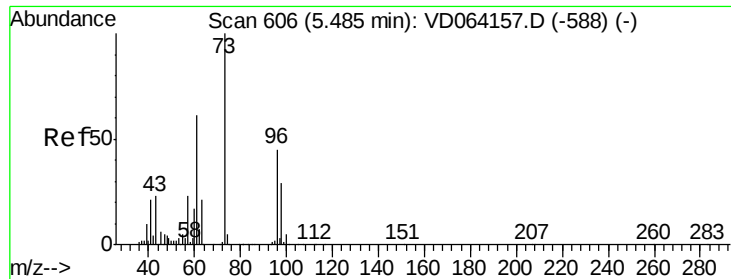
Tgt Ion: 76 Resp: 224617
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 18.357 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion: 43 Resp: 48538
Ion Ratio Lower Upper
43 100
74 23.9 18.4 27.6

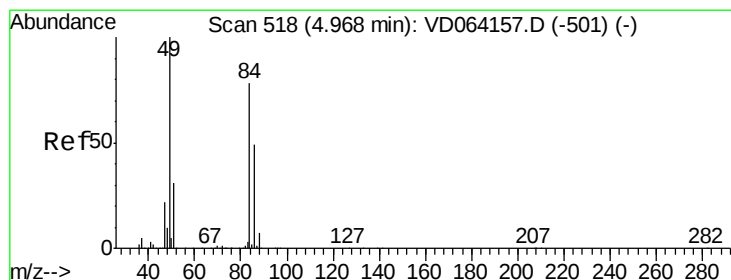
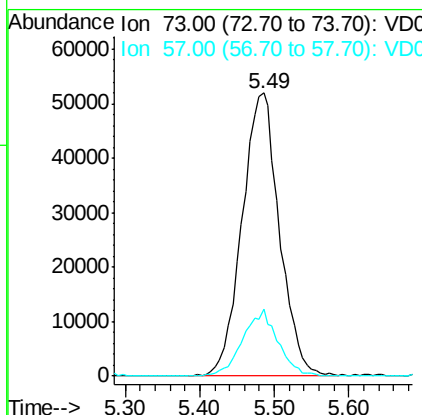
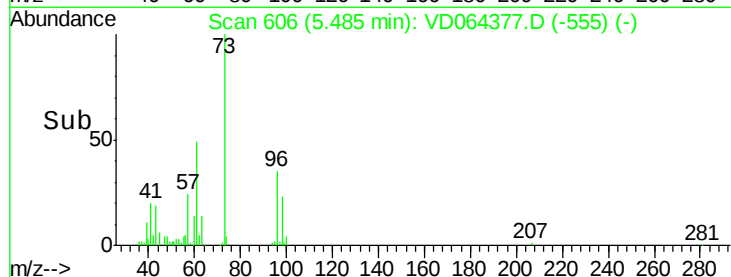
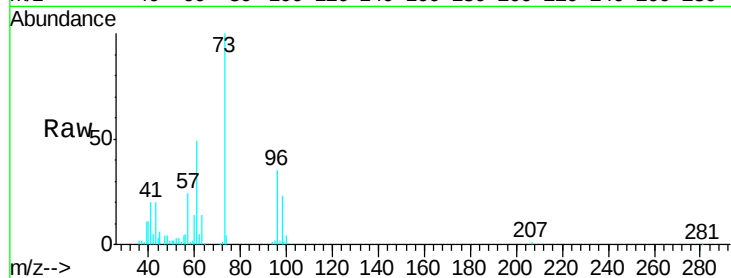




#19
Methyl tert-butyl Ether
Concen: 18.538 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

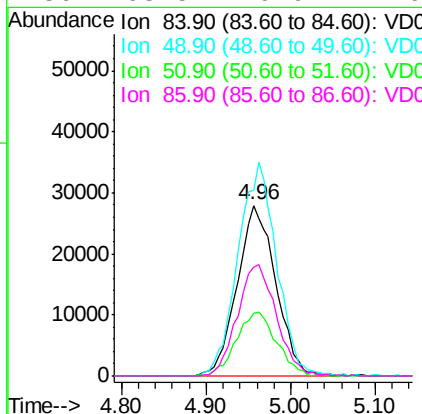
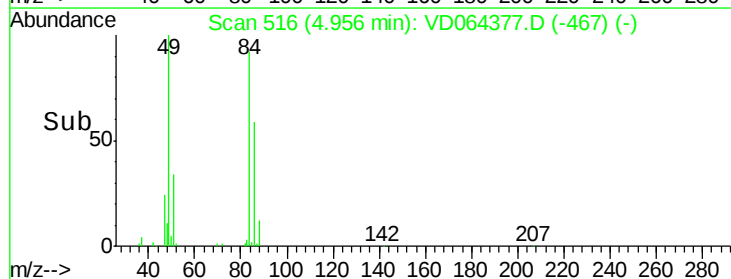
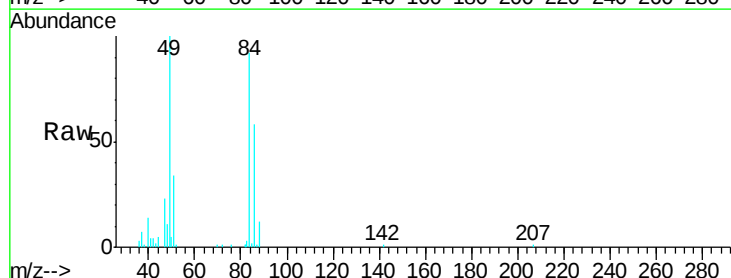
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

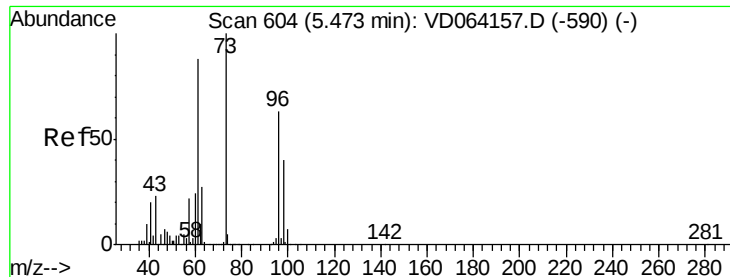
Tgt Ion: 73 Resp: 180685
Ion Ratio Lower Upper
73 100
57 23.6 18.4 27.6



#20
Methylene Chloride
Concen: 18.520 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion: 84 Resp: 88565
Ion Ratio Lower Upper
84 100
49 109.0 102.1 153.1
51 37.0 32.2 48.2
86 63.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.806 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBS01

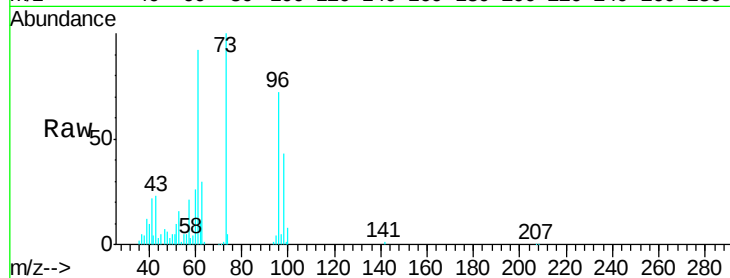
Tgt Ion: 96 Resp: 91615

Ion Ratio Lower Upper

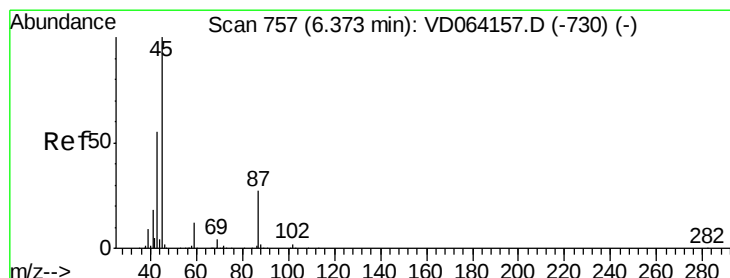
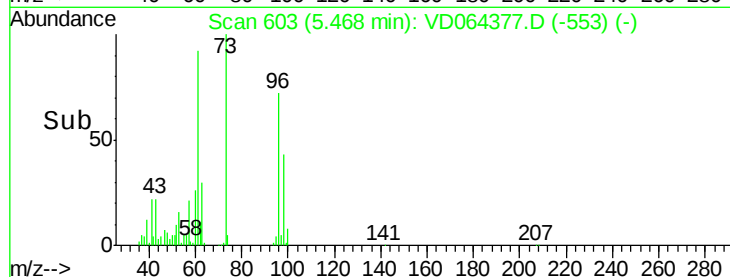
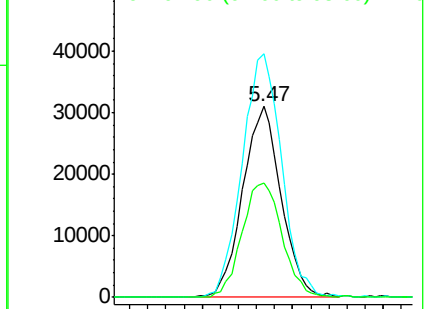
96 100

61 127.5 111.8 167.6

98 59.7 50.3 75.5



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



#22

Diisopropyl ether

Concen: 18.546 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Tgt Ion: 45 Resp: 248400

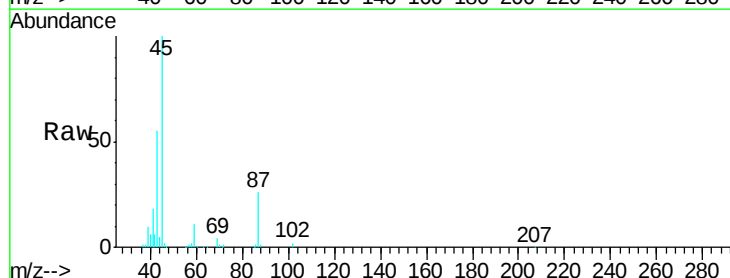
Ion Ratio Lower Upper

45 100

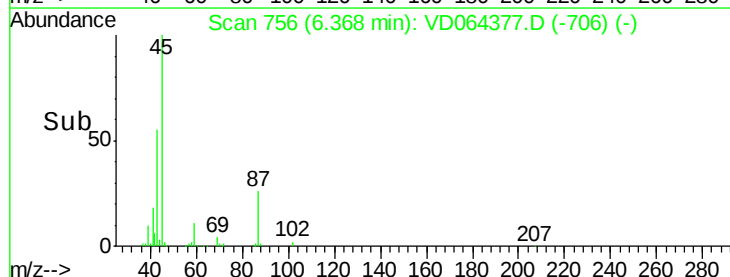
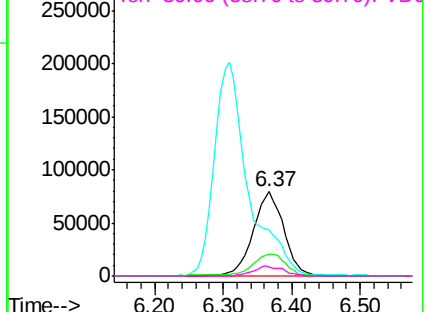
43 53.1 44.4 66.6

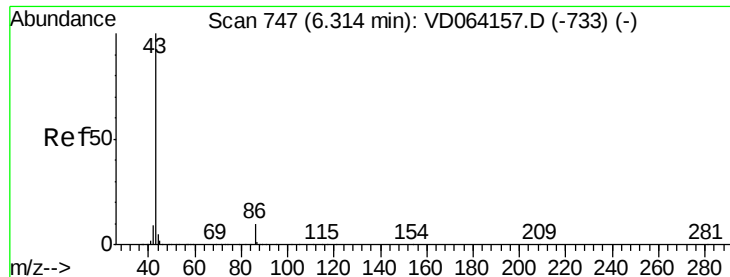
87 25.4 21.9 32.9

59 11.0 9.4 14.2



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





#23

Vinyl Acetate

Concen: 92.984 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

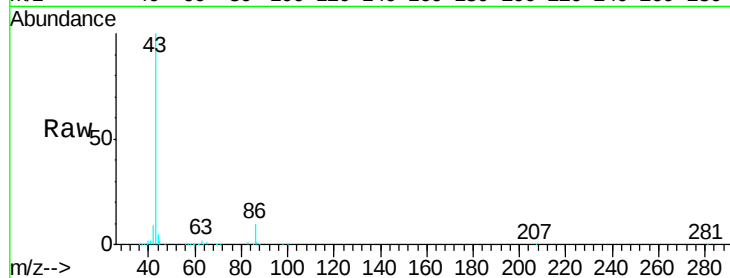
VD1126SBS01

Tgt Ion: 43 Resp: 694224

Ion Ratio Lower Upper

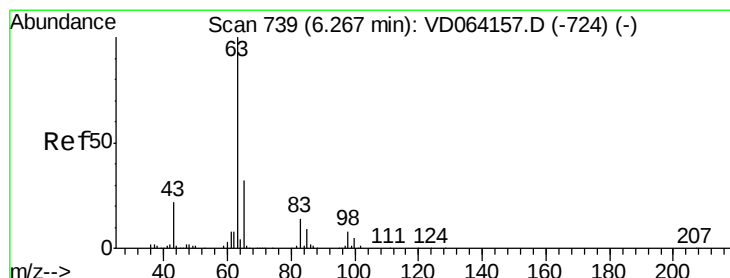
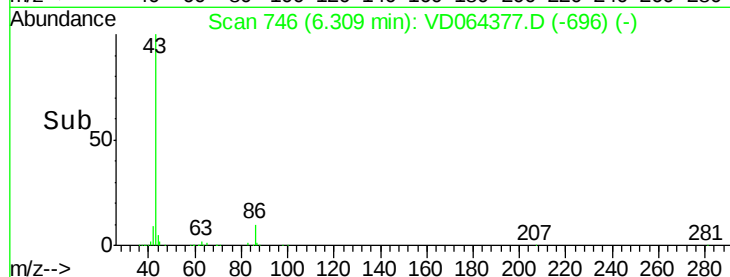
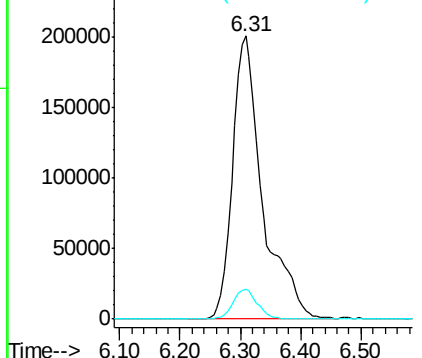
43 100

86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.887 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

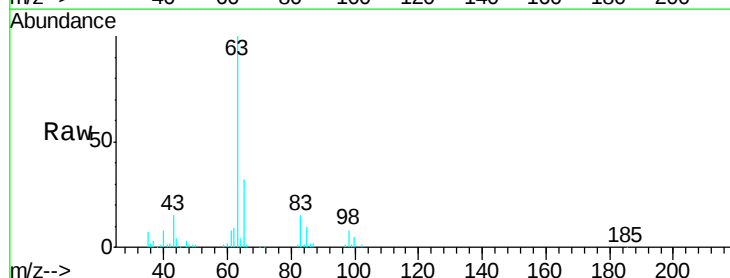
Tgt Ion: 63 Resp: 154656

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

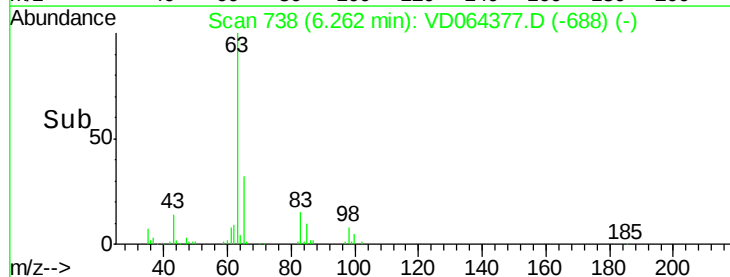
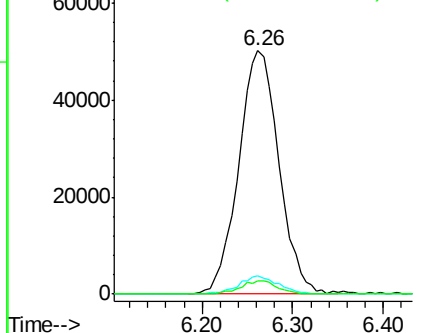
100 5.3 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 89.978 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

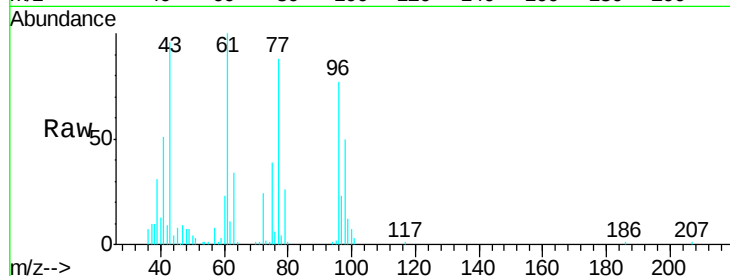
VD1126SBS01

Tgt Ion: 43 Resp: 110049

Ion Ratio Lower Upper

43 100

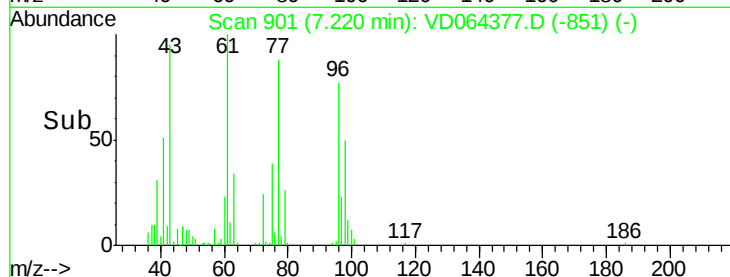
72 25.5 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

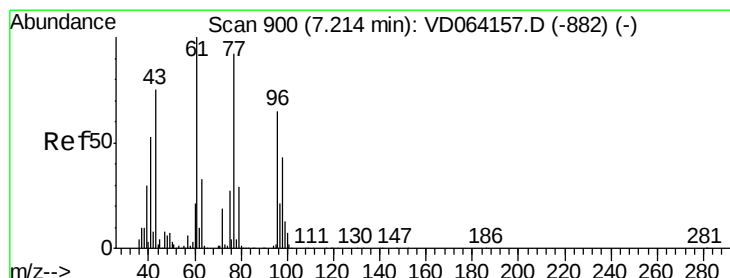
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Time-->



#26

2,2-Dichloropropane

Concen: 18.662 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD064377.D

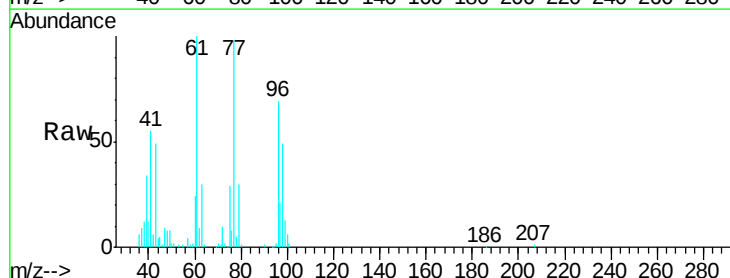
Acq: 26 Nov 2019 11:56

Tgt Ion: 77 Resp: 142331

Ion Ratio Lower Upper

77 100

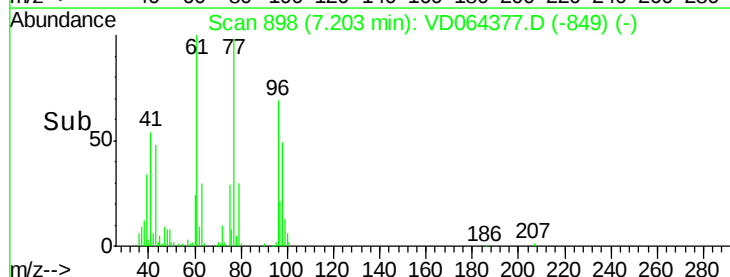
97 23.0 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

Time-->



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

Time-->



#27

cis-1,2-Dichloroethene

Concen: 20.144 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBS01

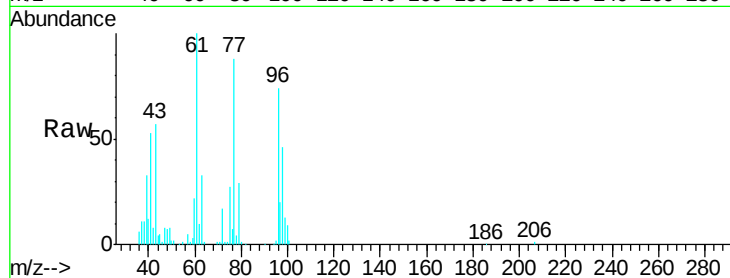
Tgt Ion: 96 Resp: 99925

Ion Ratio Lower Upper

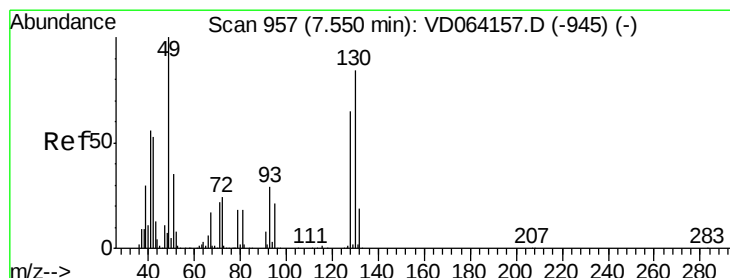
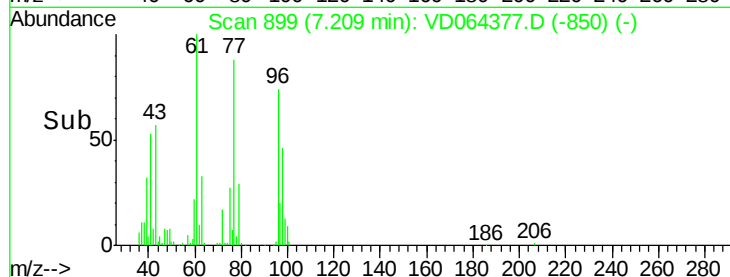
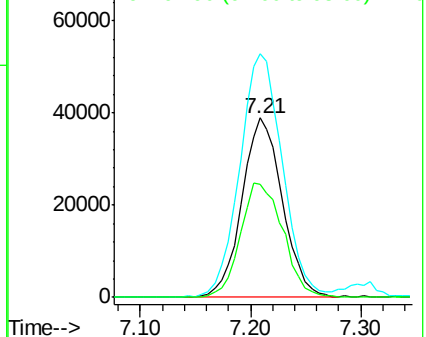
96 100

61 142.9 0.0 301.4

98 66.9 0.0 133.2



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



#28

Bromochloromethane

Concen: 16.344 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

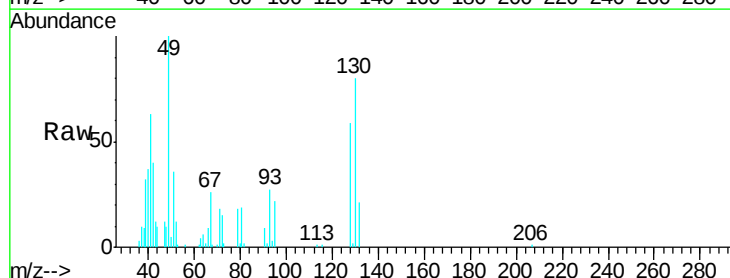
Tgt Ion: 49 Resp: 44252

Ion Ratio Lower Upper

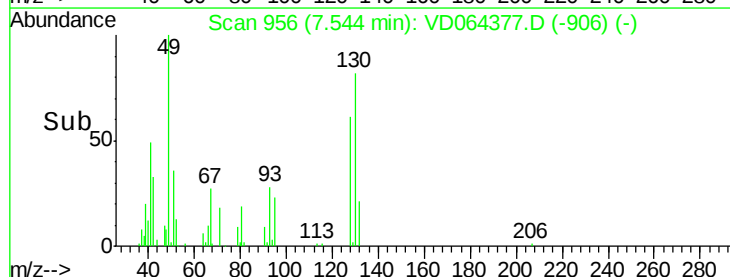
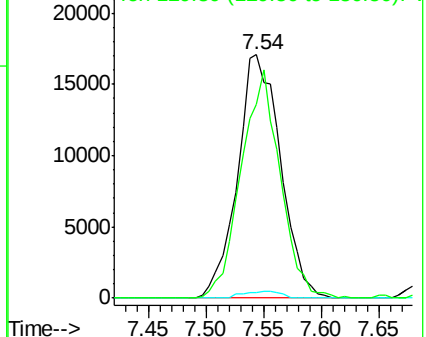
49 100

