

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112019\NOT REVIEWED DATA\
 Data File : VD064308.D
 Acq On : 20 Nov 2019 12:41
 Operator : VA/SY
 Sample : VD1120SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBS01

Quant Time: Nov 20 13:16:05 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	580154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	831453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	730170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	355150	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	228050	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
35) Dibromofluoromethane	7.92	113	236092	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	10.34	98	880789	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.64	95	286205	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	89456	18.592	ug/l 96
3) Chloromethane	2.21	50	111206	21.547	ug/l 99
4) Vinyl Chloride	2.35	62	128961	23.366	ug/l 100
5) Bromomethane	2.76	94	95169	27.308	ug/l 97
6) Chloroethane	2.92	64	92620	26.263	ug/l 100
7) Trichlorofluoromethane	3.27	101	230134	25.719	ug/l 99
8) Diethyl Ether	3.70	74	51411	20.896	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	105593	20.646	ug/l 98
10) Methyl Iodide	4.29	142	103462	19.033	ug/l 99
11) Tert butyl alcohol	5.26	59	31574	94.742	ug/l 95
12) 1,1-Dichloroethene	4.06	96	98057	20.115	ug/l 94
13) Acrolein	3.93	56	20548	72.883	ug/l 97
14) Allyl chloride	4.71	41	158665	18.408	ug/l 93
15) Acrylonitrile	5.43	53	114722	109.375	ug/l 98
16) Acetone	4.17	43	96102	85.019	ug/l 95
17) Carbon Disulfide	4.40	76	289273	19.054	ug/l 97
18) Methyl Acetate	4.73	43	63571	20.136	ug/l 98
19) Methyl tert-butyl Ether	5.49	73	233372	20.053	ug/l 91
20) Methylene Chloride	4.96	84	117674	20.609	ug/l 90
21) trans-1,2-Dichloroethene	5.47	96	111286	20.149	ug/l 95
22) Diisopropyl ether	6.37	45	311426	19.473	ug/l 99
23) Vinyl Acetate	6.31	43	912790	102.393	ug/l 98
24) 1,1-Dichloroethane	6.26	63	187426	20.184	ug/l 97
25) 2-Butanone	7.23	43	139728	95.681	ug/l 93
26) 2,2-Dichloropropane	7.20	77	169942	18.662	ug/l 98
27) cis-1,2-Dichloroethene	7.21	96	124733	21.059	ug/l 94
28) Bromochloromethane	7.55	49	54662	16.909	ug/l 97
29) Tetrahydrofuran	7.57	42	89373	101.860	ug/l 96
30) Chloroform	7.71	83	203098	21.383	ug/l 97
31) Cyclohexane	7.99	56	178245	19.034	ug/l 98
32) 1,1,1-Trichloroethane	7.91	97	182255	20.039	ug/l 99
36) 1,1-Dichloropropene	8.11	75	152221	19.837	ug/l 99
37) Ethyl Acetate	7.30	43	65276	20.178	ug/l 97
38) Carbon Tetrachloride	8.10	117	165769	20.189	ug/l 98

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 ClientSampleID :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	186983	19.257	ug/l	95
40) Benzene	8.35	78	422843	20.162	ug/l	97
41) Methacrylonitrile	7.53	41	40670	20.002	ug/l	93
42) 1,2-Dichloroethane	8.43	62	128030	20.326	ug/l	97
43) Isopropyl Acetate	8.46	43	129279	19.395	ug/l	99
44) Trichloroethene	9.11	130	131190	20.842	ug/l	98
45) 1,2-Dichloropropane	9.39	63	104592	20.490	ug/l	97
46) Dibromomethane	9.48	93	56904	20.823	ug/l	99
47) Bromodichloromethane	9.67	83	151566	20.590	ug/l	100
48) Methyl methacrylate	9.46	41	59702	18.318	ug/l	89
49) 1,4-Dioxane	9.47	88	14362	437.595	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	319781	100.045	ug/l	98
52) Toluene	10.41	92	281039	20.379	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	145113	19.678	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	170878	19.857	ug/l	94
55) 1,1,2-Trichloroethane	10.81	97	81807	22.067	ug/l	97
56) Ethyl methacrylate	10.67	69	102543	19.774	ug/l	96
57) 1,3-Dichloropropane	10.95	76	136602	21.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	220989	105.200	ug/l	100
59) 2-Hexanone	10.99	43	219712	96.618	ug/l	96
60) Dibromochloromethane	11.14	129	107455	20.773	ug/l	100
61) 1,2-Dibromoethane	11.26	107	78507	21.143	ug/l	99
64) Tetrachloroethene	10.88	164	111482	19.852	ug/l	98
65) Chlorobenzene	11.67	112	302515	20.374	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	111758	19.795	ug/l	97
67) Ethyl Benzene	11.75	91	535278	19.930	ug/l	98
68) m/p-Xylenes	11.86	106	412150	40.036	ug/l	97
69) o-Xylene	12.18	106	192808	20.194	ug/l	96
70) Styrene	12.20	104	327516	19.652	ug/l	99
71) Bromoform	12.37	173	67125	20.891	ug/l #	98
73) Isopropylbenzene	12.48	105	527315	20.228	ug/l	100
74) N-amyl acetate	12.30	43	115782	18.808	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	84427	21.494	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	114615	40.066	ug/l #	100
77) Bromobenzene	12.77	156	128265	20.253	ug/l	99
78) n-propylbenzene	12.83	91	592776	19.903	ug/l	98
79) 2-Chlorotoluene	12.91	91	328171	19.517	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	418921	19.557	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	27207	18.892	ug/l	99
82) 4-Chlorotoluene	13.01	91	342339	19.520	ug/l	98
83) tert-Butylbenzene	13.23	119	375439	19.877	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	417045	19.721	ug/l	100
85) sec-Butylbenzene	13.41	105	508542	20.047	ug/l	99
86) p-Isopropyltoluene	13.53	119	472420	19.589	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	240810	20.484	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	234753	20.460	ug/l	97
89) n-Butylbenzene	13.86	91	426654	19.582	ug/l	100
90) Hexachloroethane	14.12	117	87447	19.620	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	209215	21.026	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	14496	20.641	ug/l	99

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Sample : VD1120SBSD01
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Instrument :
MSVOA_D
ClientSampleId :
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Quant Title : SW846 8260
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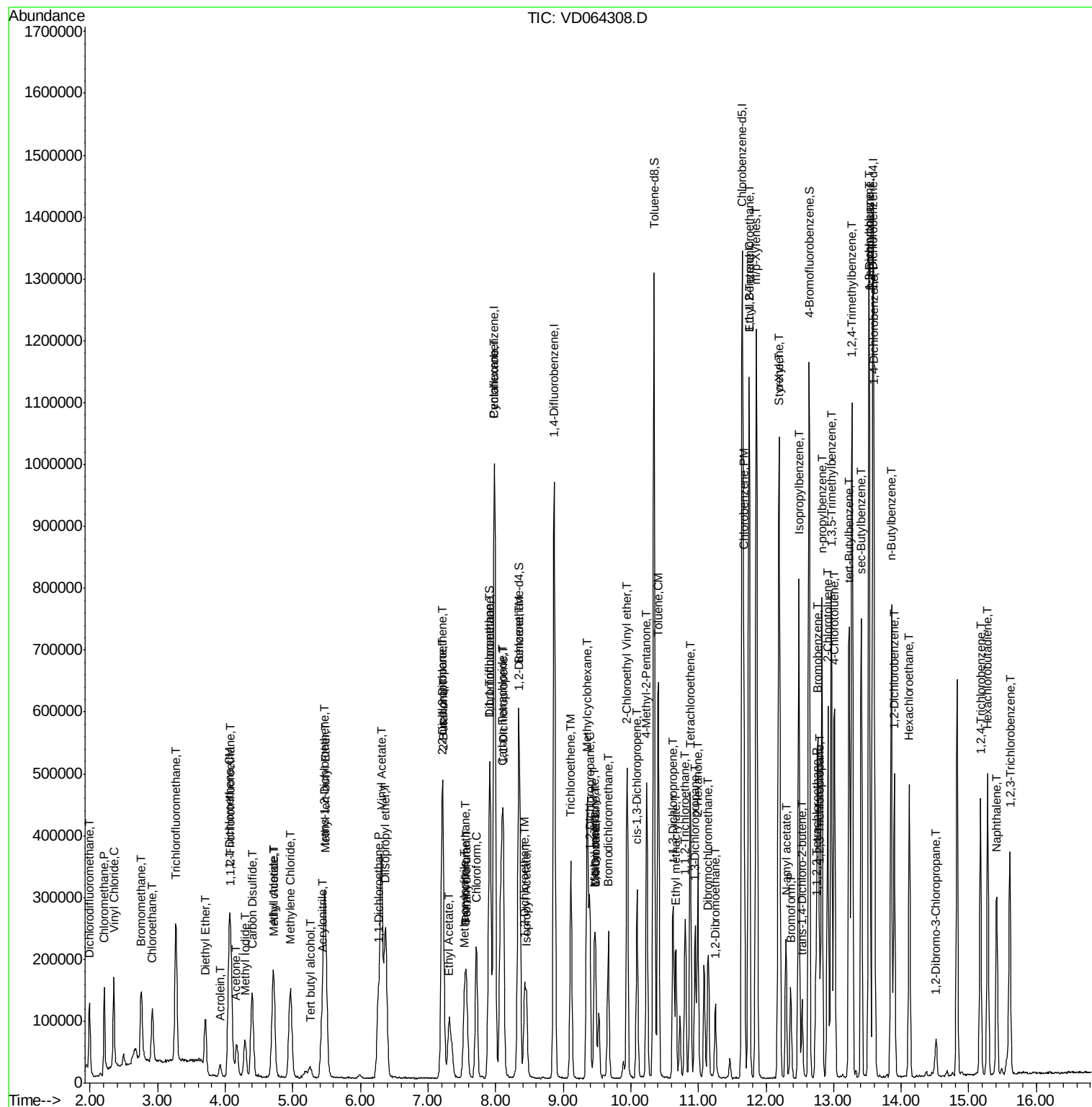
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	150822	19.649	ug/l	96
94) Hexachlorobutadiene	15.28	225	101190	20.410	ug/l	100
95) Naphthalene	15.41	128	264900	21.053	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	134404	20.599	ug/l	99

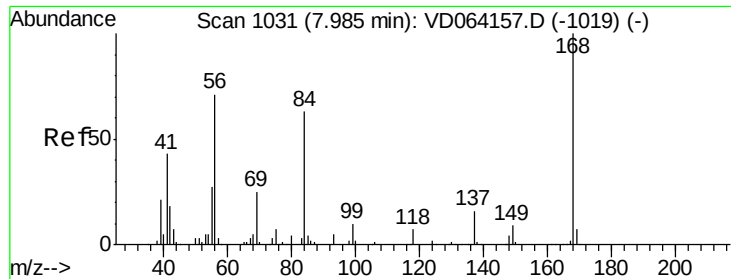
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD064308.D
Acq On : 20 Nov 2019 12:41
Operator : VA/SY
Sample : VD1120SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
Client Sample Id :
VD1120SBSD01

Quant Time: Nov 20 13:16:05 2019
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

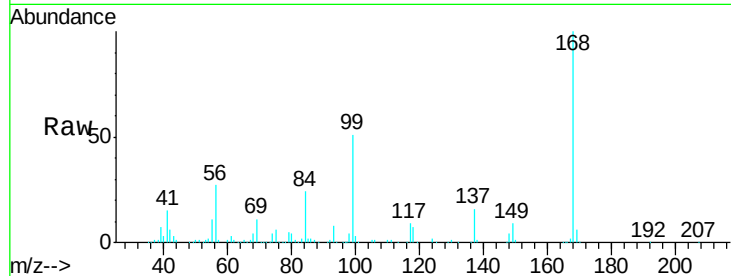
VD1120SBSD01

Tgt Ion:168 Resp: 580154

Ion Ratio Lower Upper

168 100

99 51.2 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

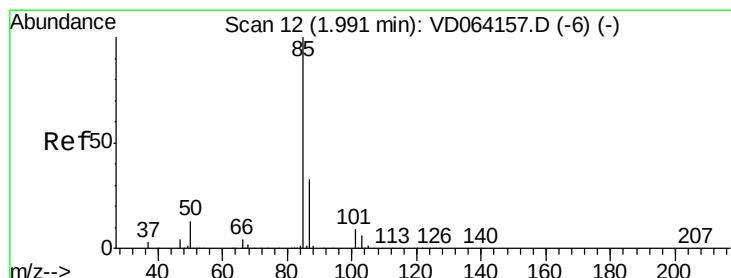
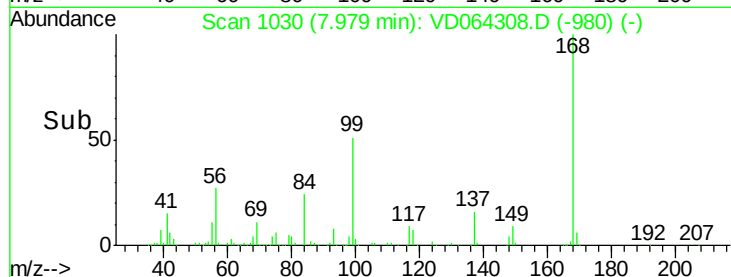
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.592 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064308.D

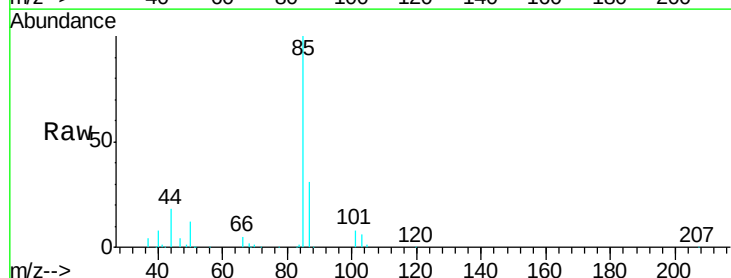
Acq: 20 Nov 2019 12:41

Tgt Ion: 85 Resp: 89456

Ion Ratio Lower Upper

85 100

87 30.6 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

40000

20000

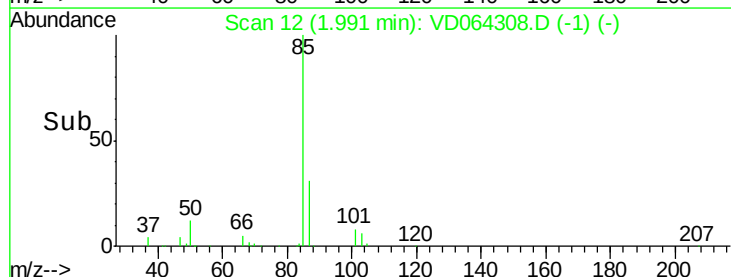
0

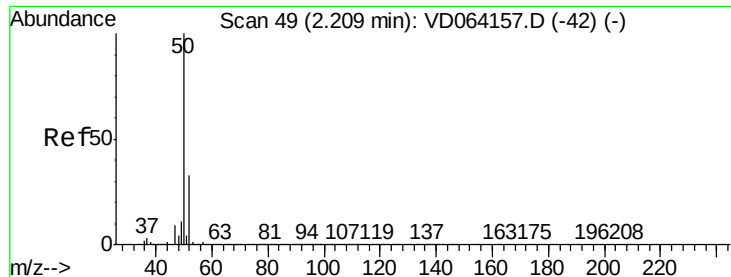
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 21.547 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

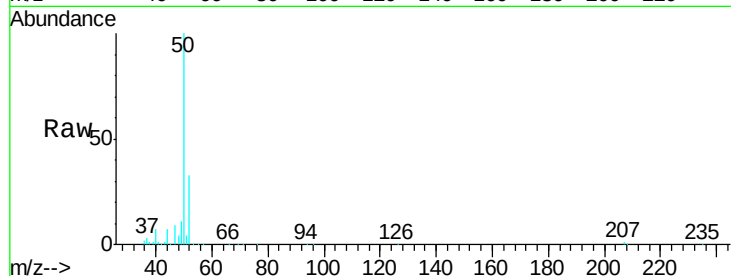
VD1120SBSD01

Tgt Ion: 50 Resp: 111206

Ion Ratio Lower Upper

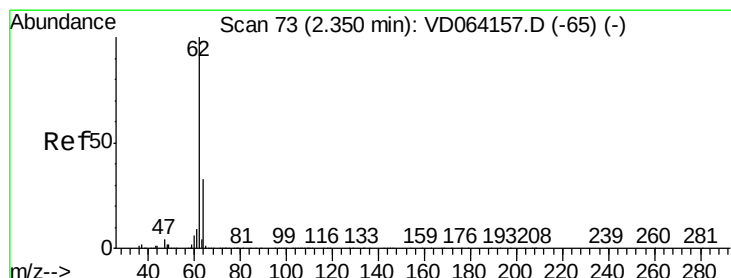
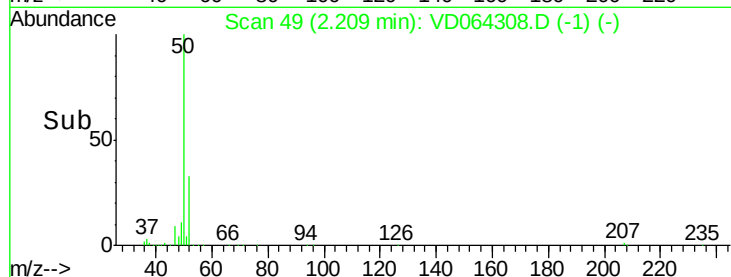
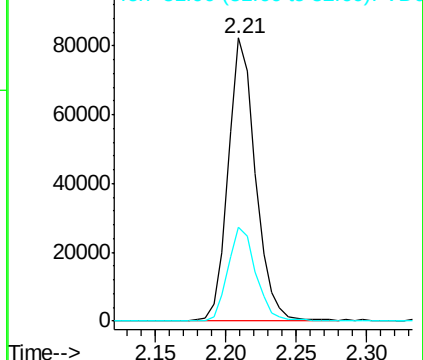
50 100

52 33.1 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: 23.366 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064308.D

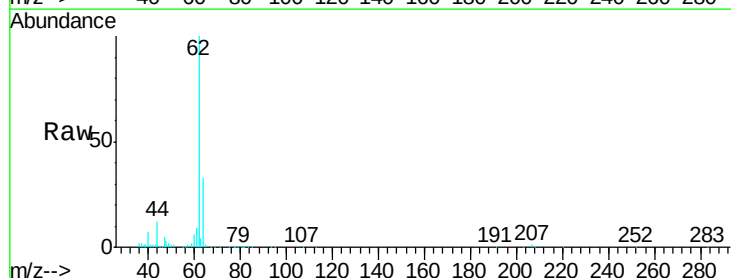
Acq: 20 Nov 2019 12:41

Tgt Ion: 62 Resp: 128961

Ion Ratio Lower Upper

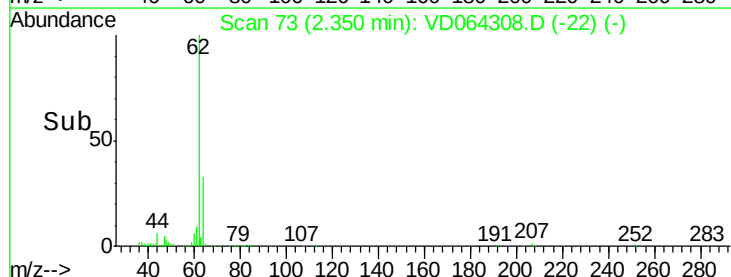
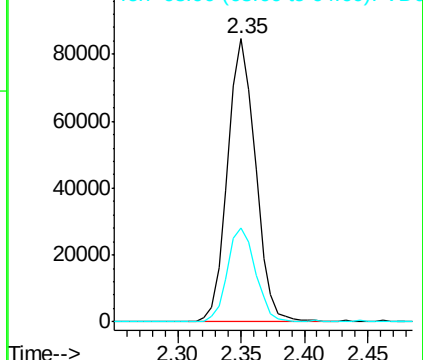
62 100

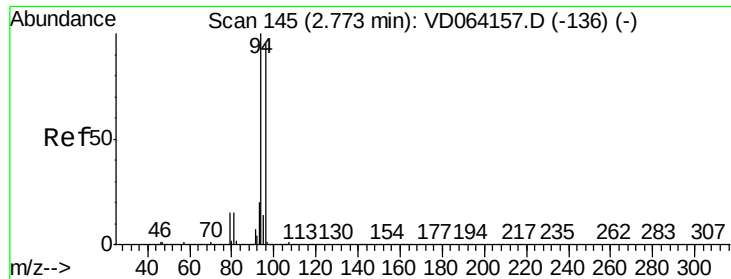
64 33.0 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 27.308 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

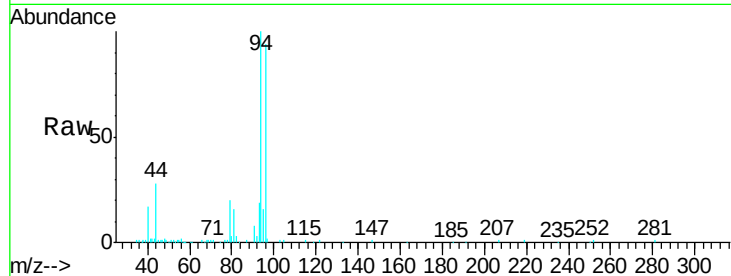
VD1120SBS01

Tgt Ion: 94 Resp: 95169

Ion Ratio Lower Upper

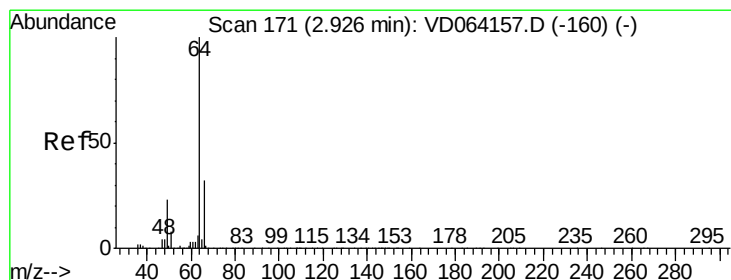
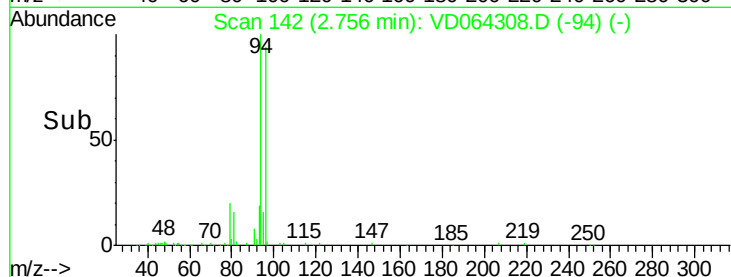
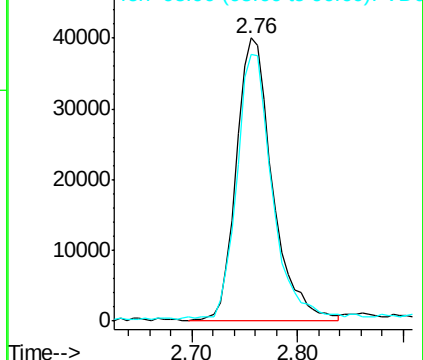
94 100

96 92.9 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 26.263 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD064308.D

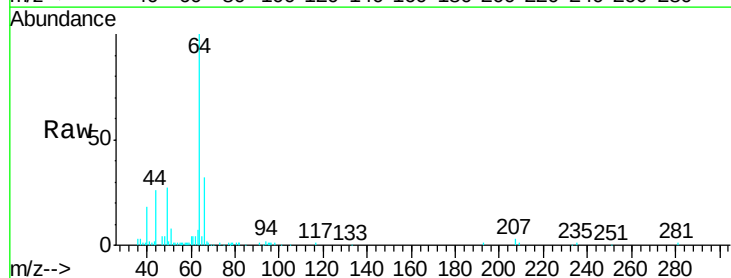
Acq: 20 Nov 2019 12:41

Tgt Ion: 64 Resp: 92620

Ion Ratio Lower Upper

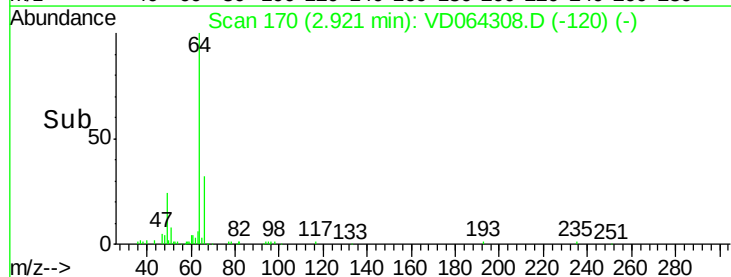
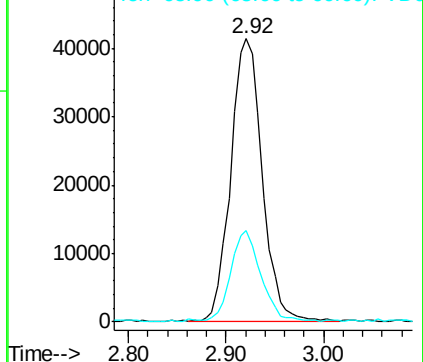
64 100

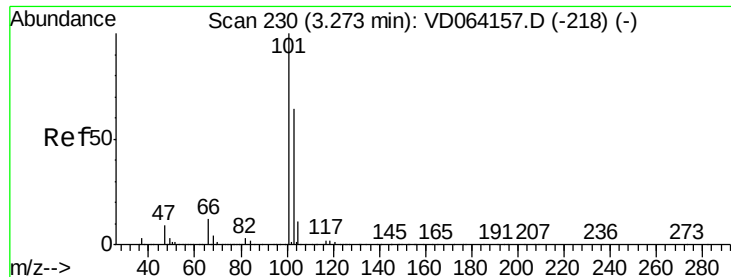
66 31.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



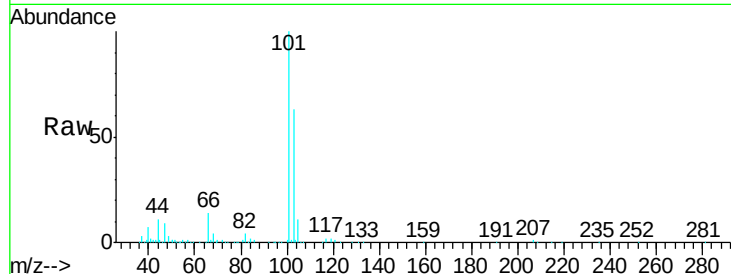


#7

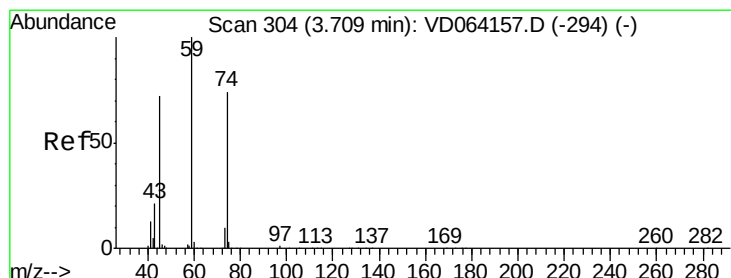
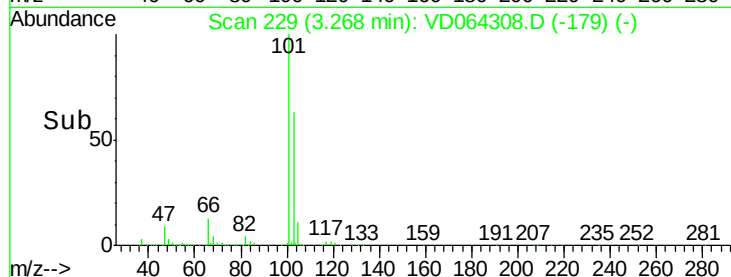
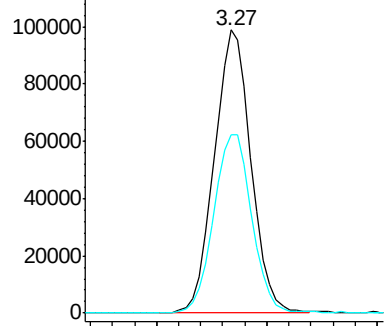
Trichlorofluoromethane
Concen: 25.719 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Instrument :
MSVOA_D
ClientSampleId :
VD1120SBSD01

Tgt Ion: 101 Resp: 230134
Ion Ratio Lower Upper
101 100
103 62.9 50.8 76.2



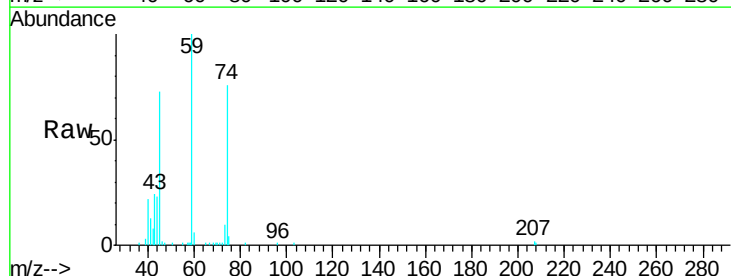
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



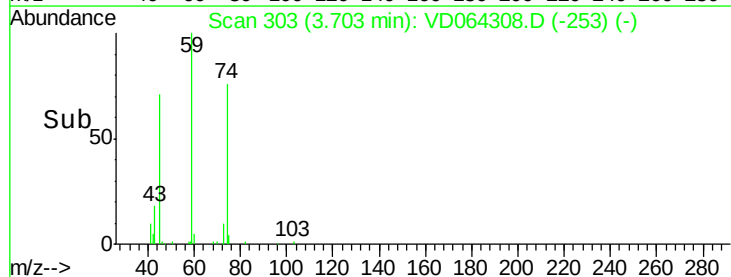
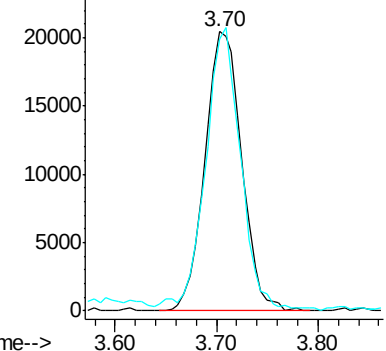
#8

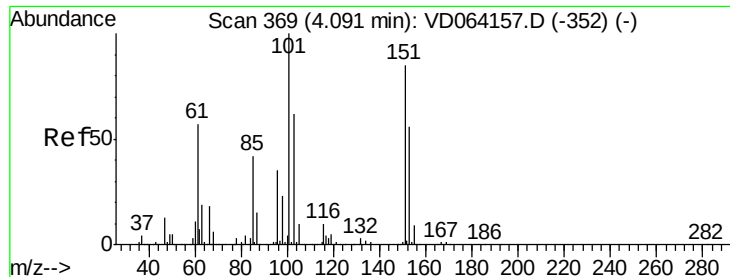
Diethyl Ether
Concen: 20.896 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion: 74 Resp: 51411
Ion Ratio Lower Upper
74 100
45 97.7 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.646 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD1120SBS01