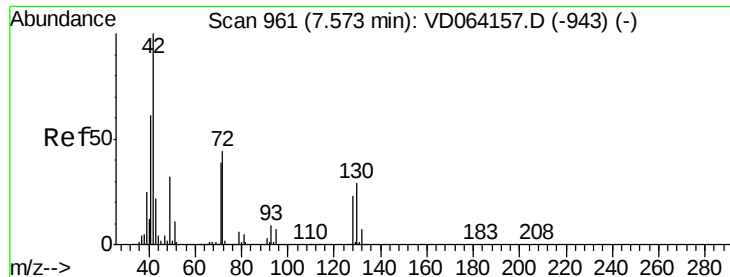
129 2.4 0.0 4.4

130 84.9 66.8 100.2



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

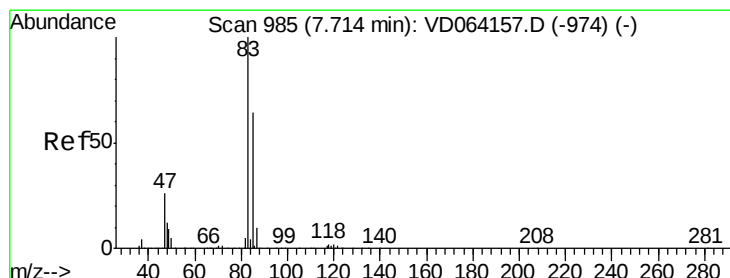
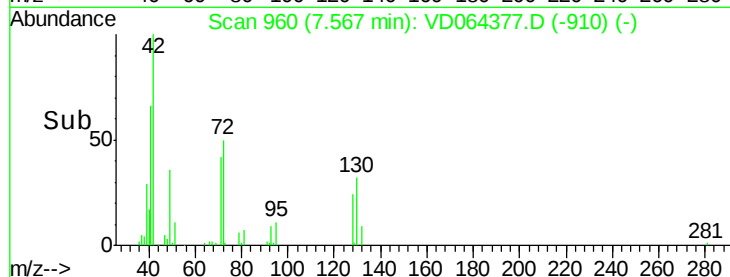
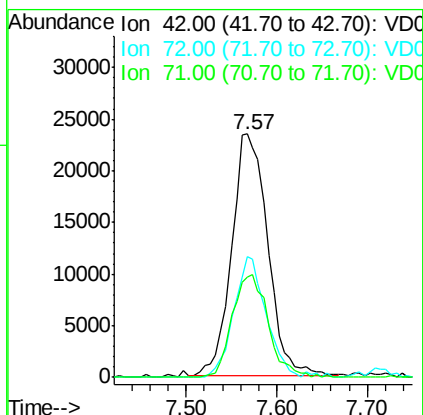
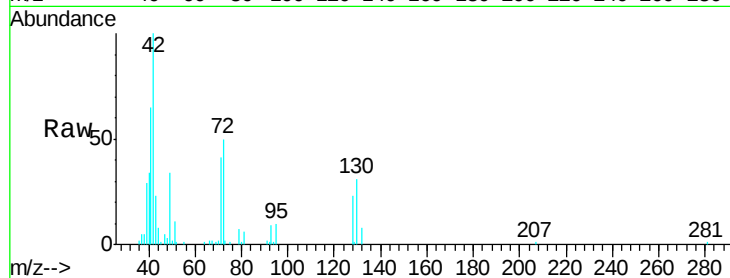




#29
Tetrahydrofuran
Concen: 87.707 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

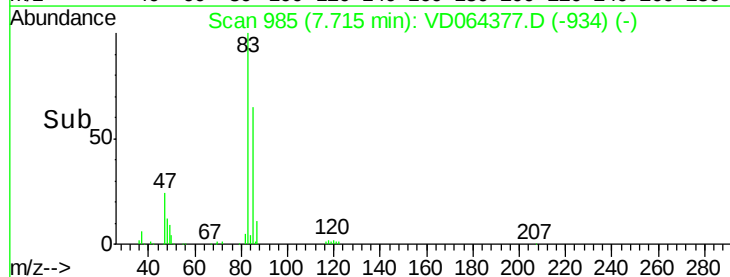
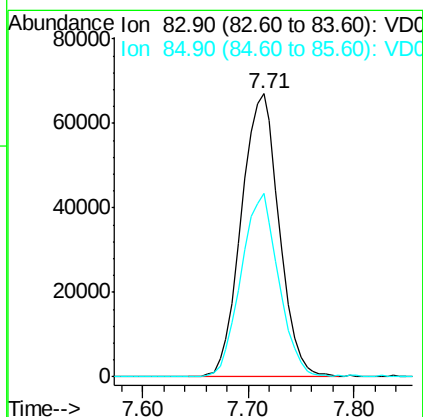
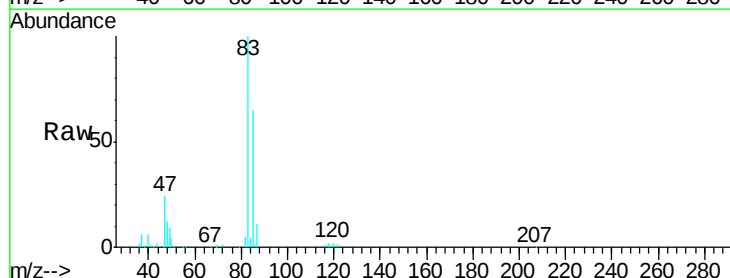
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

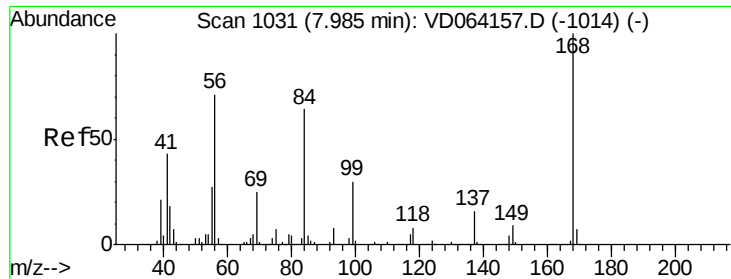
Tgt Ion: 42 Resp: 64451
Ion Ratio Lower Upper
42 100
72 44.8 33.4 50.2
71 42.4 31.0 46.4



#30
Chloroform
Concen: 20.952 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion: 83 Resp: 166668
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.0

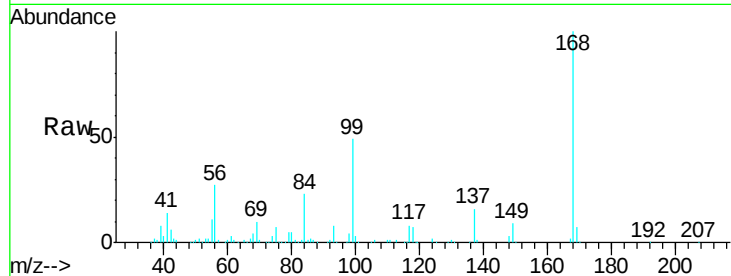




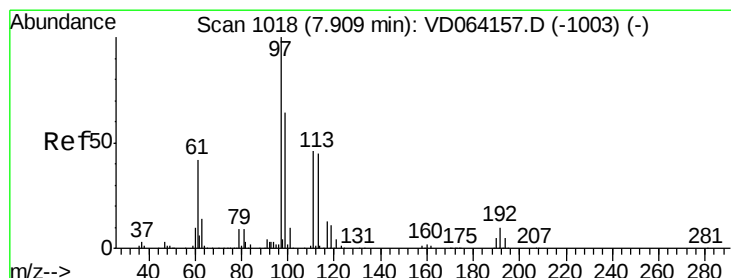
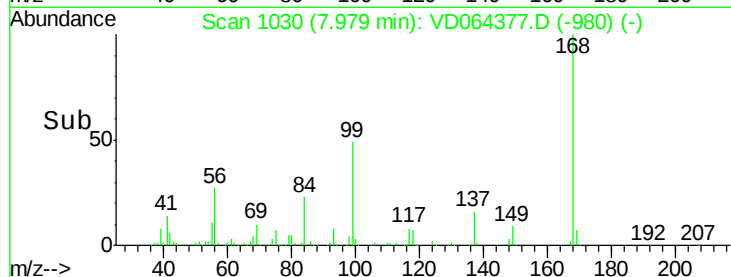
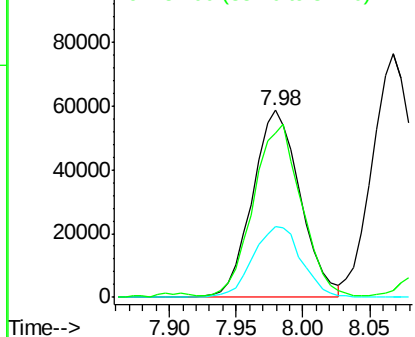
#31
Cyclohexane
Concen: 18.570 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

Tgt Ion: 56 Resp: 145650
Ion Ratio Lower Upper
56 100
69 38.1 28.2 42.4
84 86.5 71.8 107.6

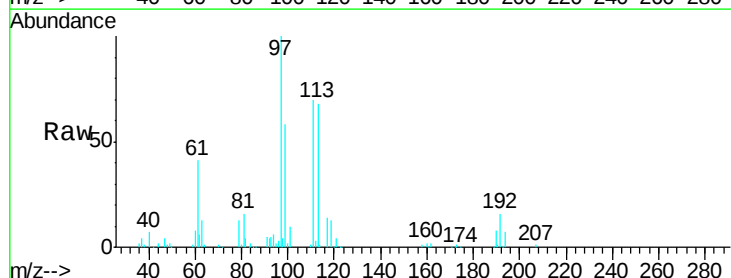


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

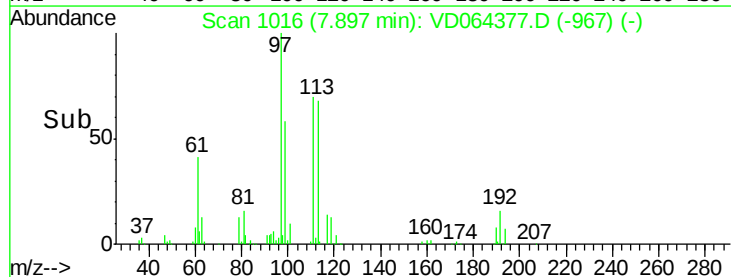
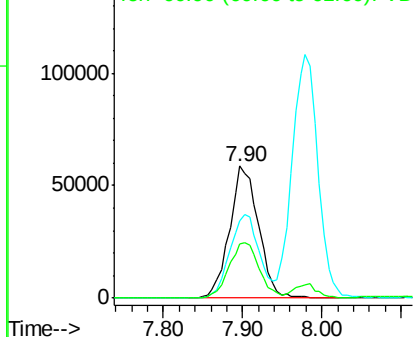


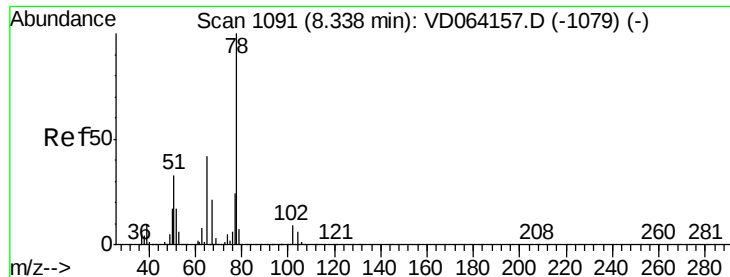
#32
1,1,1-Trichloroethane
Concen: 19.484 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion: 97 Resp: 148414
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 43.9 34.2 51.2



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





#33

1,2-Dichloroethane-d4

Concen: 49.617 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

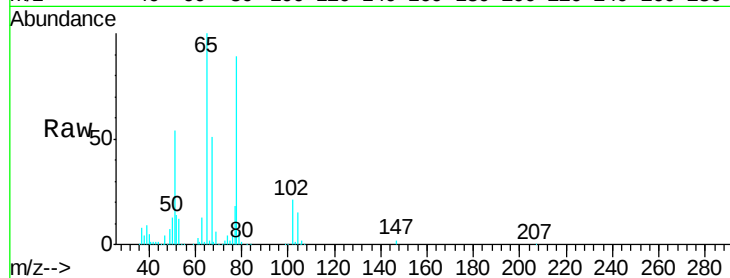
VD1126SBS01

Tgt Ion: 65 Resp: 198276

Ion Ratio Lower Upper

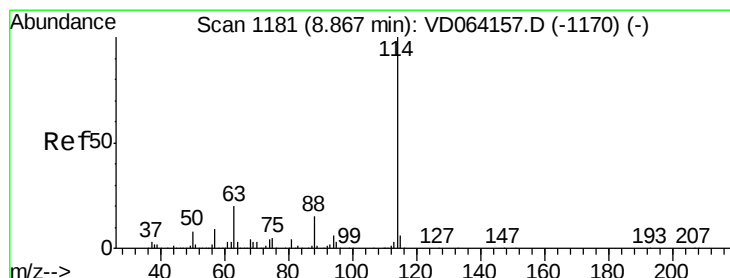
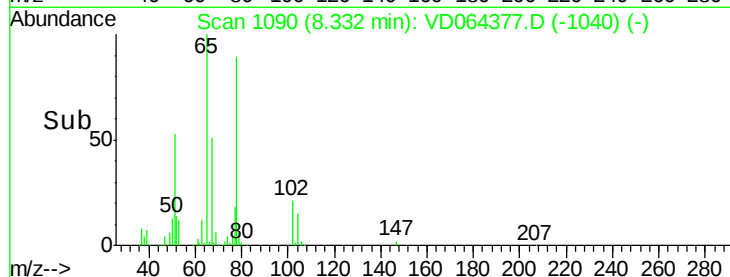
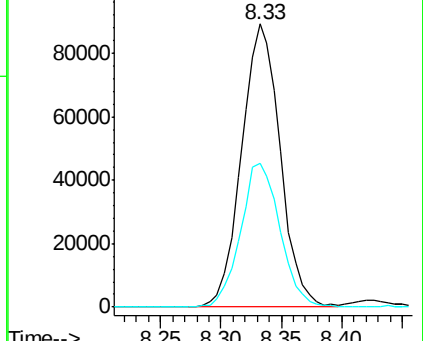
65 100

67 52.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

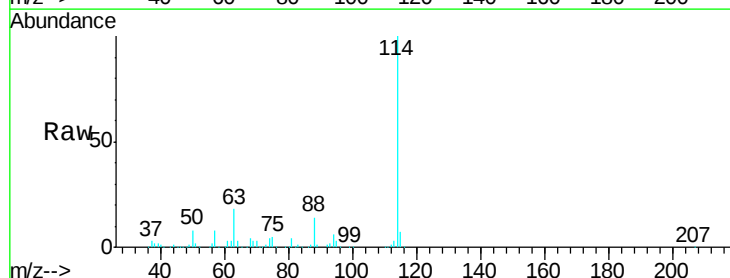
Tgt Ion: 114 Resp: 703215

Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.0

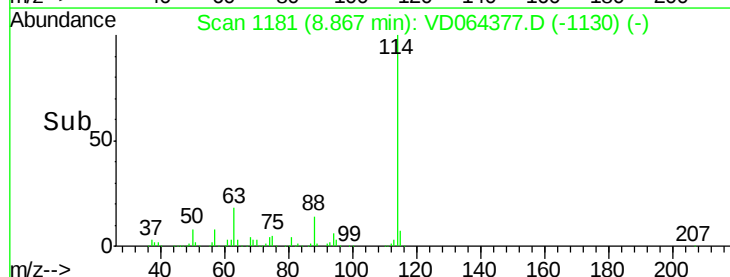
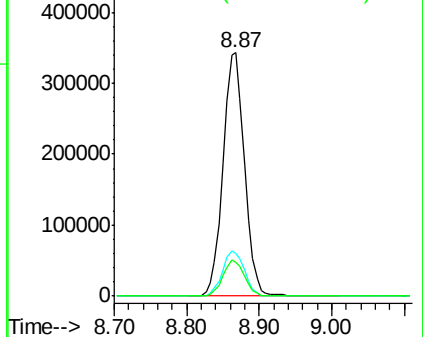
88 13.8 0.0 30.2

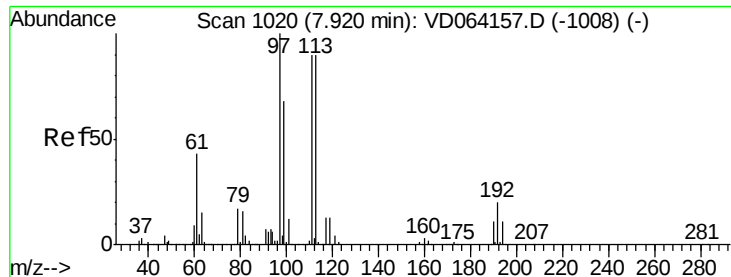


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

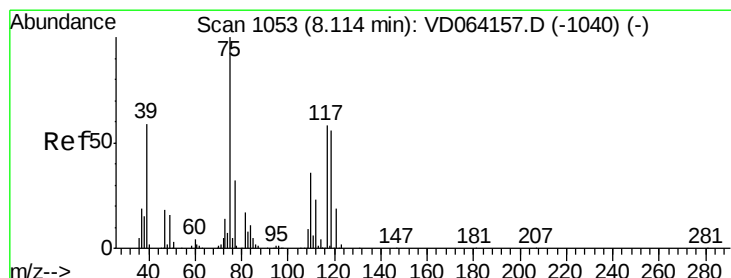
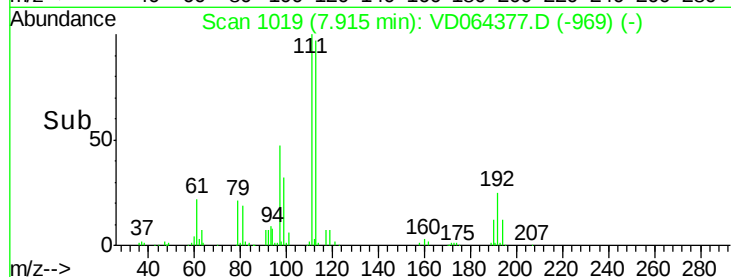
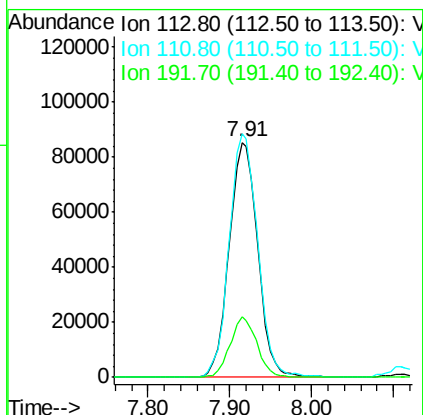
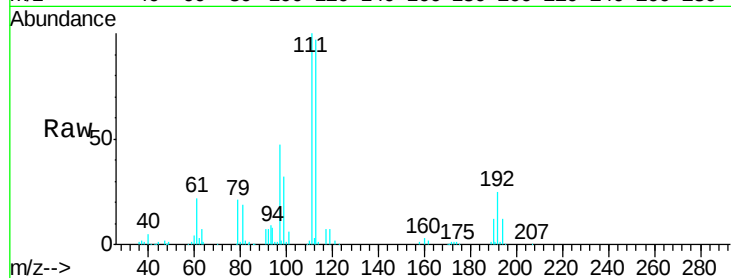




#35
 Dibromofluoromethane
 Concen: 51.404 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

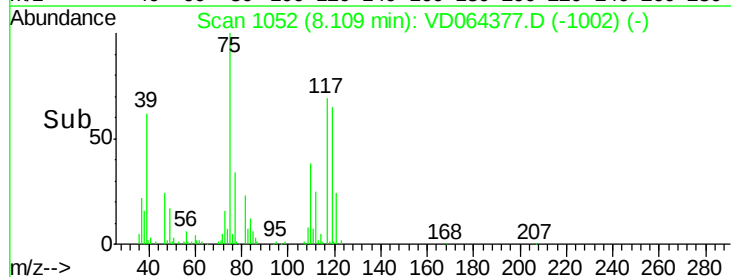
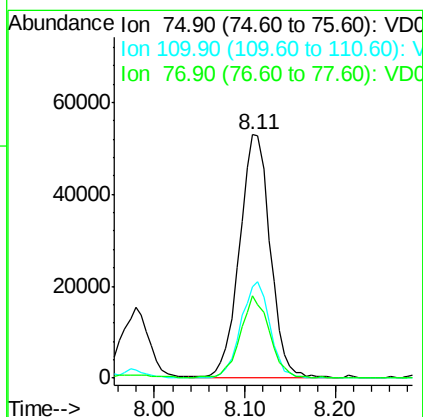
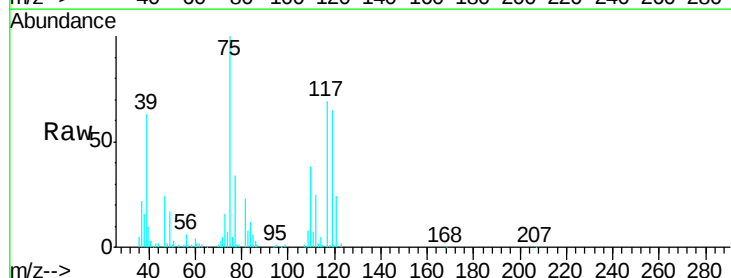
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.5	122.3
192	24.1	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 19.119 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.3	54.9
77	32.6	25.0	37.6

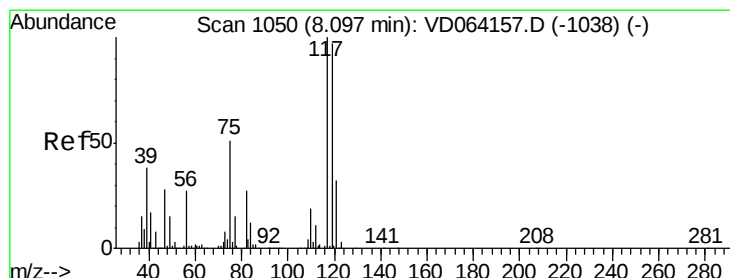
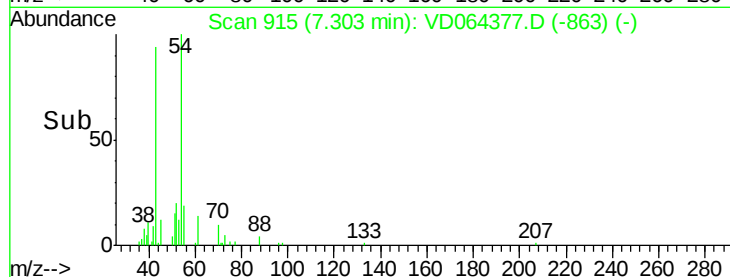
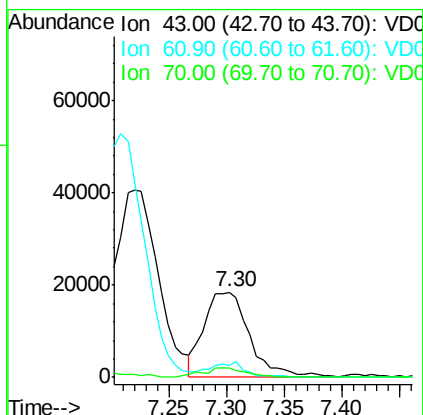
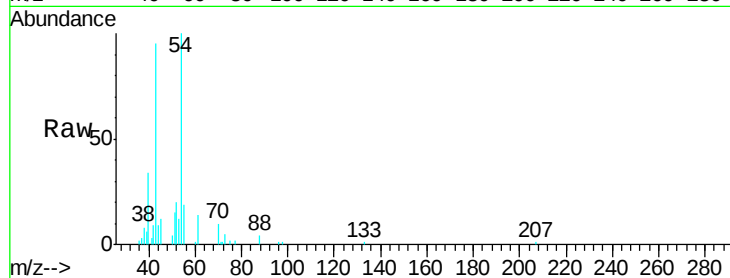




#37
Ethyl Acetate
Concen: 18.125 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