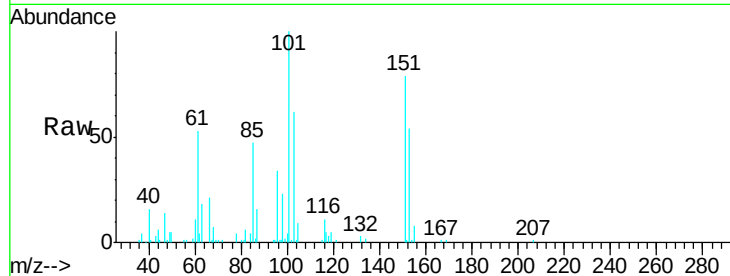
Tgt Ion:101 Resp: 105593

Ion Ratio Lower Upper

101 100

85 44.8 34.4 51.6

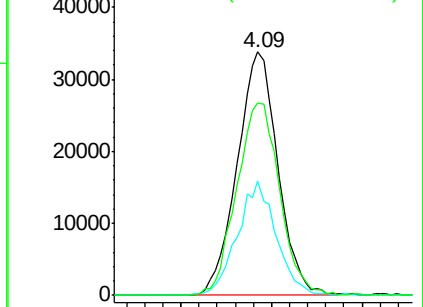
151 83.3 68.1 102.1



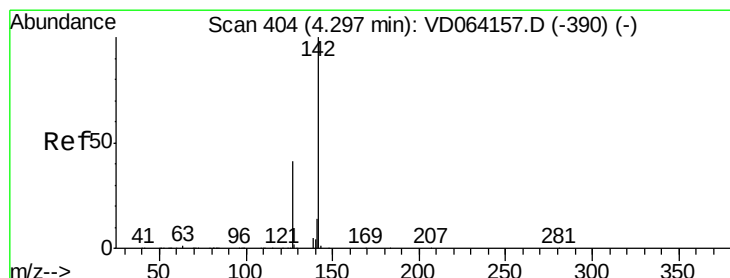
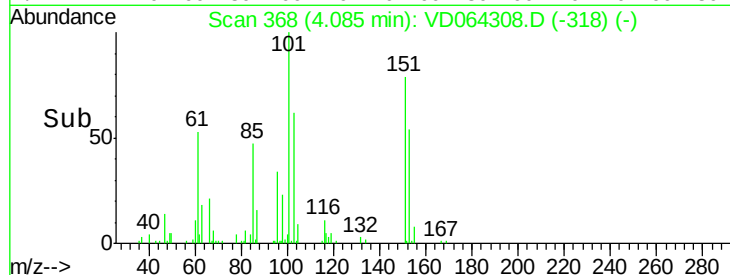
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 19.033 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

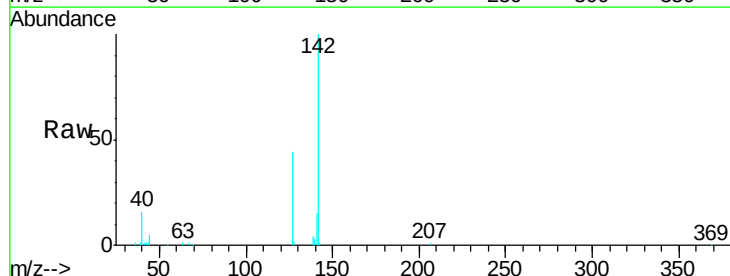
Tgt Ion:142 Resp: 103462

Ion Ratio Lower Upper

142 100

127 43.2 34.4 51.6

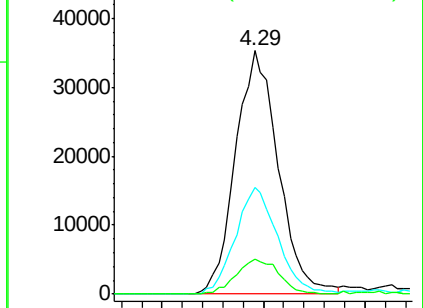
141 14.4 11.2 16.8



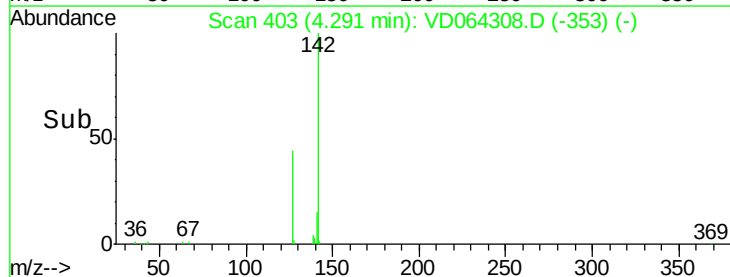
Abundance Ion 141.80 (141.50 to 142.50): V

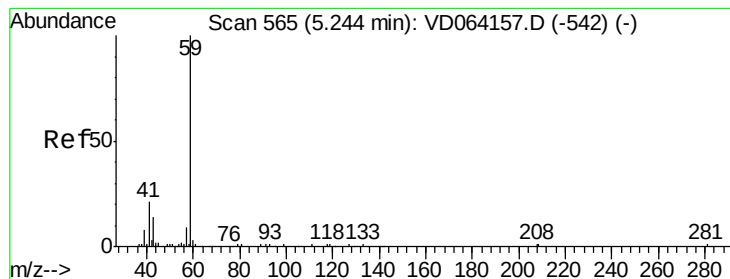
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



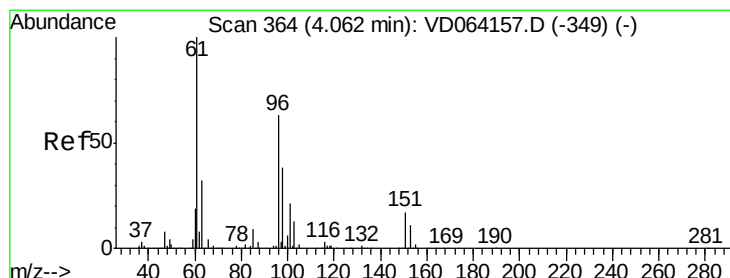
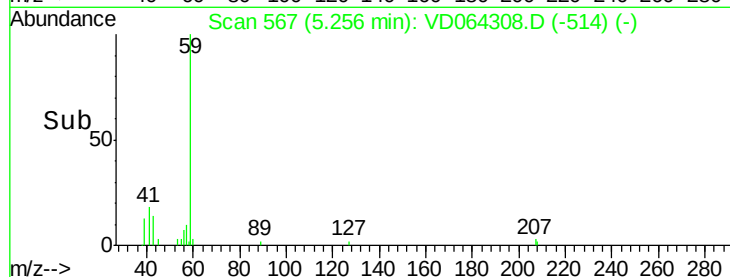
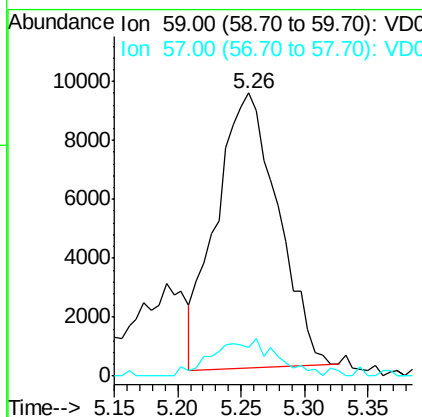
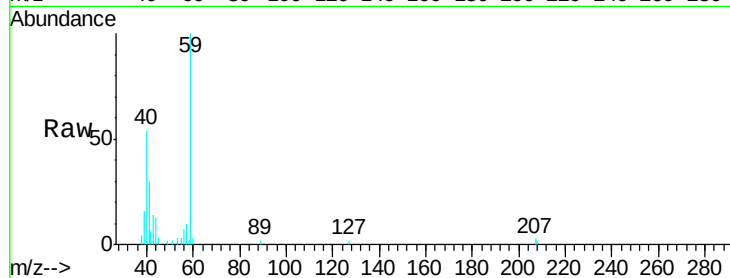


#11

Tert butyl alcohol
 Concen: 94.742 ug/l
 RT: 5.26 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBSD01

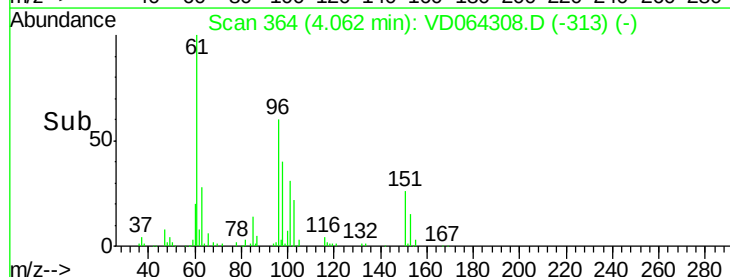
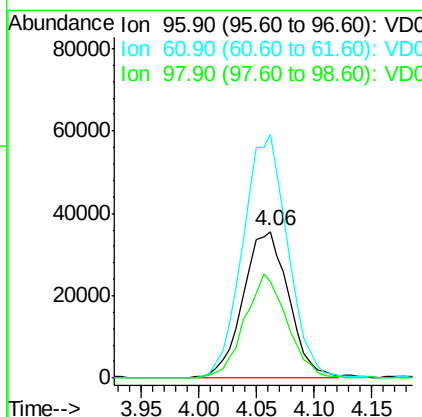
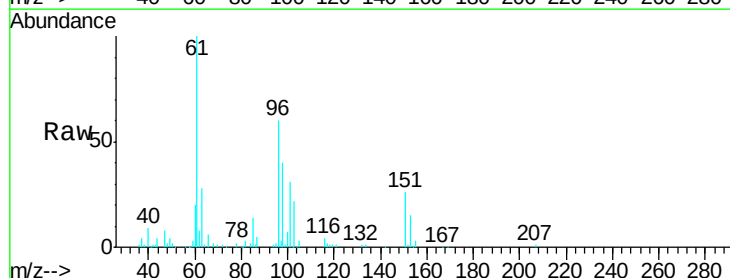
Tgt Ion: 59 Resp: 31574
 Ion Ratio Lower Upper
 59 100
 57 13.6 9.4 14.2

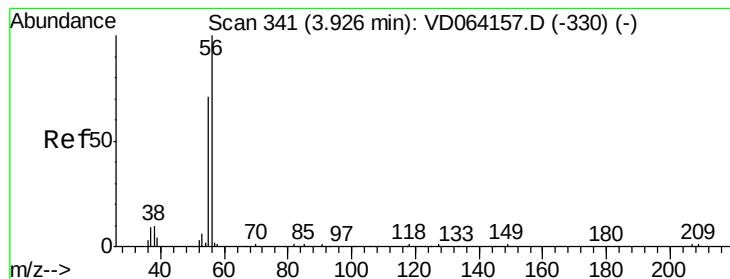


#12

1,1-Dichloroethene
 Concen: 20.115 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion: 96 Resp: 98057
 Ion Ratio Lower Upper
 96 100
 61 165.9 127.4 191.2
 98 65.6 48.1 72.1





#13

Acrolein

Concen: 72.883 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

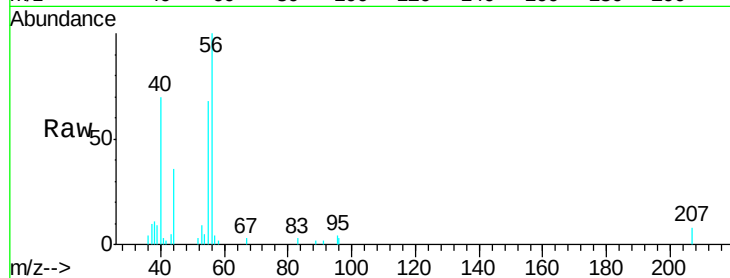
VD1120SBSD01

Tgt Ion: 56 Resp: 20548

Ion Ratio Lower Upper

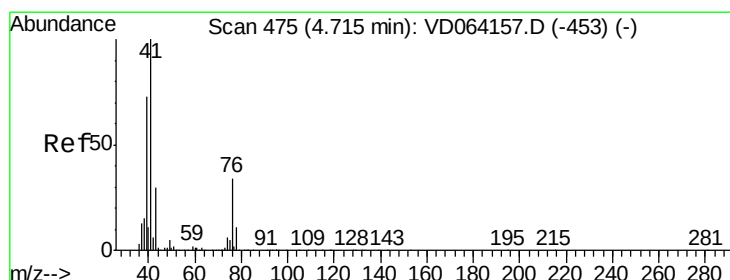
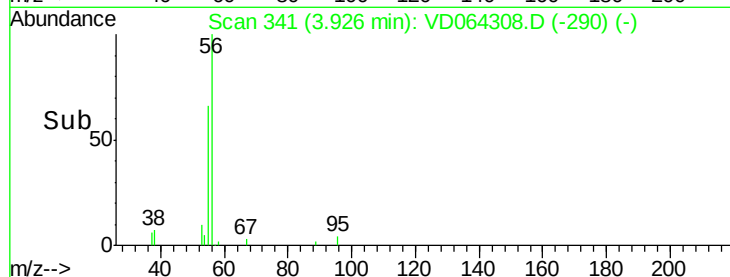
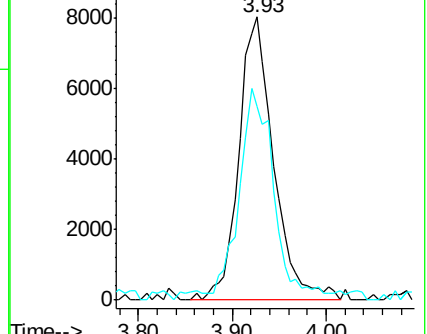
56 100

55 67.7 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.408 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

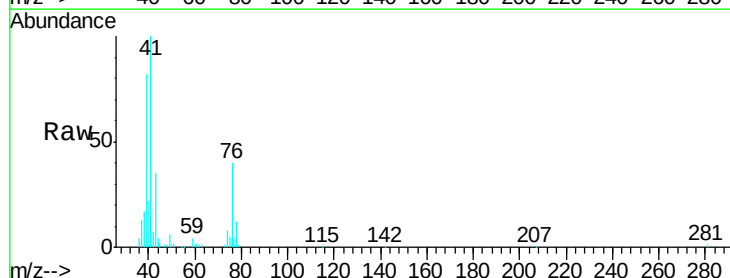
Tgt Ion: 41 Resp: 158665

Ion Ratio Lower Upper

41 100

39 77.1 57.5 86.3

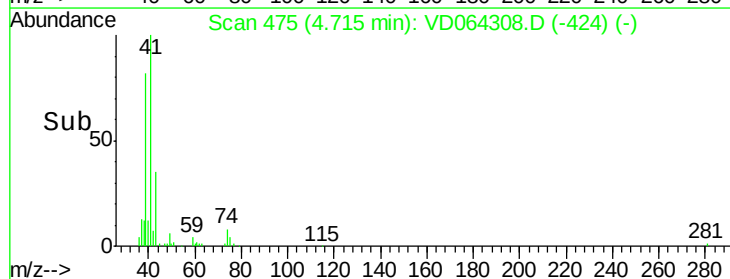
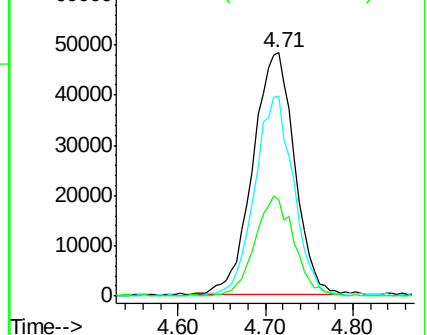
76 38.6 26.8 40.2

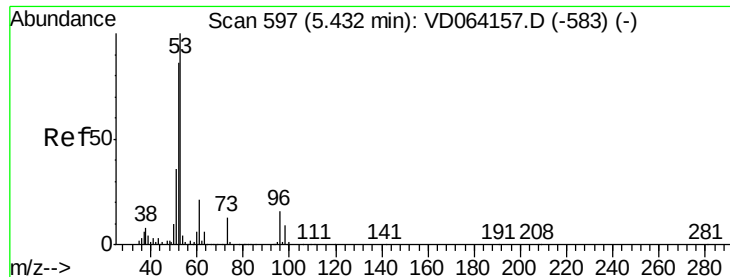


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 109.375 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD1120SBS01

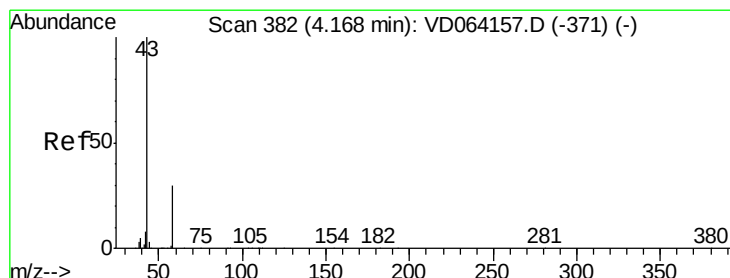
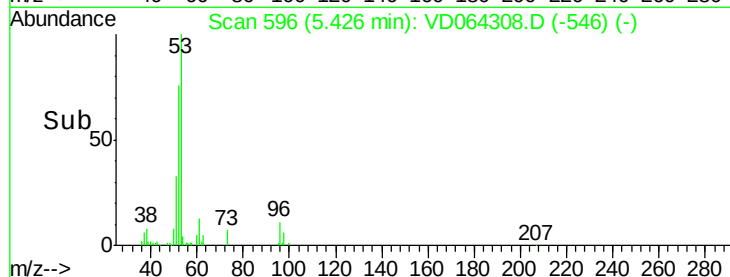
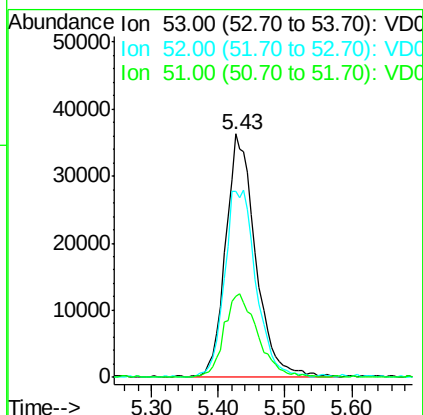
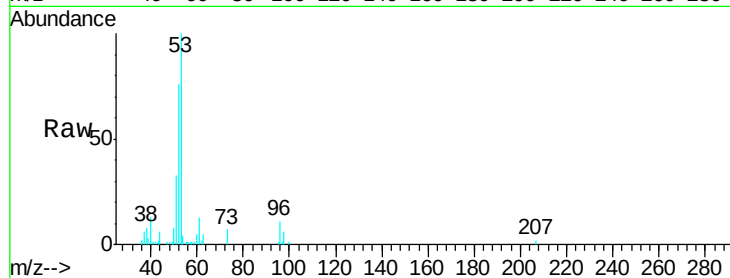
Tgt Ion: 53 Resp: 114722

Ion Ratio Lower Upper

53 100

52 80.8 66.7 100.1

51 38.2 30.6 46.0



#16

Acetone

Concen: 85.019 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064308.D

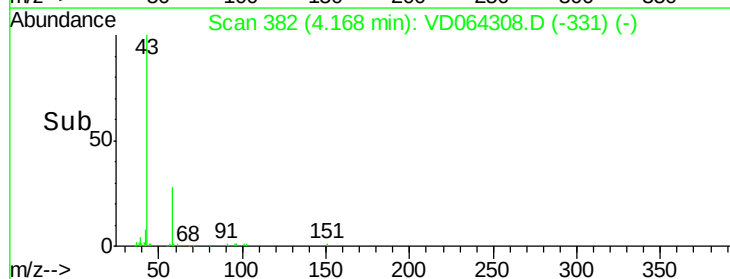
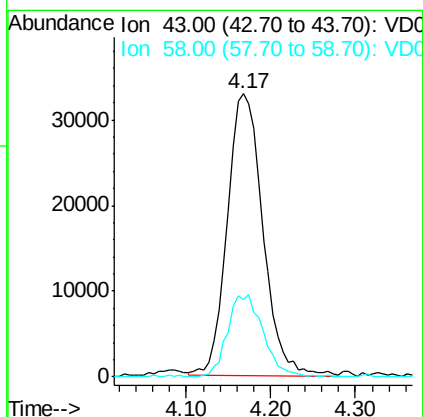
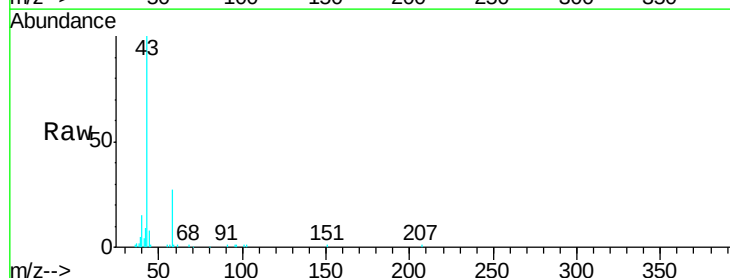
Acq: 20 Nov 2019 12:41

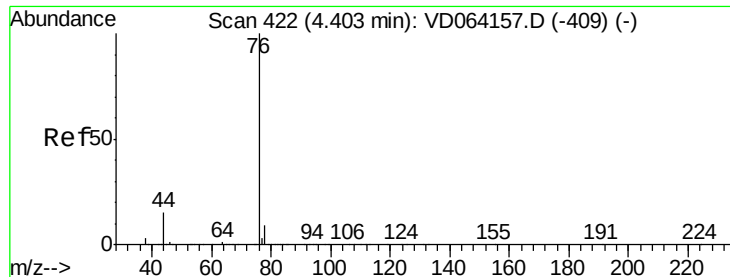
Tgt Ion: 43 Resp: 96102

Ion Ratio Lower Upper

43 100

58 27.6 24.1 36.1

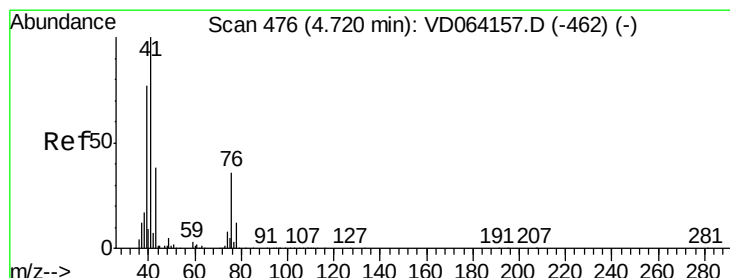
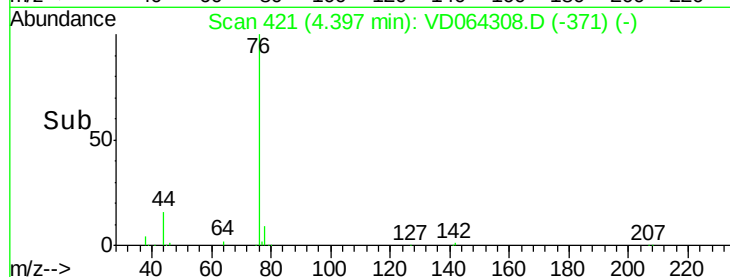
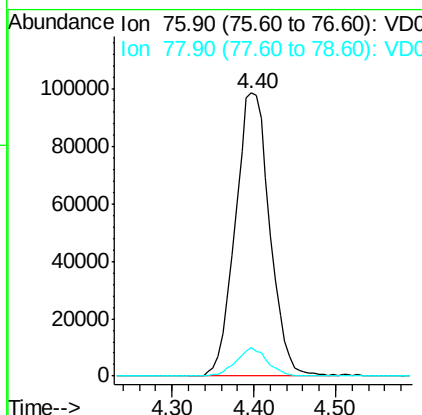
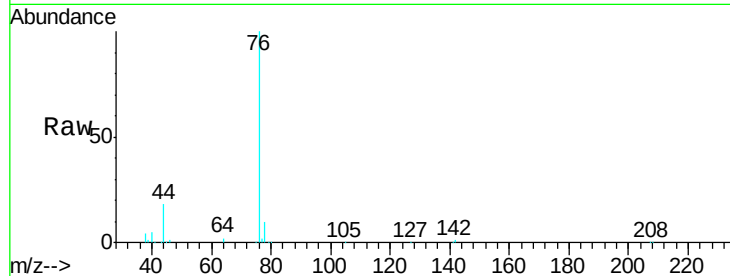




#17
Carbon Disulfide
Concen: 19.054 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

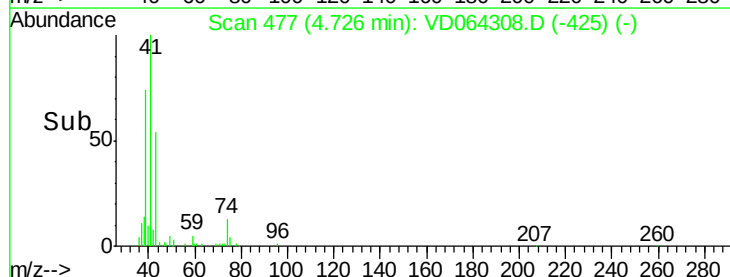
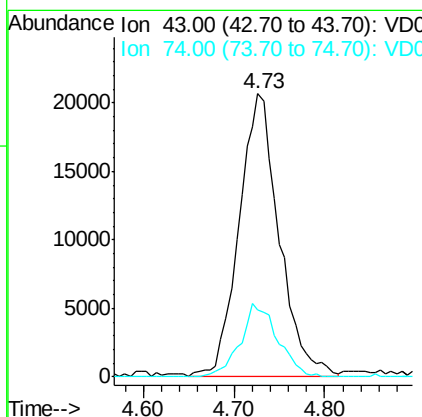
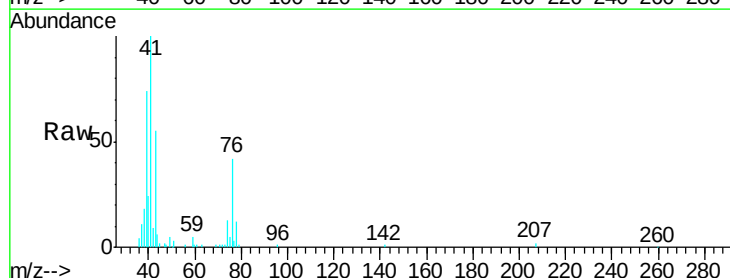
Instrument :
MSVOA_D
ClientSampleId :
VD1120SBSD01

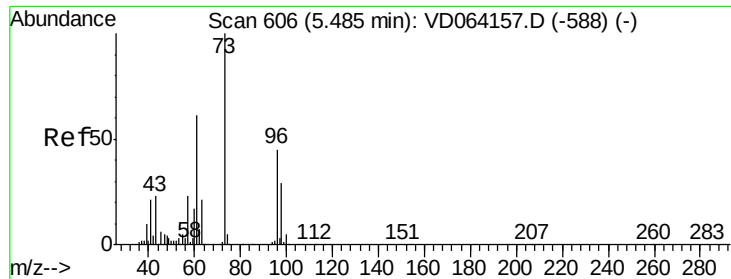
Tgt Ion: 76 Resp: 289273
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 20.136 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion: 43 Resp: 63571
Ion Ratio Lower Upper
43 100
74 24.1 18.4 27.6

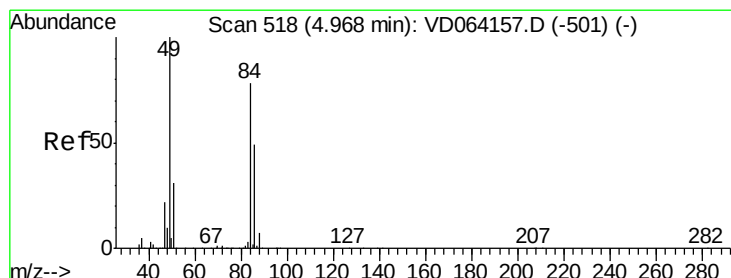
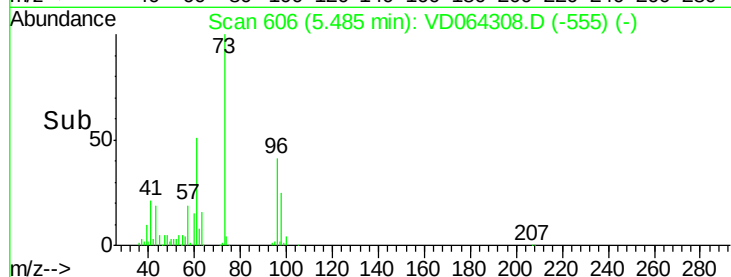
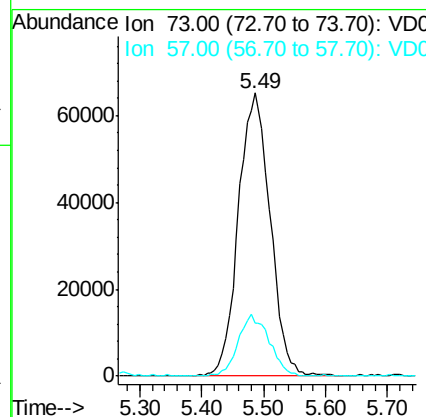
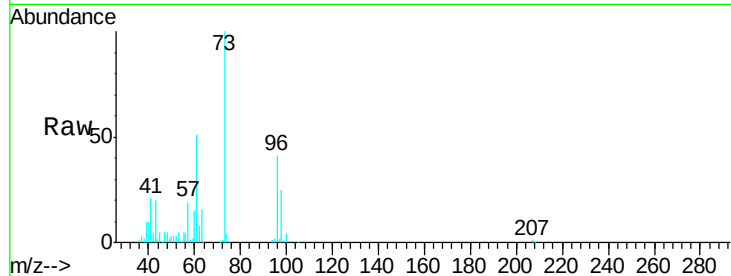




#19
Methyl tert-butyl Ether
Concen: 20.053 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

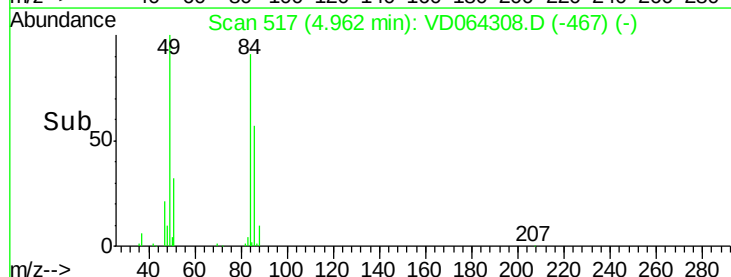
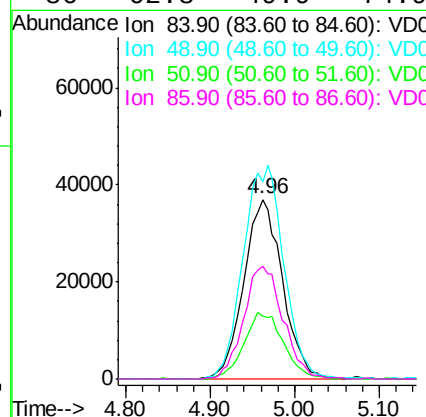
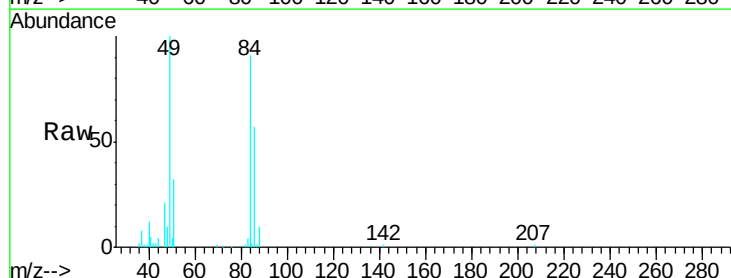
Instrument :
MSVOA_D
ClientSampleId :
VD1120SBSD01