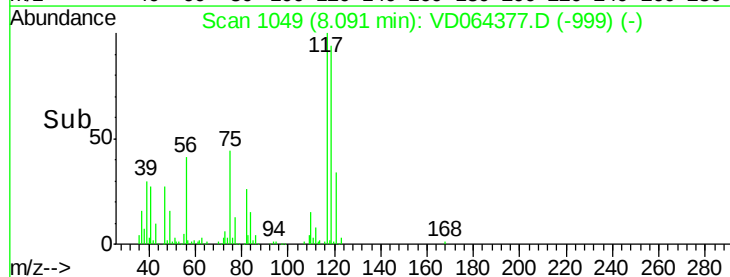
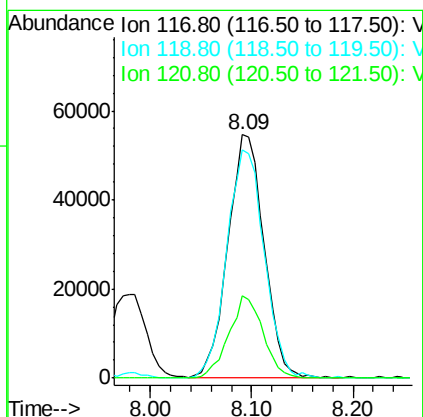
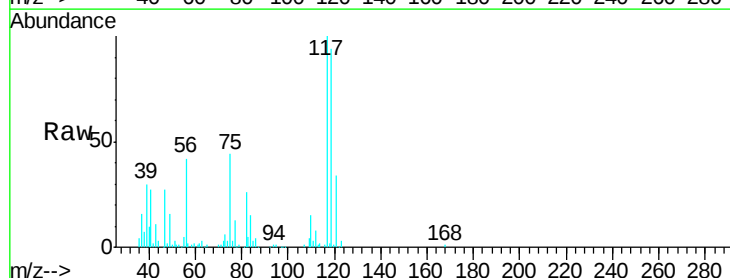
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

Tgt Ion: 43 Resp: 49592
Ion Ratio Lower Upper
43 100
61 15.2 10.2 15.2
70 10.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.486 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion: 117 Resp: 135318
Ion Ratio Lower Upper
117 100
119 93.4 77.2 115.8
121 33.9 25.5 38.3

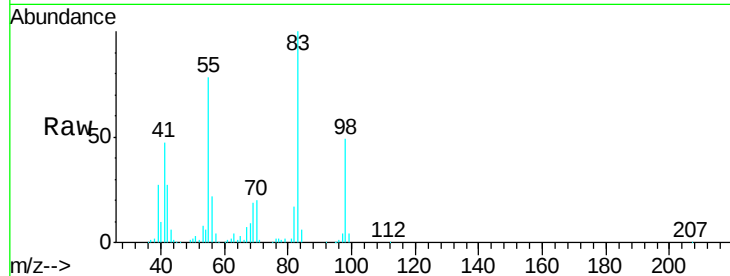




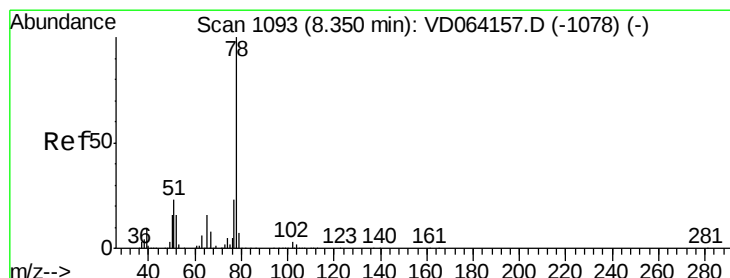
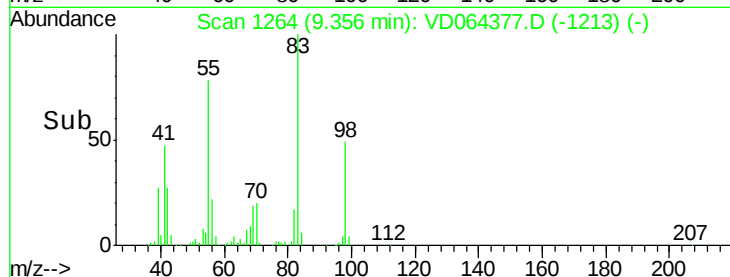
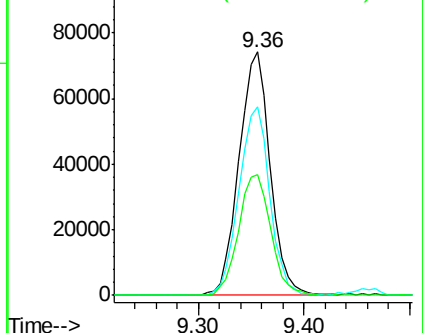
#39
Methylcyclohexane
Concen: 18.526 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

Tgt Ion: 83 Resp: 152144
Ion Ratio Lower Upper
83 100
55 77.6 61.7 92.5
98 49.5 38.6 58.0

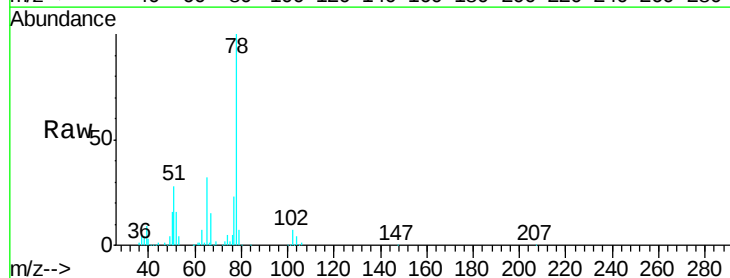


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

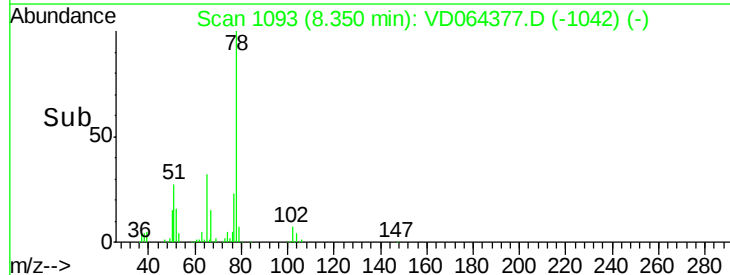
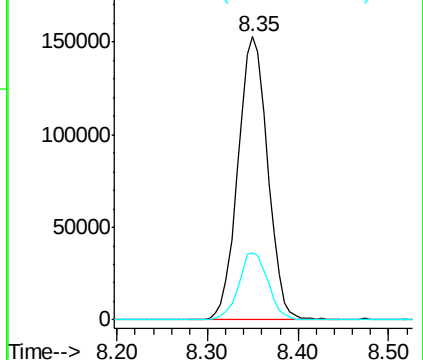


#40
Benzene
Concen: 19.645 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion: 78 Resp: 348455
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0



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

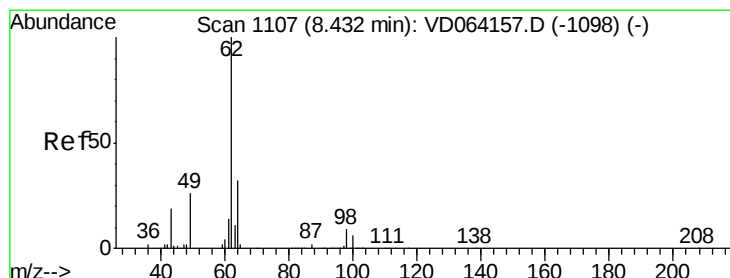
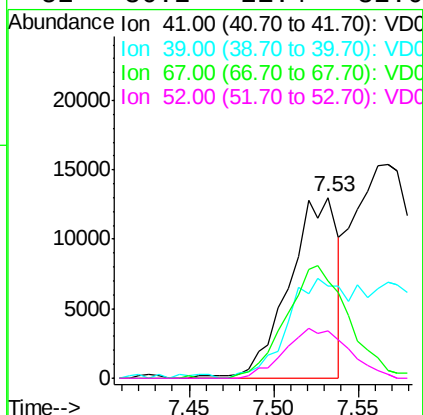
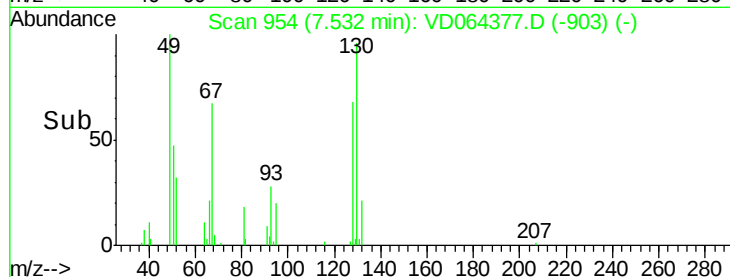
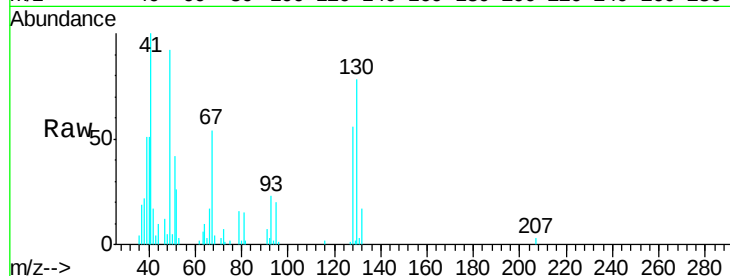




#41
Methacrylonitrile
Concen: 15.131 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

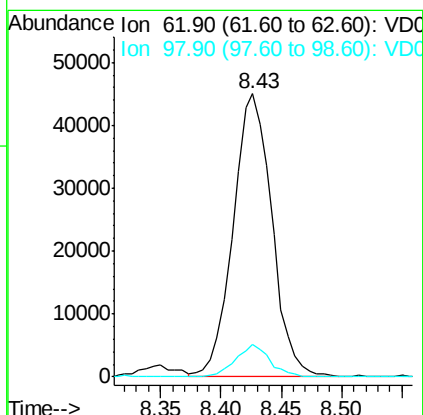
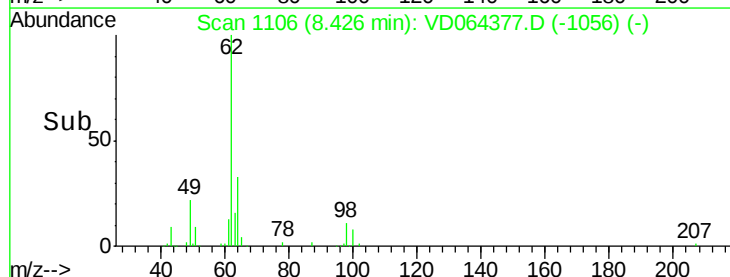
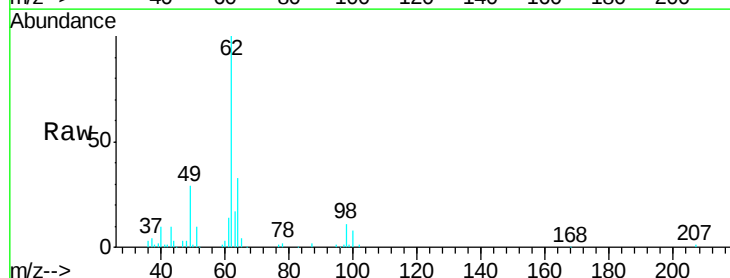
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

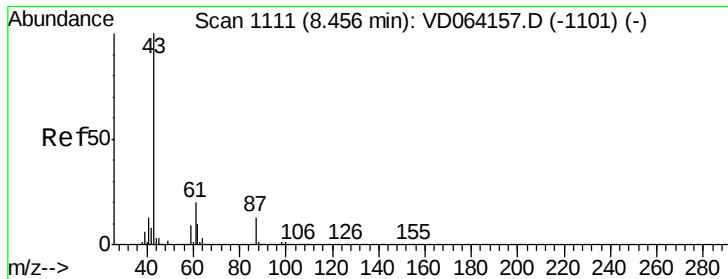
Tgt Ion:	41	Resp:	26021
Ion	Ratio	Lower	Upper
41	100		
39	65.0	49.4	74.2
67	80.0	49.6	74.4#
52	36.2	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 18.978 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion:	62	Resp:	101101
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.0





#43

Isopropyl Acetate

Concen: 17.476 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBS01

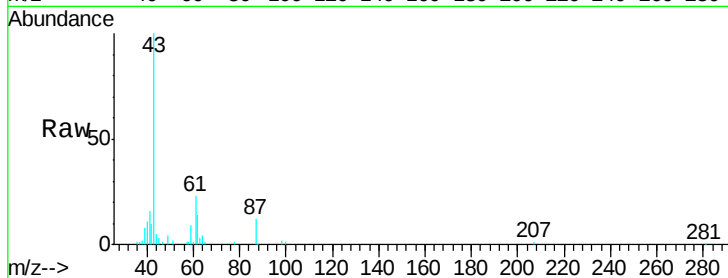
Tgt Ion: 43 Resp: 98517

Ion Ratio Lower Upper

43 100

61 31.1 22.9 34.3

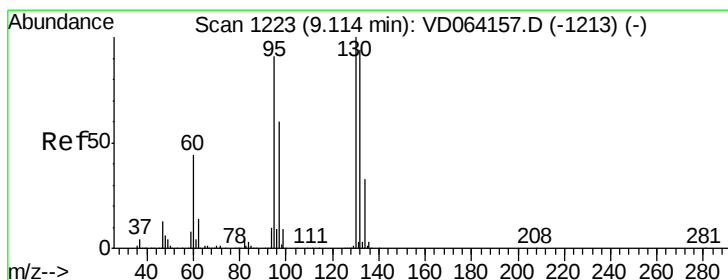
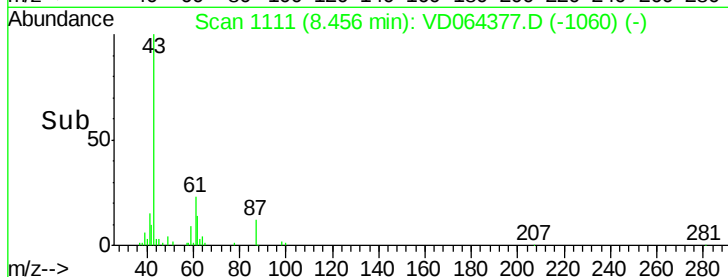
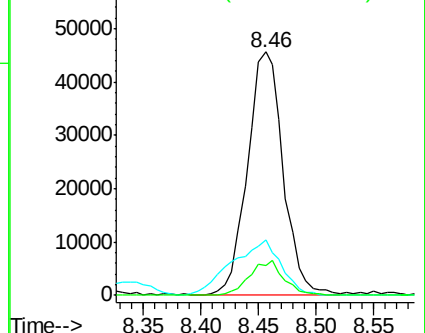
87 13.5 10.2 15.2



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: 19.672 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD064377.D

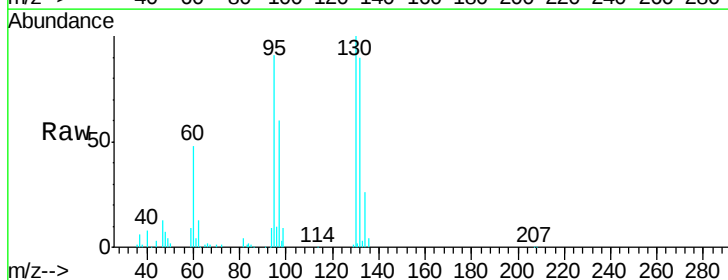
Acq: 26 Nov 2019 11:56

Tgt Ion: 130 Resp: 104726

Ion Ratio Lower Upper

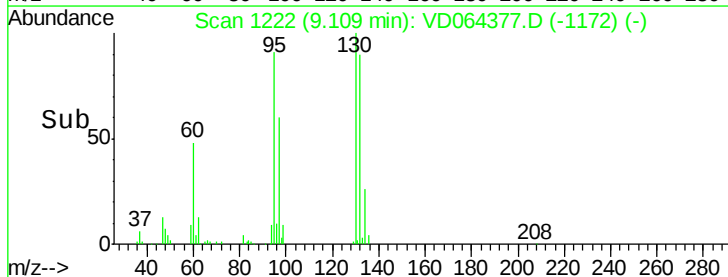
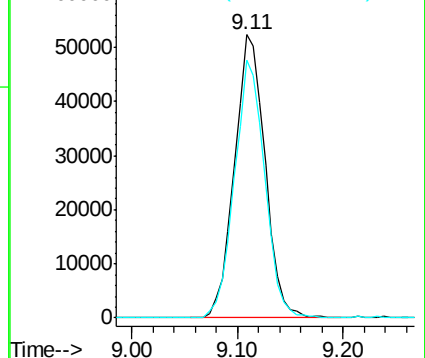
130 100

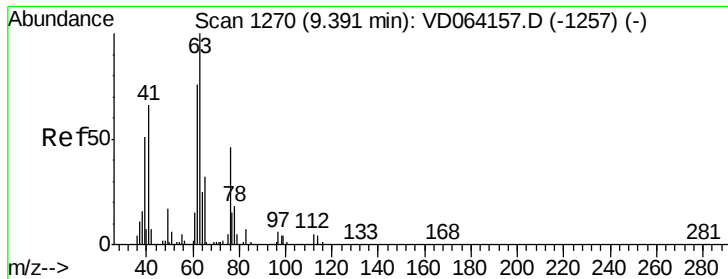
95 91.2 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

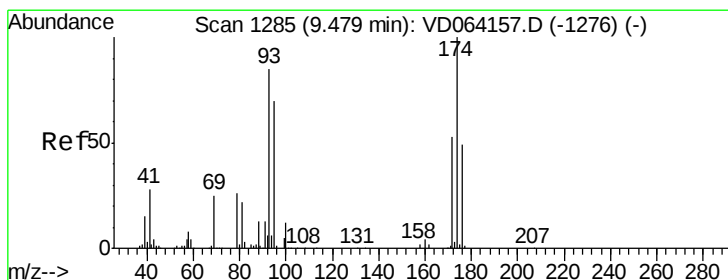
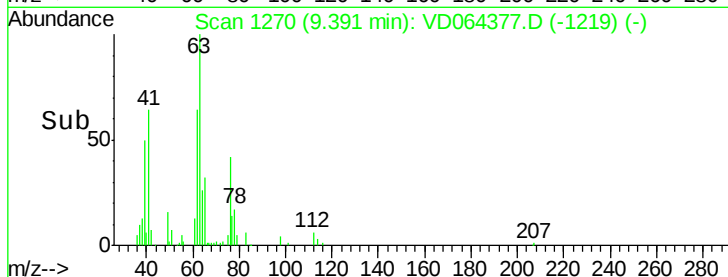
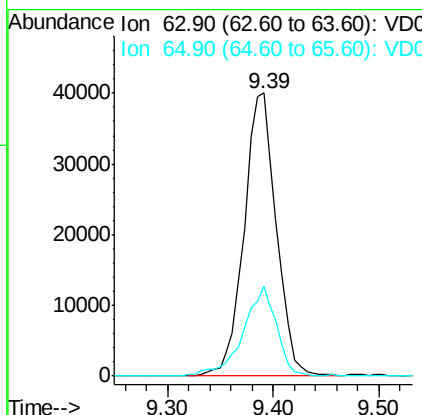
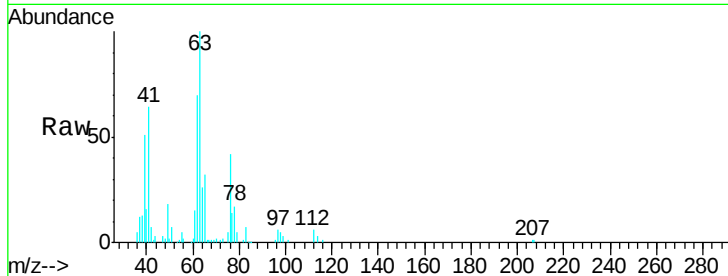




#45
 1,2-Dichloropropane
 Concen: 19.689 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

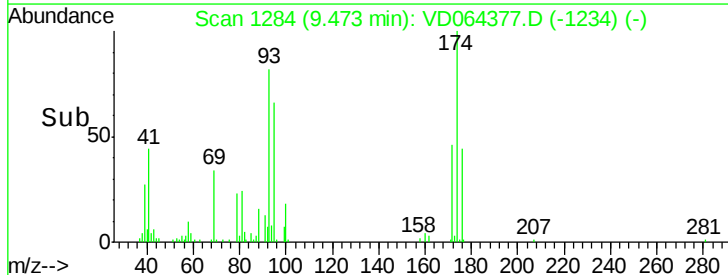
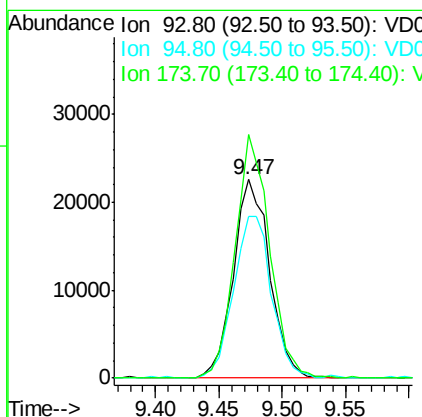
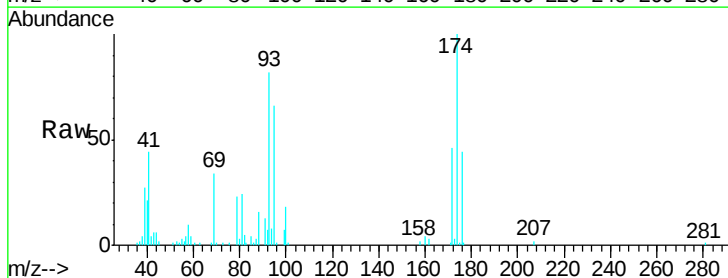
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

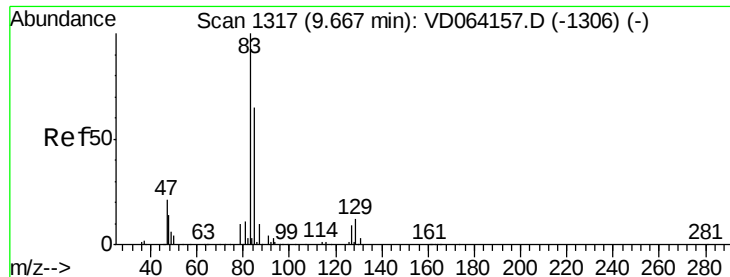
Tgt Ion: 63 Resp: 85002
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.7 38.5



#46
 Dibromomethane
 Concen: 19.354 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

Tgt Ion: 93 Resp: 44733
 Ion Ratio Lower Upper
 93 100
 95 85.5 65.5 98.3
 174 116.6 93.9 140.9





#47

Bromodichloromethane

Concen: 19.468 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBS01

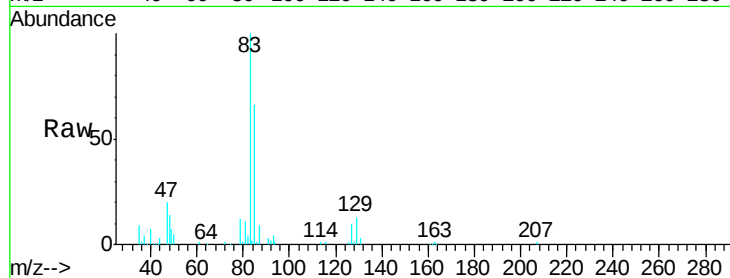
Tgt Ion: 83 Resp: 121203

Ion Ratio Lower Upper

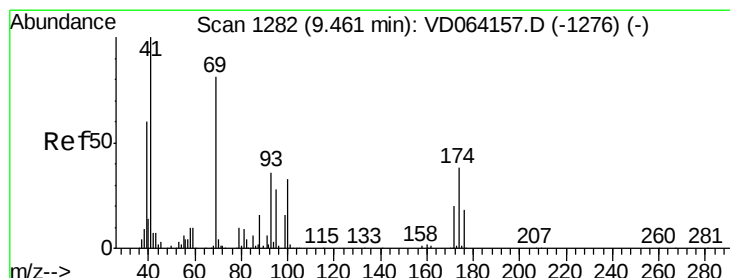
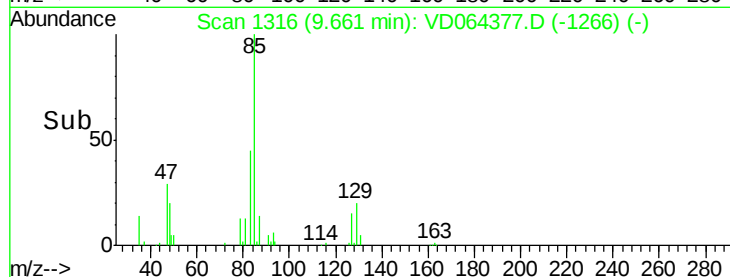
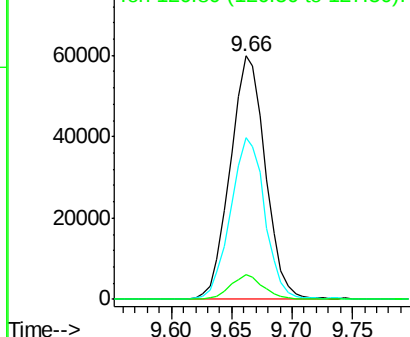
83 100

85 66.2 52.2 78.4

127 10.0 7.5 11.3



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: 16.145 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