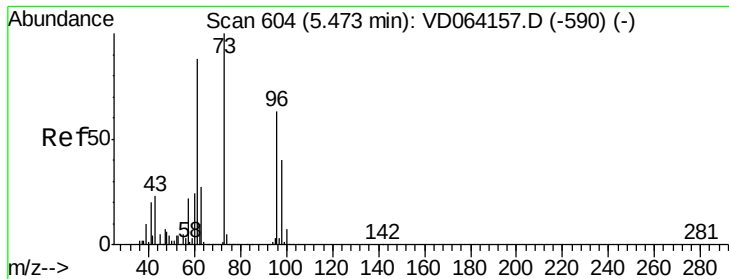
Tgt Ion: 73 Resp: 233372
Ion Ratio Lower Upper
73 100
57 18.7 18.4 27.6



#20
Methylene Chloride
Concen: 20.609 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion: 84 Resp: 117674
Ion Ratio Lower Upper
84 100
49 110.0 102.1 153.1
51 34.9 32.2 48.2
86 62.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.149 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD1120SBSD01

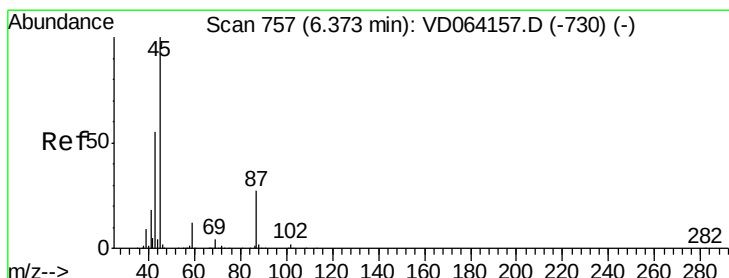
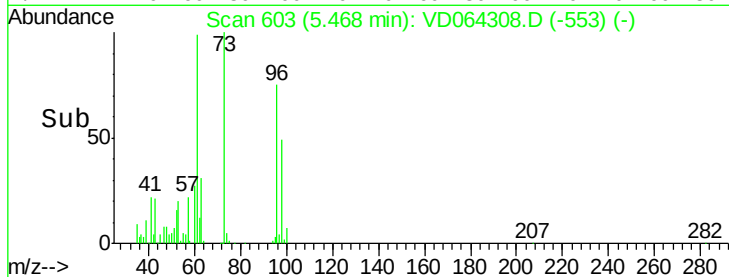
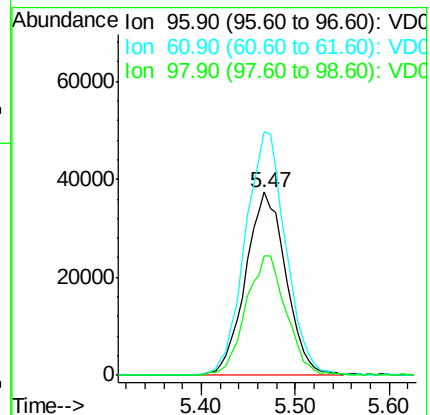
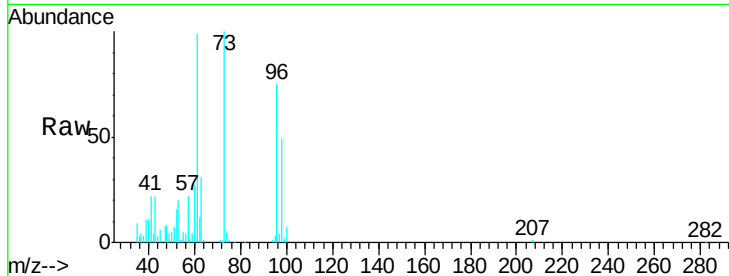
Tgt Ion: 96 Resp: 111286

Ion Ratio Lower Upper

96 100

61 132.9 111.8 167.6

98 65.0 50.3 75.5



#22

Diisopropyl ether

Concen: 19.473 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Tgt Ion: 45 Resp: 311426

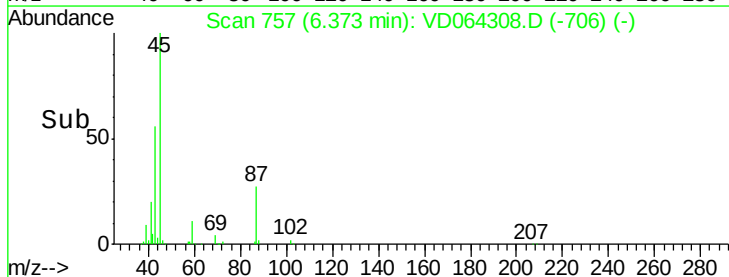
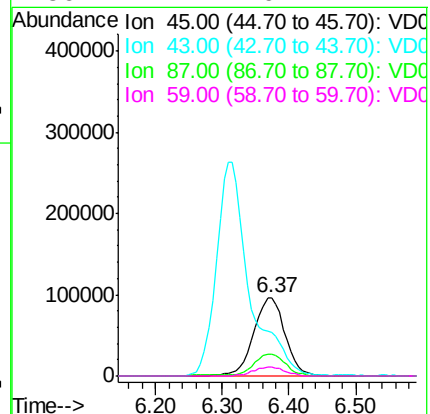
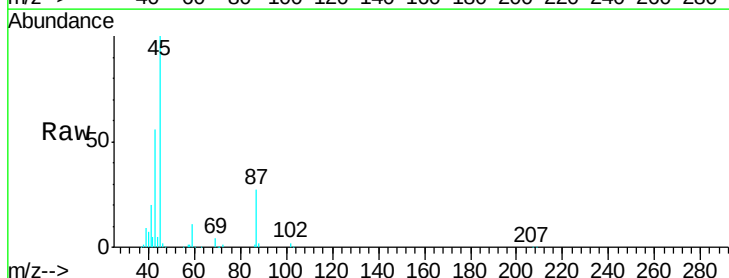
Ion Ratio Lower Upper

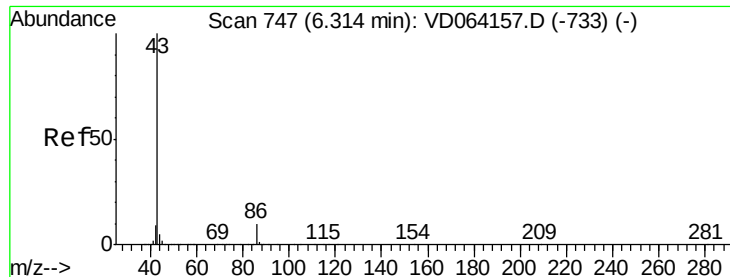
45 100

43 54.6 44.4 66.6

87 27.1 21.9 32.9

59 11.4 9.4 14.2

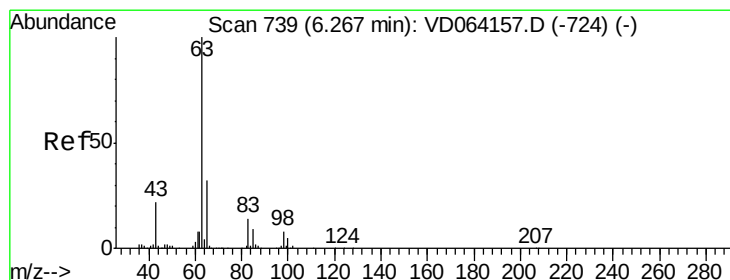
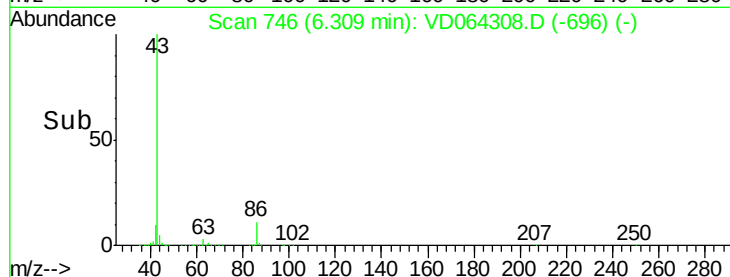
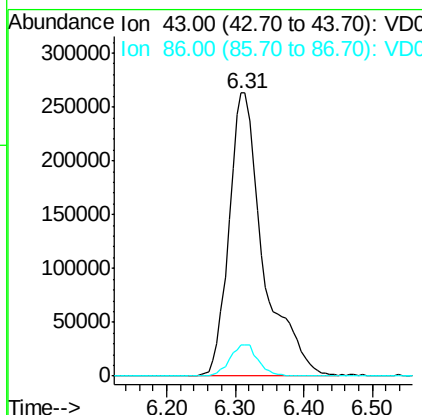
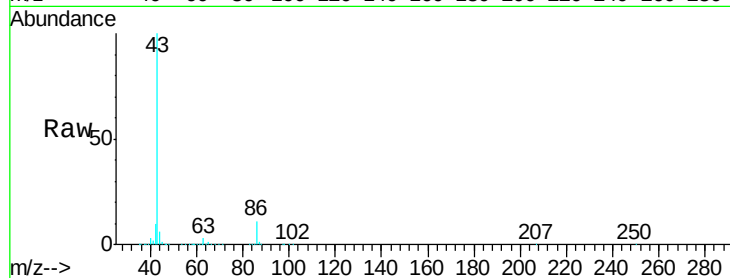




#23
 Vinyl Acetate
 Concen: 102.393 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

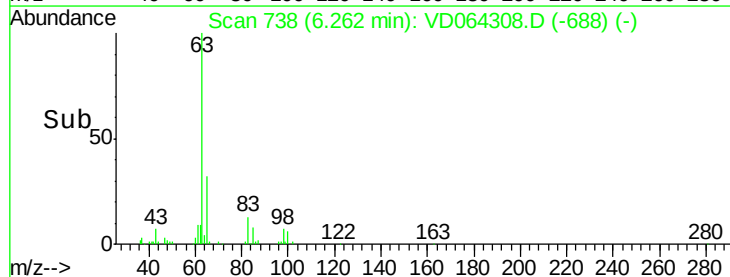
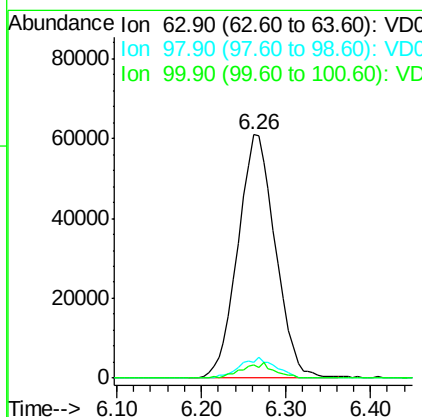
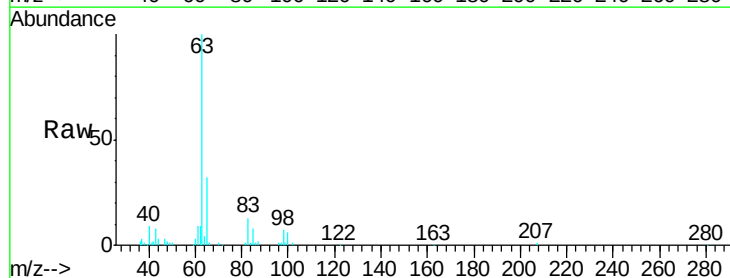
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBS01

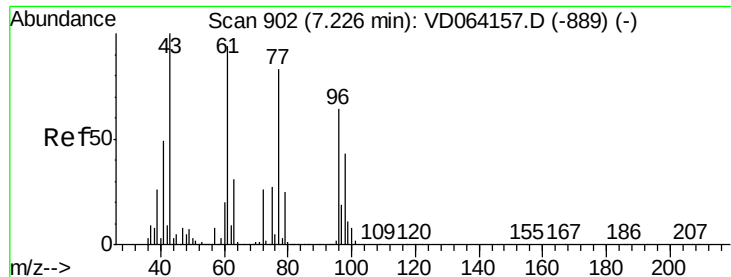
Tgt Ion: 43 Resp: 912790
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.184 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion: 63 Resp: 187426
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 5.6 2.4 7.2





#25

2-Butanone

Concen: 95.681 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

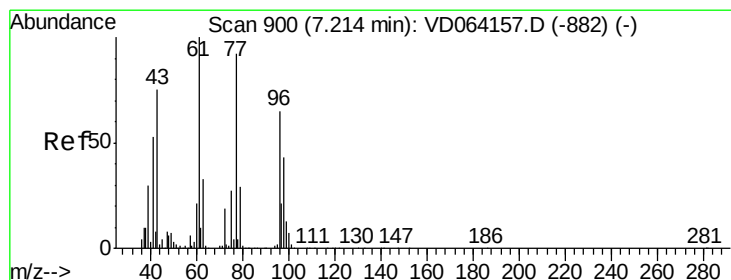
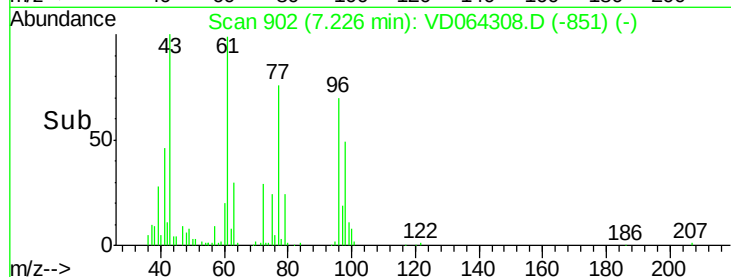
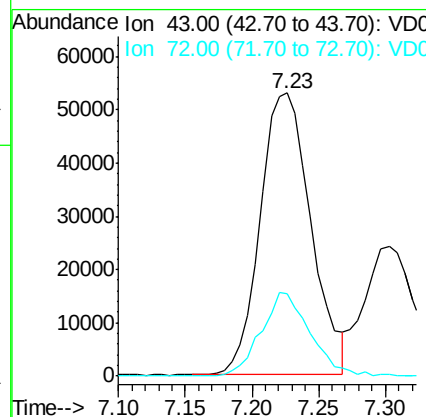
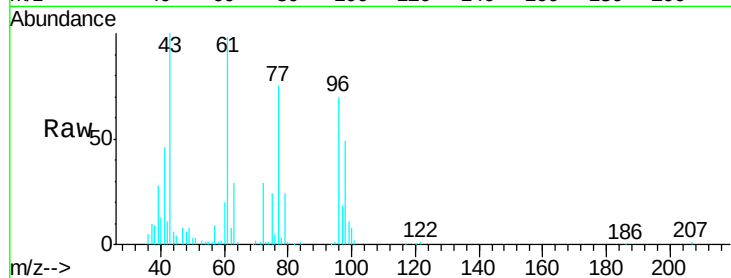
VD1120SBS01

Tgt Ion: 43 Resp: 139728

Ion Ratio Lower Upper

43 100

72 29.2 20.6 30.8



#26

2,2-Dichloropropane

Concen: 18.662 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD064308.D

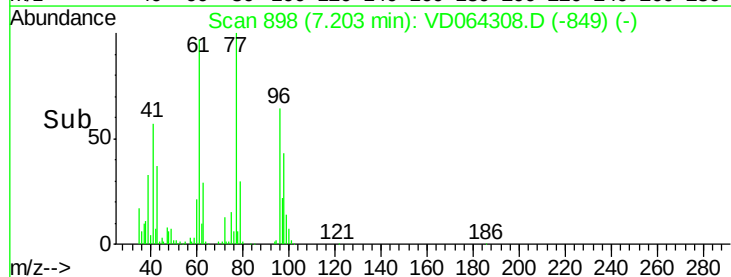
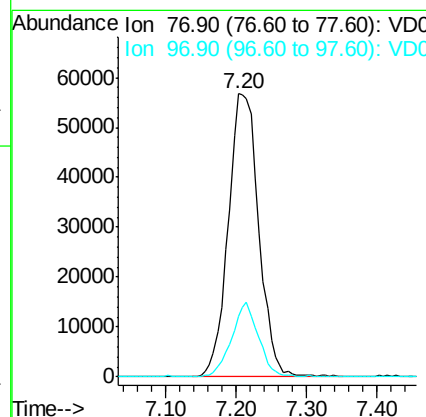
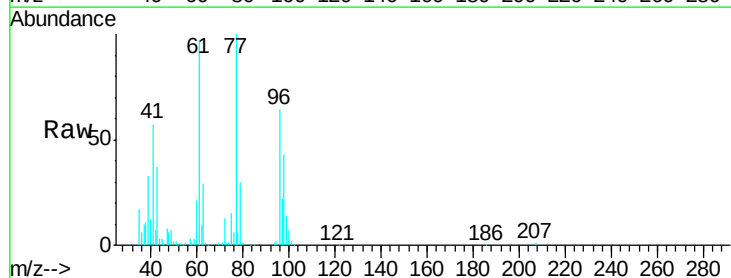
Acq: 20 Nov 2019 12:41

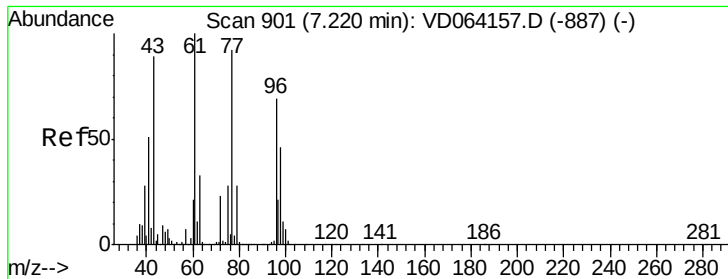
Tgt Ion: 77 Resp: 169942

Ion Ratio Lower Upper

77 100

97 23.4 11.1 33.3



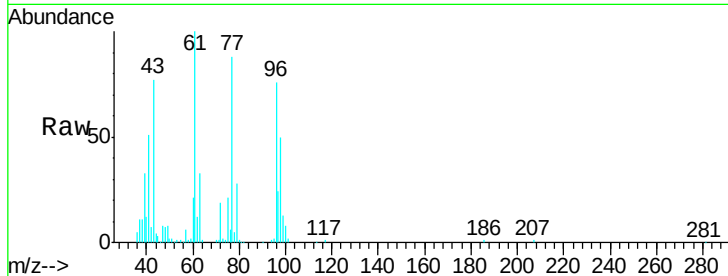


#27

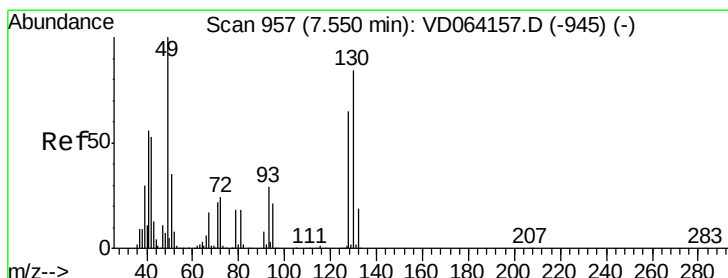
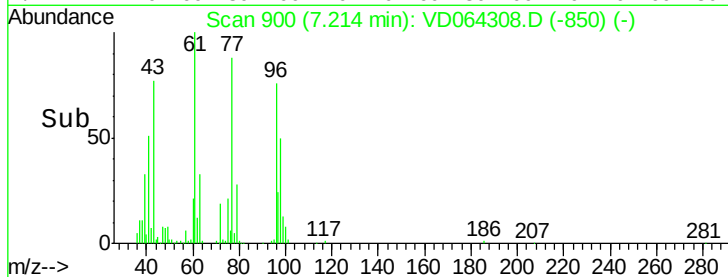
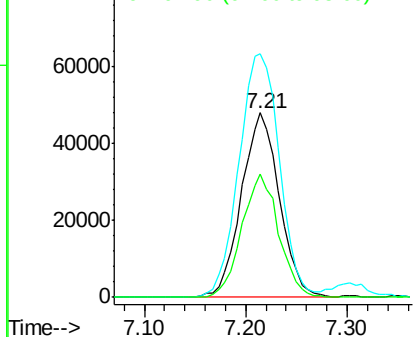
cis-1,2-Dichloroethene
 Concen: 21.059 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBSD01

Tgt Ion: 96 Resp: 124733
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 301.4
 98 64.9 0.0 133.2



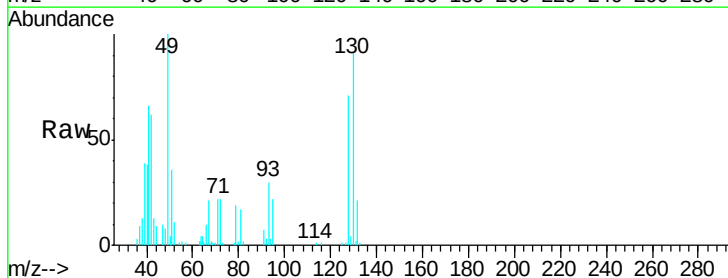
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



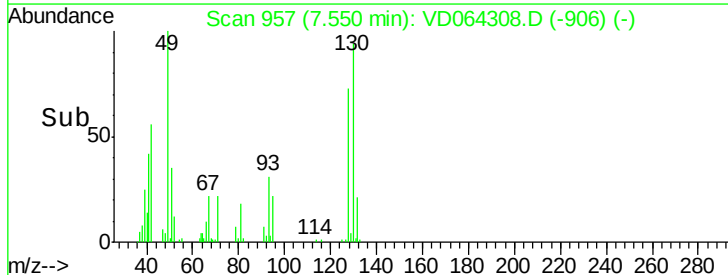
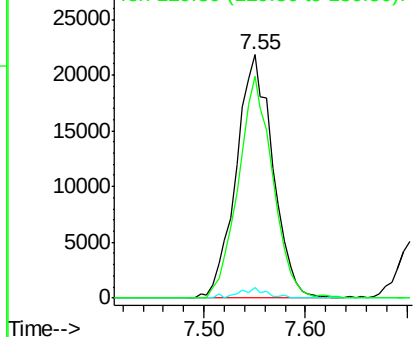
#28

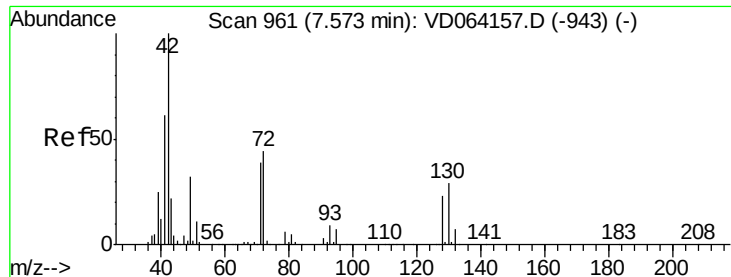
Bromochloromethane
 Concen: 16.909 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion: 49 Resp: 54662
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 4.4
 130 85.8 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

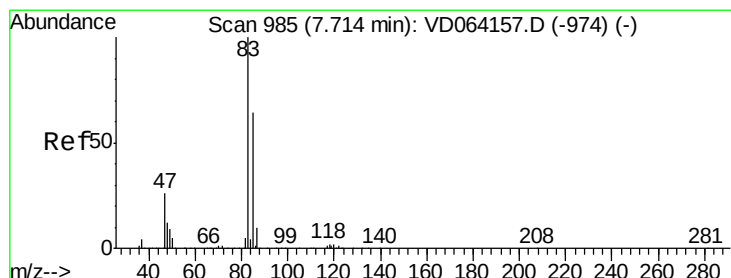
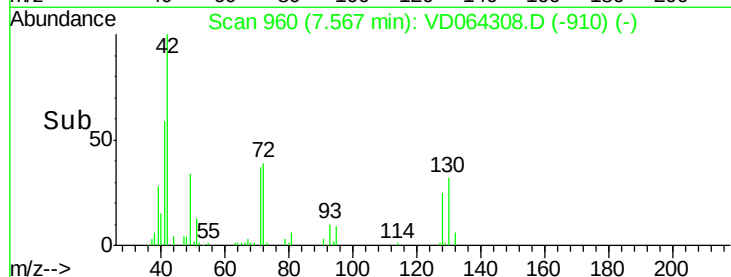
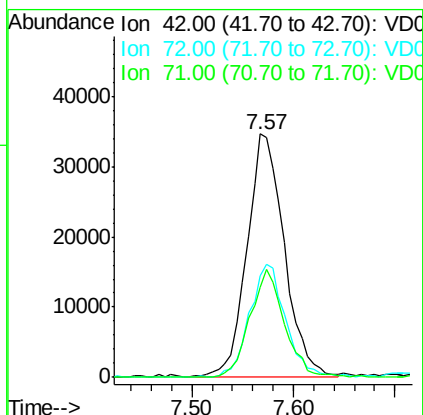
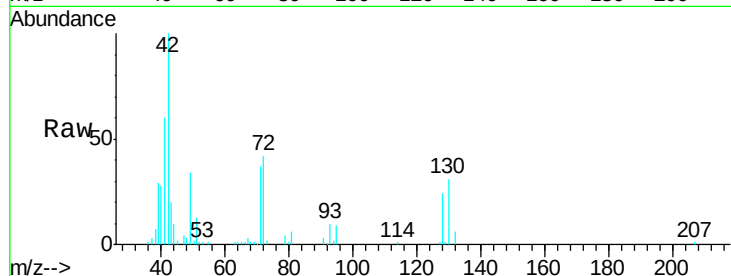




#29
Tetrahydrofuran
Concen: 101.860 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

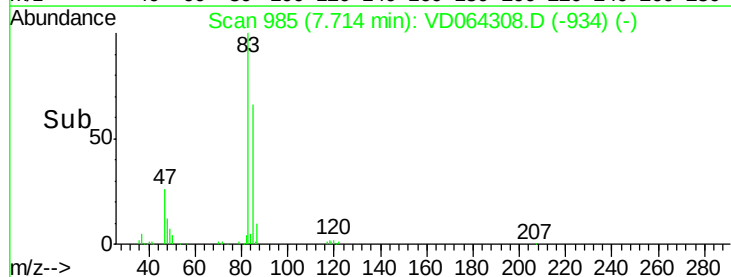
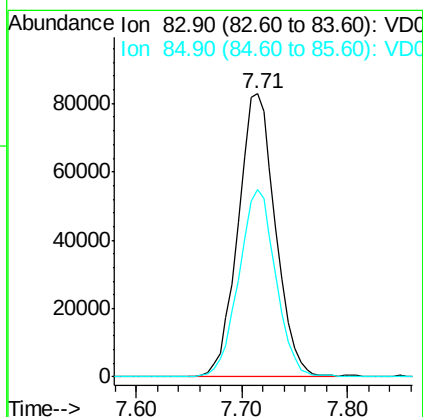
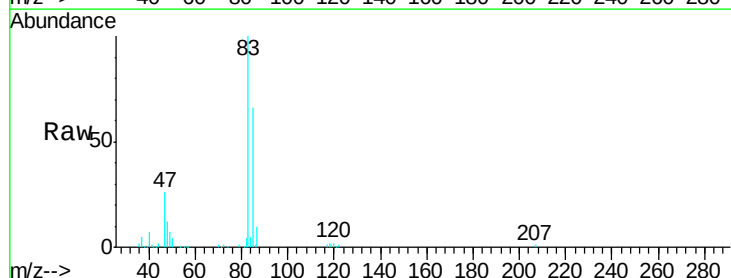
Instrument :
MSVOA_D
ClientSampleId :
VD1120SBSD01

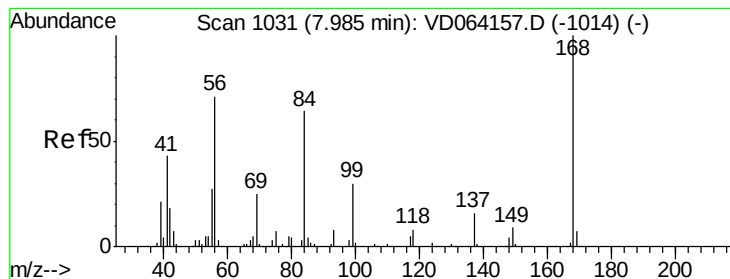
Tgt Ion: 42 Resp: 89373
Ion Ratio Lower Upper
42 100
72 45.0 33.4 50.2
71 40.8 31.0 46.4



#30
Chloroform
Concen: 21.383 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion: 83 Resp: 203098
Ion Ratio Lower Upper
83 100
85 66.3 51.4 77.0





#31

Cyclohexane

Concen: 19.034 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD1120SBS01

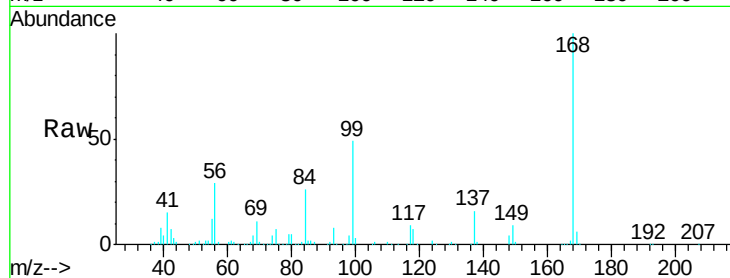
Tgt Ion: 56 Resp: 178245

Ion Ratio Lower Upper

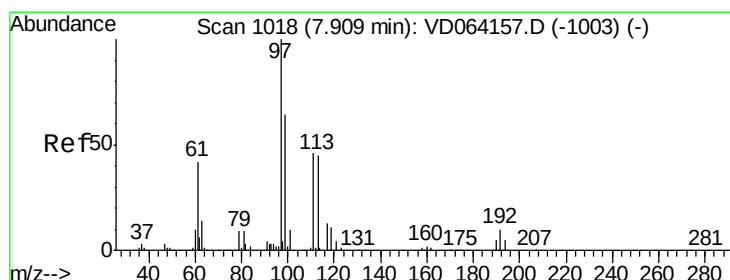
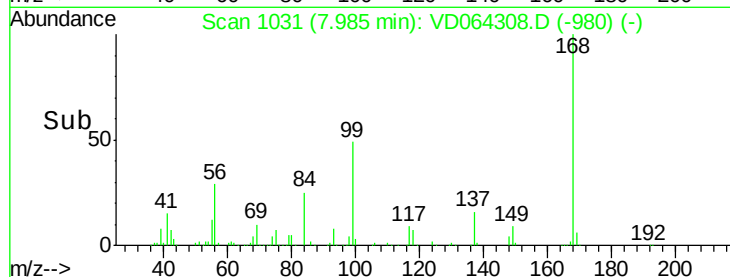
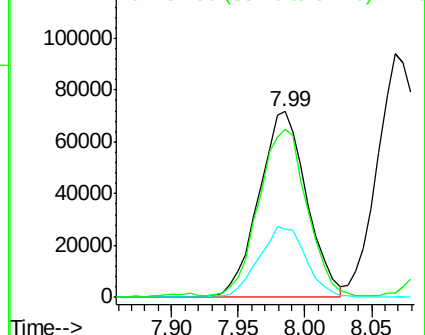
56 100

69 37.0 28.2 42.4

84 88.2 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: 20.039 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

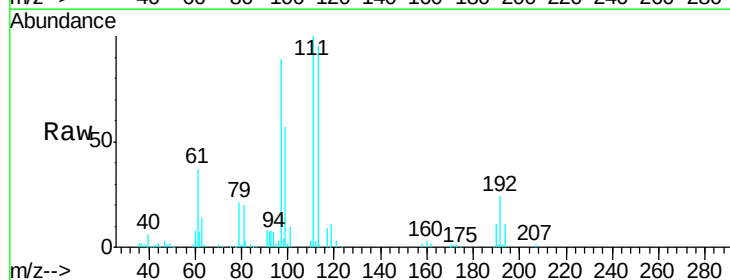
Tgt Ion: 97 Resp: 182255

Ion Ratio Lower Upper

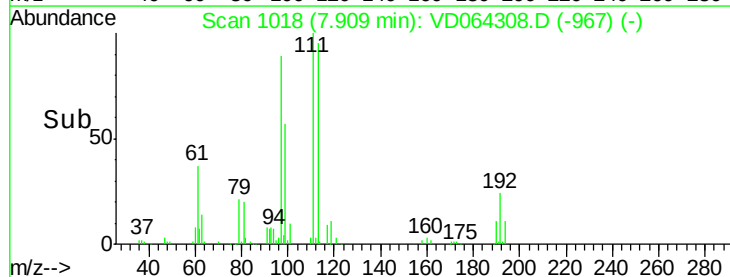
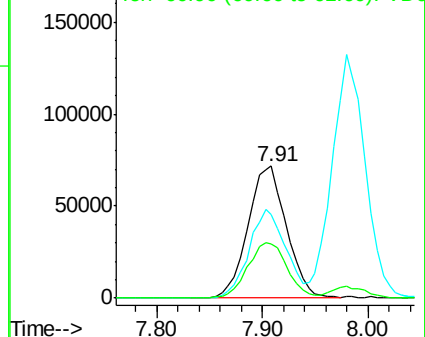
97 100

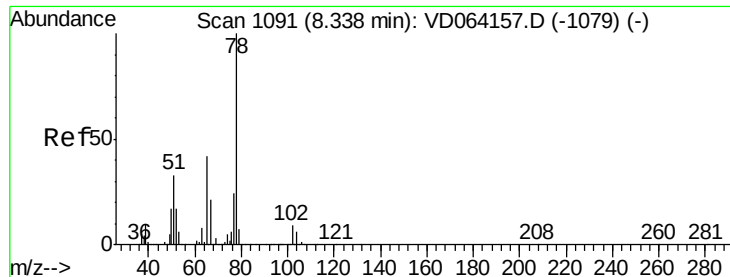
99 63.9 51.6 77.4

61 42.8 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

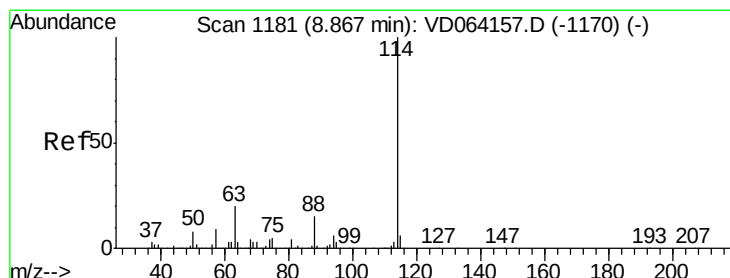
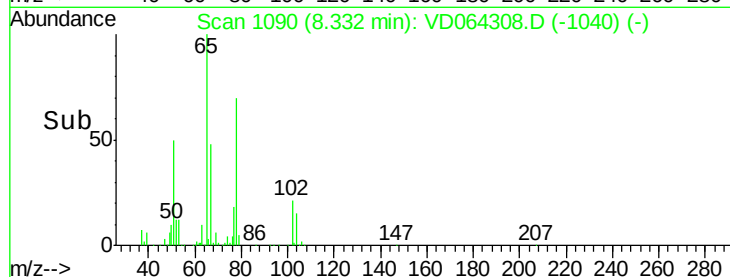
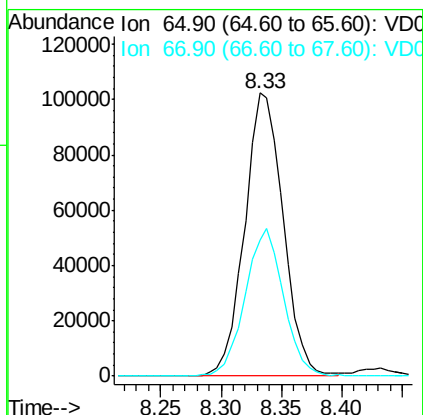
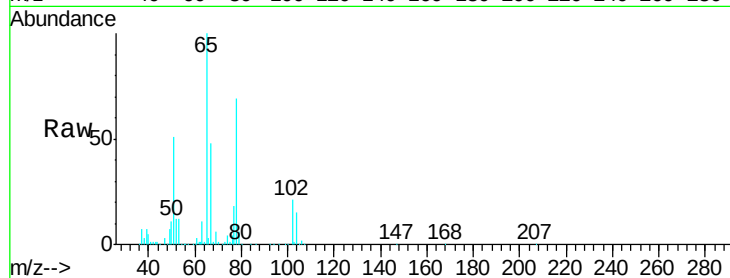




#33
 1,2-Dichloroethane-d4
 Concen: 47.795 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

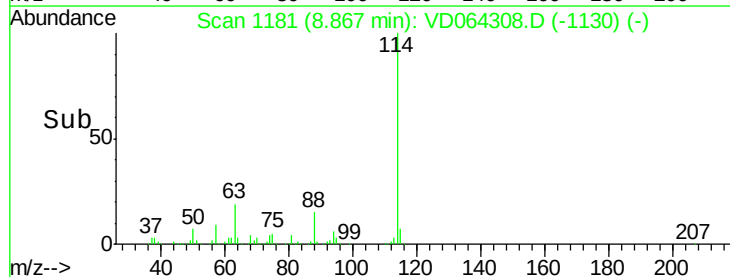
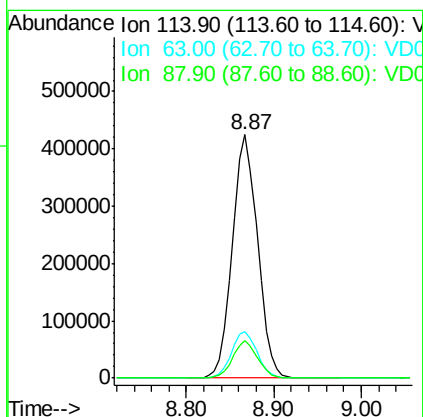
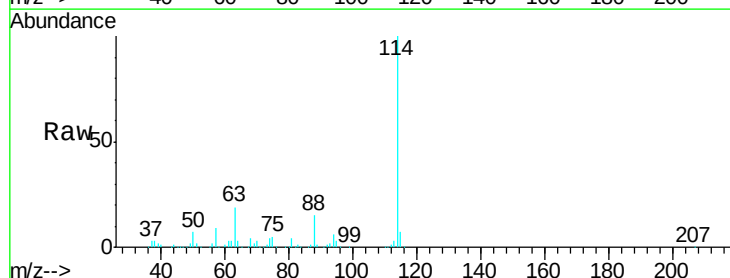
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBSD01

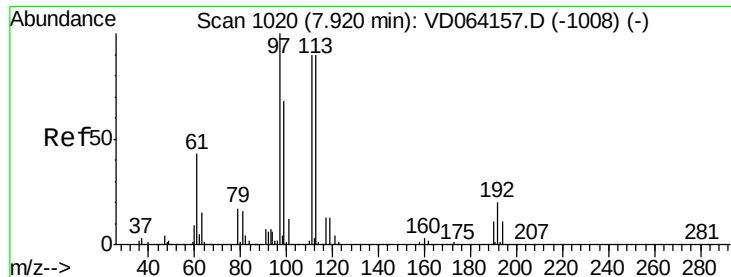
Tgt Ion: 65 Resp: 228050
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion: 114 Resp: 831453
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 15.3 0.0 30.2

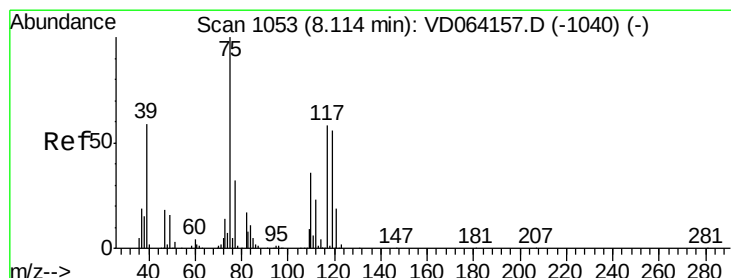
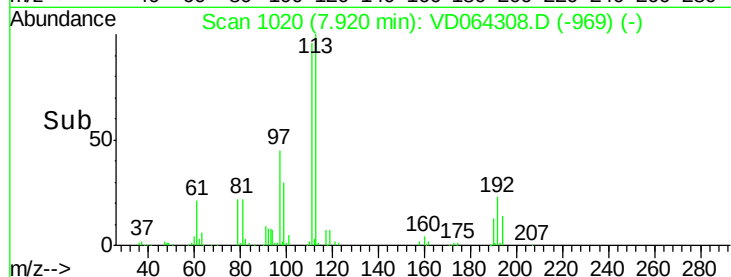
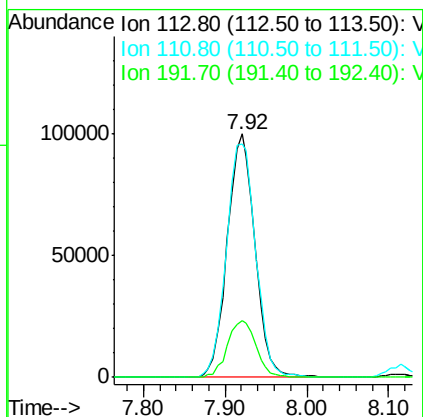
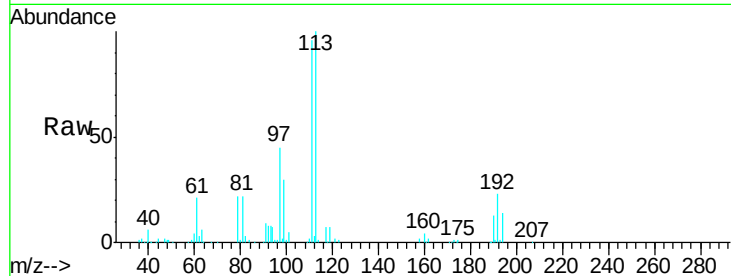




#35
 Dibromofluoromethane
 Concen: 49.467 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

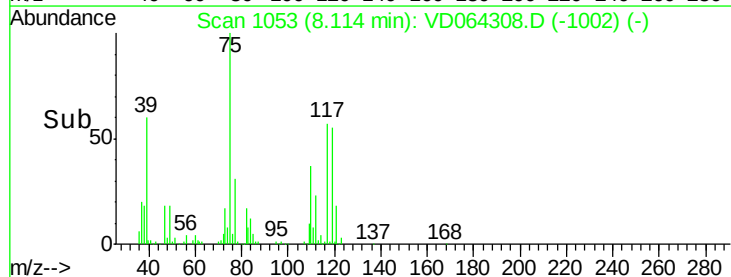
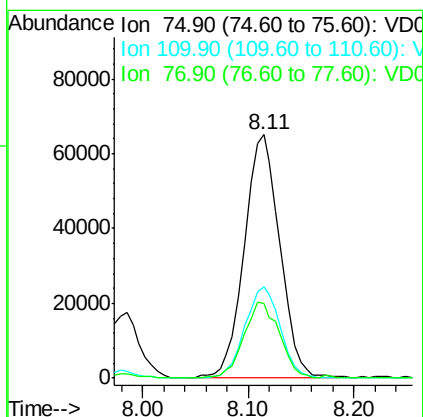
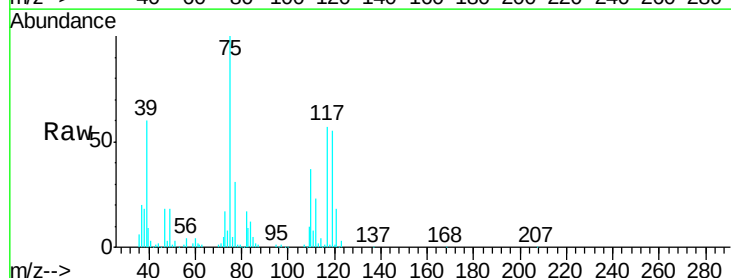
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBSD01

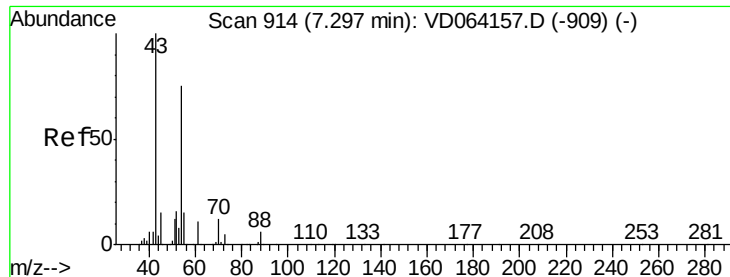
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	23.9	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 19.837 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.3	54.9
77	31.2	25.0	37.6

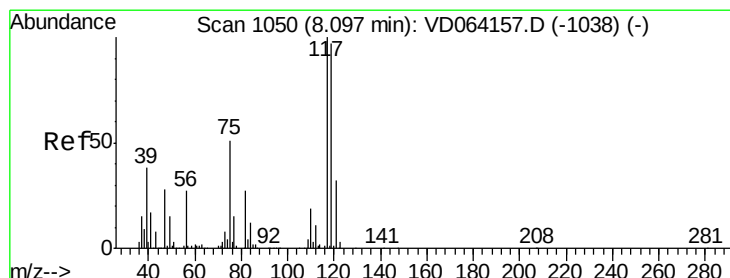
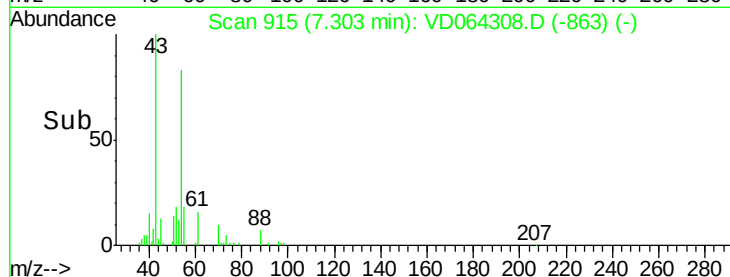
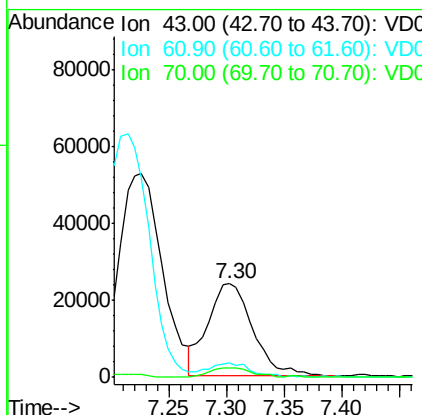
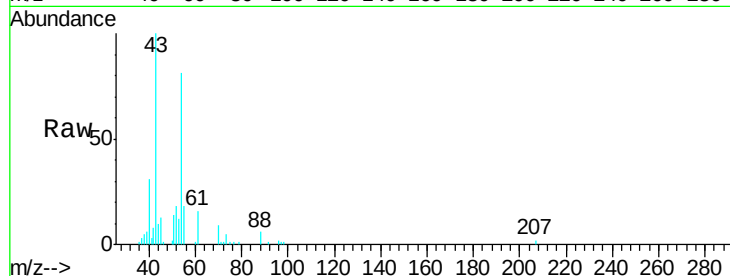




#37
 Ethyl Acetate
 Concen: 20.178 ug/l
 RT: 7.30 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

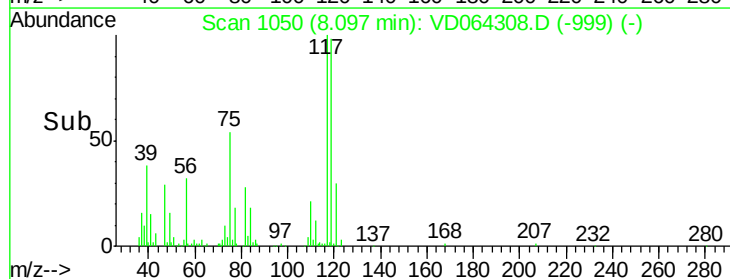
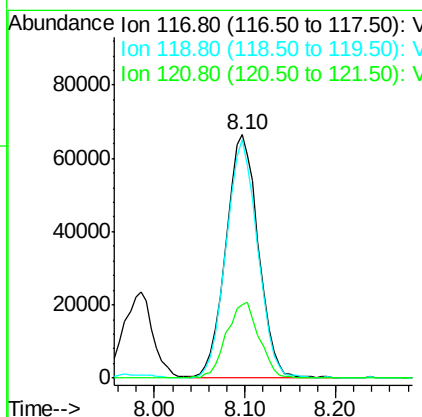
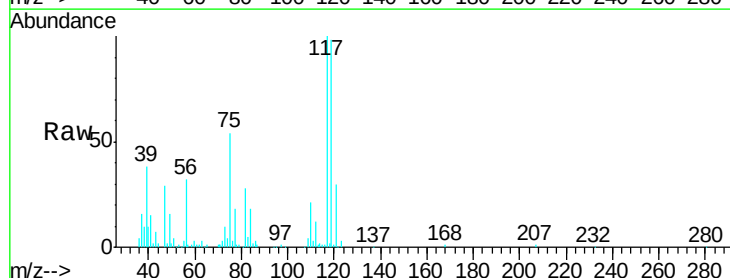
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBS01

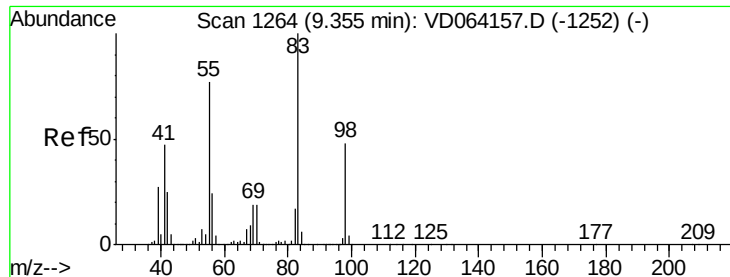
Tgt Ion: 43 Resp: 65276
 Ion Ratio Lower Upper
 43 100
 61 14.4 10.2 15.2
 70 9.9 8.5 12.7



#38
 Carbon Tetrachloride
 Concen: 20.189 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion: 117 Resp: 165769
 Ion Ratio Lower Upper
 117 100
 119 98.0 77.2 115.8
 121 29.9 25.5 38.3

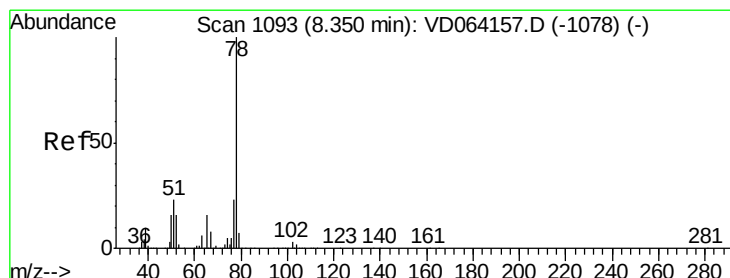
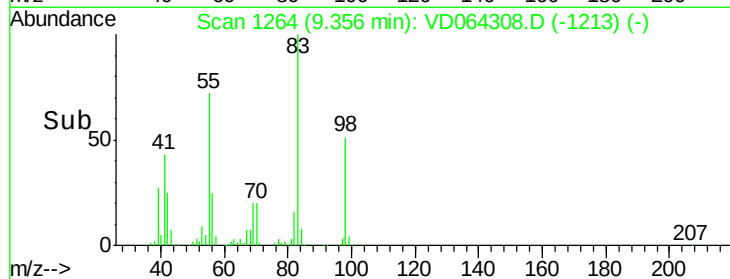
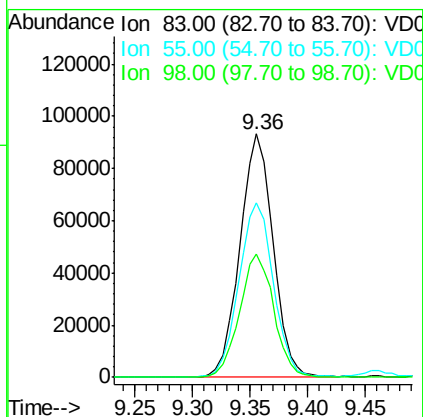
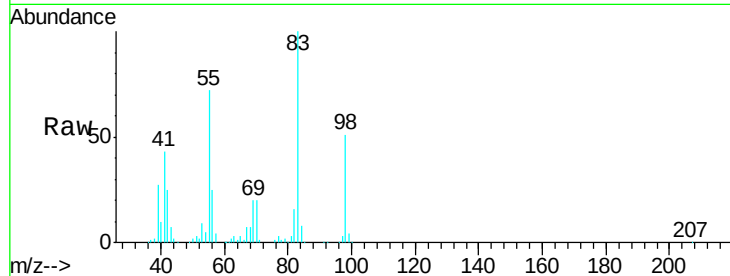




#39
Methylcyclohexane
Concen: 19.257 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

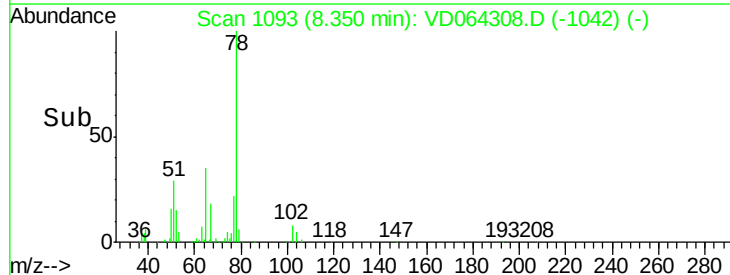
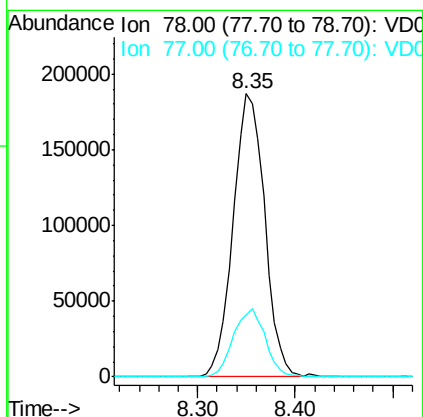
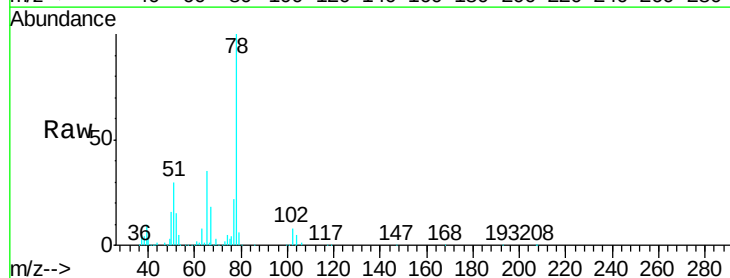
Instrument :
MSVOA_D
ClientSampleId :
VD1120SBS01

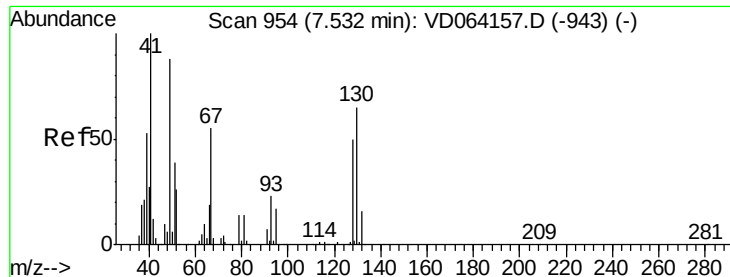
Tgt Ion: 83 Resp: 186983
Ion Ratio Lower Upper
83 100
55 71.4 61.7 92.5
98 50.7 38.6 58.0



#40
Benzene
Concen: 20.162 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion: 78 Resp: 422843
Ion Ratio Lower Upper
78 100
77 21.9 18.6 28.0

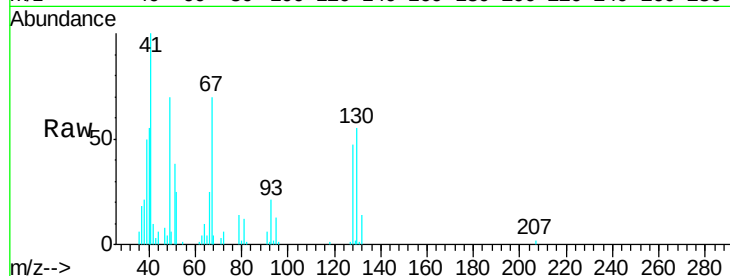




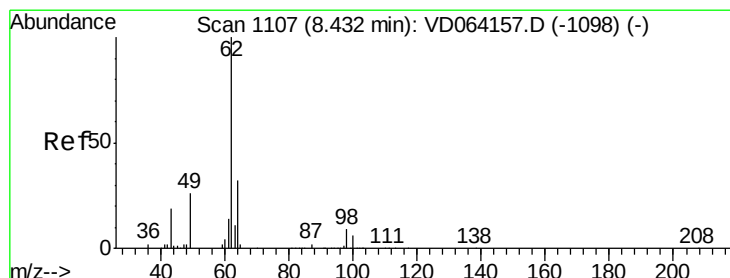
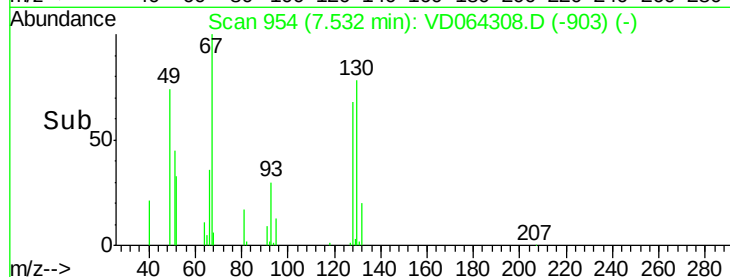
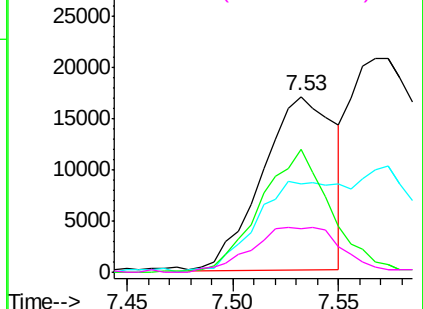
#41
Methacrylonitrile
Concen: 20.002 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Instrument :
MSVOA_D
ClientSampleId :
VD1120SBSD01

Tgt Ion:	41	Resp:	40670
Ion	Ratio	Lower	Upper
41	100		
39	64.9	49.4	74.2
67	68.8	49.6	74.4
52	31.7	21.4	32.0

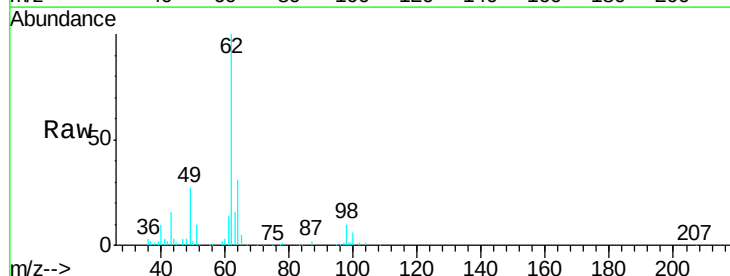


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

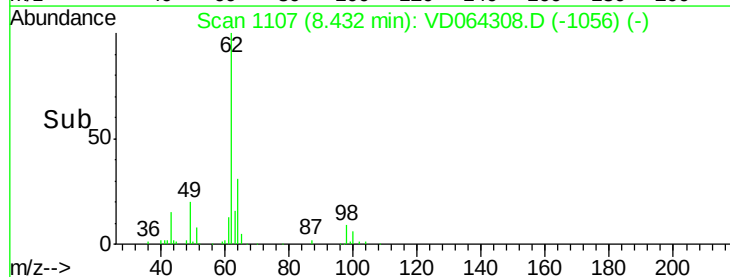
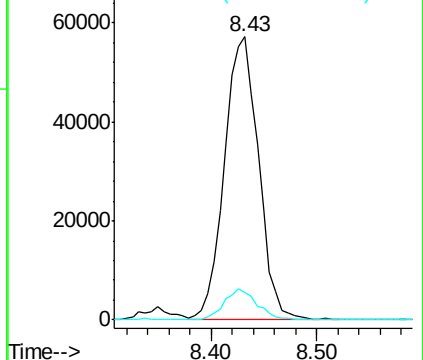


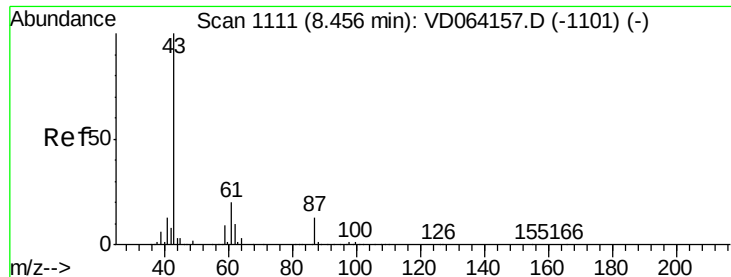
#42
1,2-Dichloroethane
Concen: 20.326 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion:	62	Resp:	128030
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 19.395 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD1120SBS01