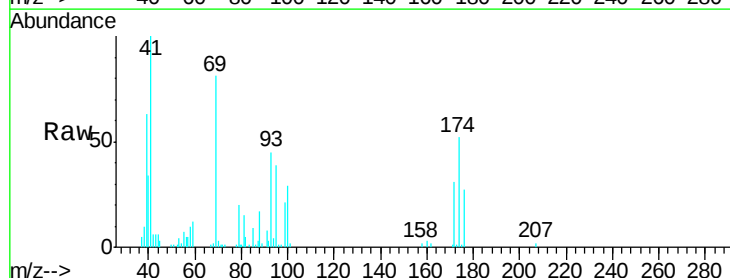
Tgt Ion: 41 Resp: 44505

Ion Ratio Lower Upper

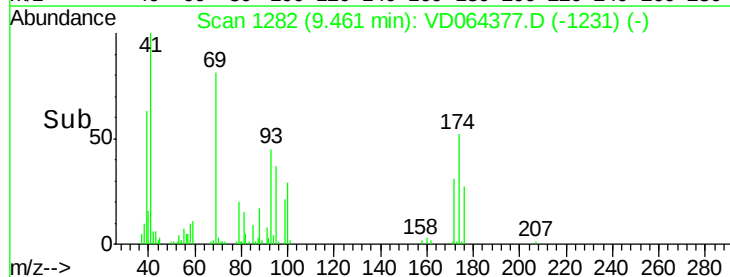
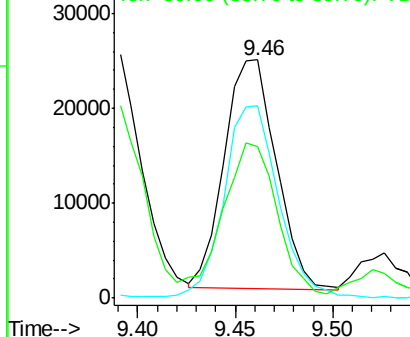
41 100

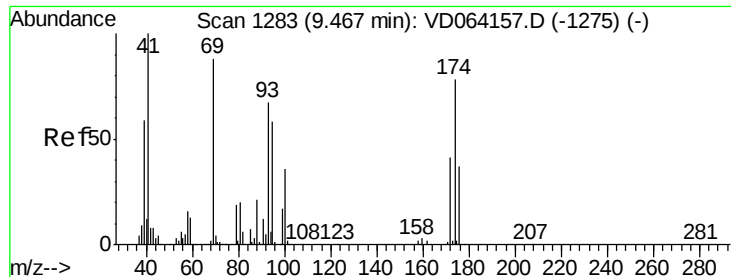
69 88.7 64.6 97.0

39 67.2 48.2 72.2



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

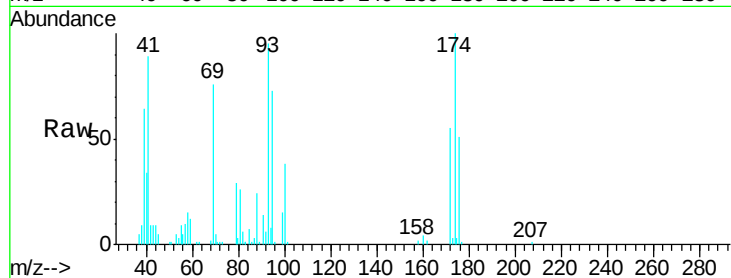




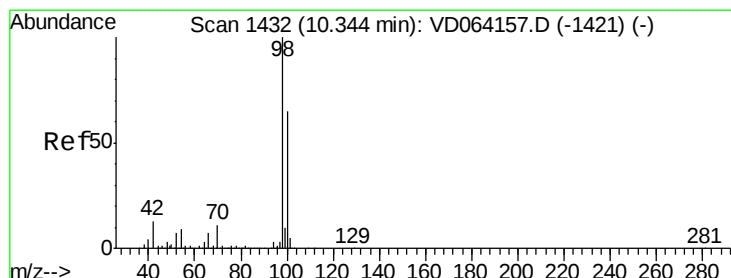
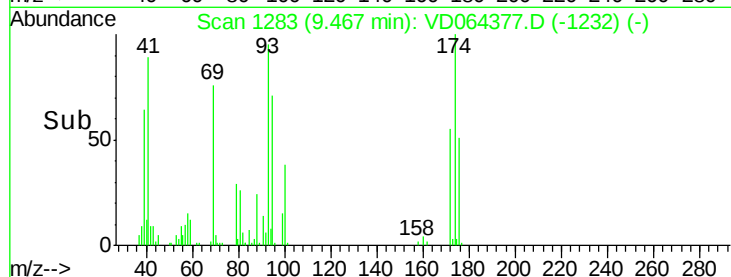
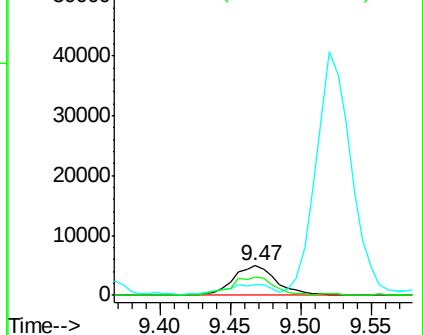
#49
1,4-Dioxane
Concen: 368.538 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

Tgt Ion: 88 Resp: 10230
Ion Ratio Lower Upper
88 100
43 42.3 29.8 44.8
58 64.7 58.1 87.1

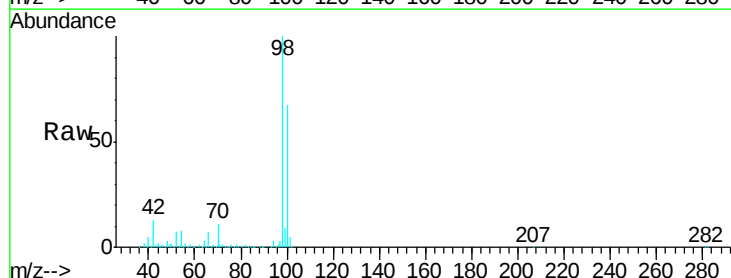


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

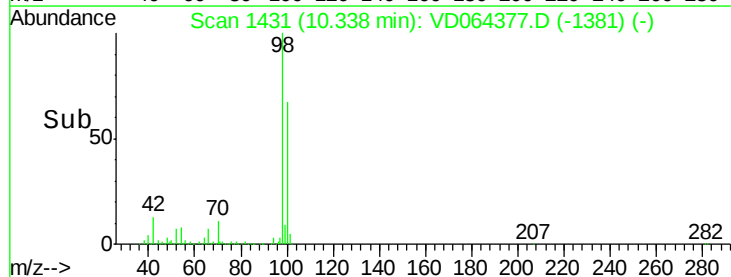
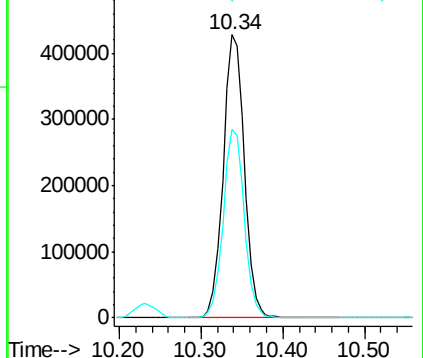


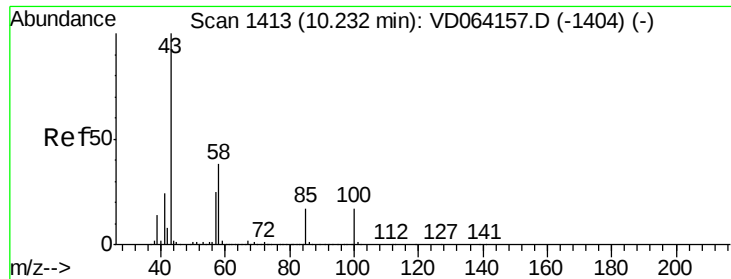
#50
Toluene-d8
Concen: 50.546 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion: 98 Resp: 769700
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



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

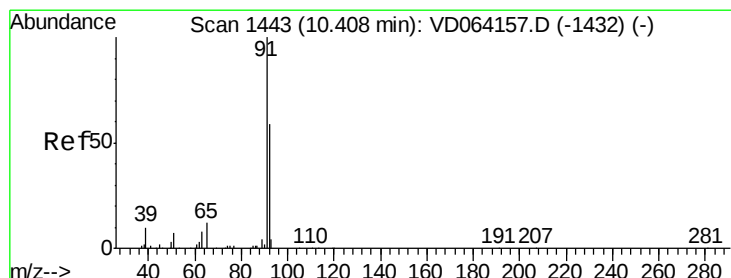
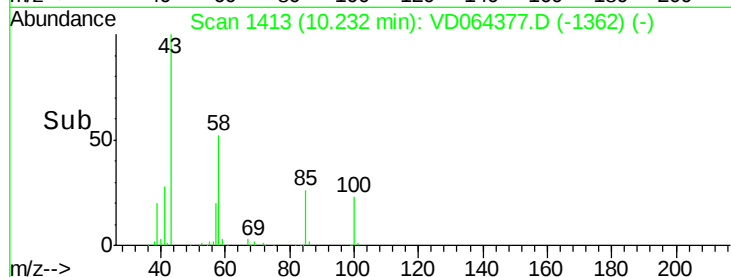
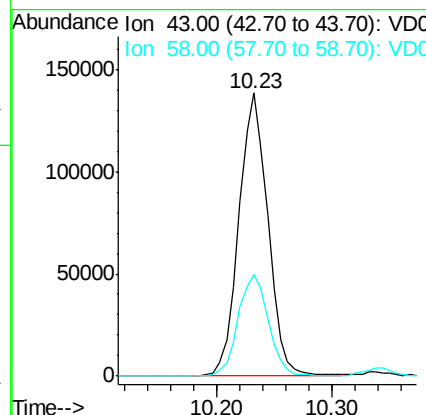
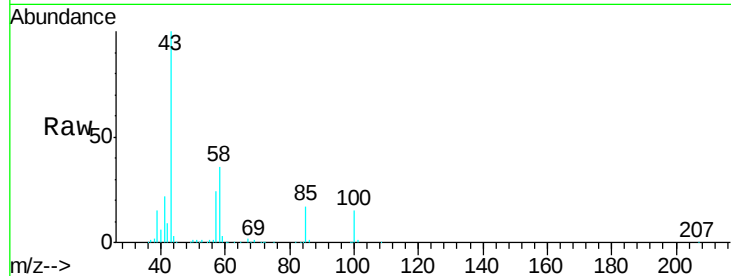




#51
 4-Methyl-2-Pentanone
 Concen: 89.363 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

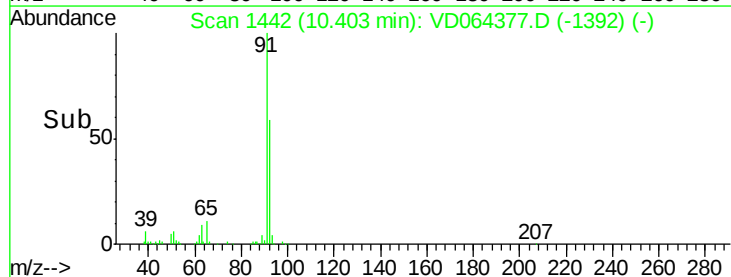
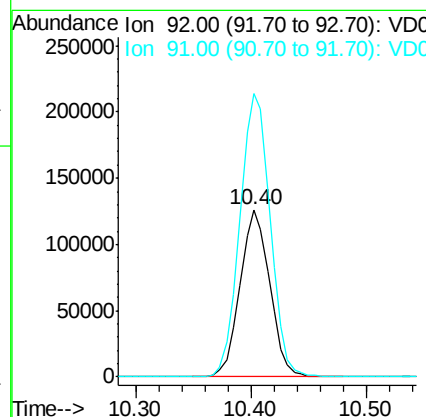
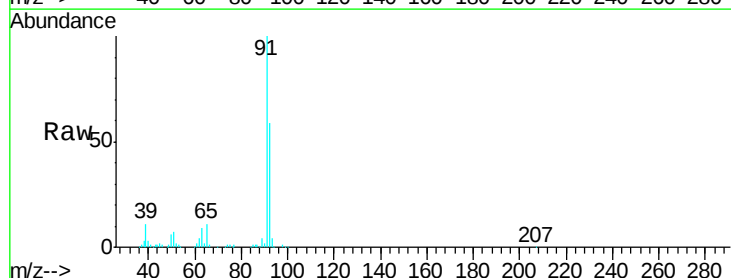
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

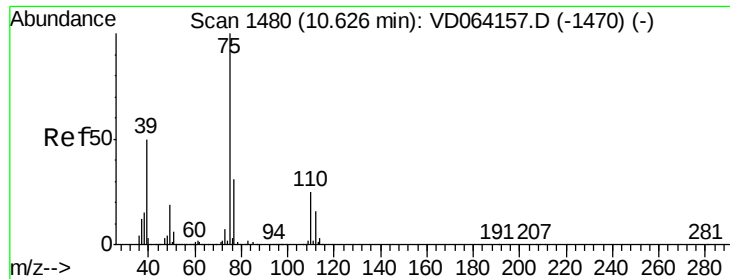
Tgt Ion: 43 Resp: 241582
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.2 45.4



#52
 Toluene
 Concen: 19.243 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

Tgt Ion: 92 Resp: 224438
 Ion Ratio Lower Upper
 92 100
 91 173.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 17.919 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

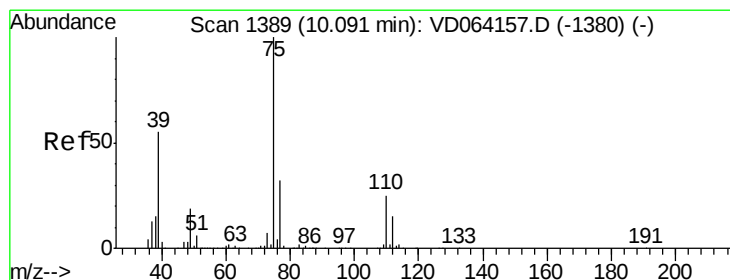
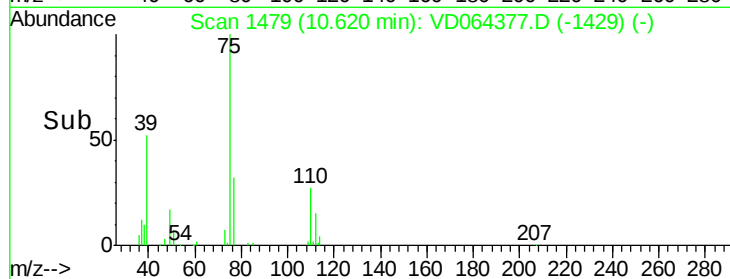
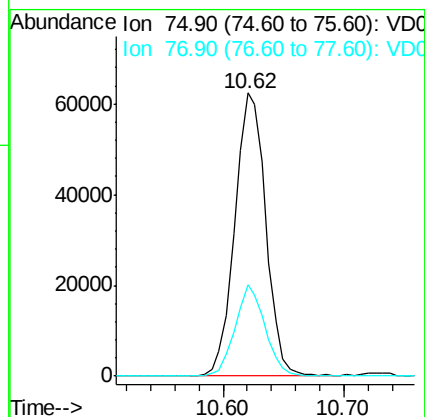
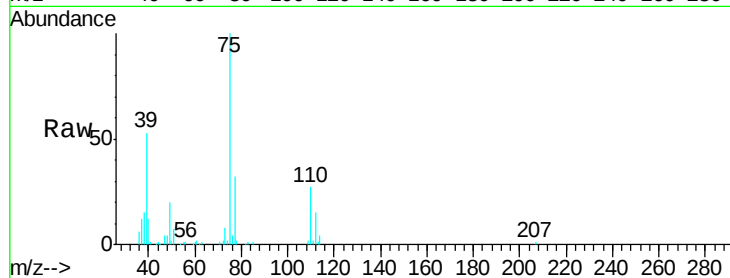
VD1126SBS01

Tgt Ion: 75 Resp: 111761

Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 18.584 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

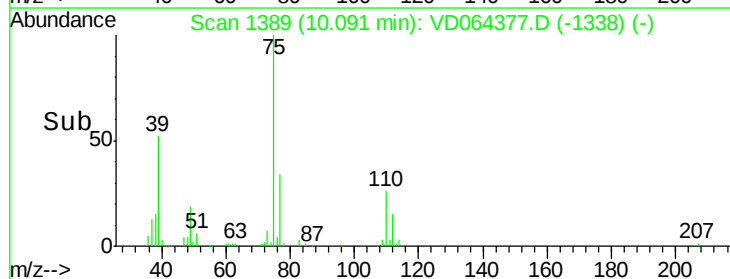
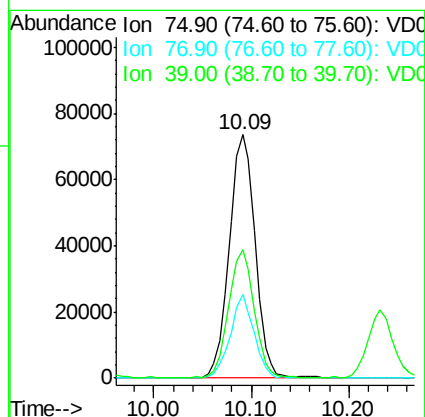
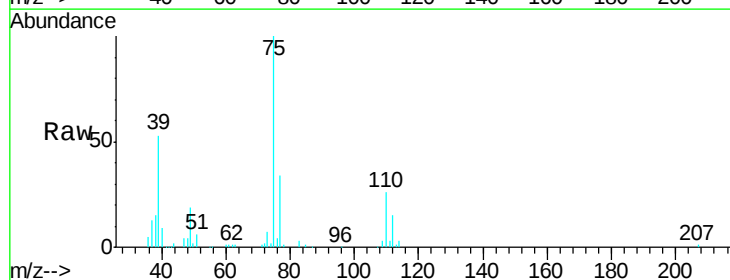
Tgt Ion: 75 Resp: 135262

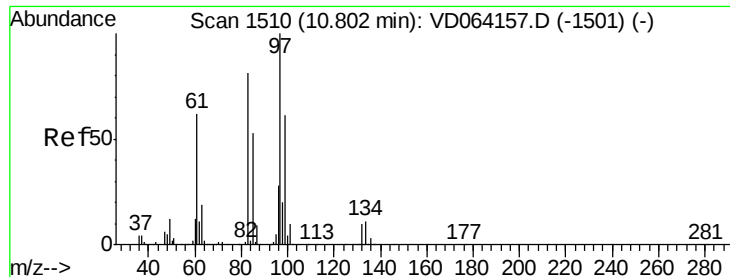
Ion Ratio Lower Upper

75 100

77 34.3 25.2 37.8

39 52.6 44.2 66.2

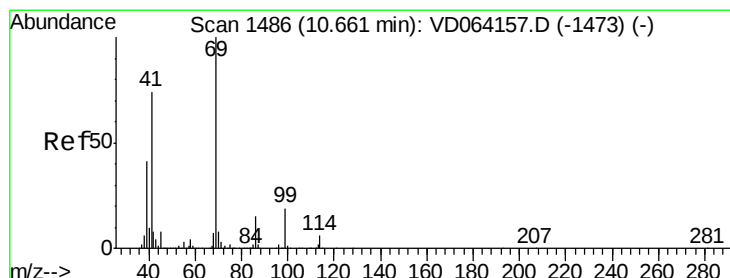
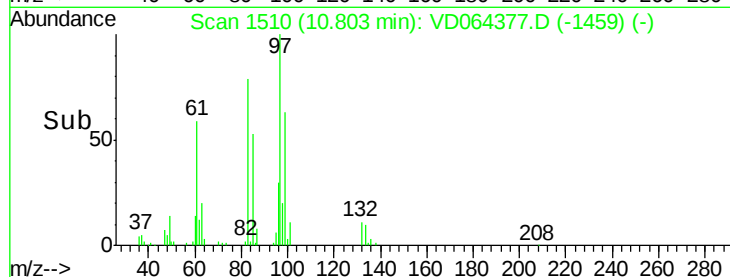
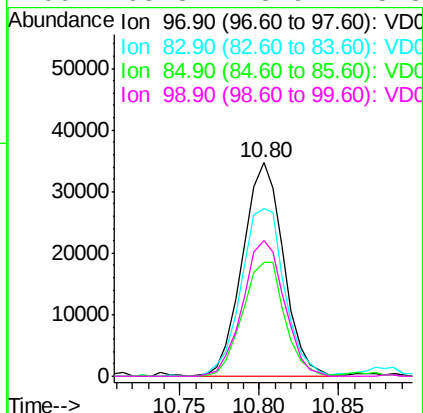
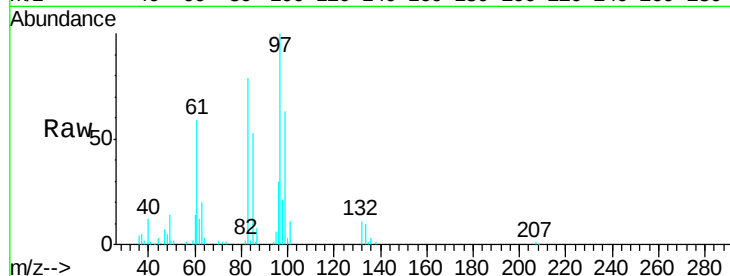




#55
 1,1,2-Trichloroethane
 Concen: 19.935 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

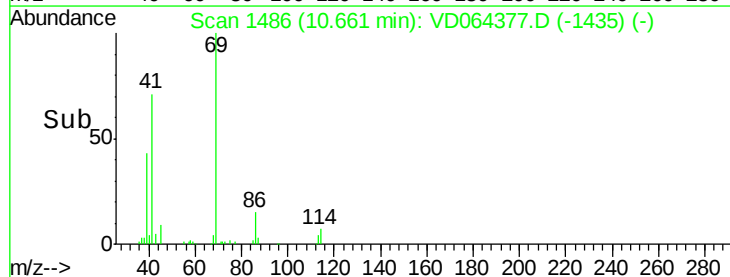
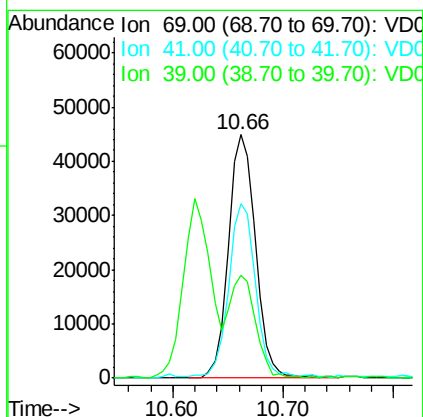
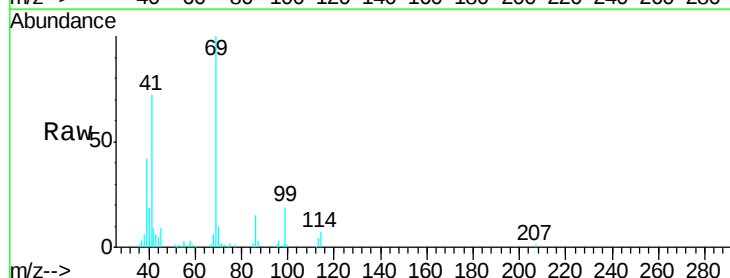
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

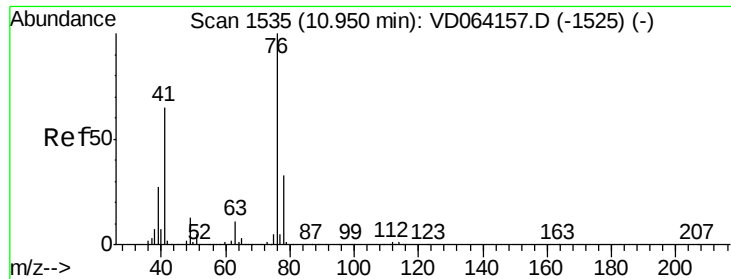
Tgt Ion:	97	Resp:	62504
Ion	Ratio	Lower	Upper
97	100		
83	78.7	65.1	97.7
85	53.4	42.0	63.0
99	63.3	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 17.700 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

Tgt Ion:	69	Resp:	77633
Ion	Ratio	Lower	Upper
69	100		
41	70.3	57.9	86.9
39	40.3	29.0	43.4