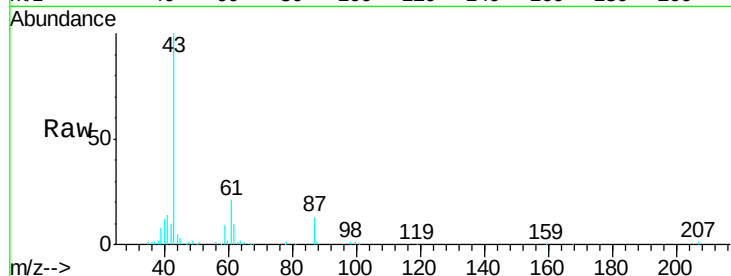
Tgt Ion: 43 Resp: 129279

Ion Ratio Lower Upper

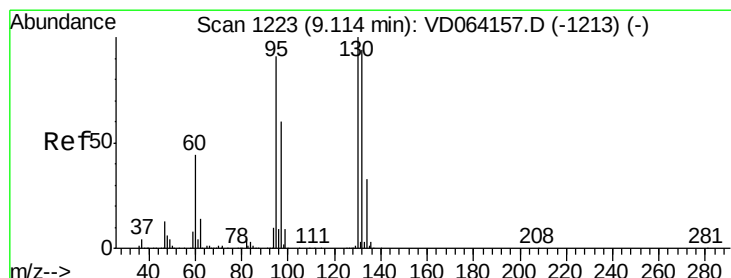
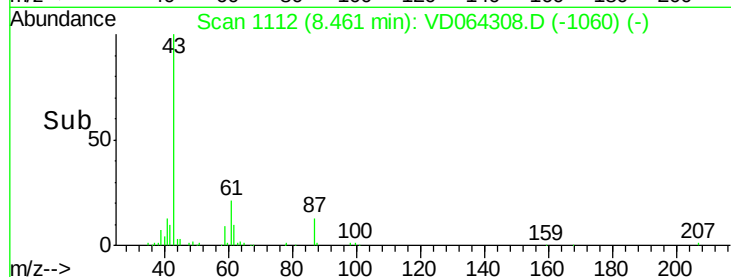
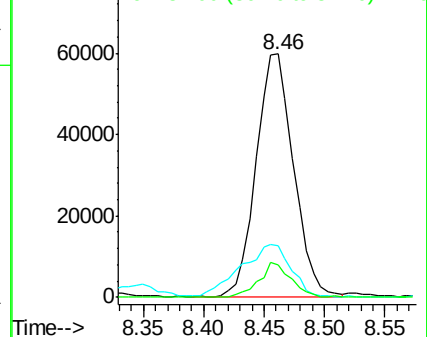
43 100

61 29.4 22.9 34.3

87 12.2 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: 20.842 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD064308.D

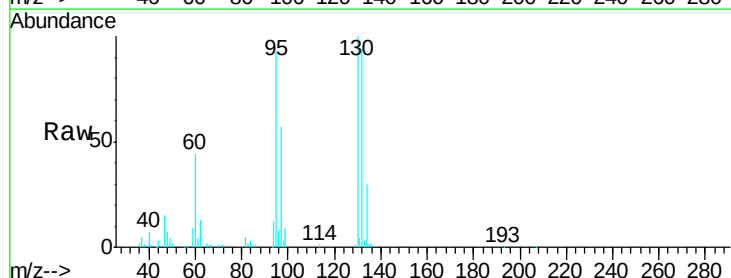
Acq: 20 Nov 2019 12:41

Tgt Ion: 130 Resp: 131190

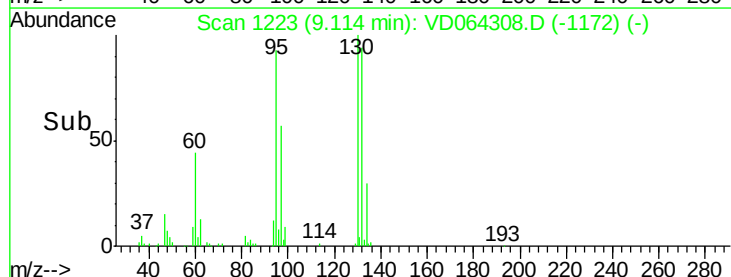
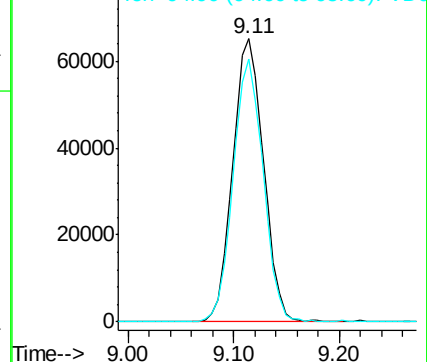
Ion Ratio Lower Upper

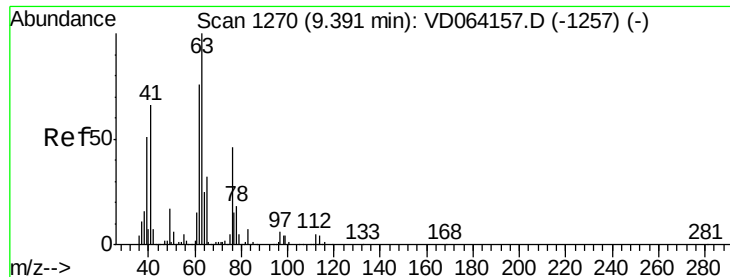
130 100

95 93.1 0.0 181.6



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

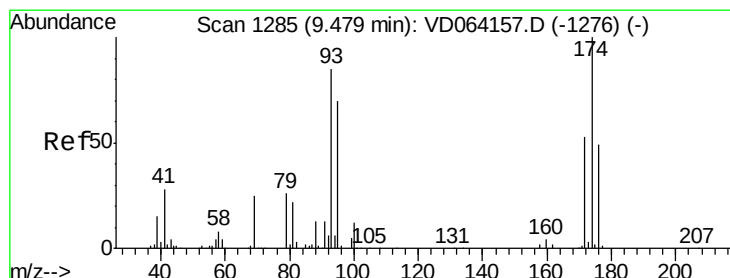
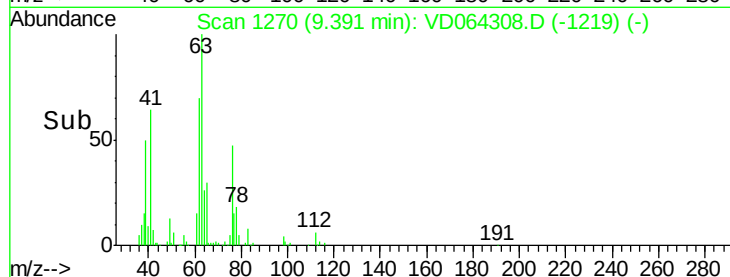
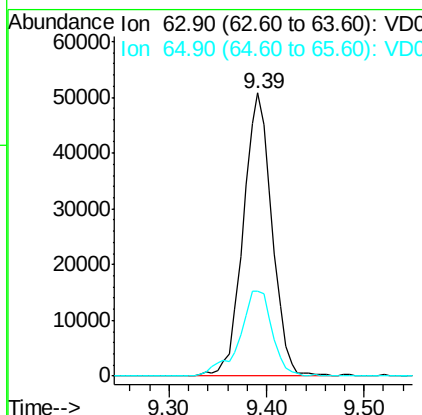
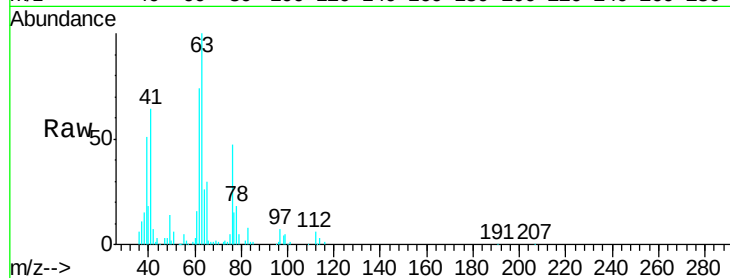




#45
 1,2-Dichloropropane
 Concen: 20.490 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

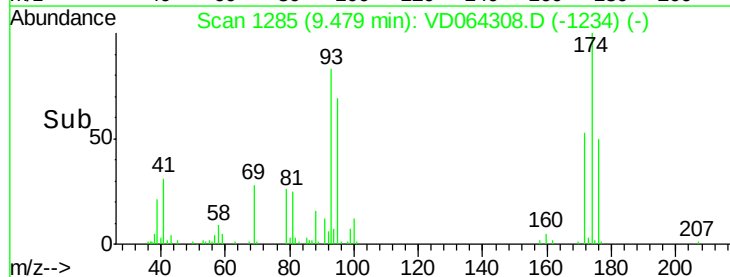
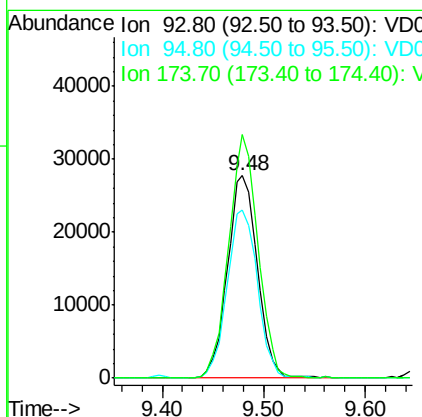
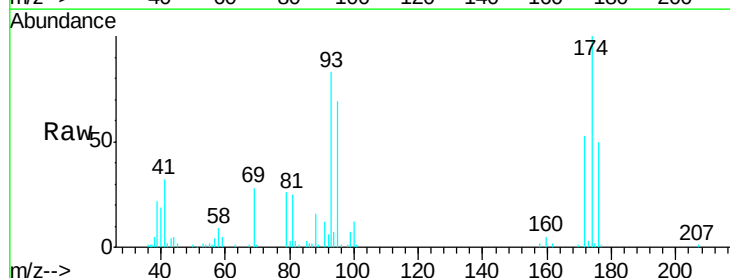
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBSD01

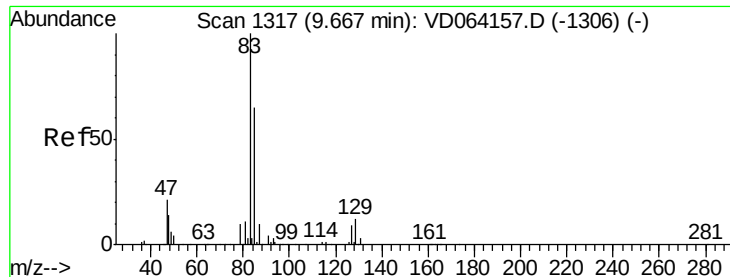
Tgt Ion: 63 Resp: 104592
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.7 38.5



#46
 Dibromomethane
 Concen: 20.823 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion: 93 Resp: 56904
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.5 98.3
 174 117.3 93.9 140.9





#47

Bromodichloromethane

Concen: 20.590 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD1120SBSD01

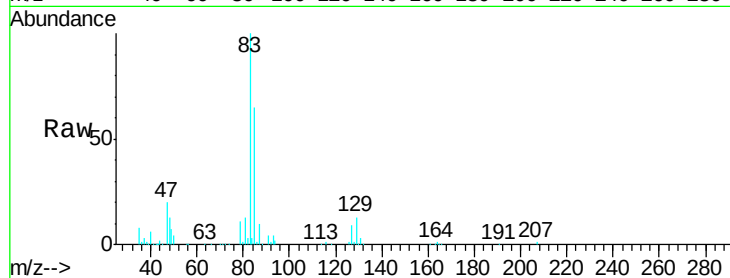
Tgt Ion: 83 Resp: 151566

Ion Ratio Lower Upper

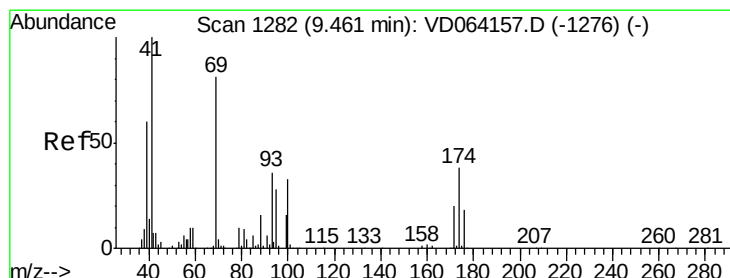
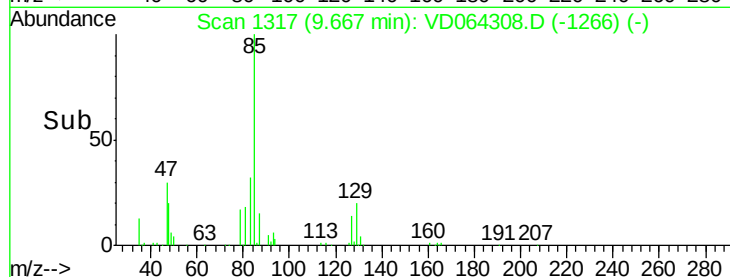
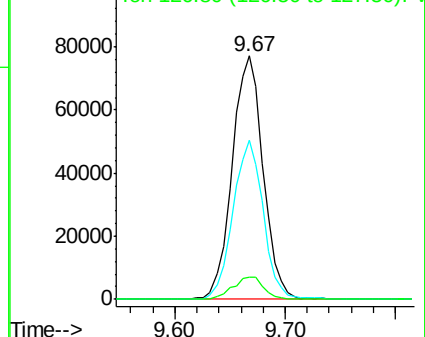
83 100

85 65.3 52.2 78.4

127 9.1 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): VDC



#48

Methyl methacrylate

Concen: 18.318 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

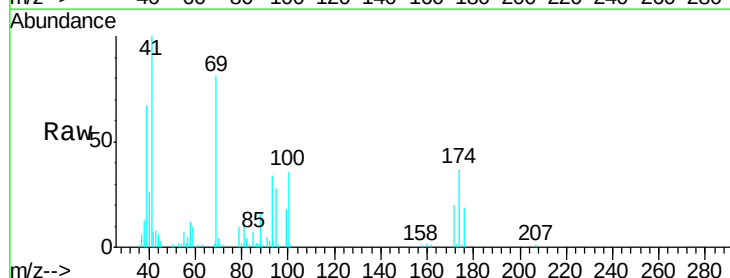
Tgt Ion: 41 Resp: 59702

Ion Ratio Lower Upper

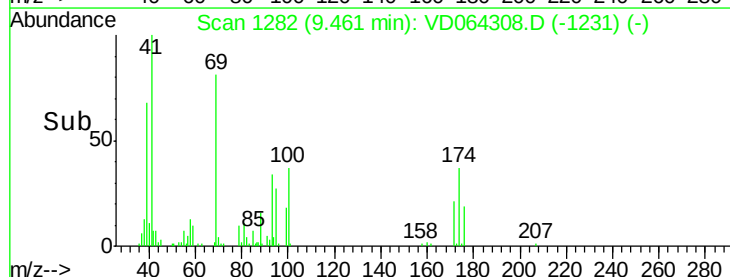
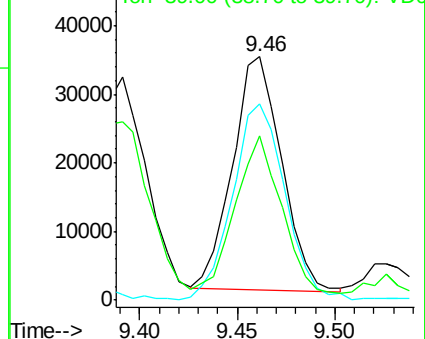
41 100

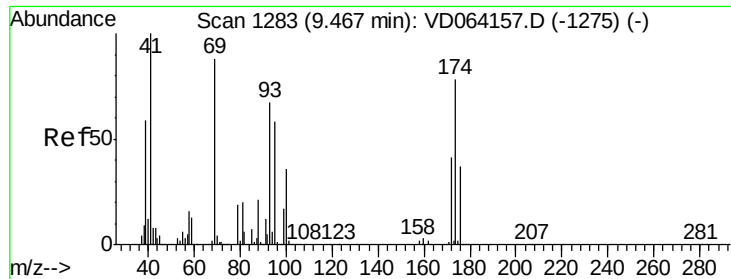
69 89.7 64.6 97.0

39 69.4 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

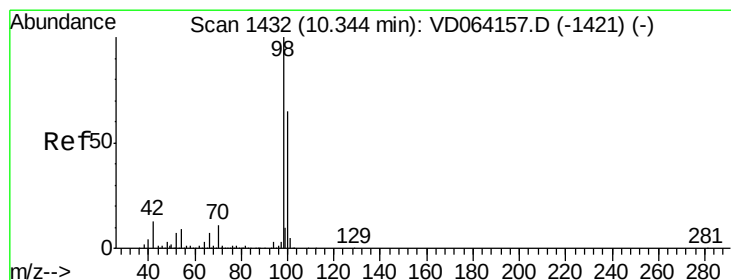
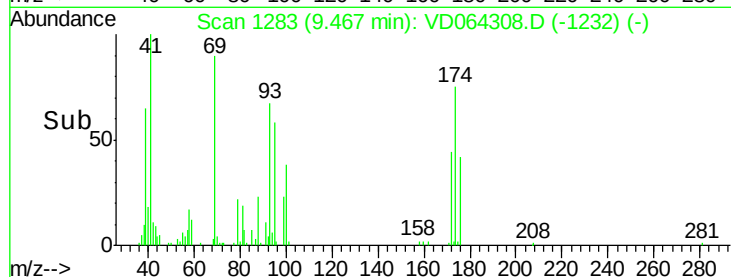
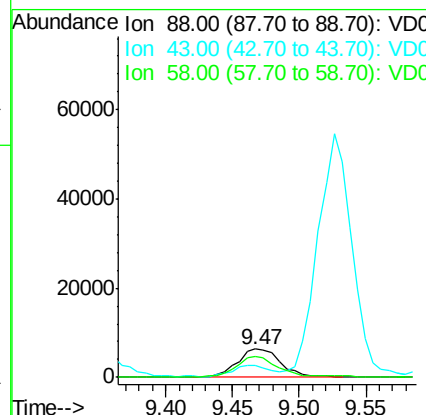
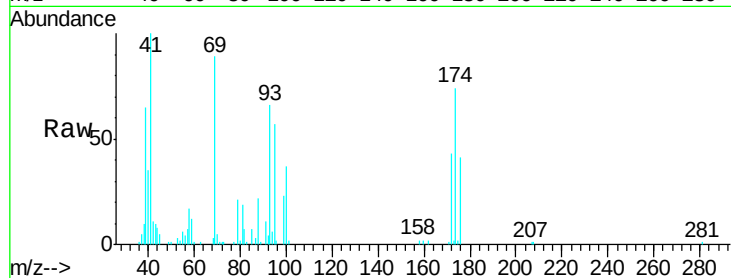




#49
1,4-Dioxane
Concen: 437.595 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

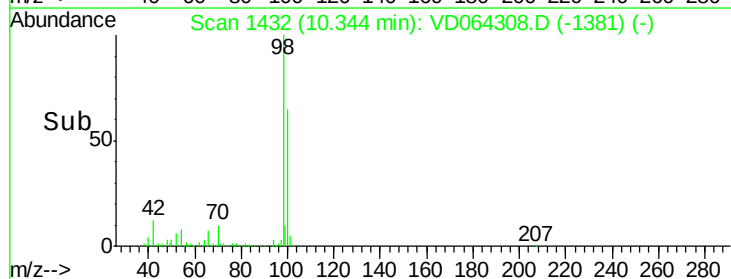
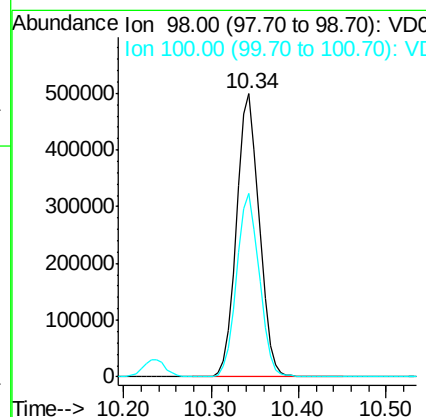
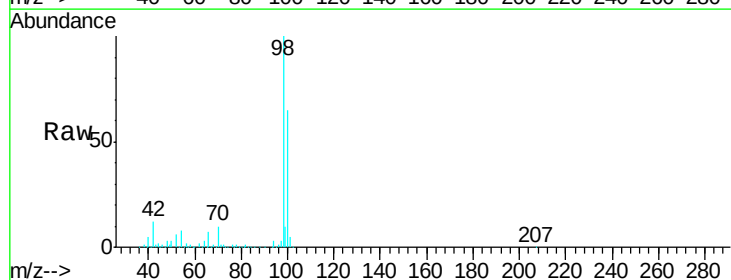
Instrument :
MSVOA_D
ClientSampleId :
VD1120SBSD01

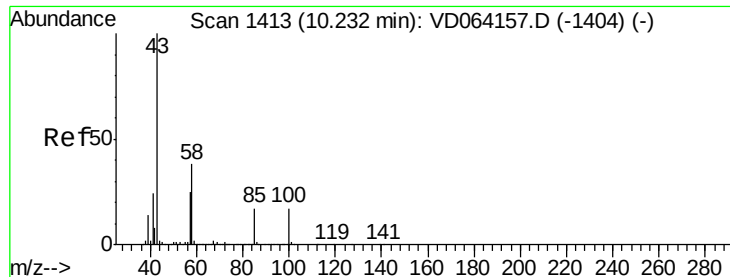
Tgt Ion: 88 Resp: 14362
Ion Ratio Lower Upper
88 100
43 33.5 29.8 44.8
58 70.1 58.1 87.1



#50
Toluene-d8
Concen: 48.920 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion: 98 Resp: 880789
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

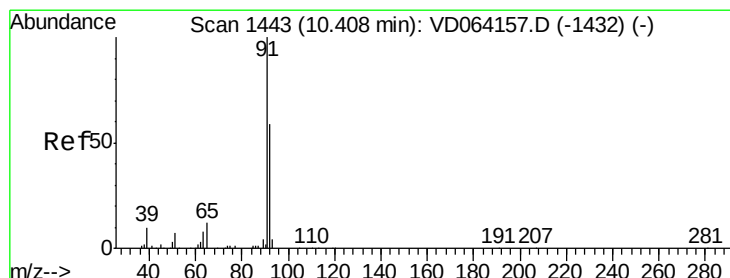
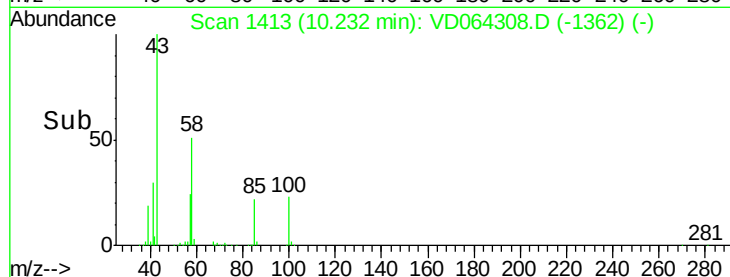
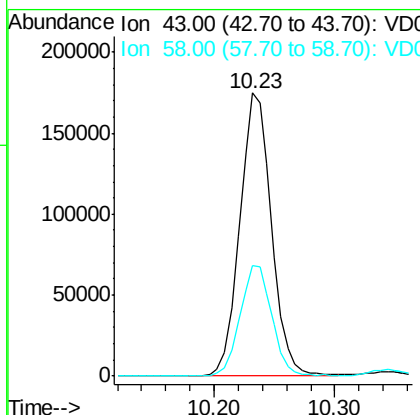
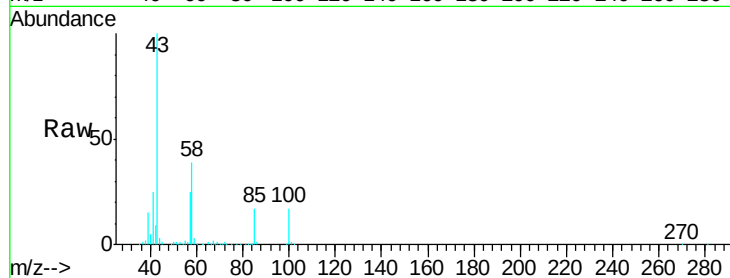




#51
 4-Methyl-2-Pentanone
 Concen: 100.045 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

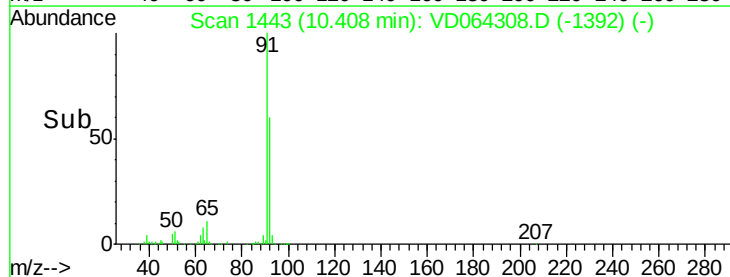
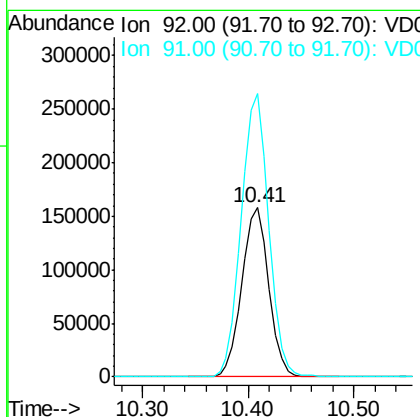
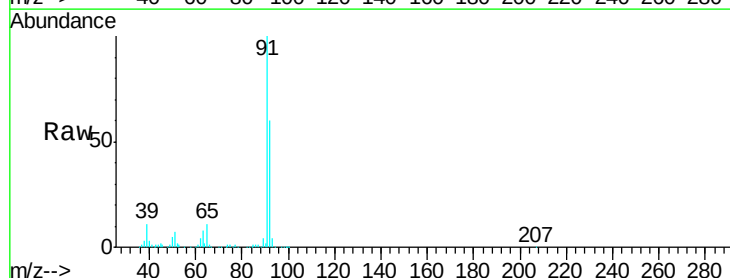
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBSD01

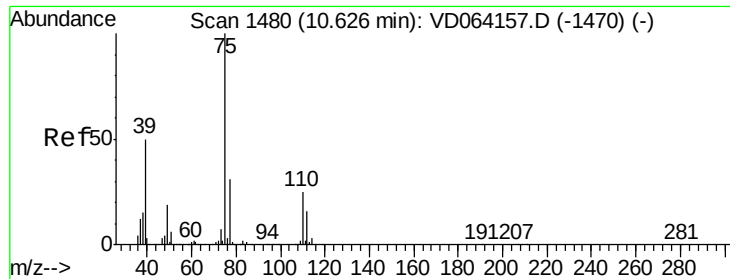
Tgt Ion: 43 Resp: 319781
 Ion Ratio Lower Upper
 43 100
 58 39.3 30.2 45.4



#52
 Toluene
 Concen: 20.379 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion: 92 Resp: 281039
 Ion Ratio Lower Upper
 92 100
 91 170.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.678 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

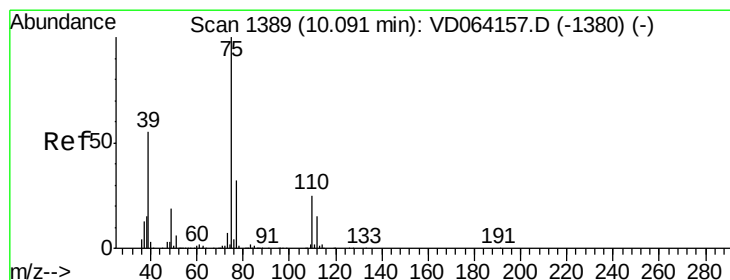
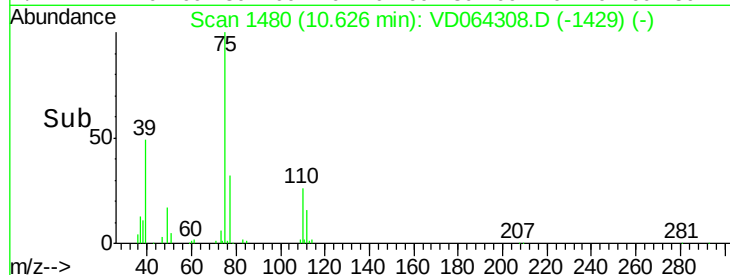
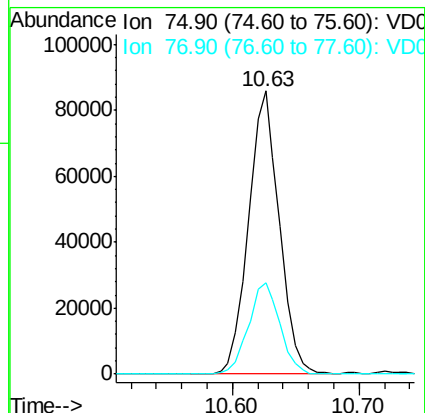
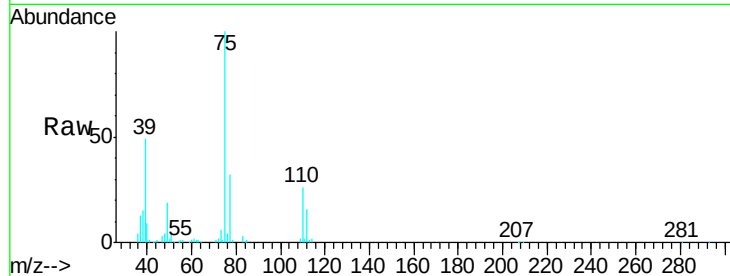
VD1120SBS01

Tgt Ion: 75 Resp: 145113

Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 19.857 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

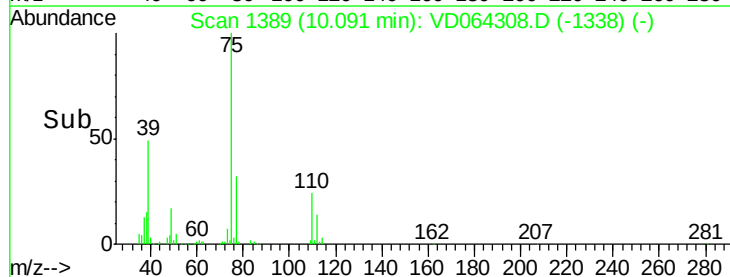
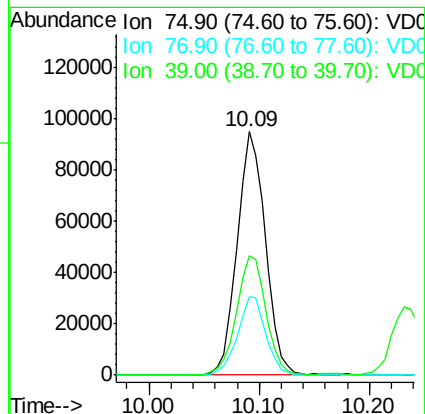
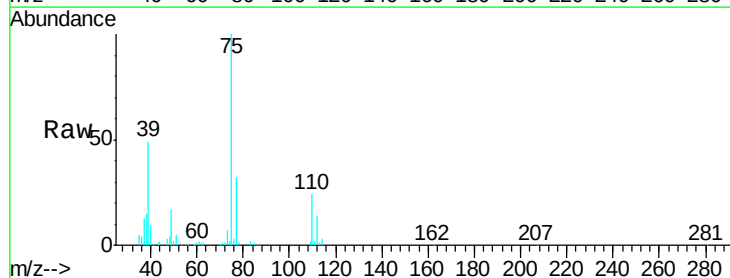
Tgt Ion: 75 Resp: 170878

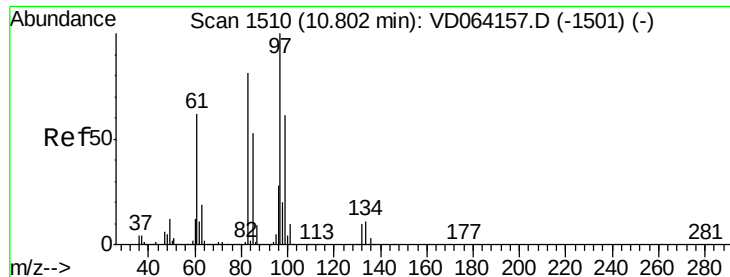
Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

39 48.9 44.2 66.2

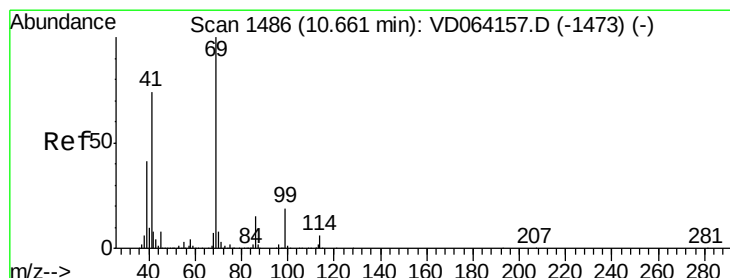
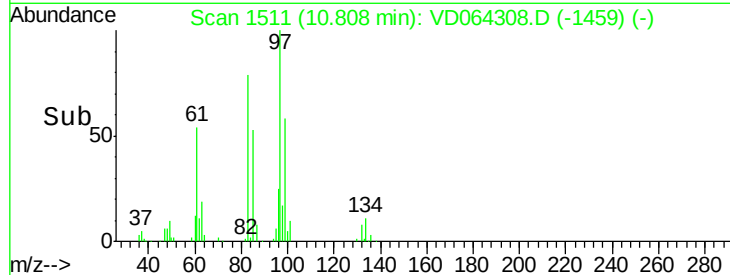
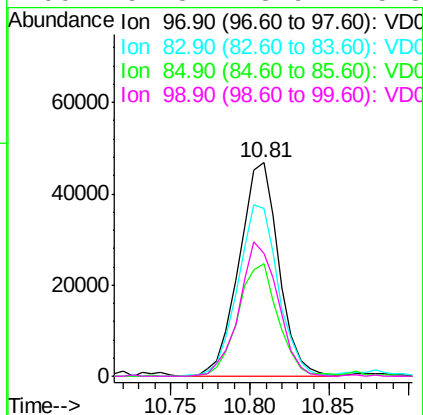
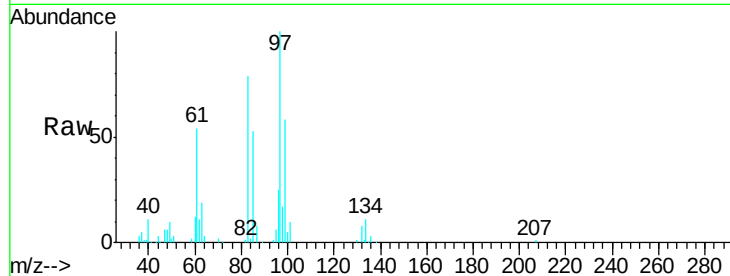




#55
 1,1,2-Trichloroethane
 Concen: 22.067 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

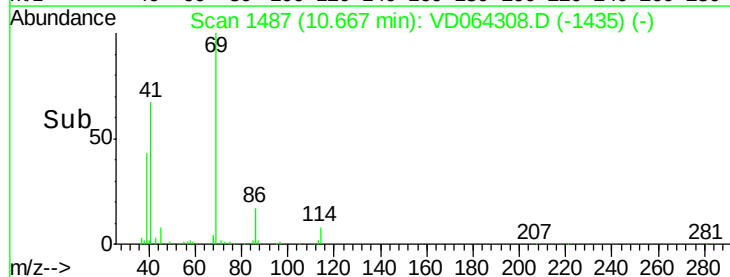
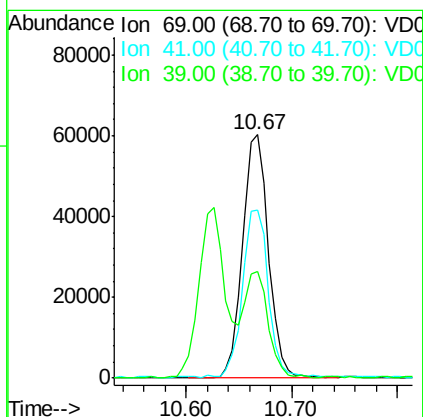
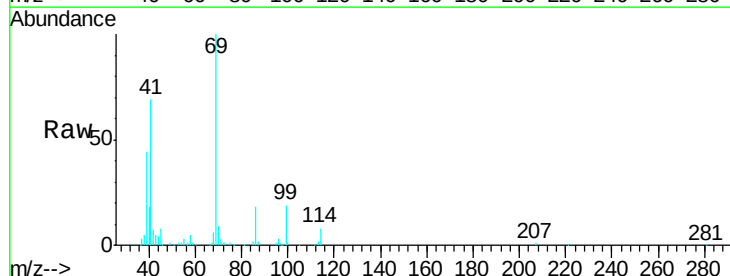
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBSD01

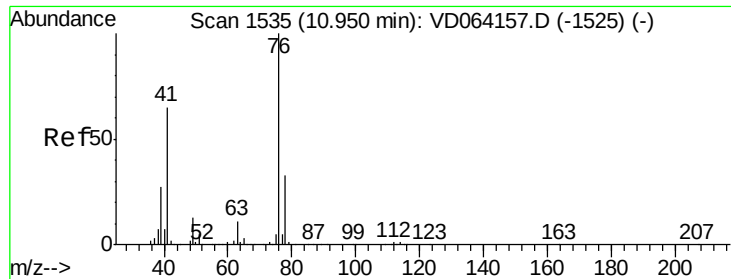
Tgt Ion:	97	Resp:	81807
Ion	Ratio	Lower	Upper
97	100		
83	78.1	65.1	97.7
85	52.8	42.0	63.0
99	57.8	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 19.774 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion:	69	Resp:	102543
Ion	Ratio	Lower	Upper
69	100		
41	69.4	57.9	86.9
39	39.0	29.0	43.4

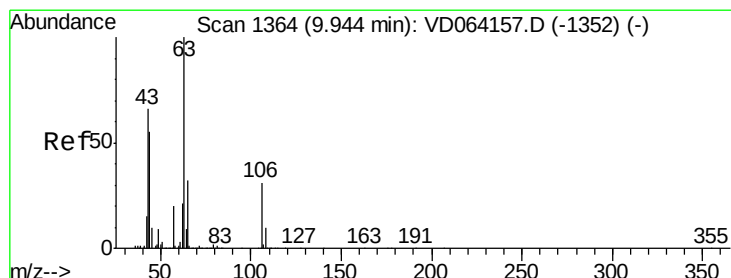
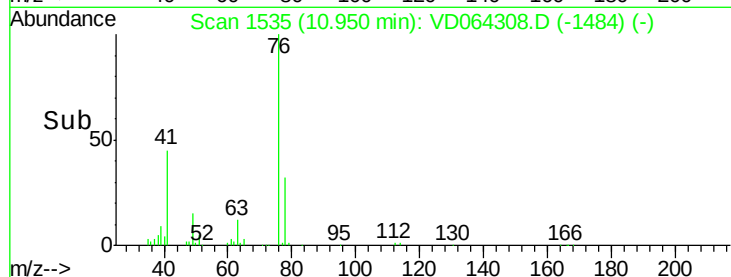
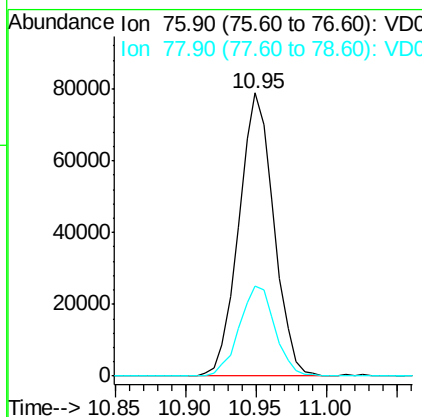
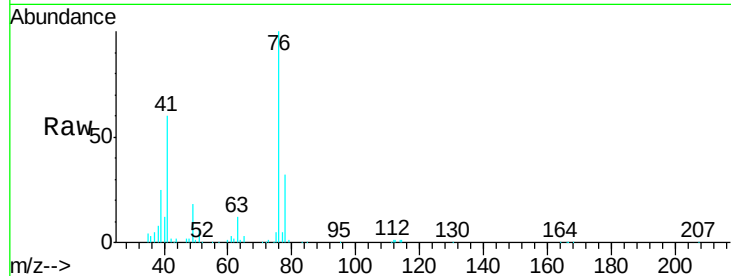




#57
 1,3-Dichloropropane
 Concen: 21.128 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

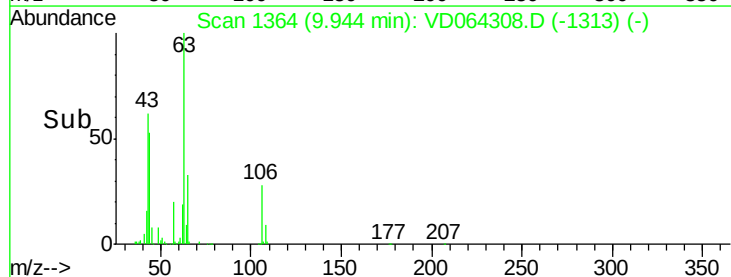
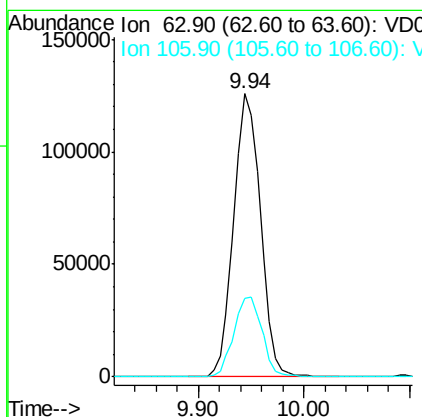
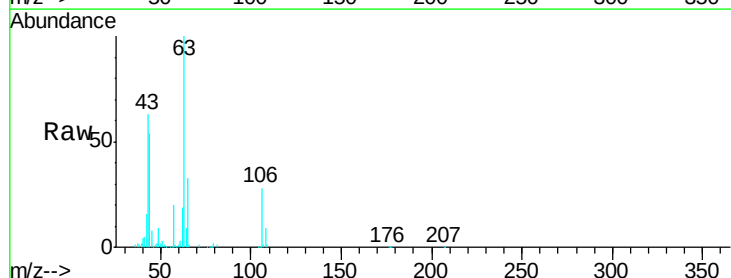
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBSD01

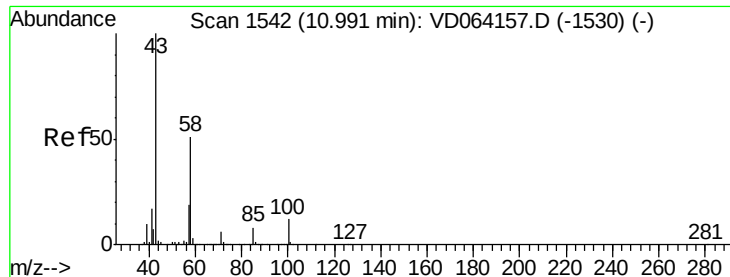
Tgt Ion: 76 Resp: 136602
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.200 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion: 63 Resp: 220989
 Ion Ratio Lower Upper
 63 100
 106 29.9 24.1 36.1

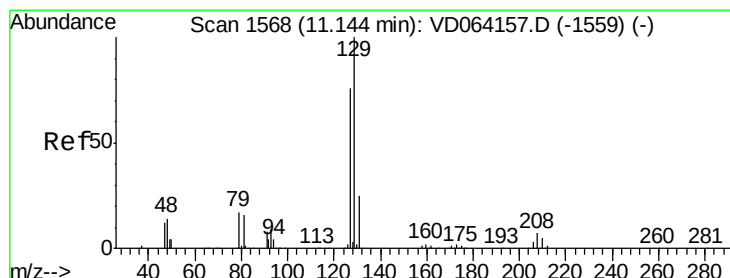
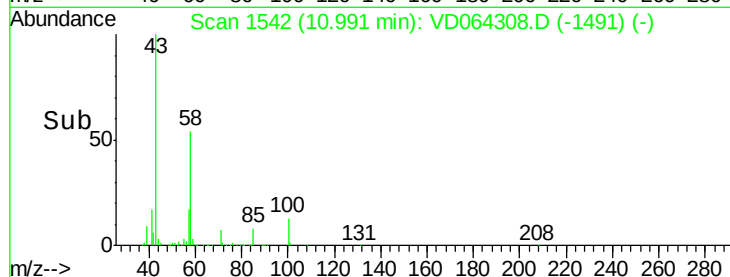
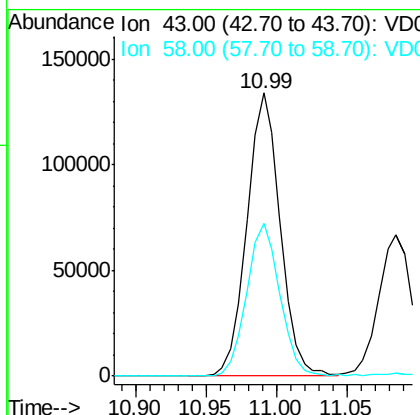
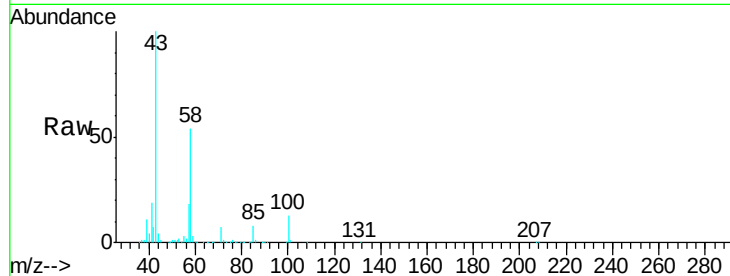




#59
2-Hexanone
Concen: 96.618 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

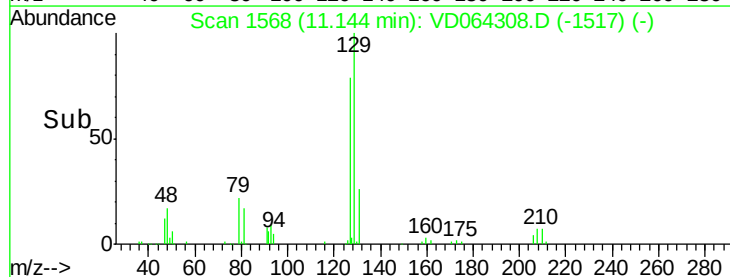
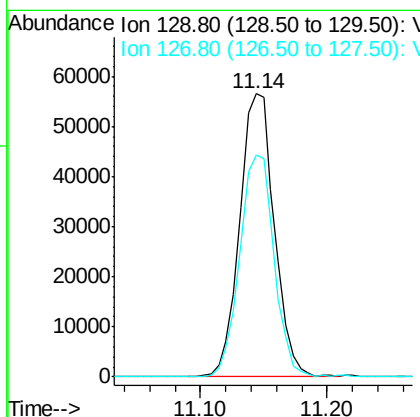
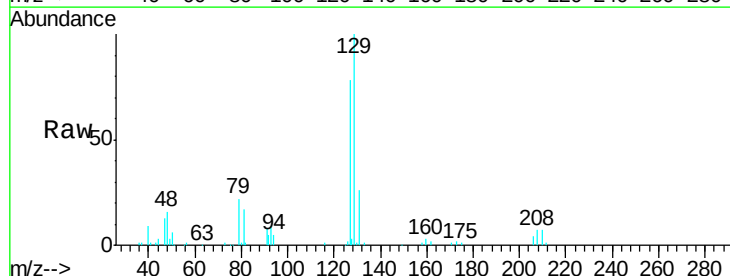
Instrument :
MSVOA_D
ClientSampleId :
VD1120SBSD01

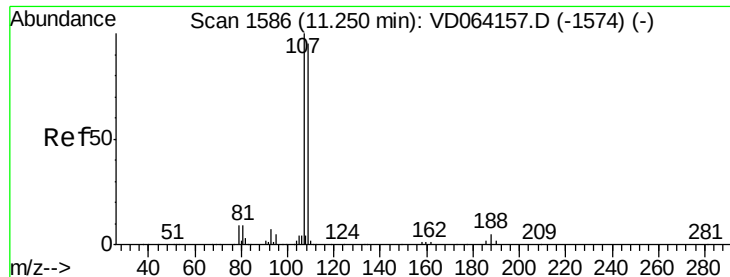
Tgt Ion: 43 Resp: 219712
Ion Ratio Lower Upper
43 100
58 54.8 25.9 77.7



#60
Dibromochloromethane
Concen: 20.773 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion: 129 Resp: 107455
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.143 ug/l

RT: 11.26 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

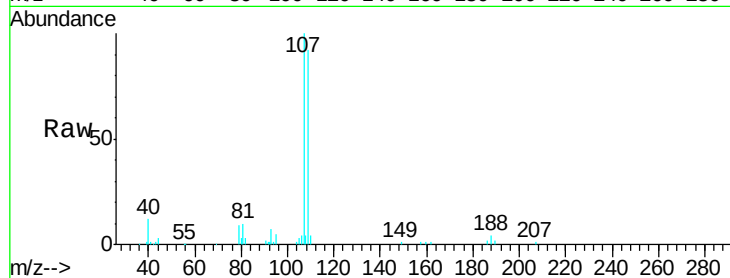
VD1120SBSD01

Tgt Ion: 107 Resp: 78507

Ion Ratio Lower Upper

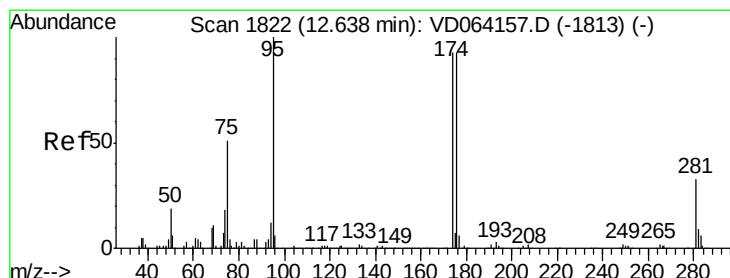
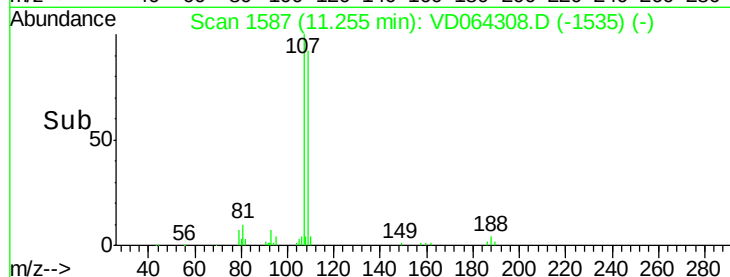
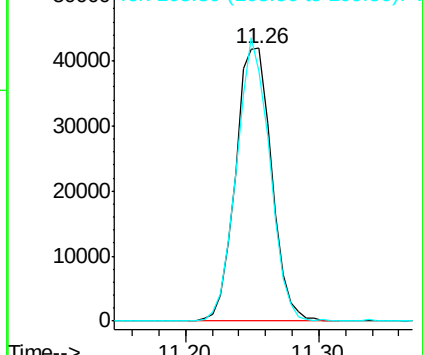
107 100

109 95.3 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: 45.902 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

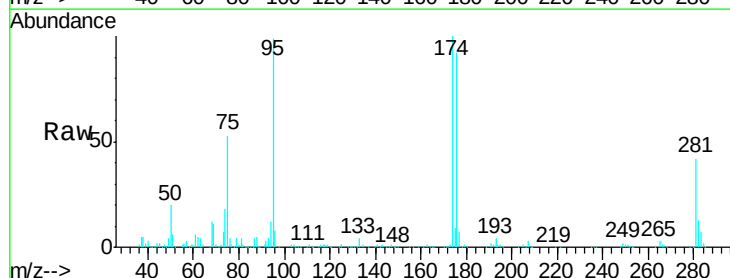
Tgt Ion: 95 Resp: 286205

Ion Ratio Lower Upper

95 100

174 98.3 0.0 183.6

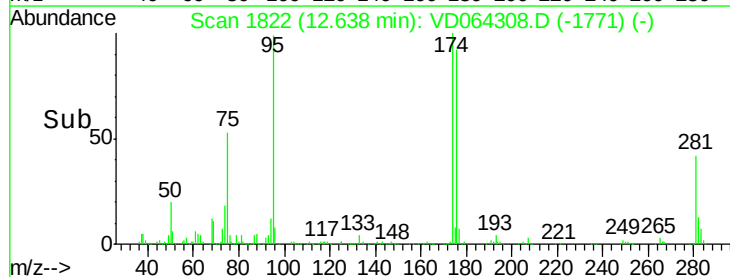
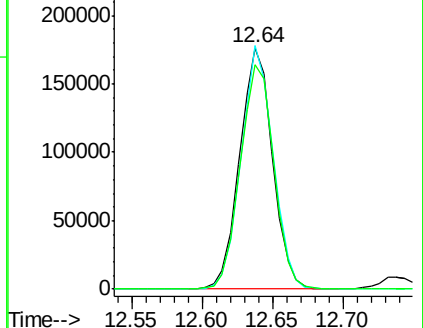
176 95.5 0.0 180.2

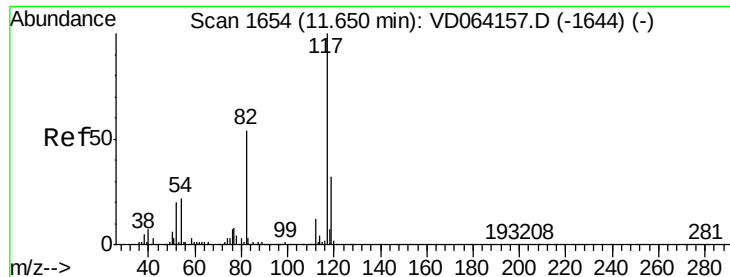


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

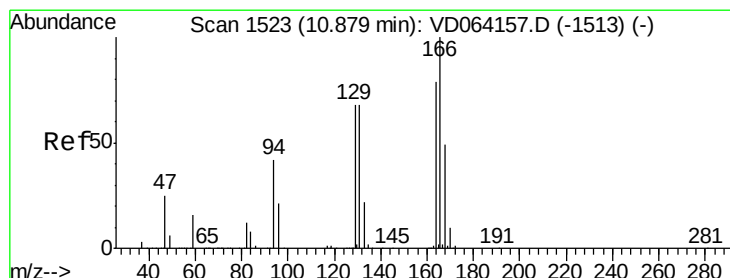
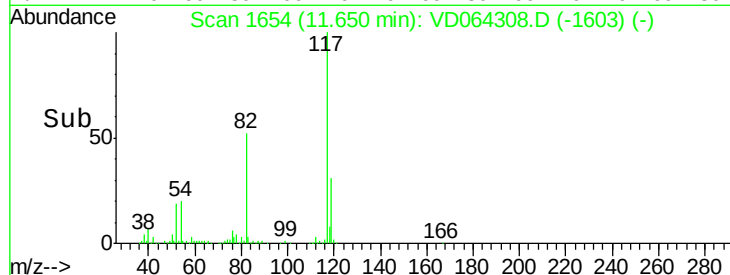
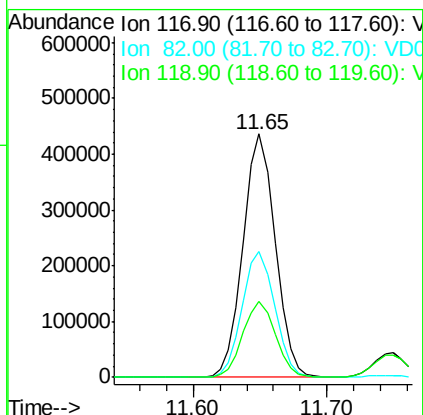
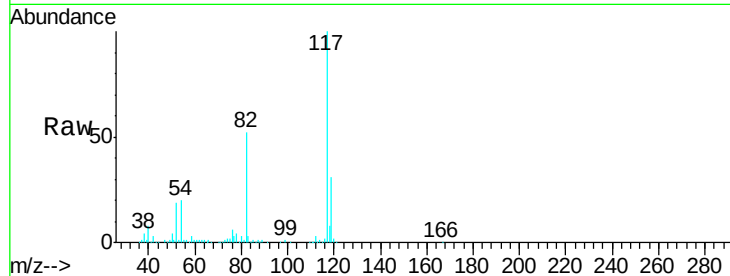




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

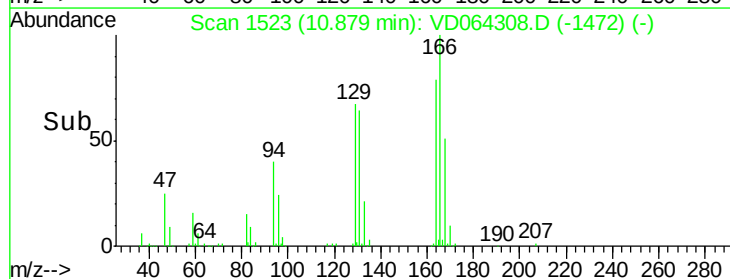
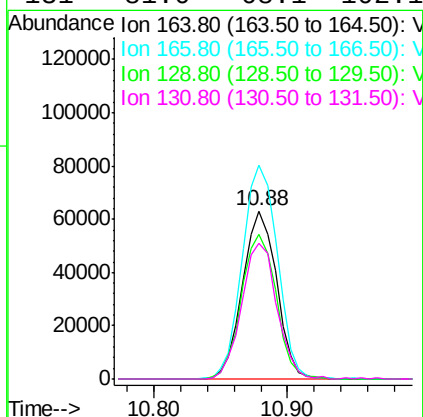
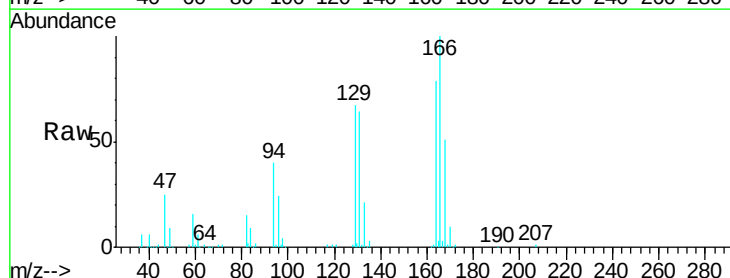
Instrument :
MSVOA_D
ClientSampleId :
VD1120SBSD01

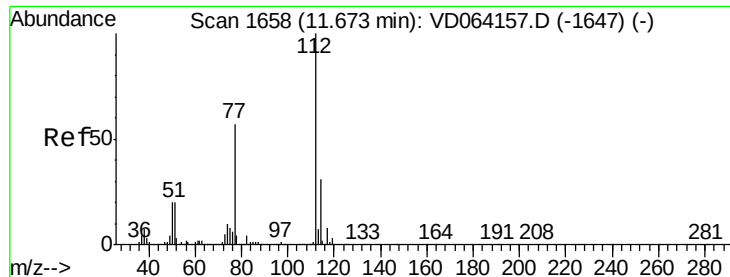
Tgt Ion:117 Resp: 730170
Ion Ratio Lower Upper
117 100
82 51.8 42.8 64.2
119 31.4 25.6 38.4



#64
Tetrachloroethene
Concen: 19.852 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion:164 Resp: 111482
Ion Ratio Lower Upper
164 100
166 127.0 100.8 151.2
129 85.7 68.7 103.1
131 81.0 68.1 102.1

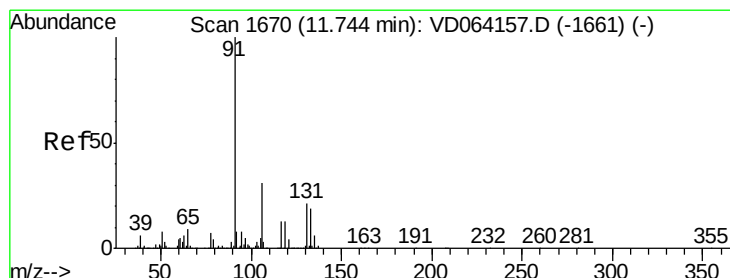
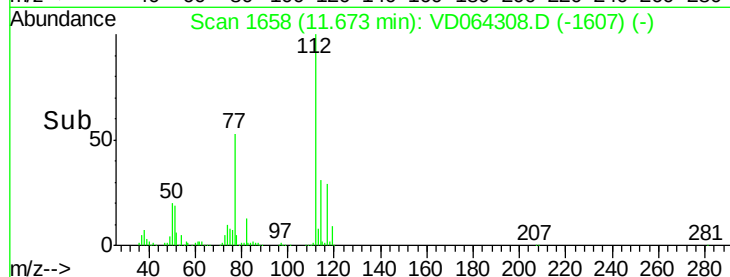
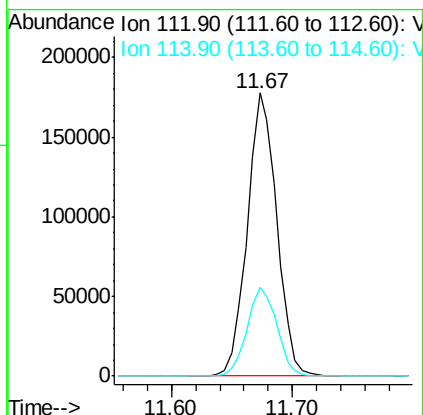
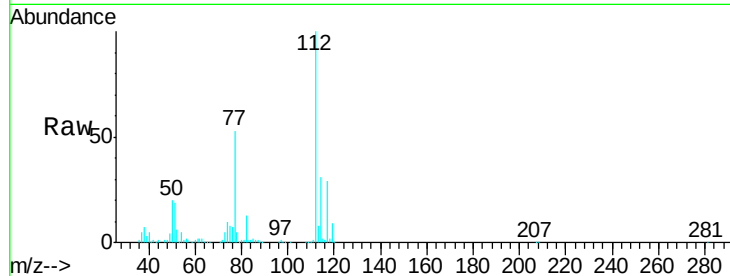




#65
Chlorobenzene
Concen: 20.374 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