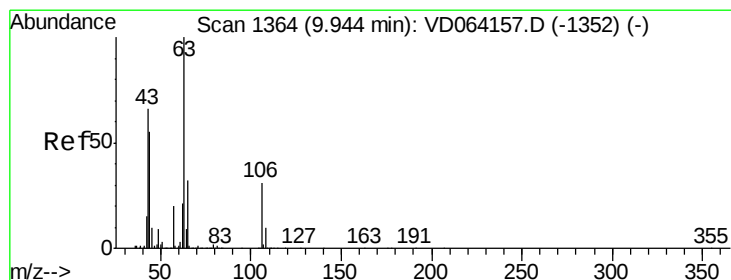
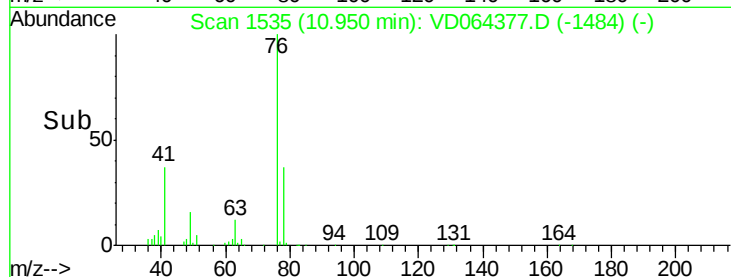
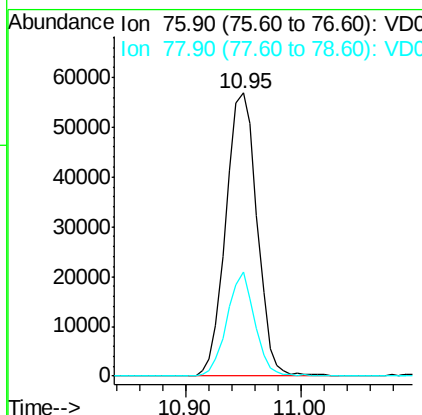
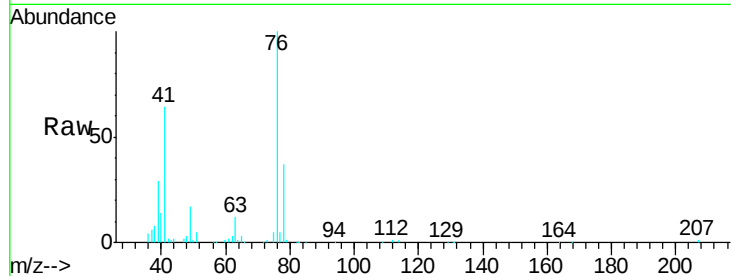




#57
 1,3-Dichloropropane
 Concen: 19.538 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

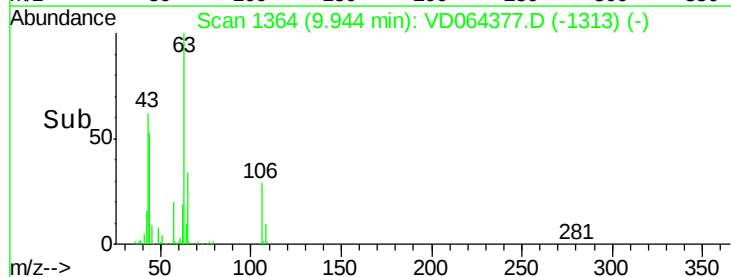
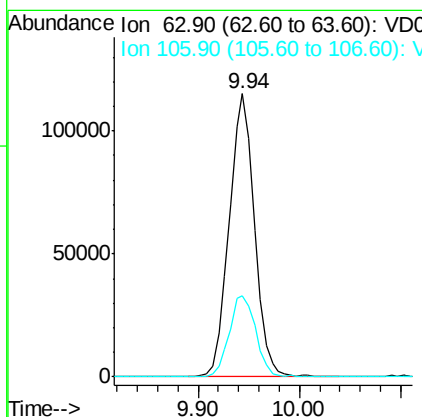
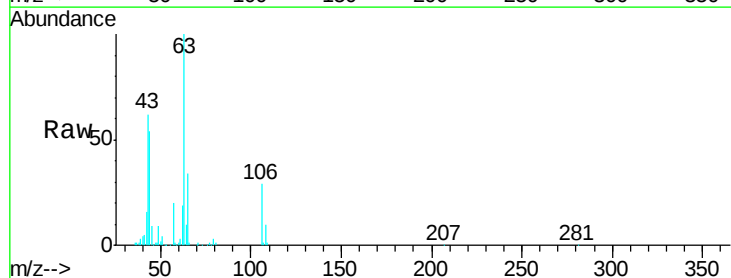
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

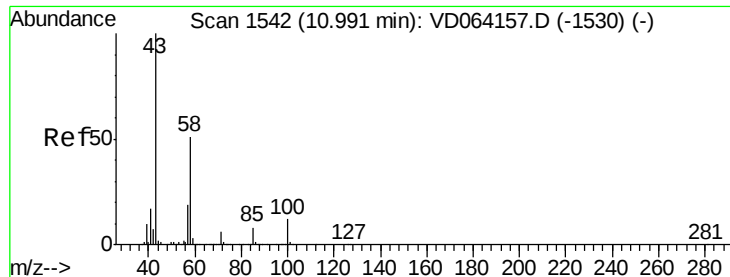
Tgt Ion: 76 Resp: 106835
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.137 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

Tgt Ion: 63 Resp: 199230
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.1 36.1

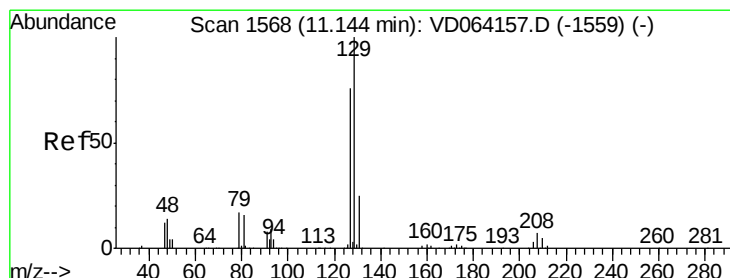
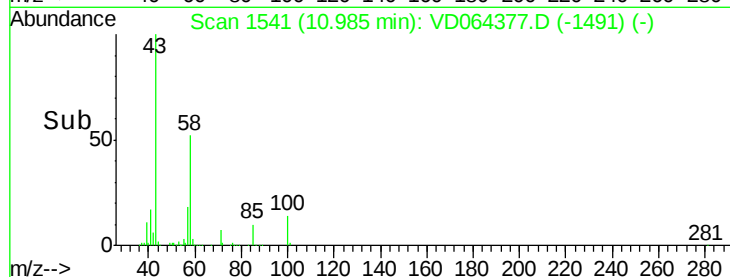
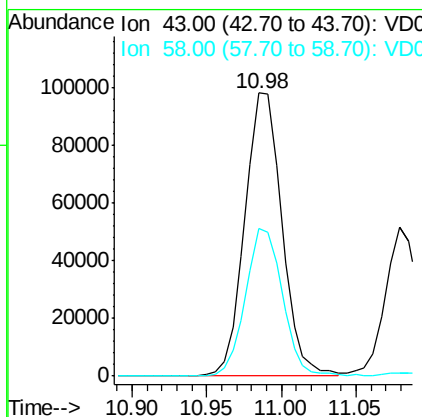
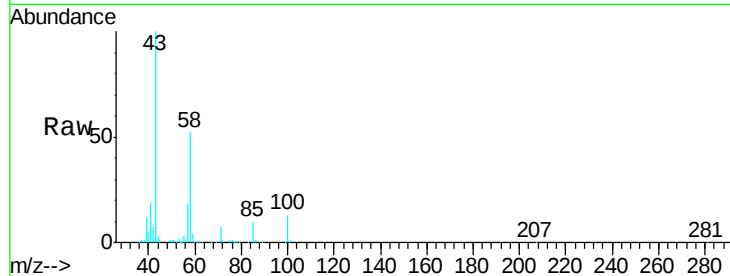




#59
2-Hexanone
Concen: 87.973 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

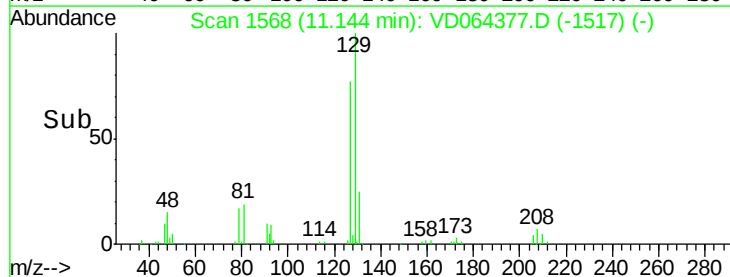
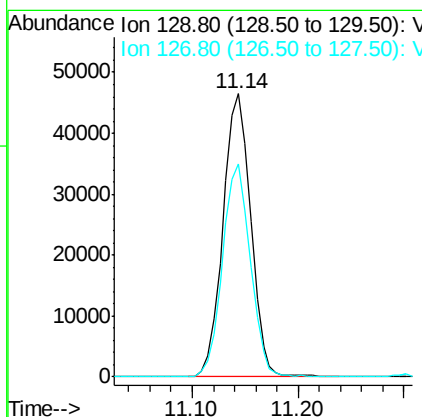
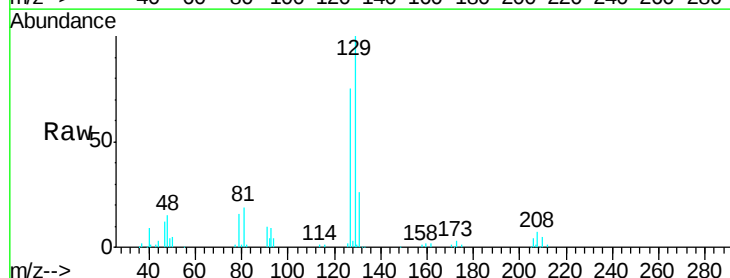
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

Tgt Ion: 43 Resp: 169199
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7



#60
Dibromochloromethane
Concen: 19.367 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion: 129 Resp: 84730
Ion Ratio Lower Upper
129 100
127 75.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.362 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

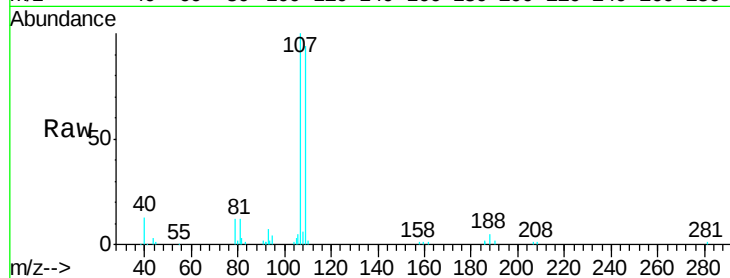
VD1126SBS01

Tgt Ion: 107 Resp: 60804

Ion Ratio Lower Upper

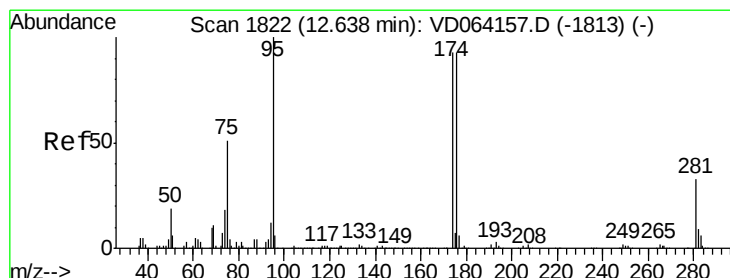
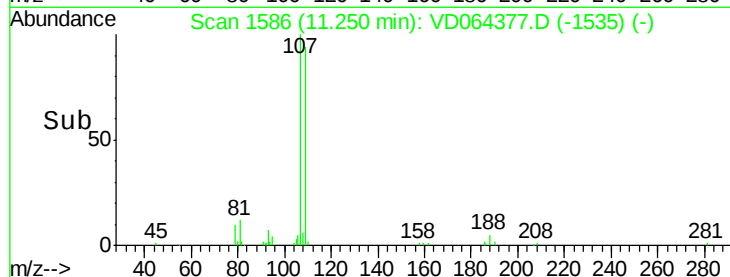
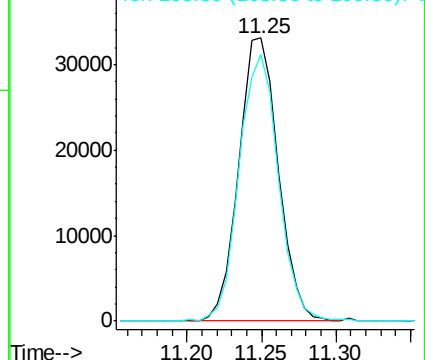
107 100

109 93.9 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.685 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

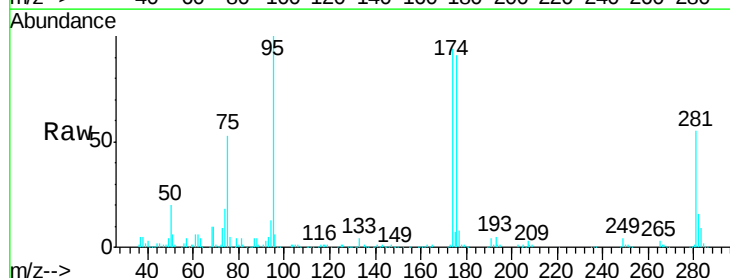
Tgt Ion: 95 Resp: 256738

Ion Ratio Lower Upper

95 100

174 96.0 0.0 183.6

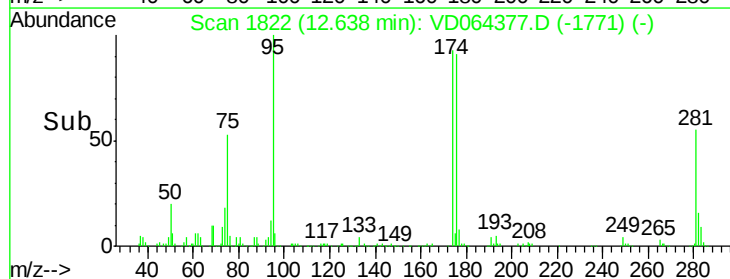
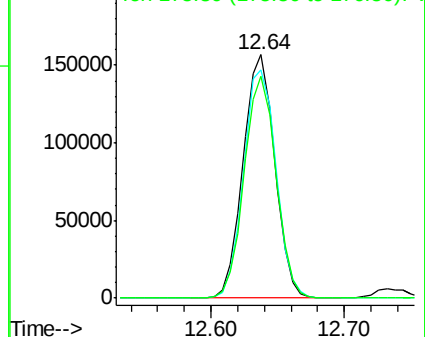
176 91.4 0.0 180.2

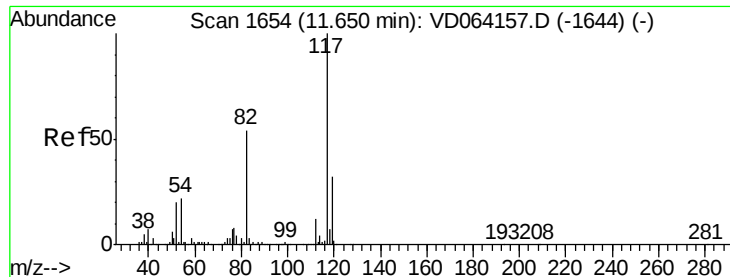


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

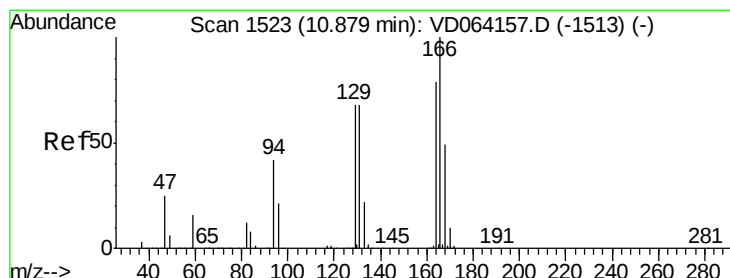
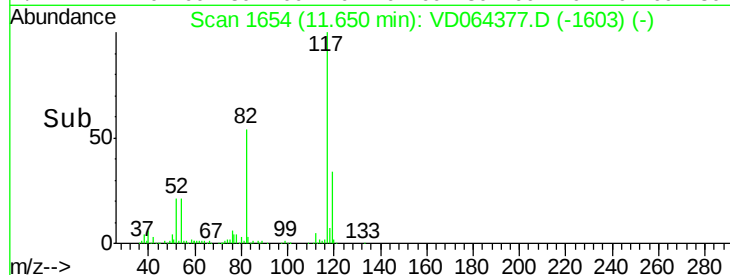
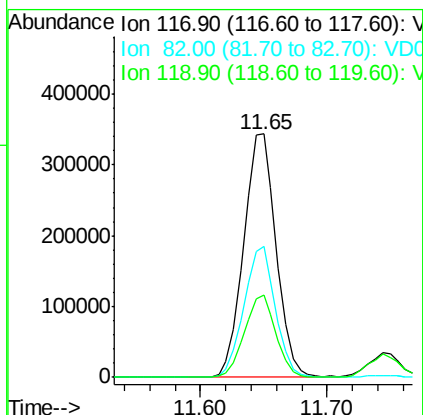
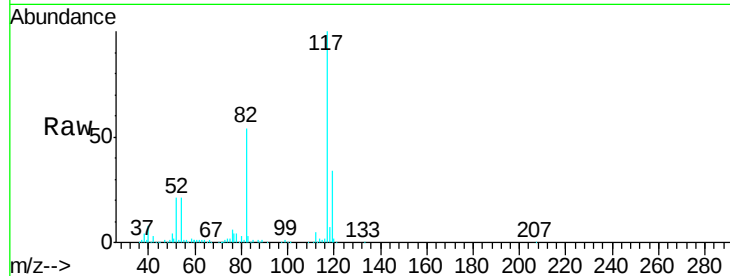




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

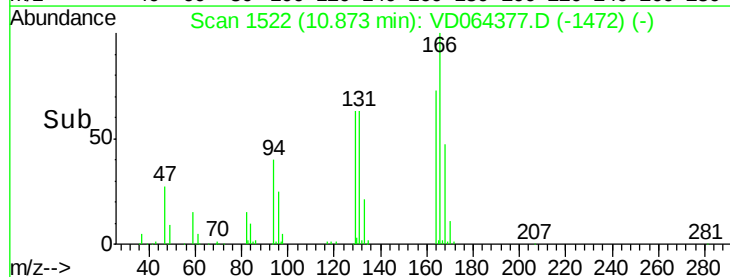
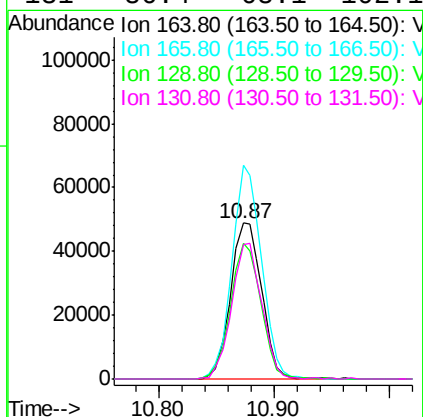
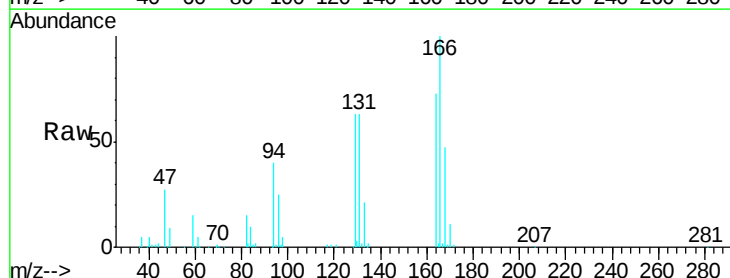
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

Tgt Ion:117 Resp: 611980
Ion Ratio Lower Upper
117 100
82 53.8 42.8 64.2
119 33.7 25.6 38.4



#64
Tetrachloroethene
Concen: 19.427 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion:164 Resp: 91437
Ion Ratio Lower Upper
164 100
166 137.1 100.8 151.2
129 87.0 68.7 103.1
131 86.4 68.1 102.1

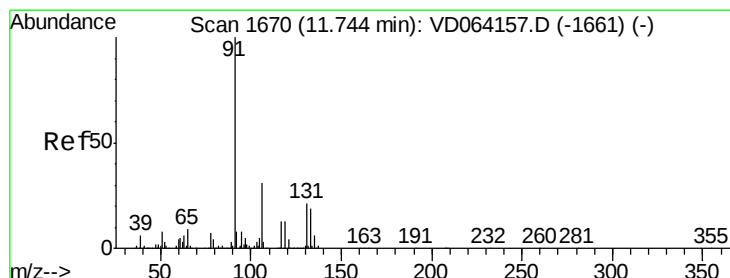
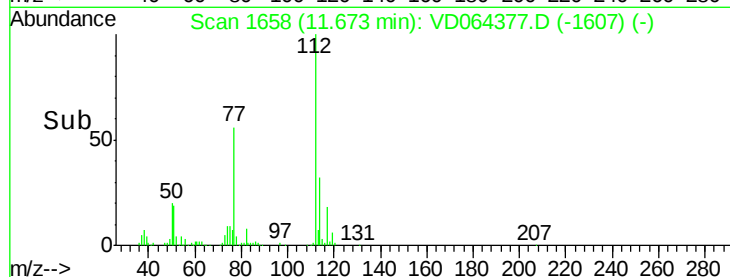
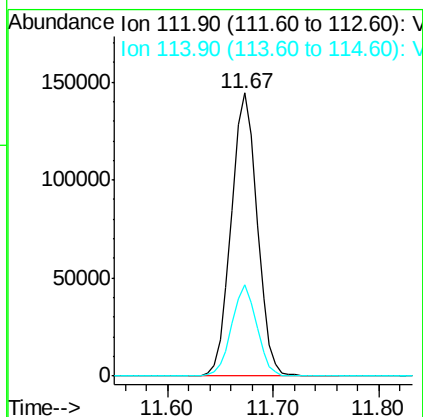
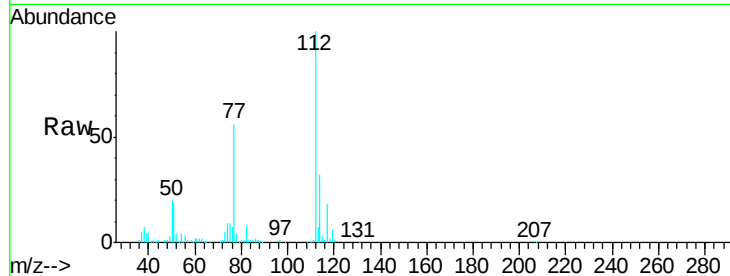




#65
Chlorobenzene
Concen: 19.647 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

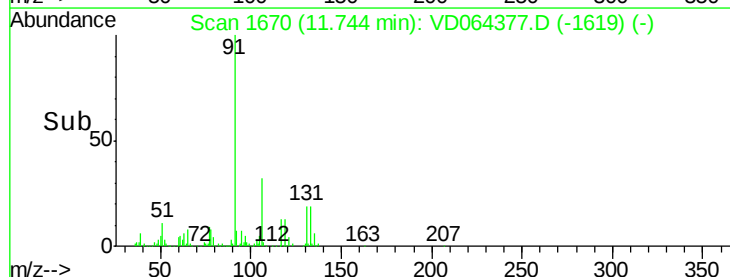
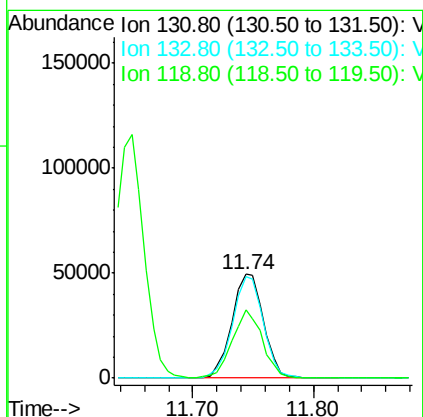
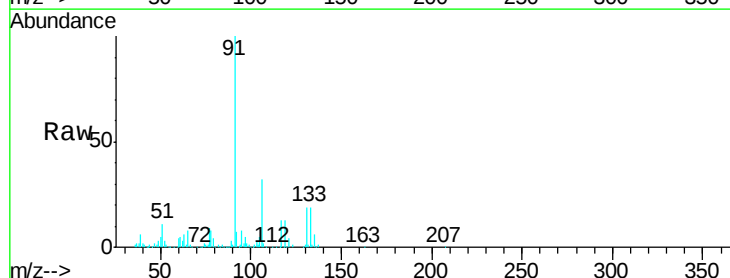
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

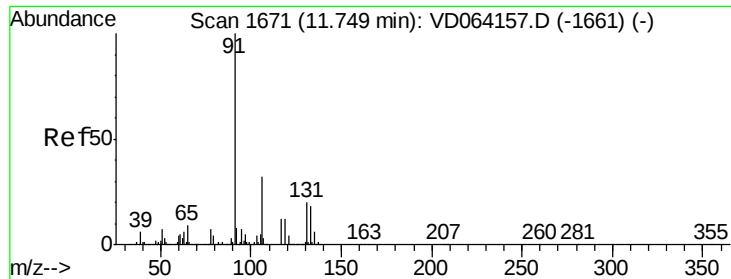
Tgt Ion:112 Resp: 244499
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.154 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion:131 Resp: 90635
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 62.6 31.1 93.3