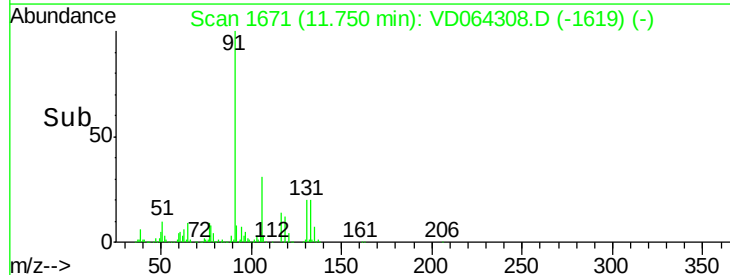
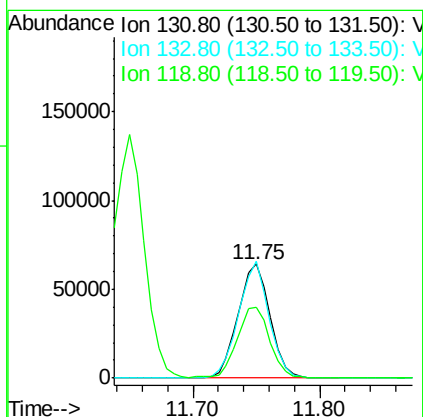
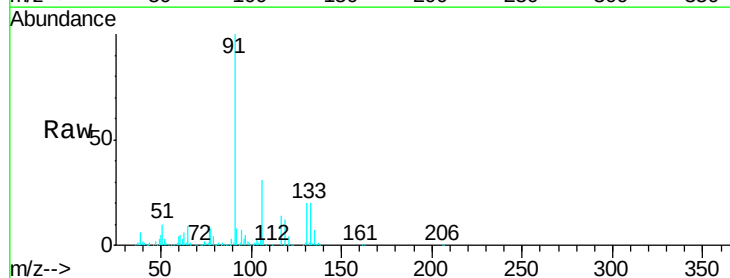
Instrument :
MSVOA_D
ClientSampleId :
VD1120SBSD01

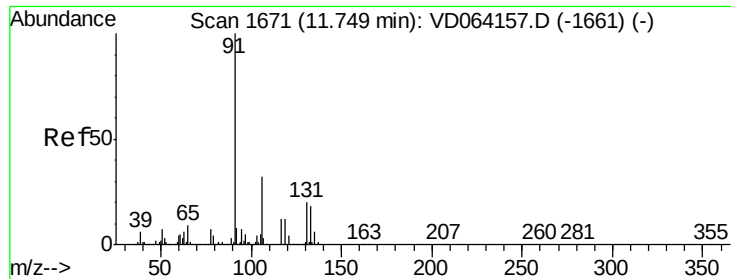
Tgt Ion:112 Resp: 302515
Ion Ratio Lower Upper
112 100
114 31.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.795 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion:131 Resp: 111758
Ion Ratio Lower Upper
131 100
133 97.7 47.3 141.9
119 63.5 31.1 93.3

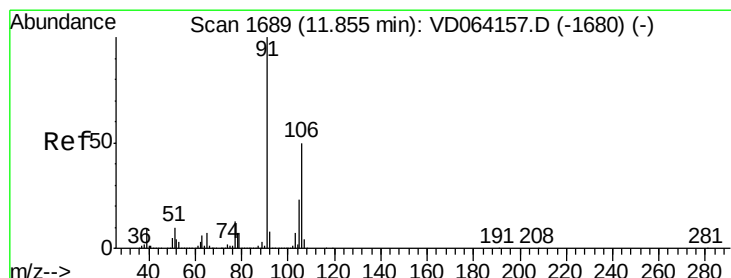
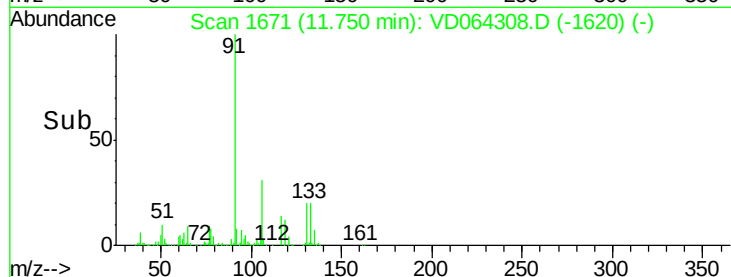
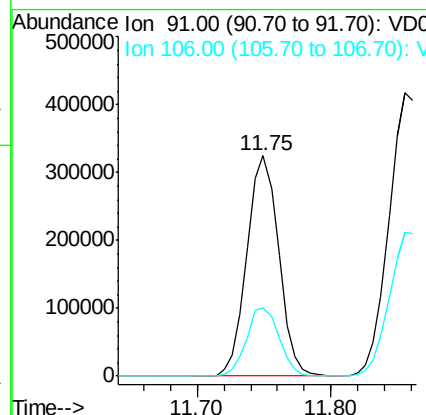
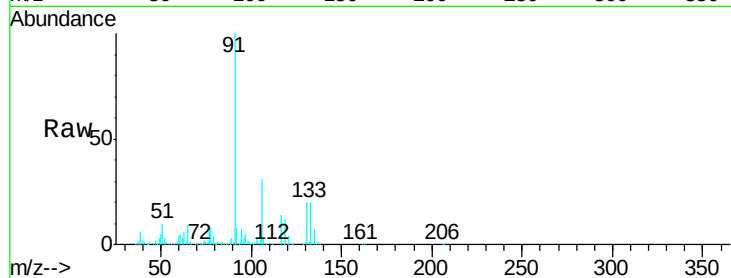




#67
Ethyl Benzene
Concen: 19.930 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

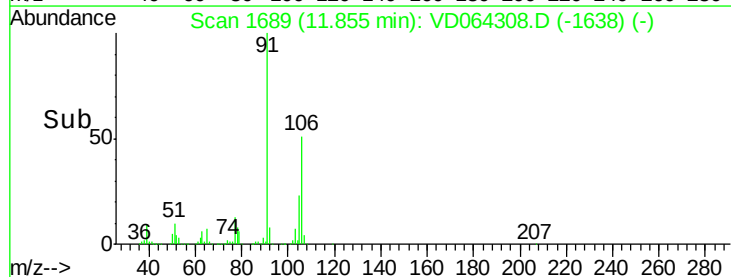
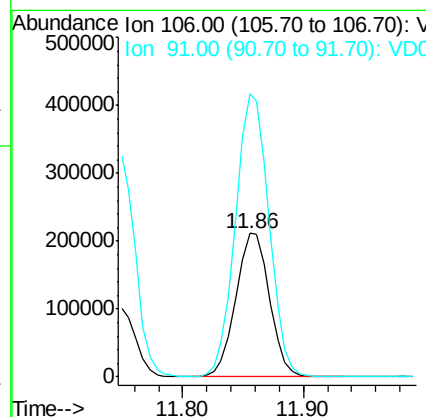
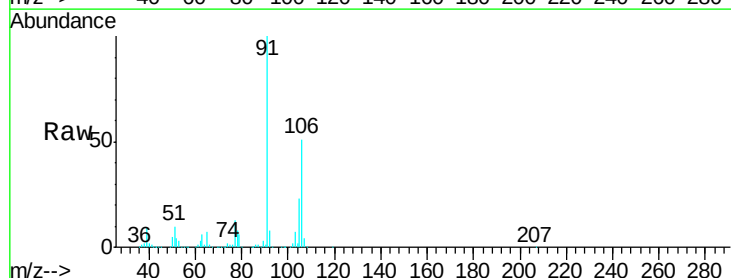
Instrument :
MSVOA_D
ClientSampleId :
VD1120SBSD01

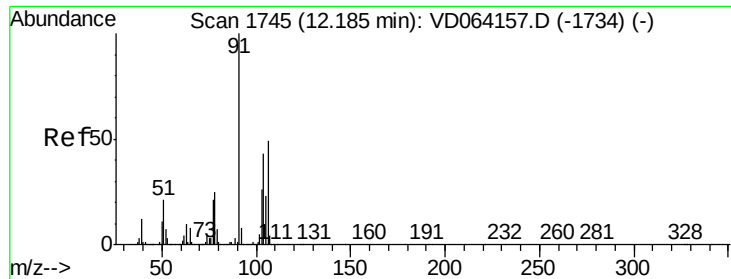
Tgt Ion: 91 Resp: 535278
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3



#68
m/p-Xylenes
Concen: 40.036 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion: 106 Resp: 412150
Ion Ratio Lower Upper
106 100
91 196.2 160.3 240.5

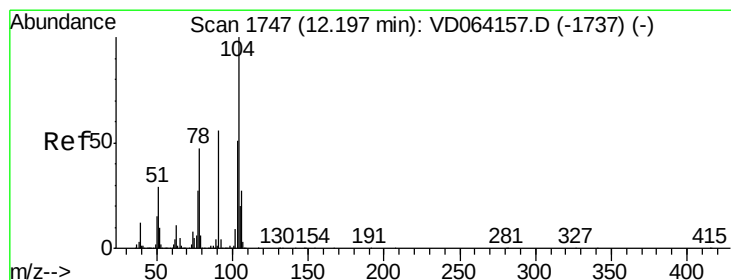
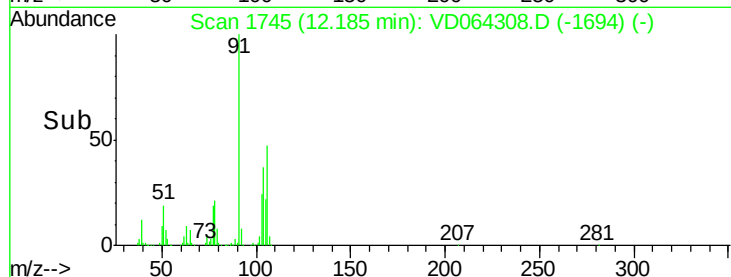
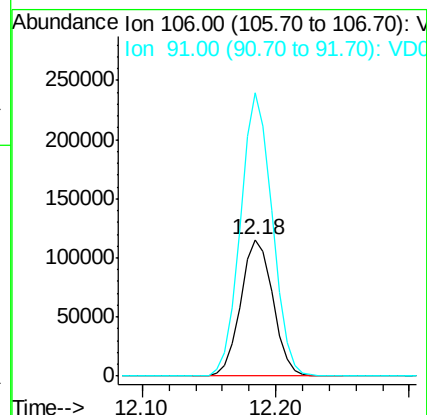
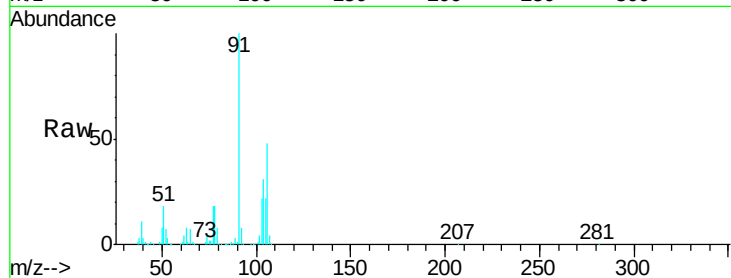




#69
o-Xylene
Concen: 20.194 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

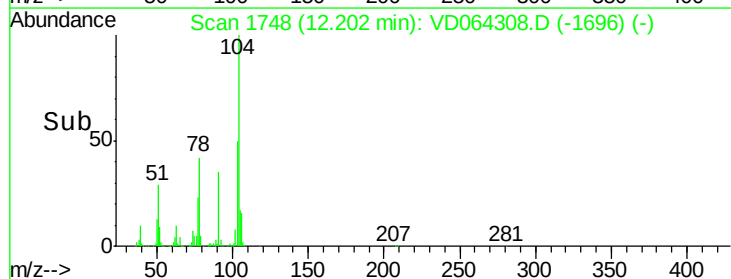
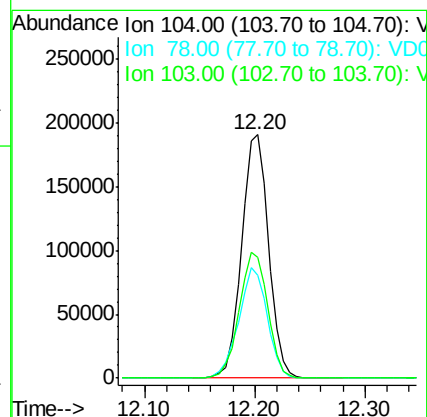
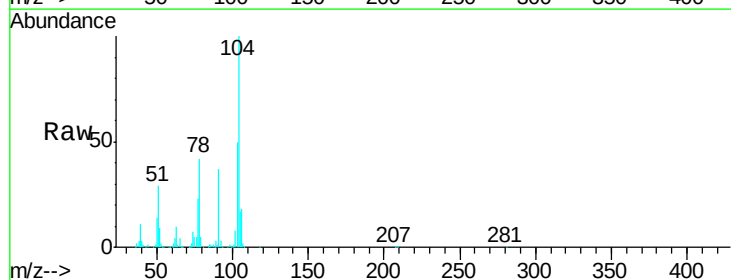
Instrument :
MSVOA_D
ClientSampleId :
VD1120SBSD01

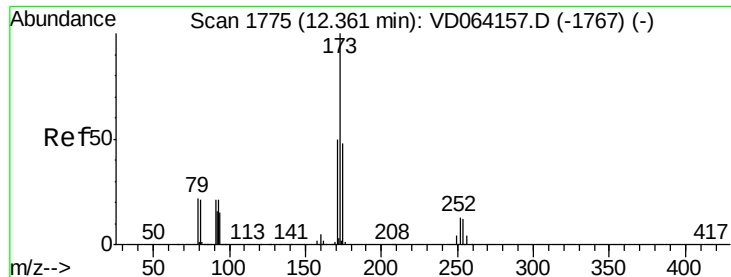
Tgt Ion:106 Resp: 192808
Ion Ratio Lower Upper
106 100
91 204.3 105.1 315.3



#70
Styrene
Concen: 19.652 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion:104 Resp: 327516
Ion Ratio Lower Upper
104 100
78 48.3 39.9 59.9
103 54.7 43.4 65.0





#71

Bromoform

Concen: 20.891 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD1120SBSD01

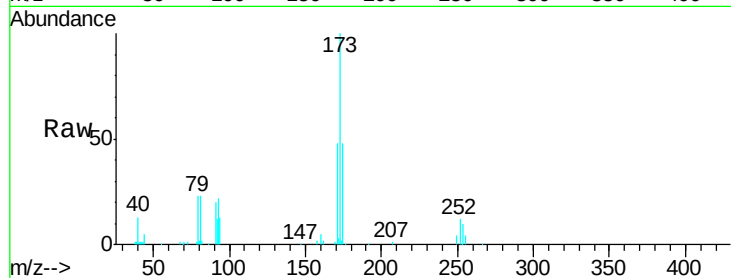
Tgt Ion:173 Resp: 67125

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.3

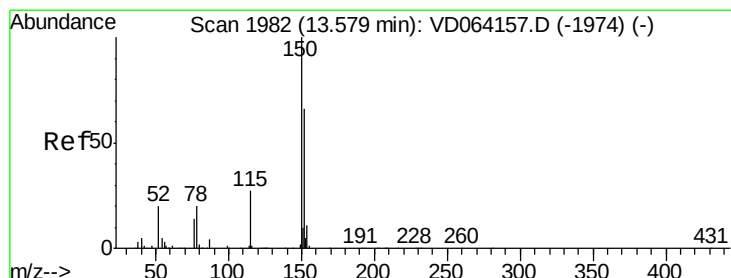
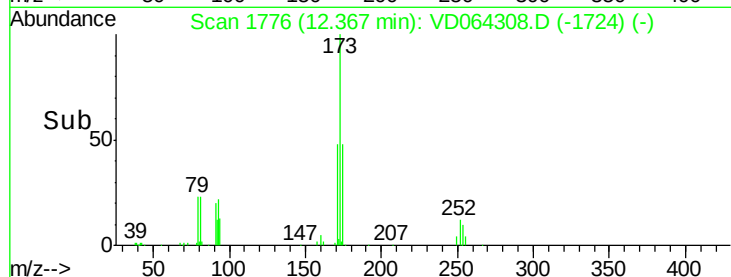
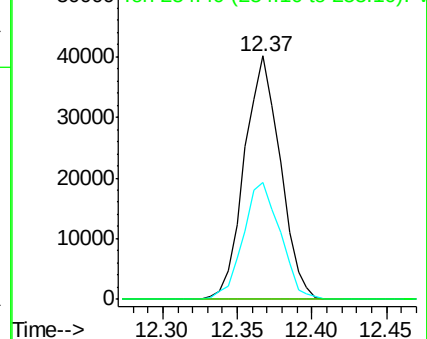
254 0.0 0.2 0.2#



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# 1983

Delta R.T. 0.01 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

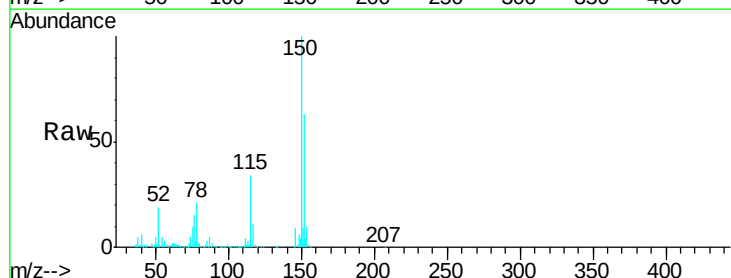
Tgt Ion:152 Resp: 355150

Ion Ratio Lower Upper

152 100

115 54.0 27.4 82.2

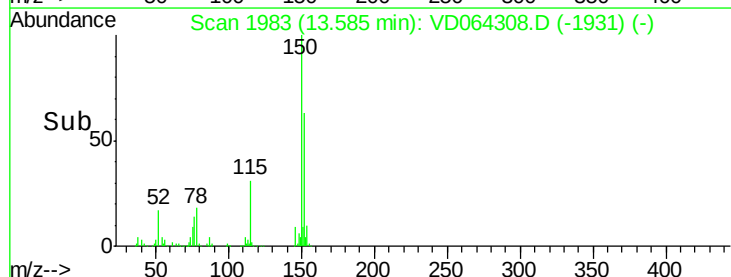
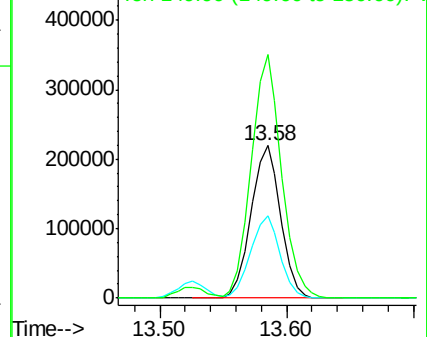
150 163.7 0.0 351.6

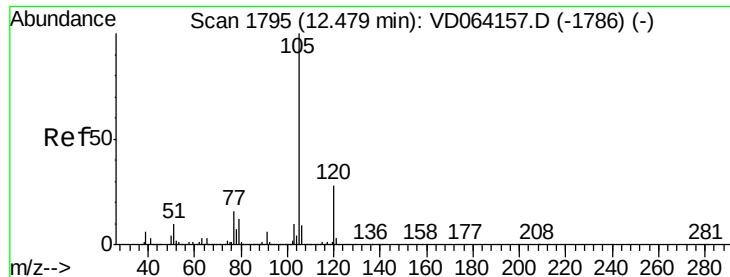


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.228 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

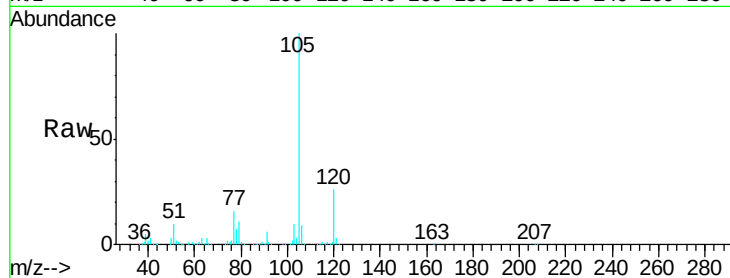
VD1120SBSD01

Tgt Ion:105 Resp: 527315

Ion Ratio Lower Upper

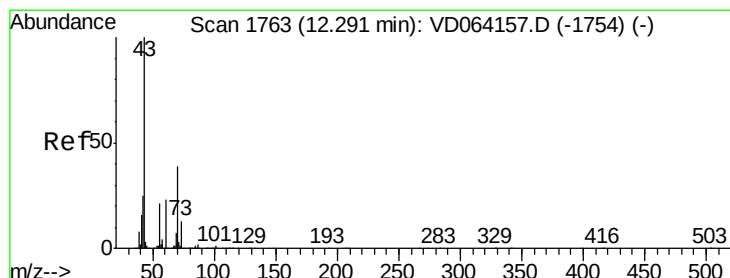
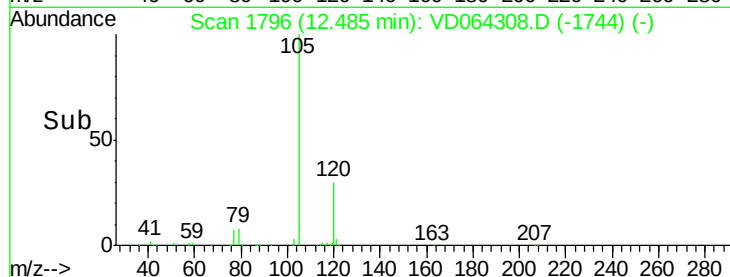
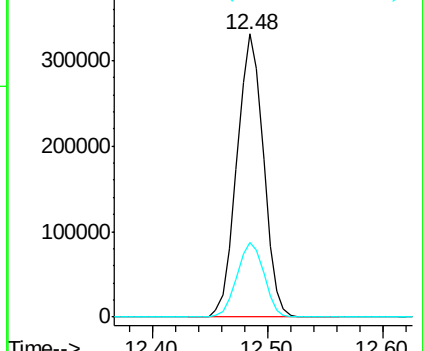
105 100

120 26.9 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.808 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Tgt Ion: 43 Resp: 115782

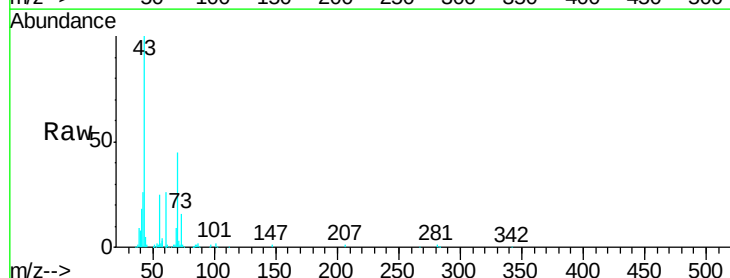
Ion Ratio Lower Upper

43 100

70 42.1 32.4 48.6

55 23.7 17.9 26.9

61 24.3 19.0 28.4

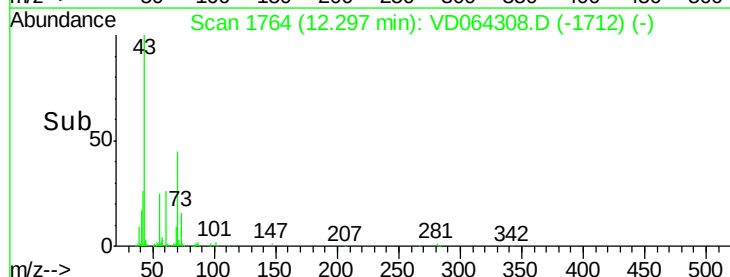
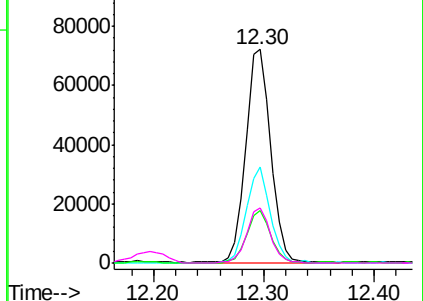


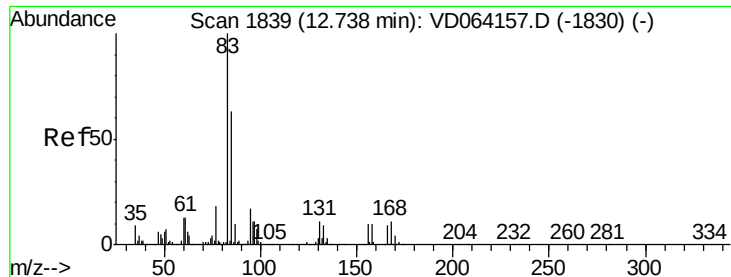
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.494 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD1120SBSD01

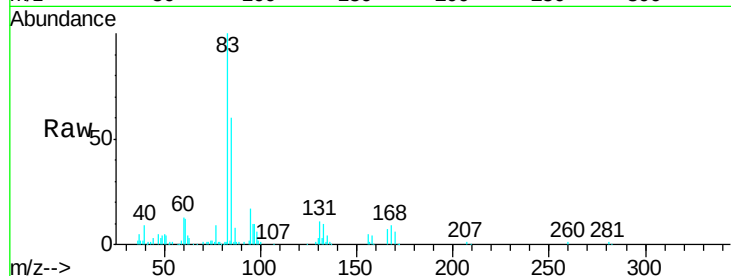
Tgt Ion: 83 Resp: 84427

Ion Ratio Lower Upper

83 100

131 11.5 5.9 17.7

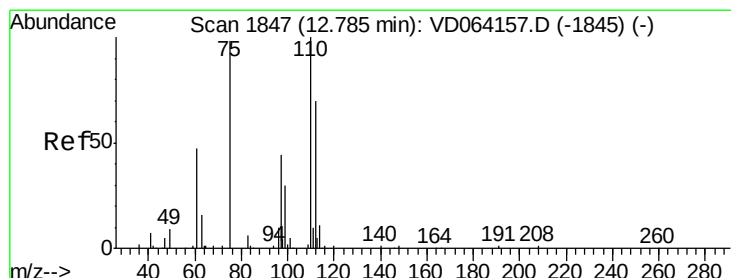
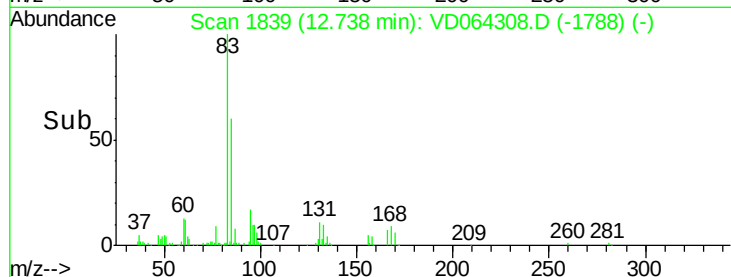
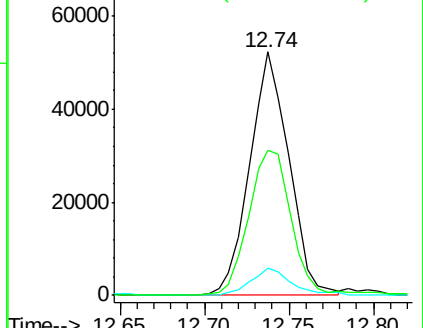
85 66.3 32.5 97.5



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: 40.066 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD064308.D

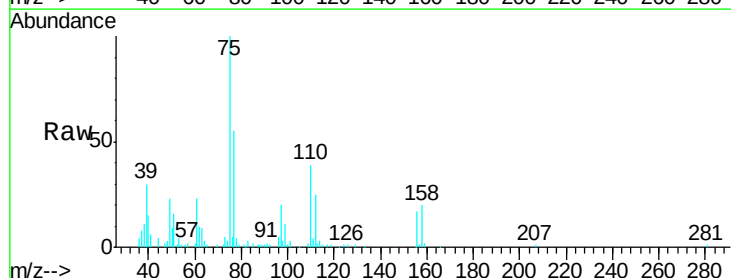
Acq: 20 Nov 2019 12:41

Tgt Ion: 75 Resp: 114615

Ion Ratio Lower Upper

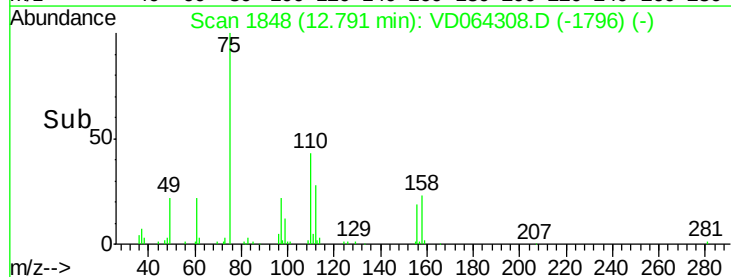
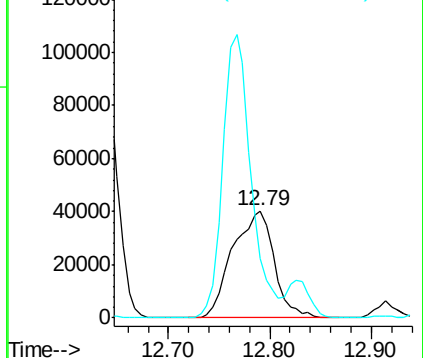
75 100

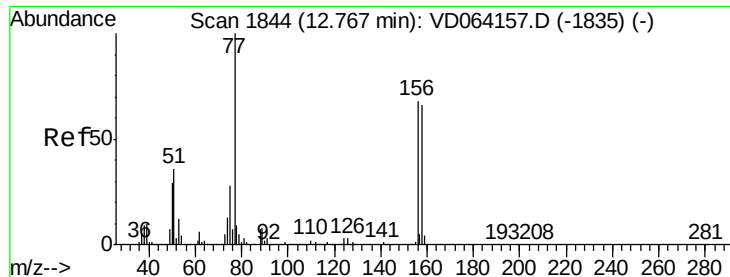
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.253 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD1120SBSD01

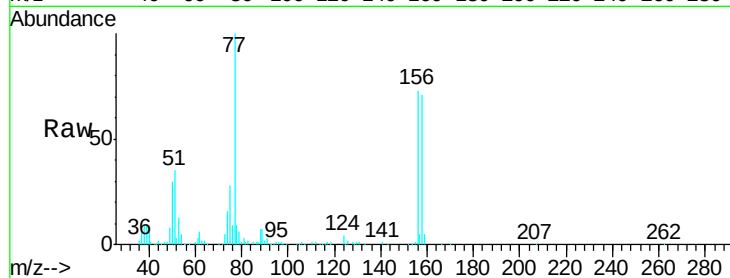
Tgt Ion:156 Resp: 128265

Ion Ratio Lower Upper

156 100

77 160.6 81.2 243.4

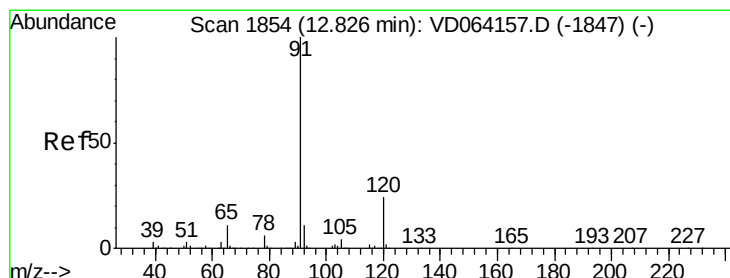
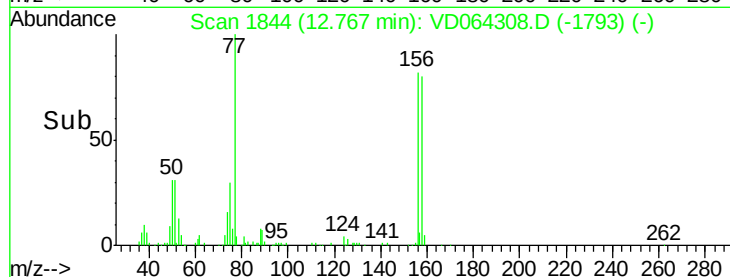
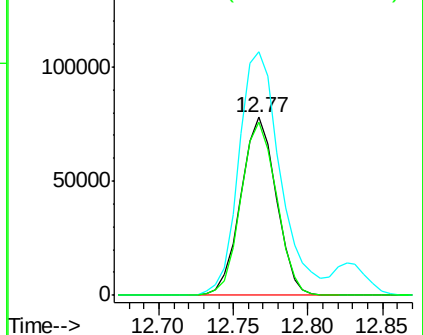
158 98.2 48.4 145.2