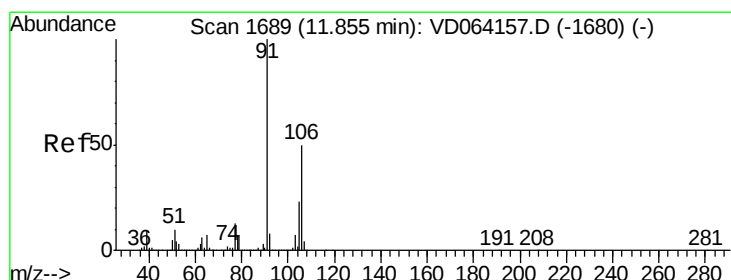
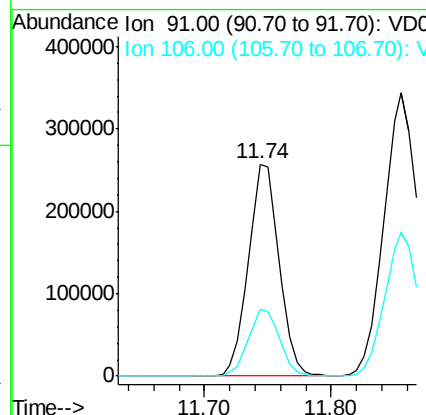
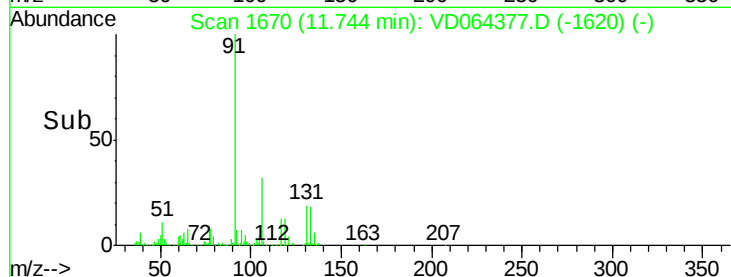
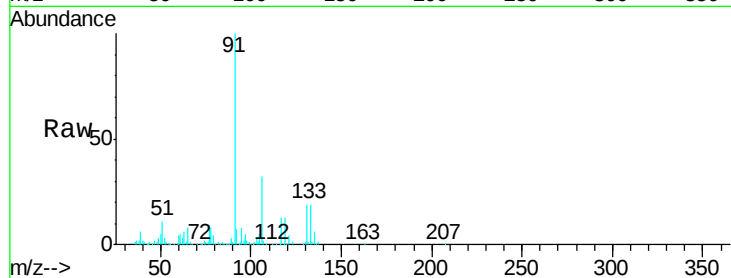




#67
Ethyl Benzene
Concen: 19.281 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

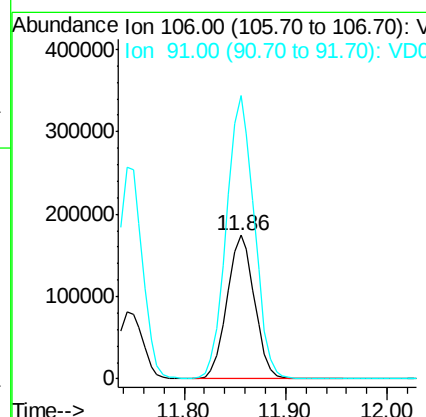
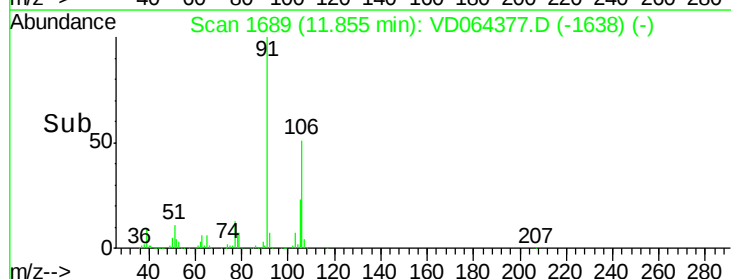
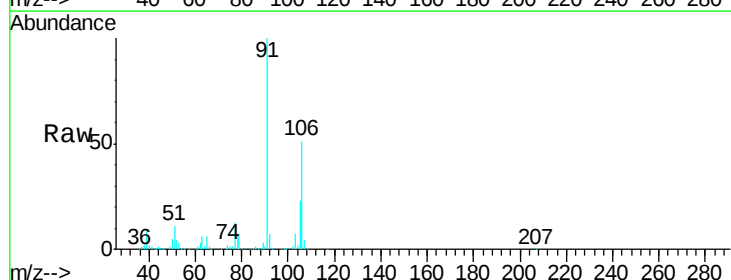
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

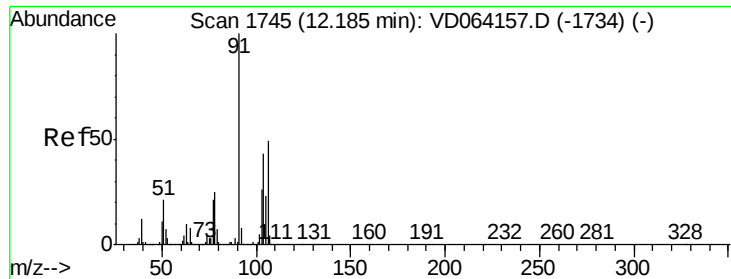
Tgt Ion: 91 Resp: 434026
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 37.838 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion: 106 Resp: 326477
Ion Ratio Lower Upper
106 100
91 200.4 160.3 240.5

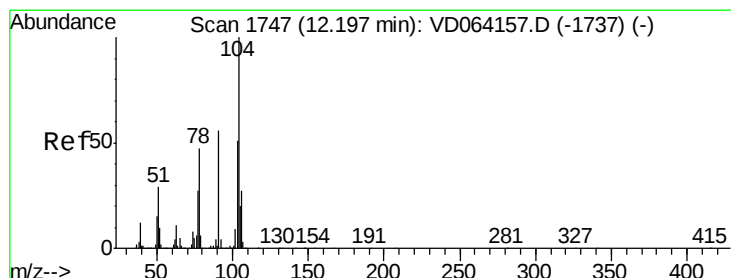
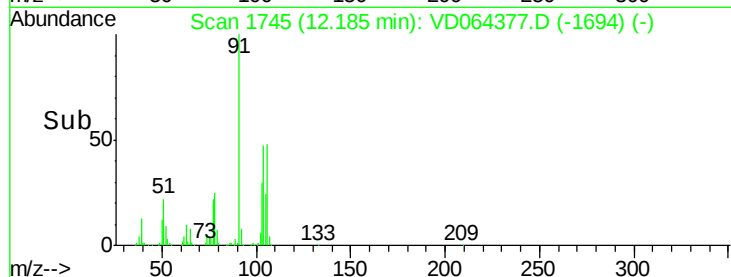
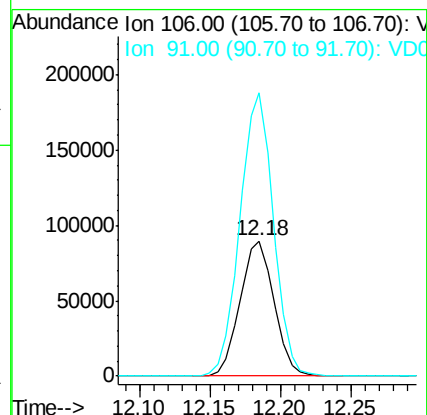
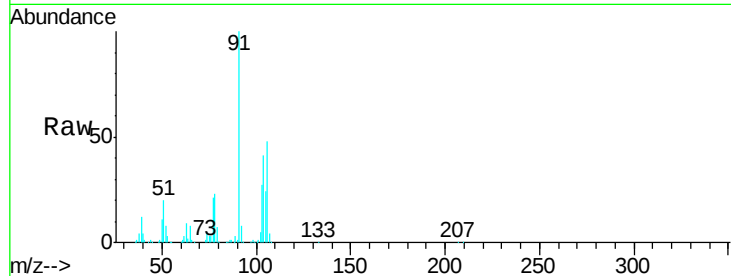




#69
o-Xylene
Concen: 18.863 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

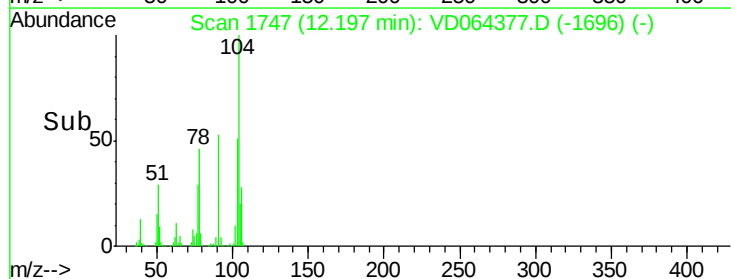
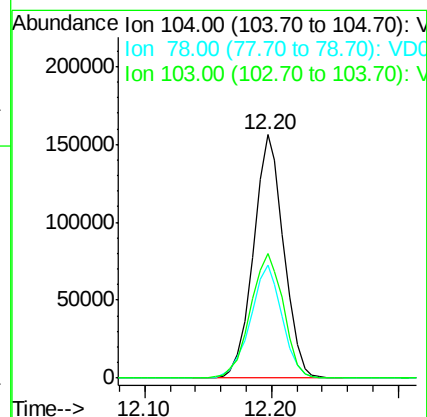
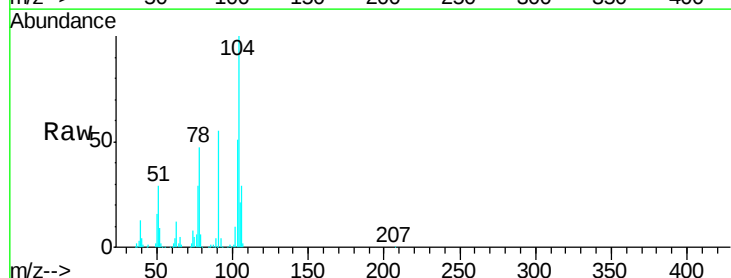
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

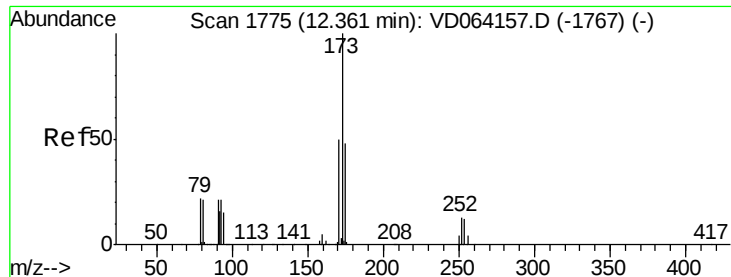
Tgt Ion:106 Resp: 150944
Ion Ratio Lower Upper
106 100
91 206.6 105.1 315.3



#70
Styrene
Concen: 18.573 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion:104 Resp: 259434
Ion Ratio Lower Upper
104 100
78 48.6 39.9 59.9
103 55.8 43.4 65.0

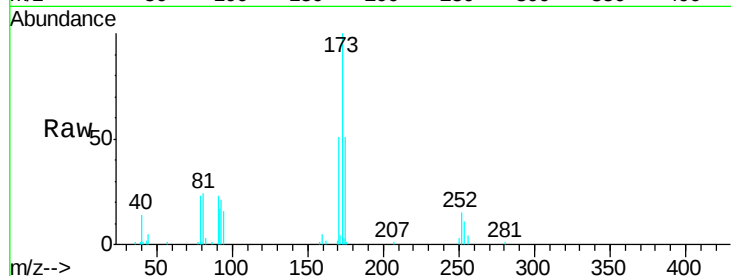




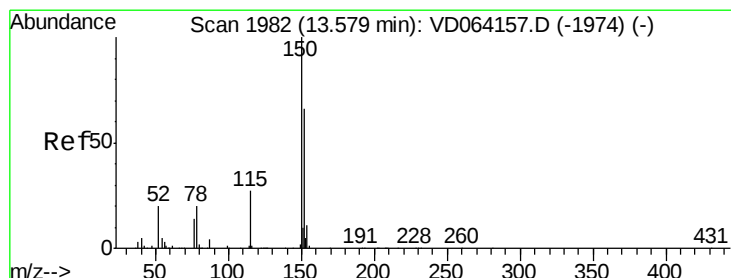
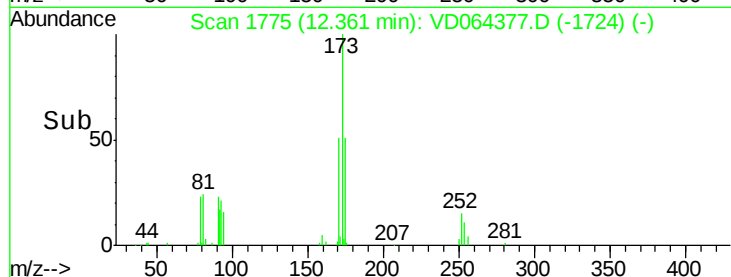
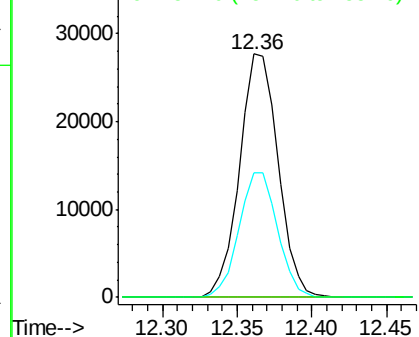
#71
Bromoform
Concen: 18.475 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

Tgt Ion:173 Resp: 49754
Ion Ratio Lower Upper
173 100
175 50.9 24.1 72.3
254 0.0 0.2 0.2#

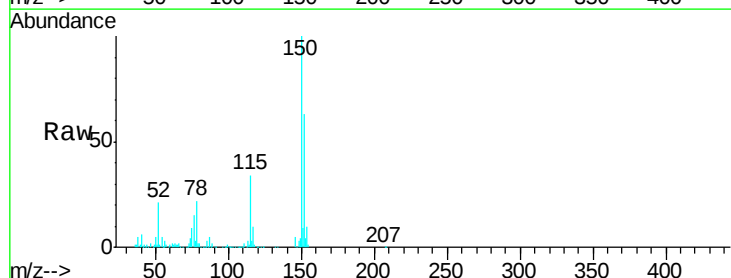


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

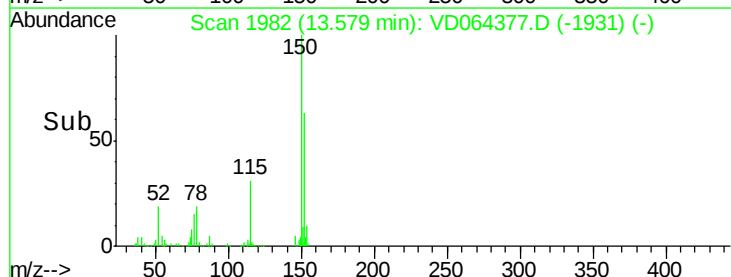
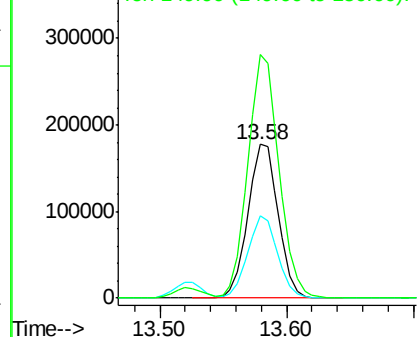


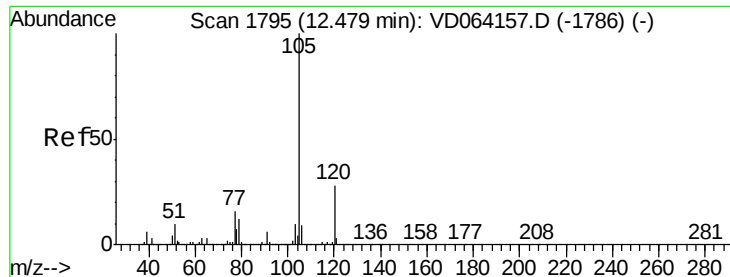
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion:152 Resp: 294972
Ion Ratio Lower Upper
152 100
115 52.8 27.4 82.2
150 162.4 0.0 351.6



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: 19.541 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

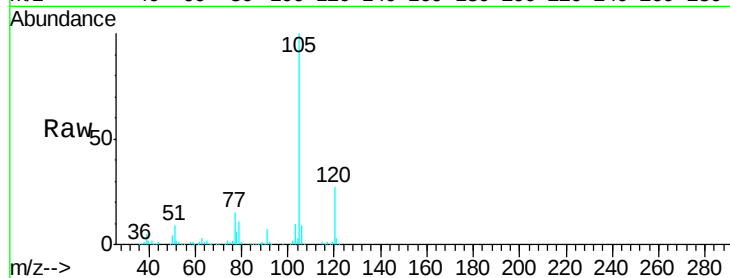
VD1126SBS01

Tgt Ion:105 Resp: 423081

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

250000

200000

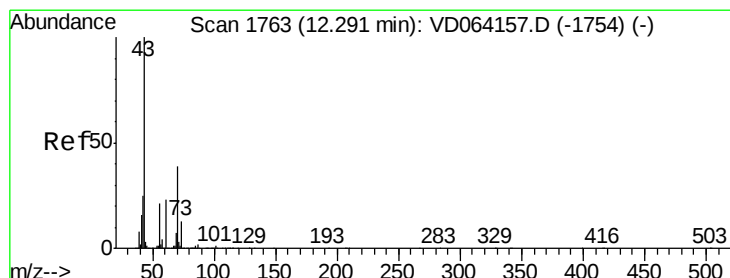
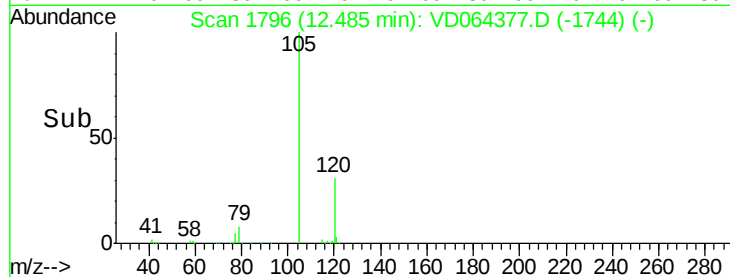
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 17.121 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Tgt Ion: 43 Resp: 87538

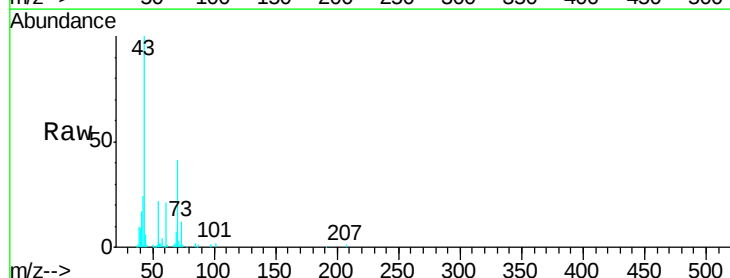
Ion Ratio Lower Upper

43 100

70 42.1 32.4 48.6

55 23.6 17.9 26.9

61 22.6 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.29

80000

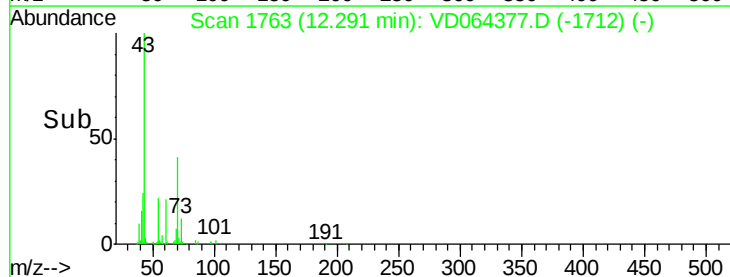
60000

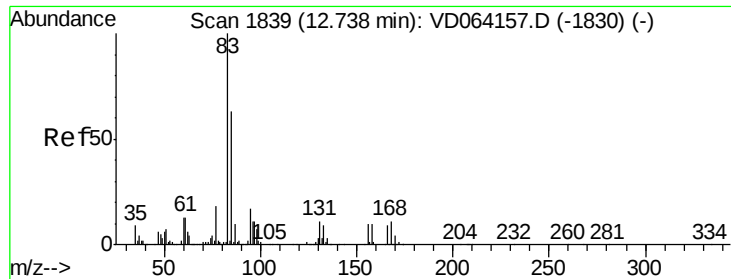
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.642 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBS01

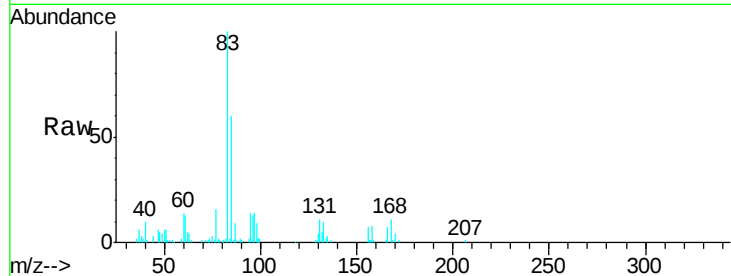
Tgt Ion: 83 Resp: 64080

Ion Ratio Lower Upper

83 100

131 12.3 5.9 17.7

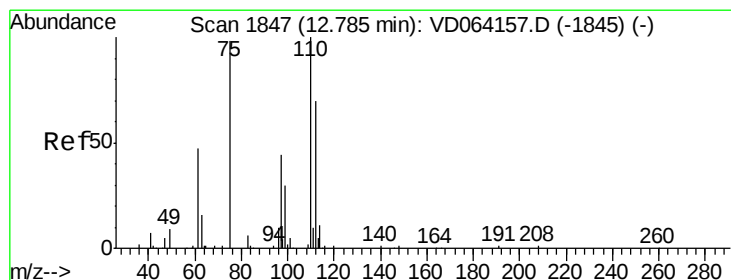
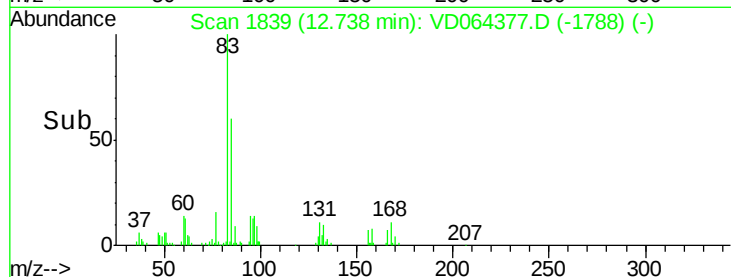
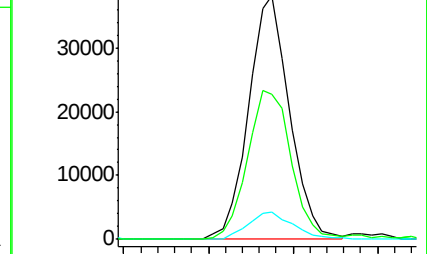
85 66.4 32.5 97.5



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: 35.145 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD064377.D

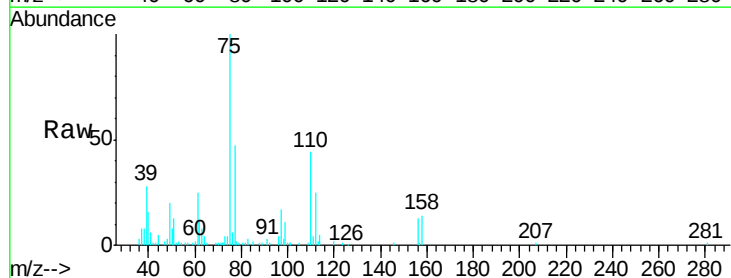
Acq: 26 Nov 2019 11:56

Tgt Ion: 75 Resp: 83501

Ion Ratio Lower Upper

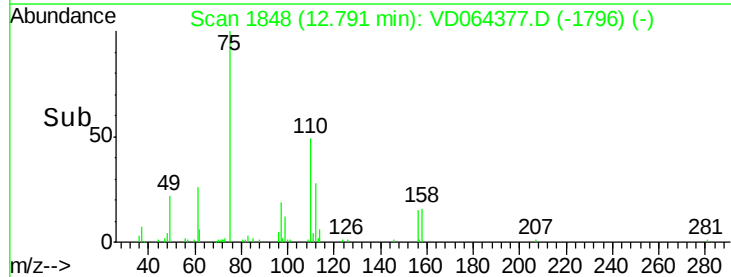
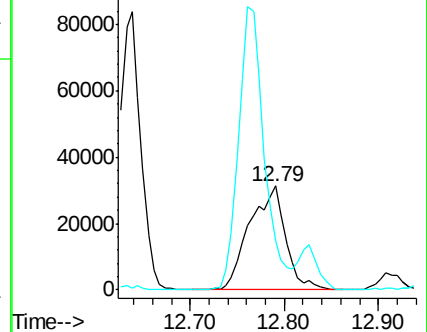
75 100

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: 19.537 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBS01

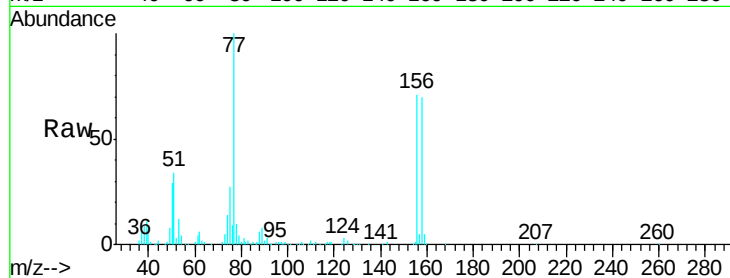
Tgt Ion: 156 Resp: 102763

Ion Ratio Lower Upper

156 100

77 158.5 81.2 243.4

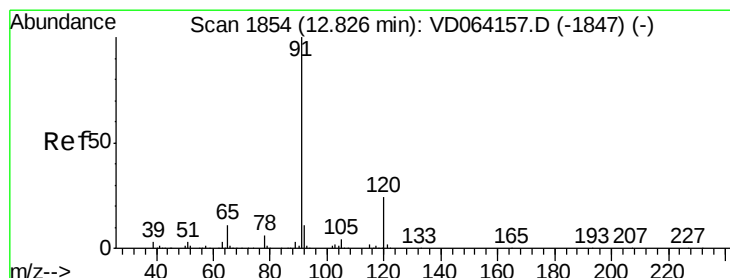
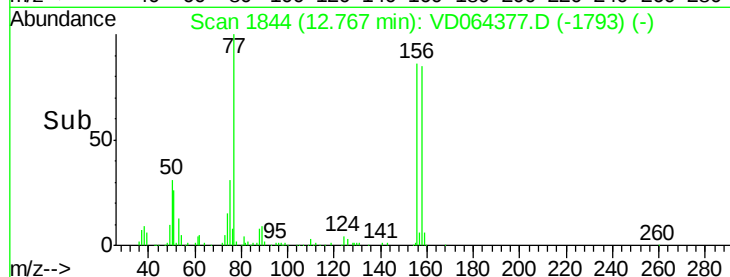
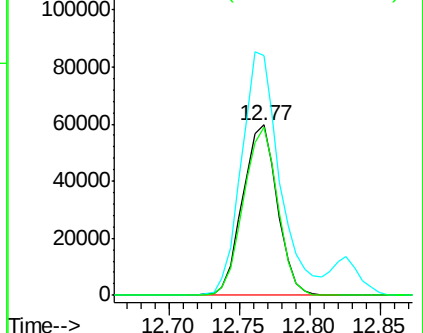
158 97.8 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.832 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064377.D

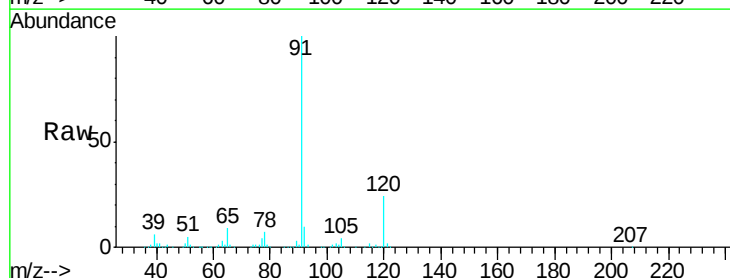
Acq: 26 Nov 2019 11:56

Tgt Ion: 91 Resp: 490574

Ion Ratio Lower Upper

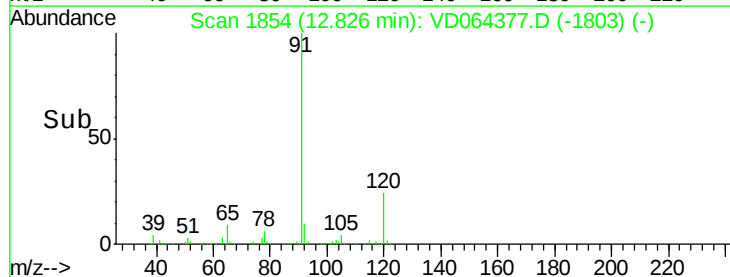
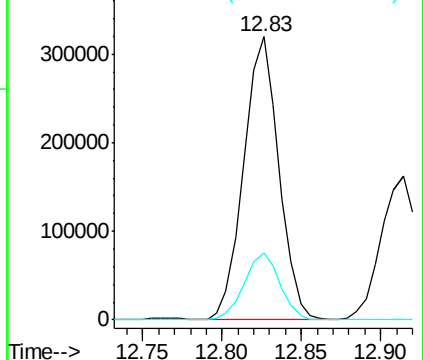
91 100

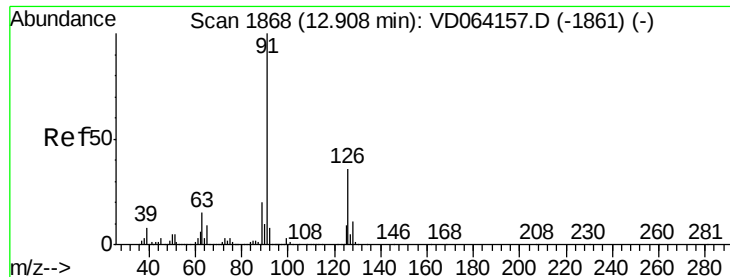
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.226 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

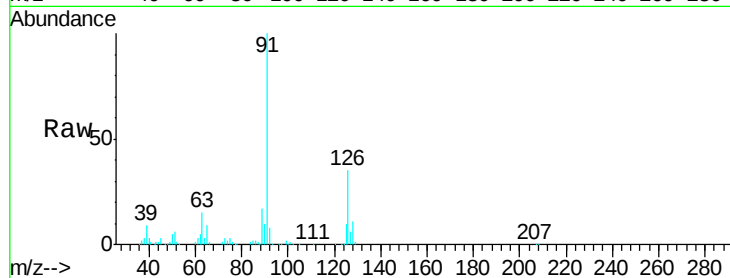
VD1126SBS01

Tgt Ion: 91 Resp: 268504

Ion Ratio Lower Upper

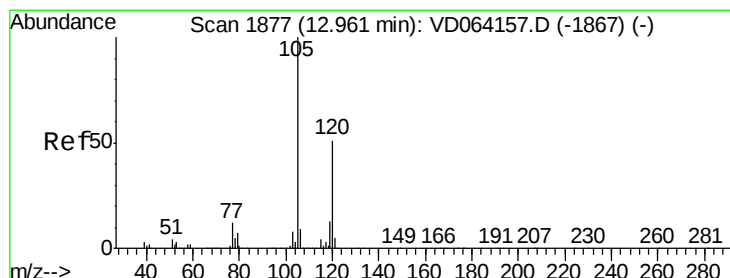
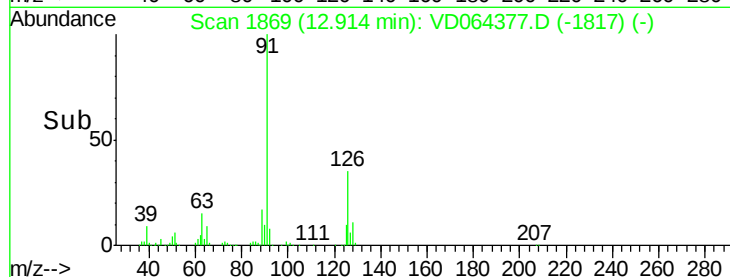
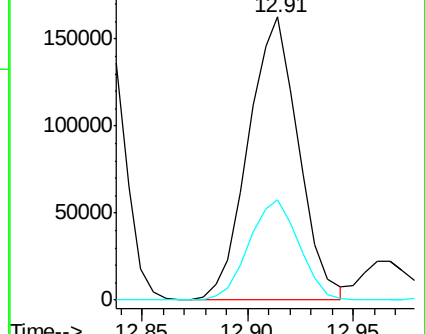
91 100

126 35.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.198 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD064377.D

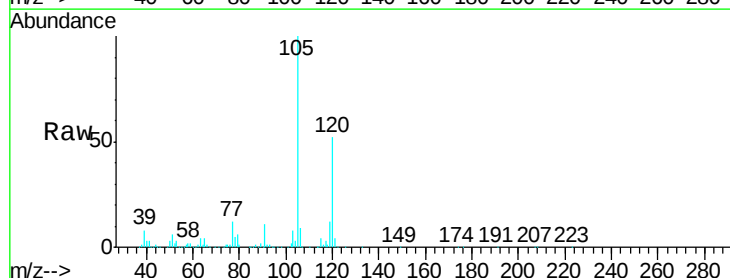
Acq: 26 Nov 2019 11:56

Tgt Ion: 105 Resp: 341545

Ion Ratio Lower Upper

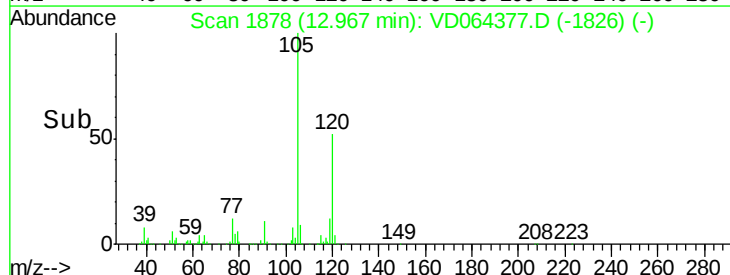
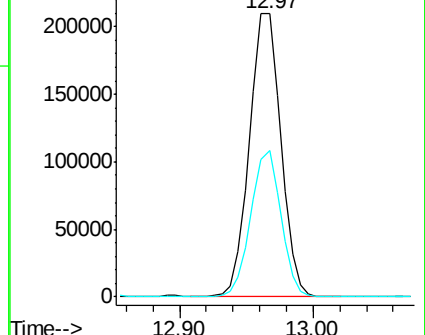
105 100

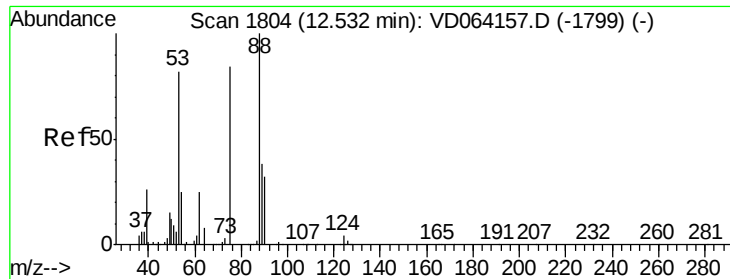
120 49.7 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.476 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064377.D

Acq: 26 Nov 2019 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBS01

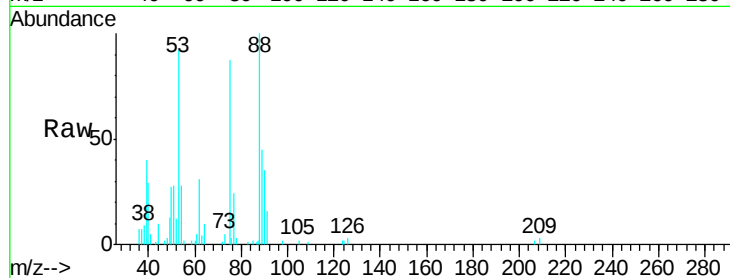
Tgt Ion: 75 Resp: 19707

Ion Ratio Lower Upper

75 100

53 107.5 79.4 119.0

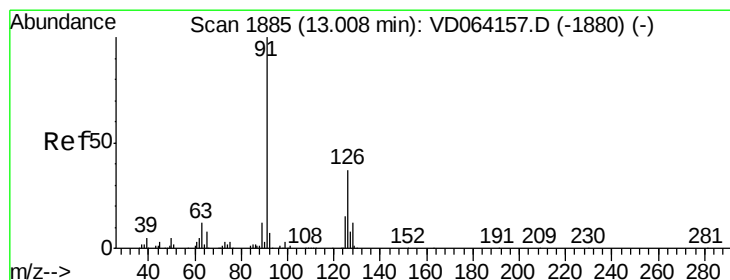
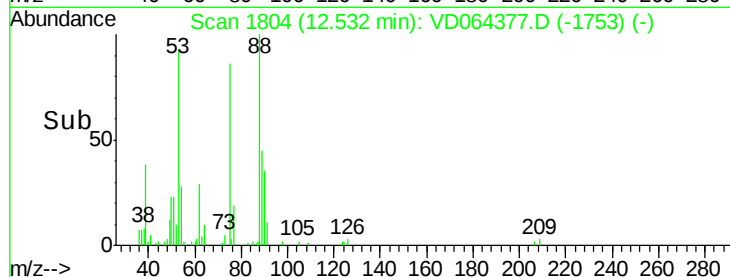
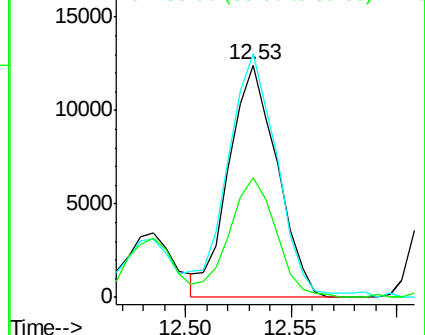
89 50.2 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 19.165 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD064377.D

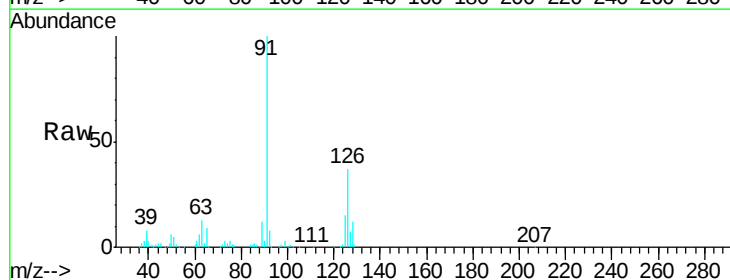
Acq: 26 Nov 2019 11:56

Tgt Ion: 91 Resp: 279170

Ion Ratio Lower Upper

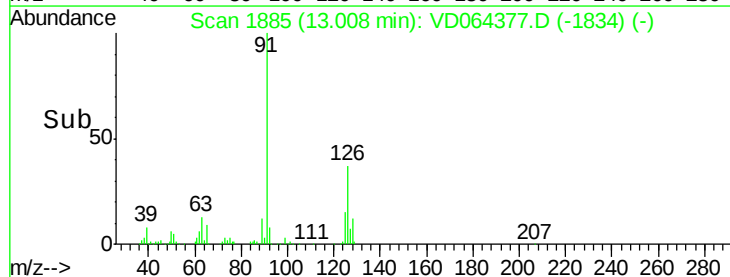
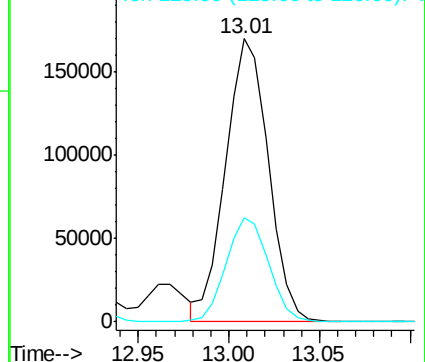
91 100

126 36.4 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

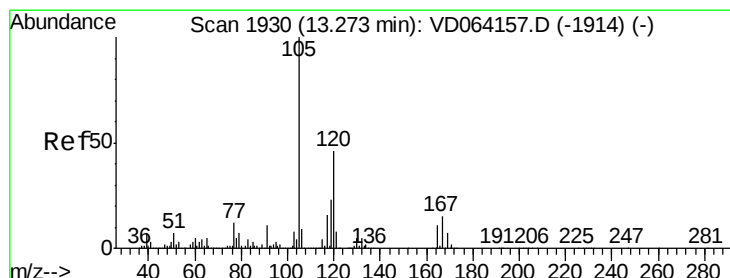
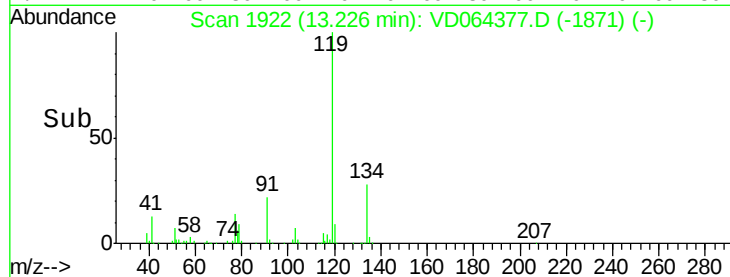
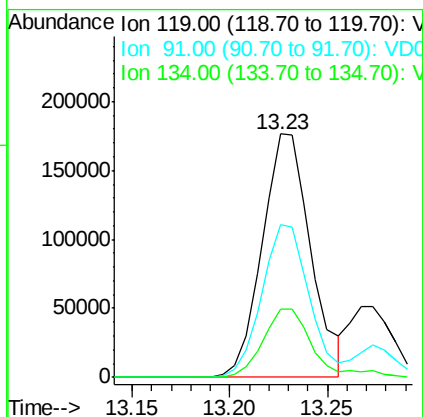
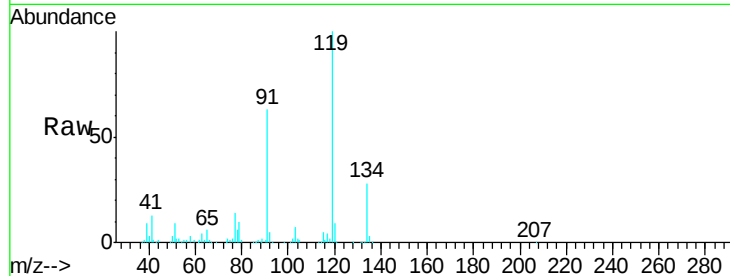




#83
 tert-Butylbenzene
 Concen: 19.371 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

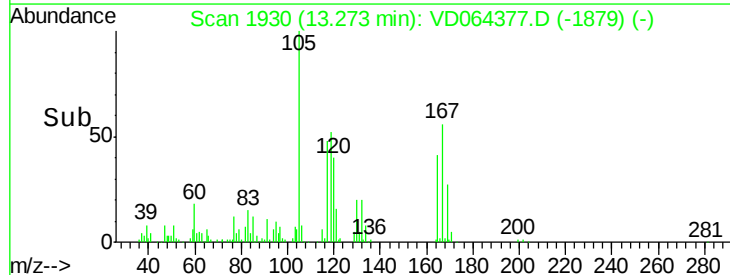
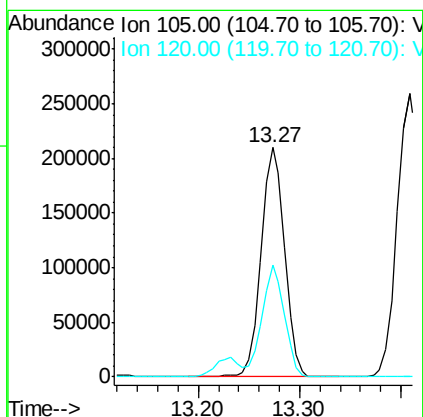
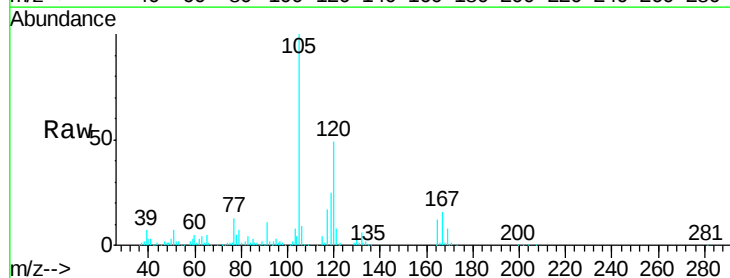
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

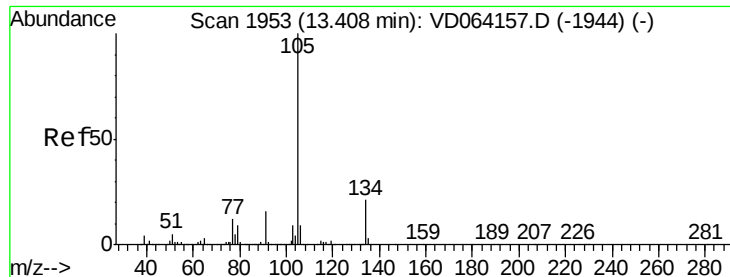
Tgt Ion:119 Resp: 303873
 Ion Ratio Lower Upper
 119 100
 91 61.0 31.8 95.4
 134 29.1 13.7 41.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.179 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

Tgt Ion:105 Resp: 336861
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.3 69.8

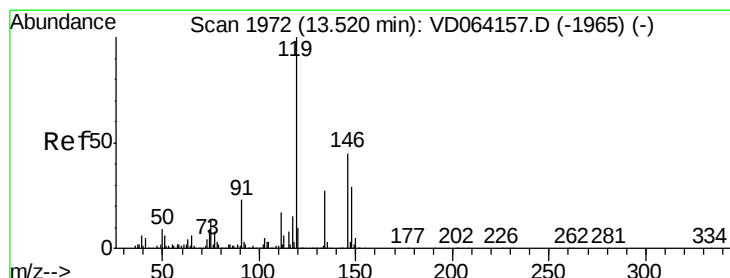
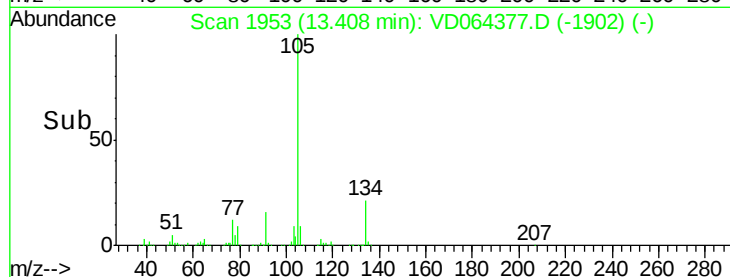
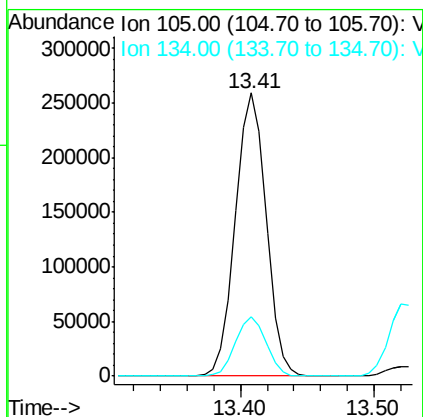
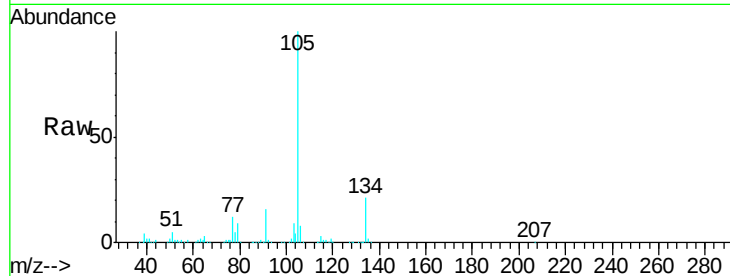




#85
 sec-Butylbenzene
 Concen: 19.696 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

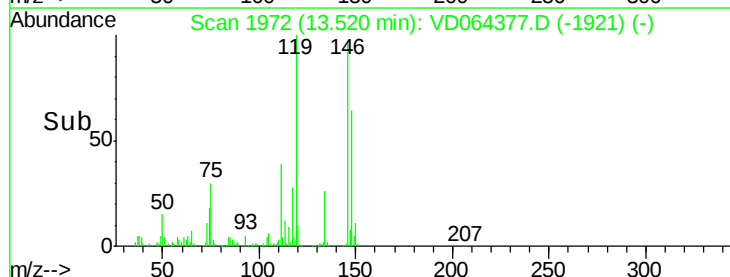
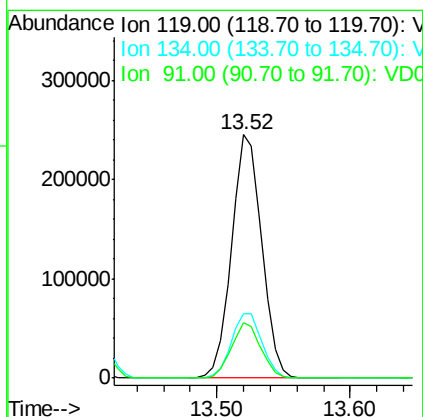
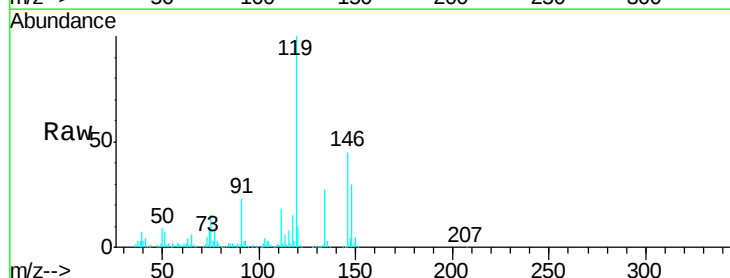
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

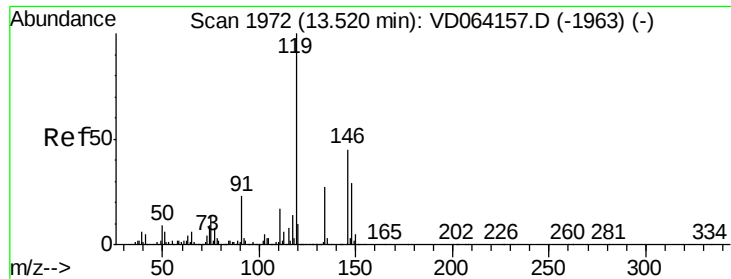
Tgt Ion:105 Resp: 414991
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 19.236 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

Tgt Ion:119 Resp: 385302
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 22.4 11.5 34.4

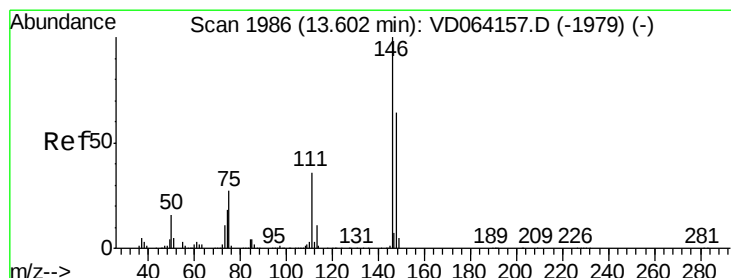
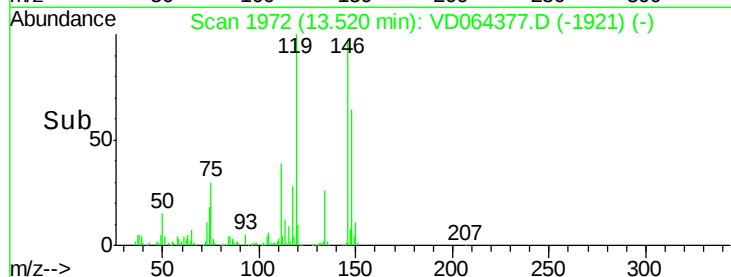
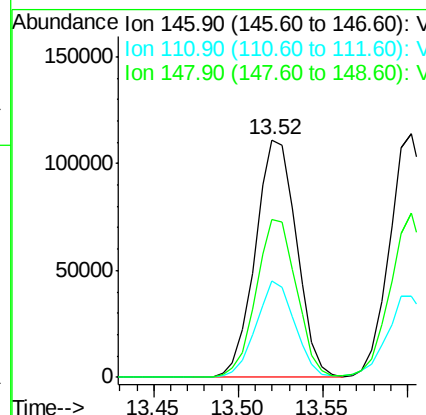
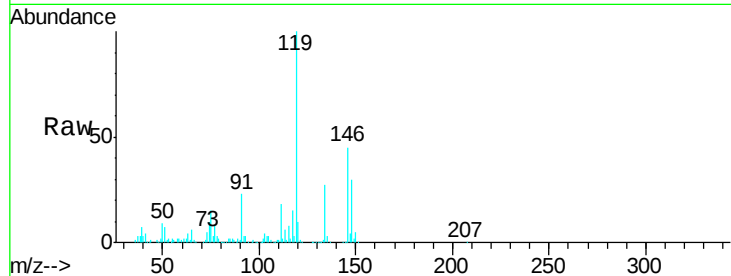




#87
 1,3-Dichlorobenzene
 Concen: 19.345 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

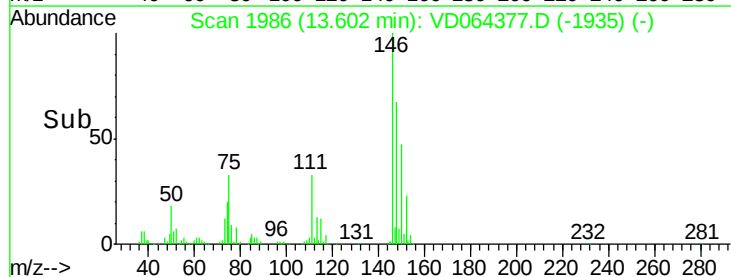
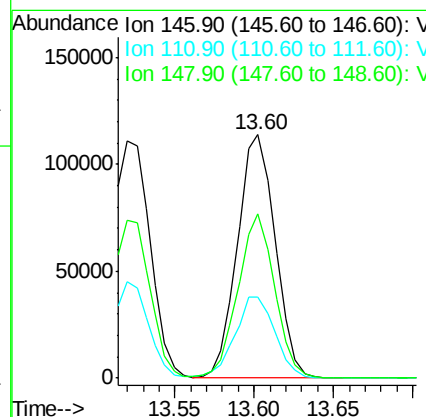
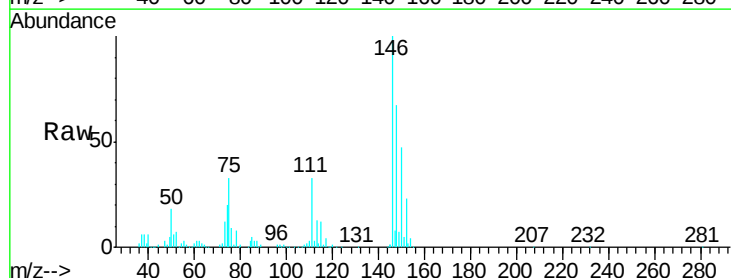
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	65.2	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.808 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.4
148	65.4	31.9	95.7

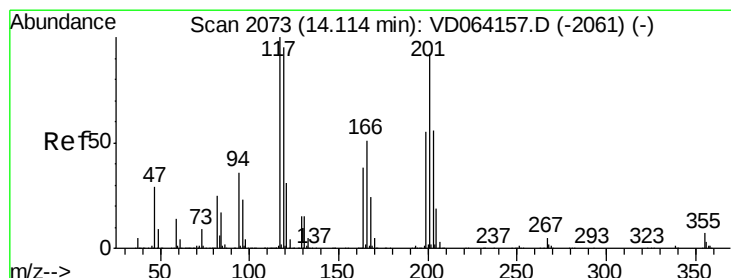
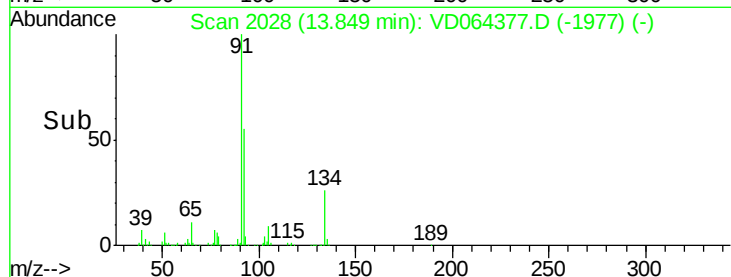
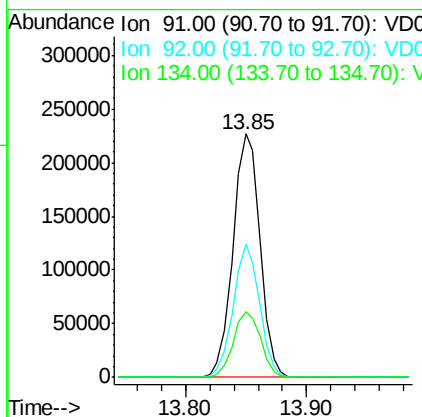
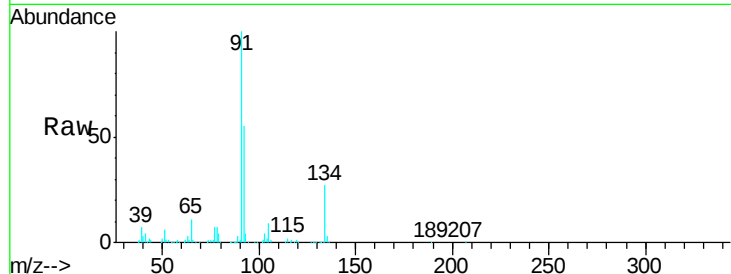




#89
n-Butylbenzene
Concen: 19.478 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

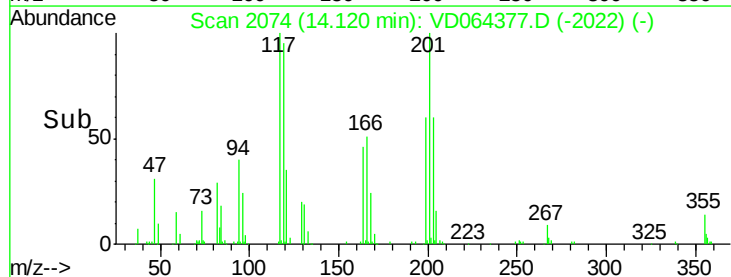
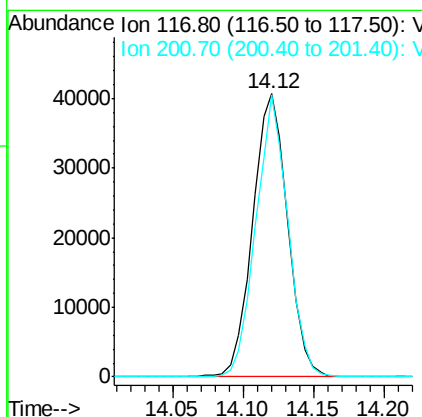
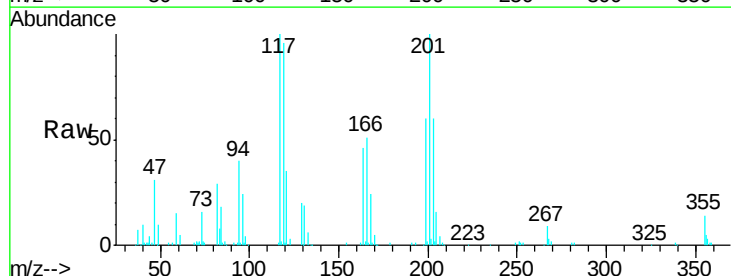
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

Tgt Ion: 91 Resp: 352495
Ion Ratio Lower Upper
91 100
92 53.4 27.3 81.8
134 27.5 14.1 42.4



#90
Hexachloroethane
Concen: 19.026 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion: 117 Resp: 70431
Ion Ratio Lower Upper
117 100
201 91.6 45.8 137.4

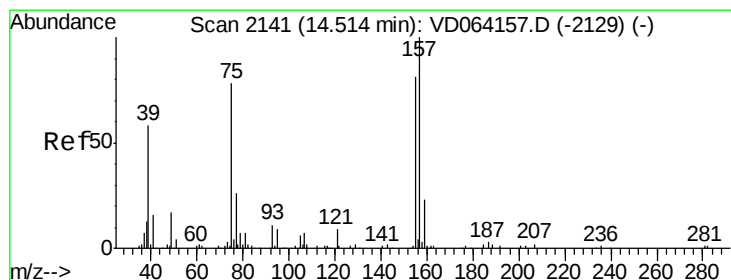
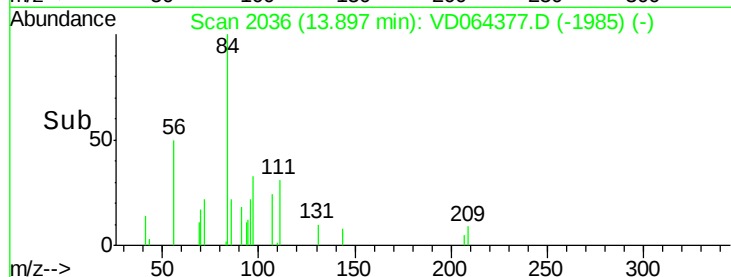
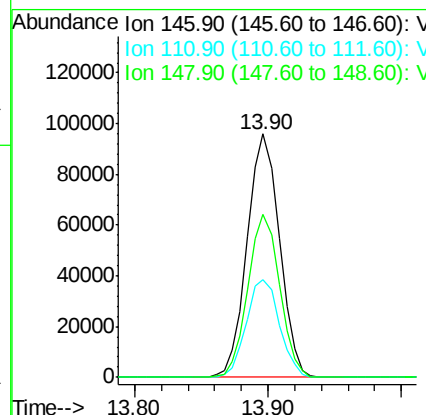
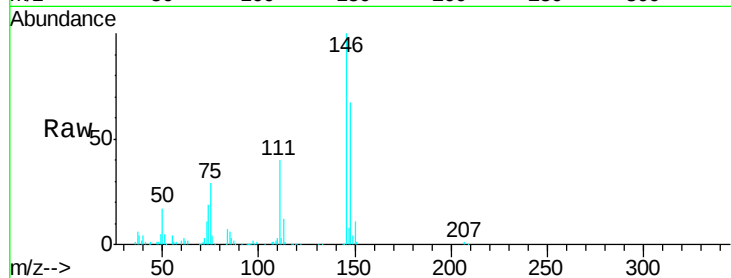




#91
 1,2-Dichlorobenzene
 Concen: 19.466 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

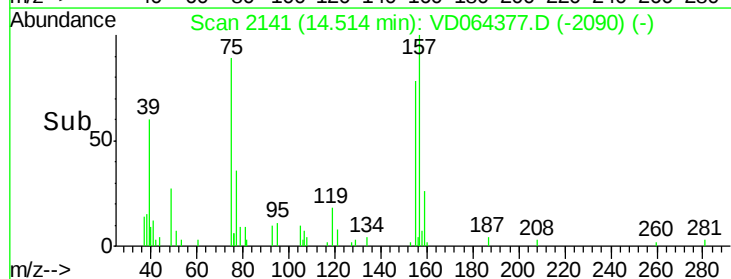
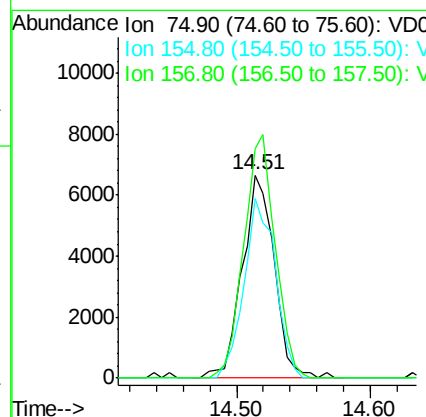
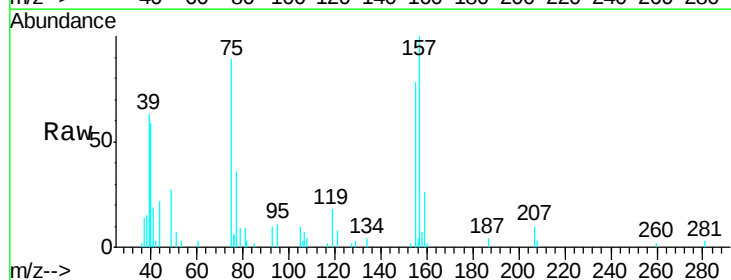
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

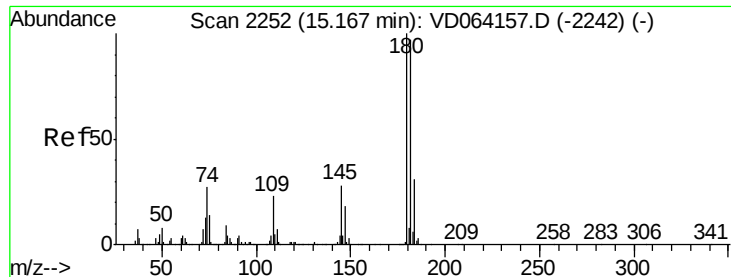
Tgt Ion: 146 Resp: 160873
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.7 59.0
 148 65.4 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.855 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

Tgt Ion: 75 Resp: 10998
 Ion Ratio Lower Upper
 75 100
 155 86.6 48.0 144.0
 157 117.8 61.5 184.4

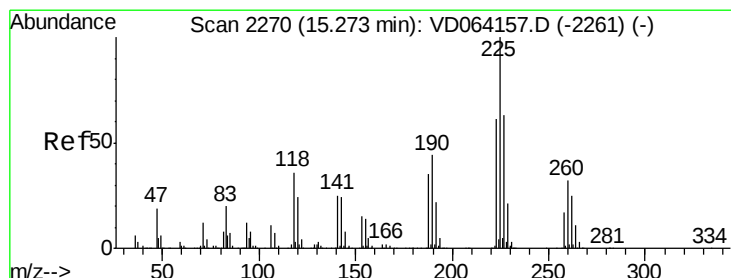
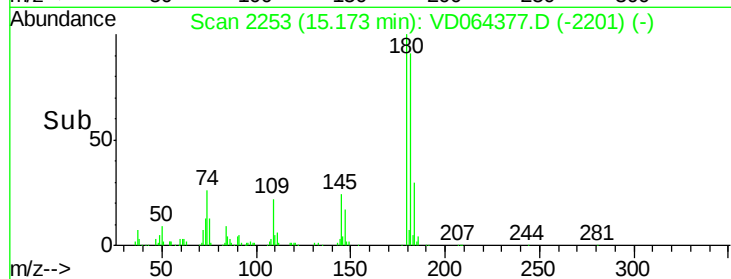
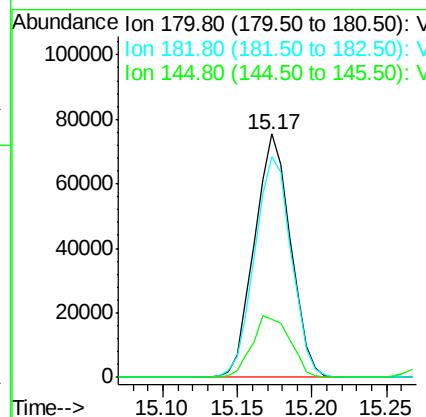
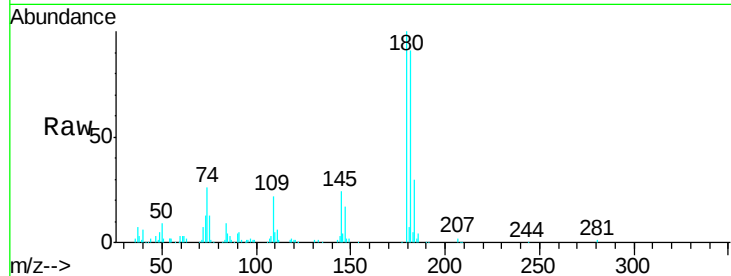




#93
 1,2,4-Trichlorobenzene
 Concen: 19.745 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

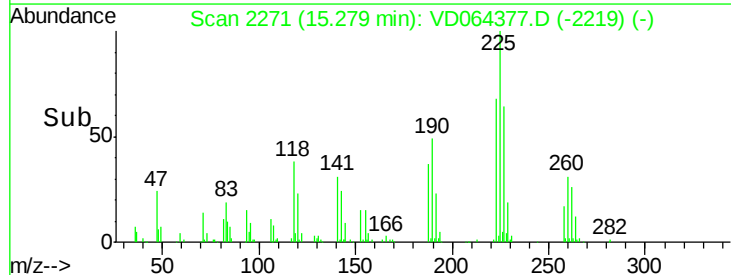
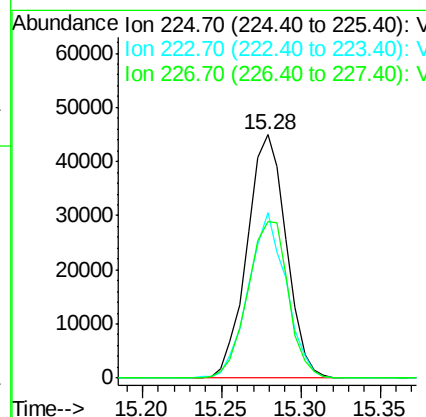
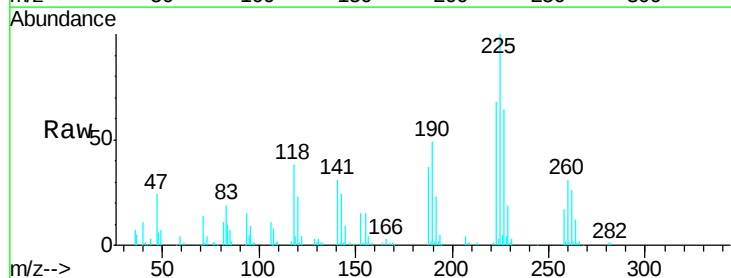
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

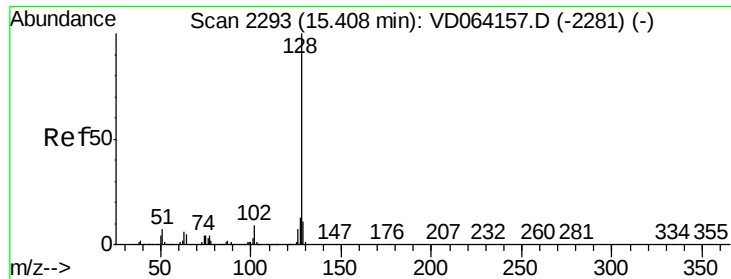
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.5	142.5
145	26.5	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 18.793 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD064377.D
 Acq: 26 Nov 2019 11:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	31.1	93.3
227	66.5	31.5	94.5

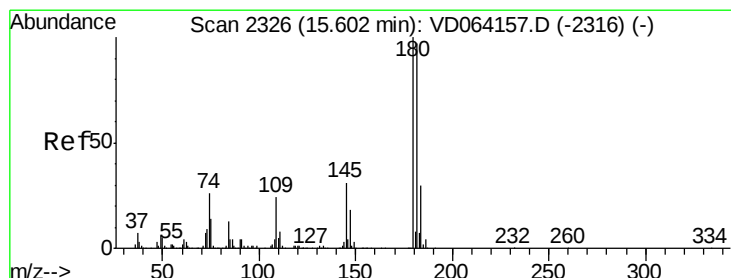
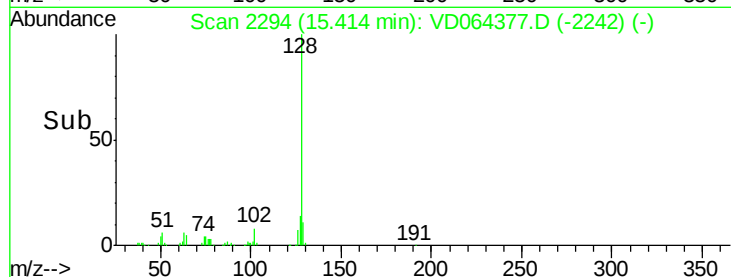
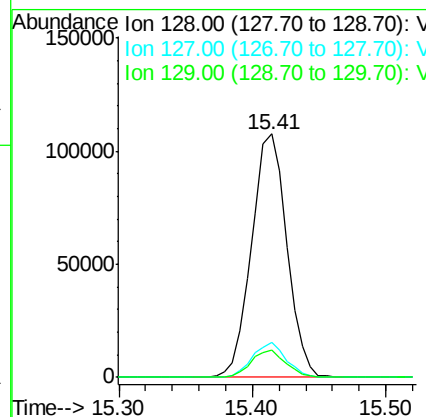
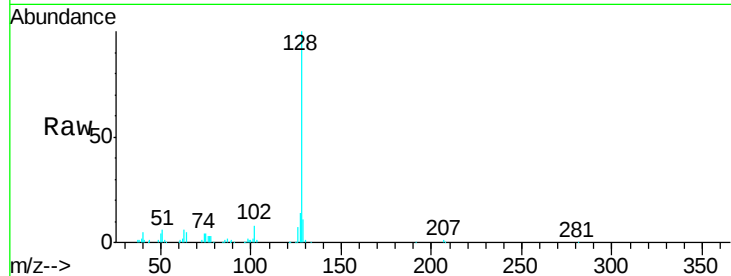




#95
Naphthalene
Concen: 18.769 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.037 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.01 min
Lab File: VD064377.D
Acq: 26 Nov 2019 11:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.3	144.9
145	30.6	15.3	45.8