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: 19.903 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064308.D

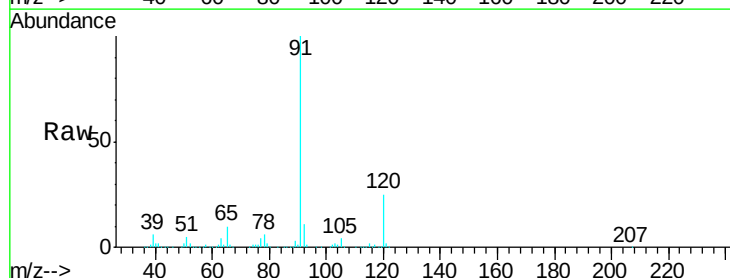
Acq: 20 Nov 2019 12:41

Tgt Ion: 91 Resp: 592776

Ion Ratio Lower Upper

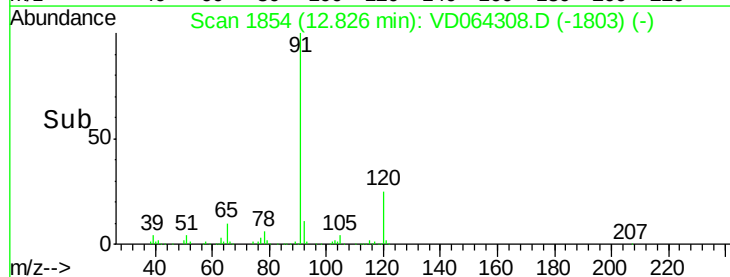
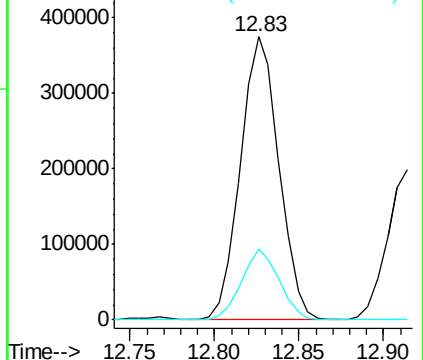
91 100

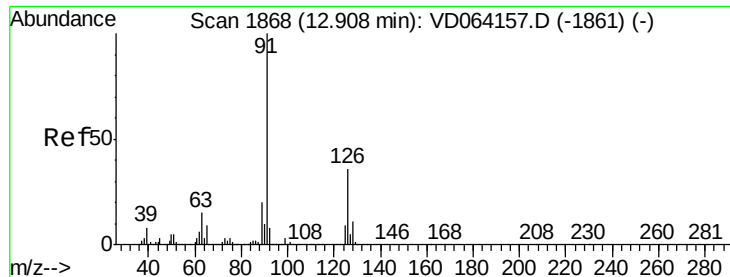
120 24.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.517 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

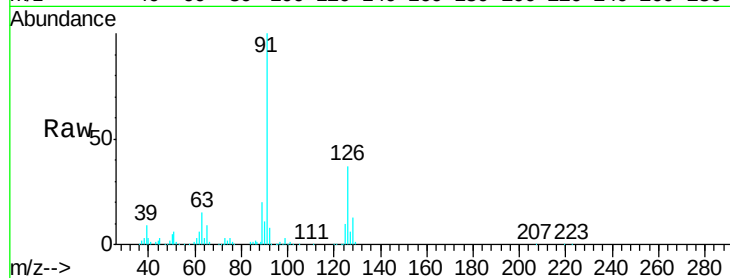
VD1120SBS01

Tgt Ion: 91 Resp: 328171

Ion Ratio Lower Upper

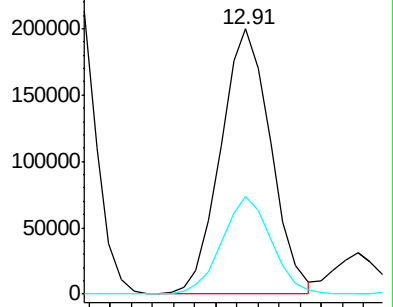
91 100

126 36.5 17.7 53.1

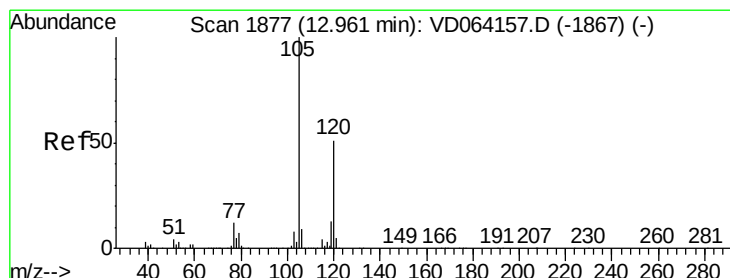
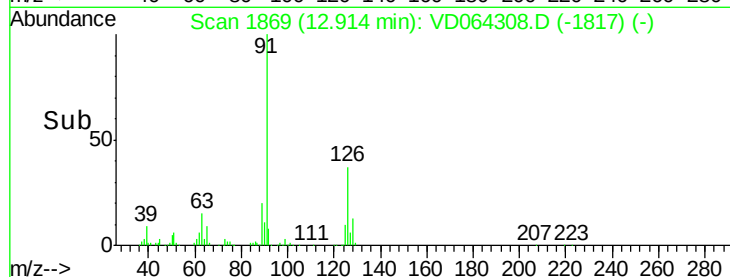


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.557 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD064308.D

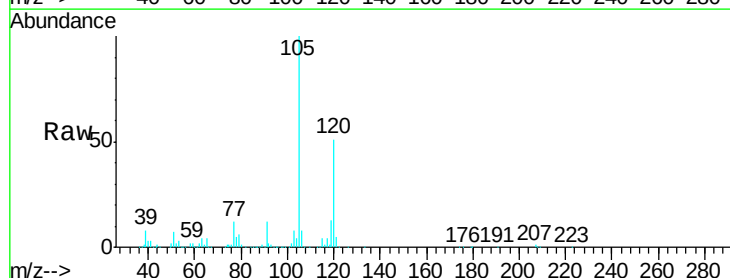
Acq: 20 Nov 2019 12:41

Tgt Ion: 105 Resp: 418921

Ion Ratio Lower Upper

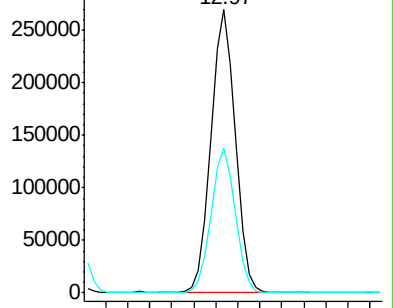
105 100

120 50.9 25.4 76.4

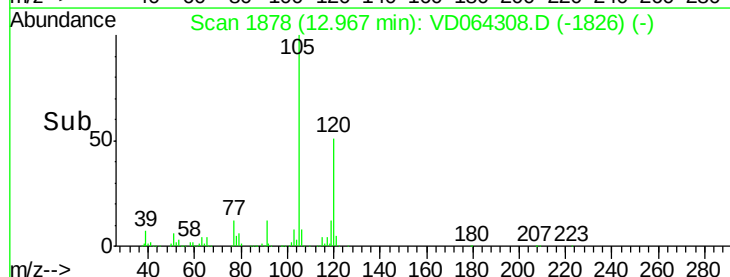


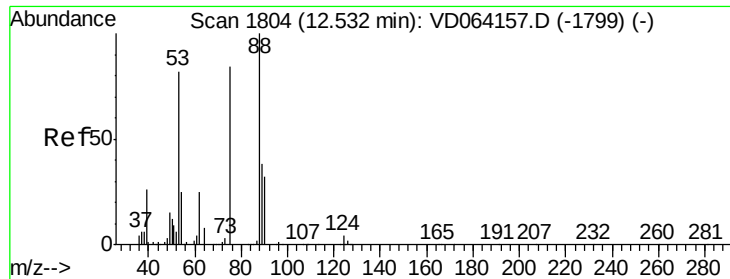
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

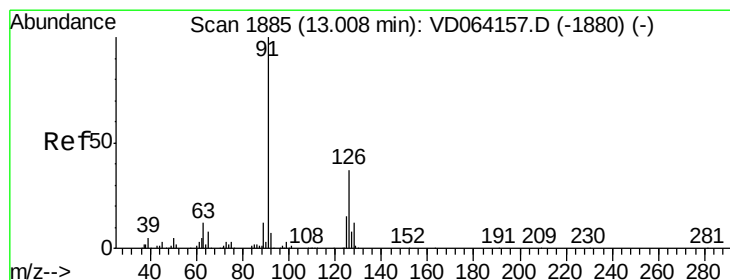
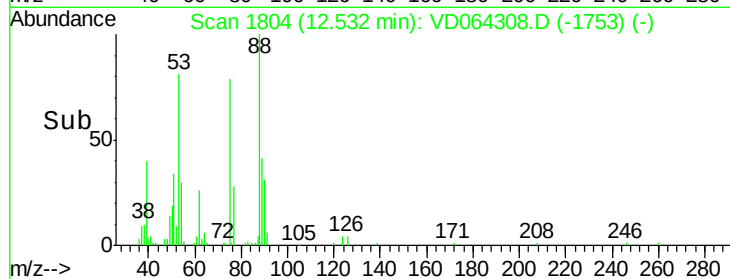
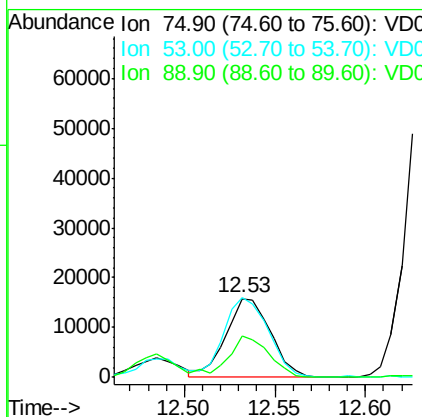
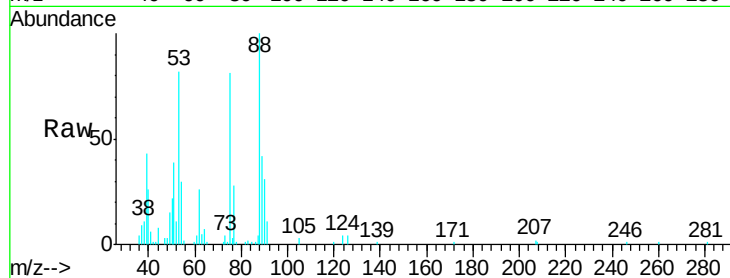




#81
trans-1,4-Dichloro-2-butene
Concen: 18.892 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

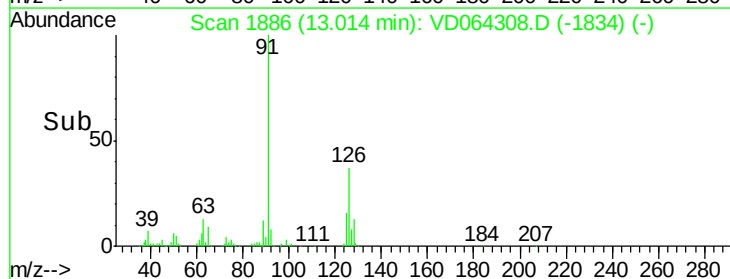
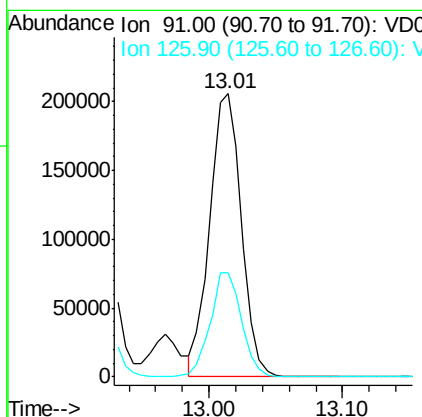
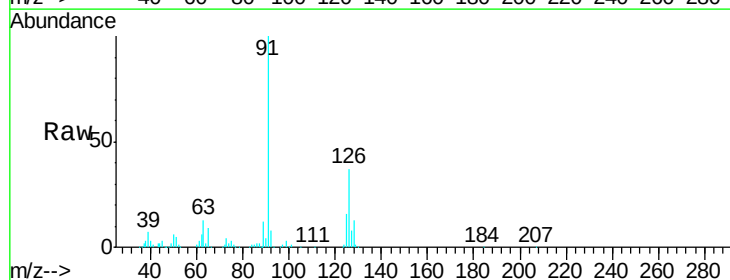
Instrument :
MSVOA_D
ClientSampleId :
VD1120SBS01

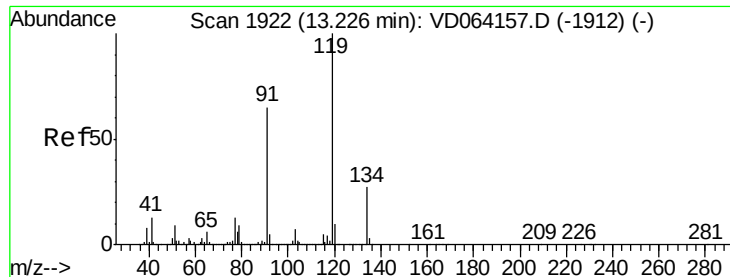
Tgt Ion: 75 Resp: 27207
Ion Ratio Lower Upper
75 100
53 99.5 79.4 119.0
89 44.9 36.6 55.0



#82
4-Chlorotoluene
Concen: 19.520 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion: 91 Resp: 342339
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.4

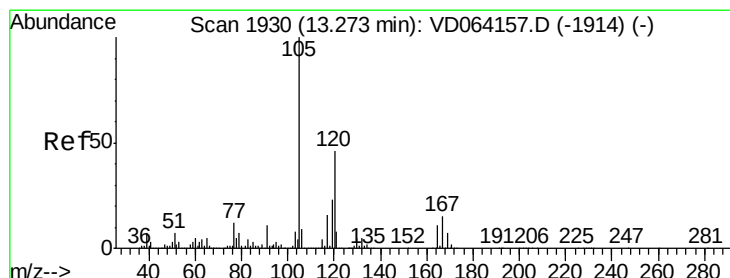
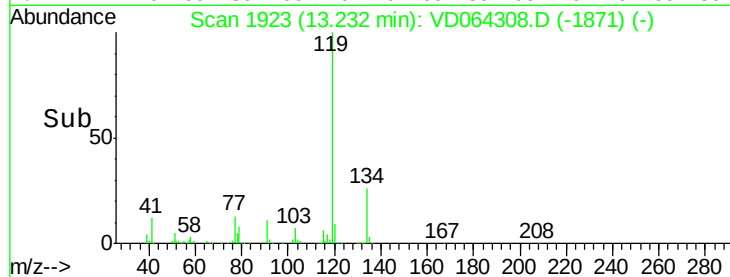
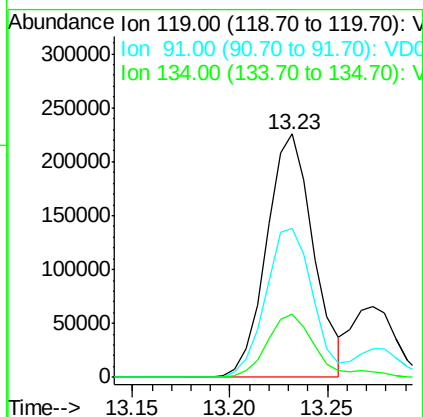
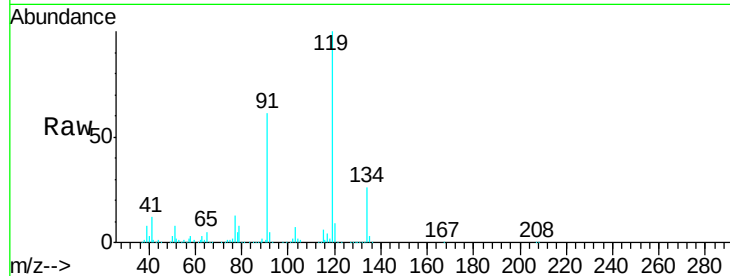




#83
 tert-Butylbenzene
 Concen: 19.877 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

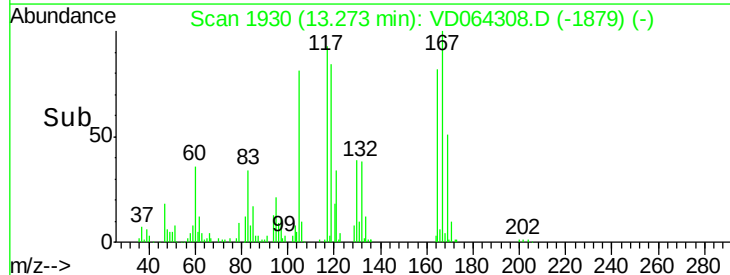
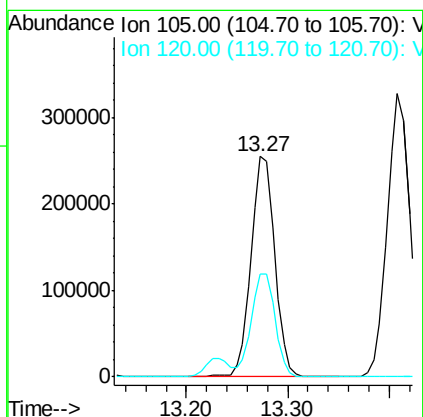
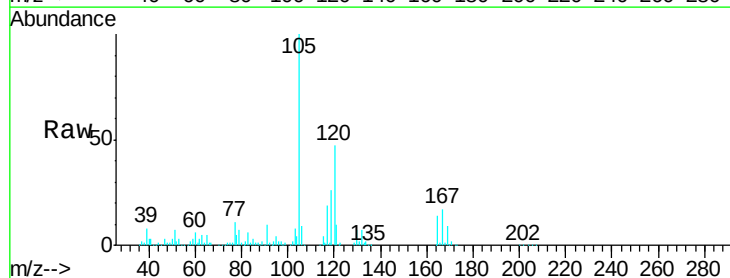
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBS01

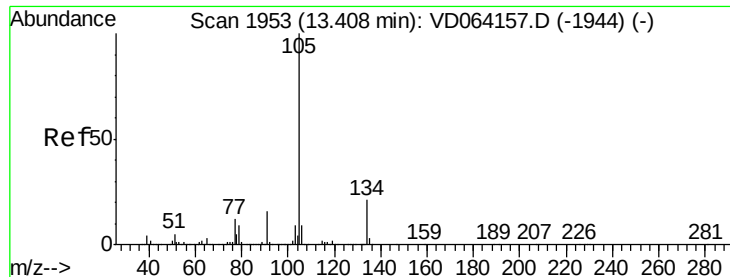
Tgt Ion:119 Resp: 375439
 Ion Ratio Lower Upper
 119 100
 91 61.3 31.8 95.4
 134 27.6 13.7 41.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.721 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion:105 Resp: 417045
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.047 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

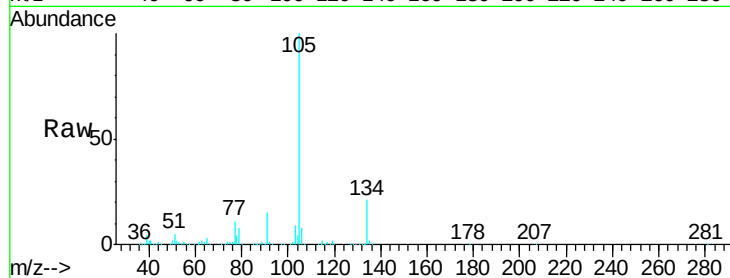
VD1120SBSD01

Tgt Ion:105 Resp: 508542

Ion Ratio Lower Upper

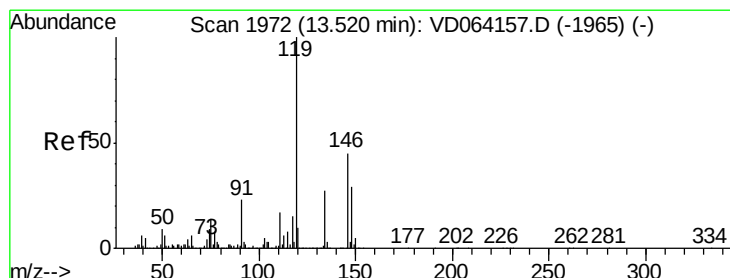
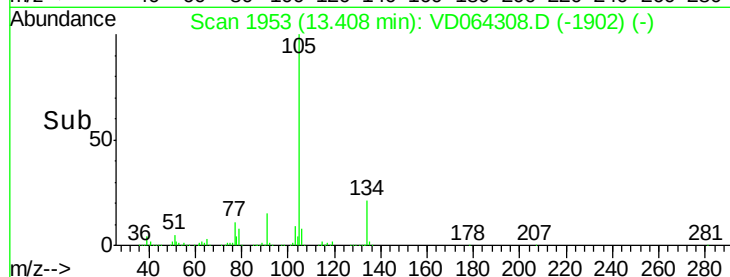
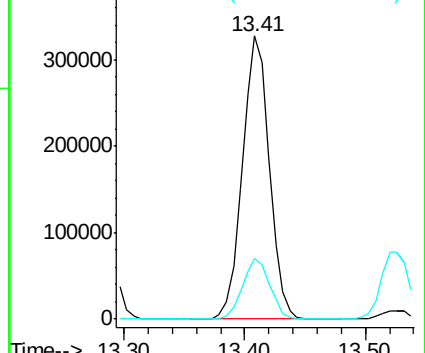
105 100

134 21.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.589 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

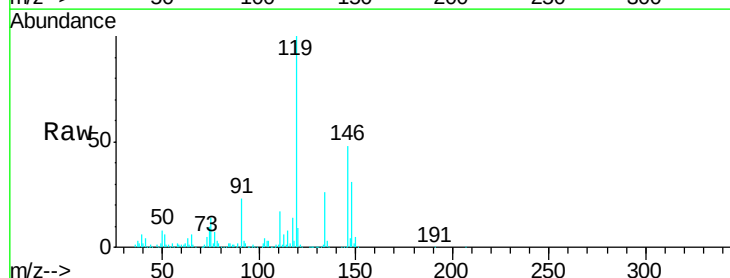
Tgt Ion:119 Resp: 472420

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

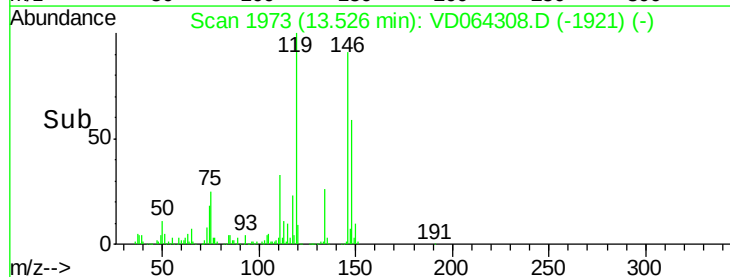
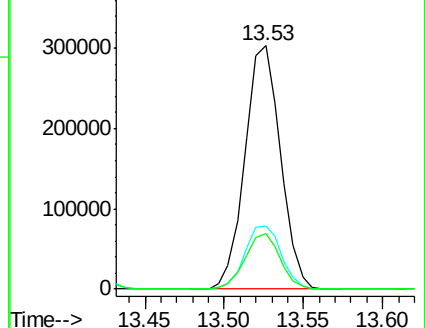
91 22.4 11.5 34.4

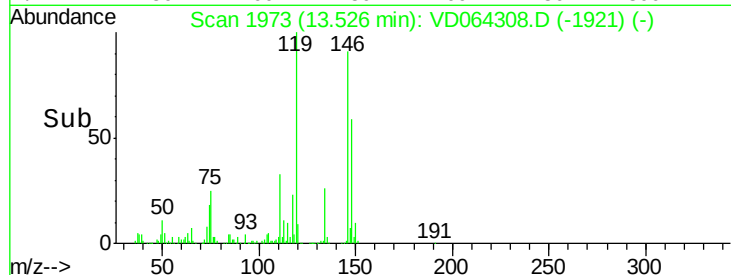
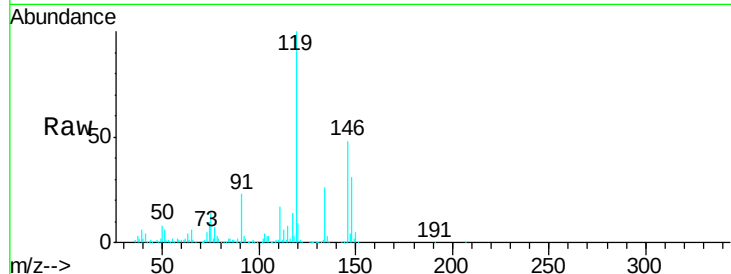
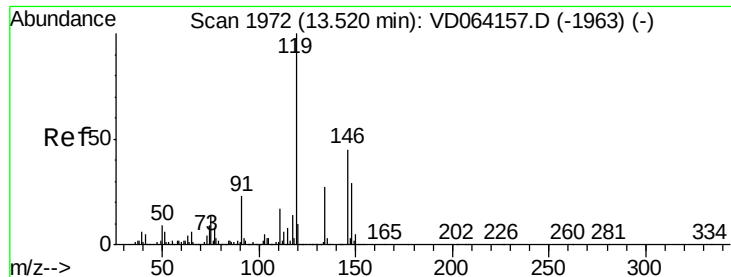


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

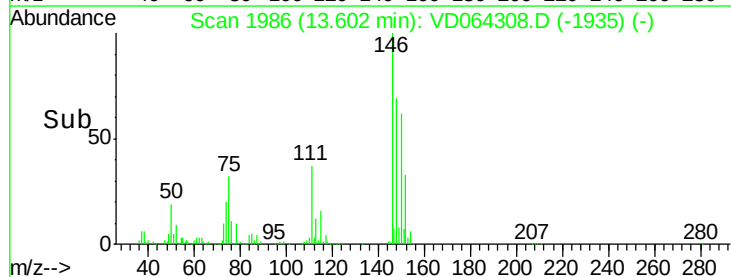
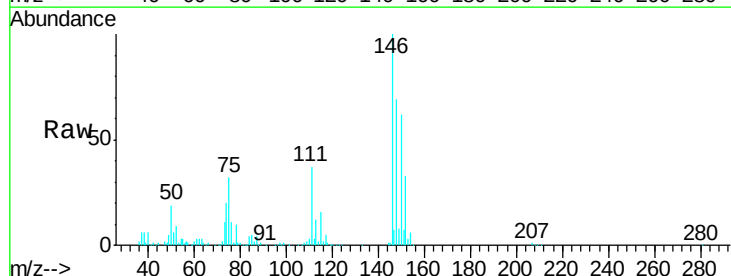
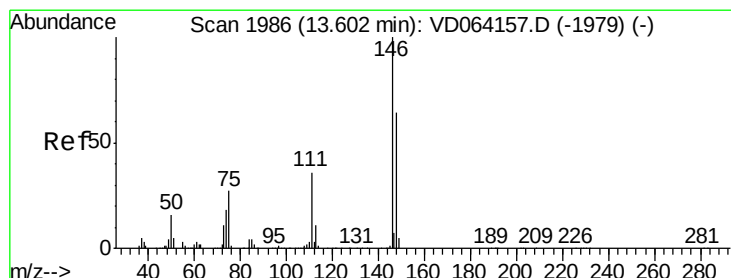
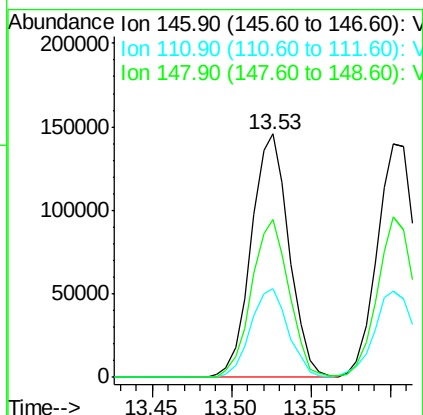




#87
 1,3-Dichlorobenzene
 Concen: 20.484 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

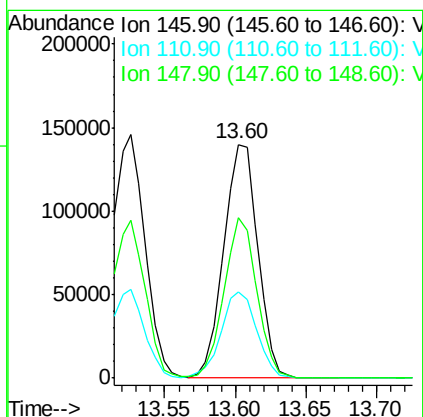
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBSD01

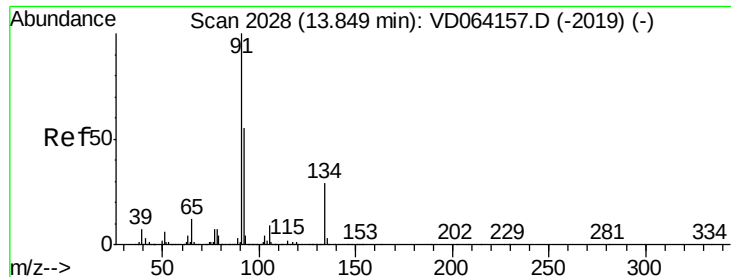
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.9	56.9
148	64.3	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.460 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.1	54.4
148	66.3	31.9	95.7

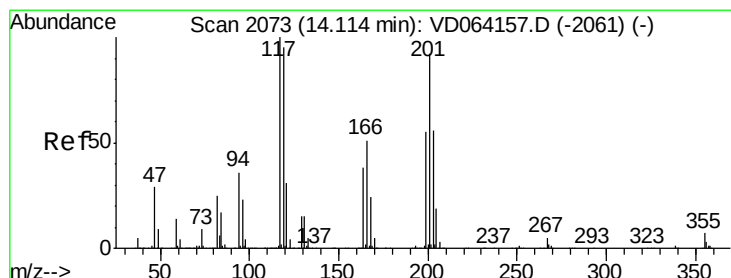
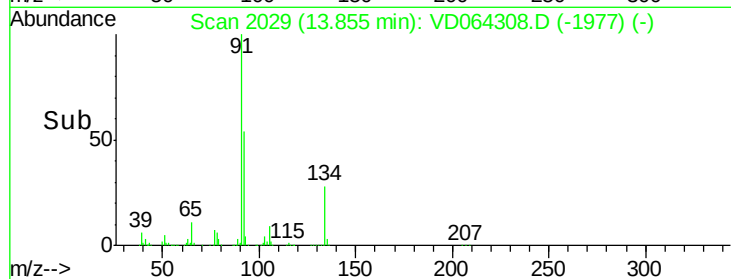
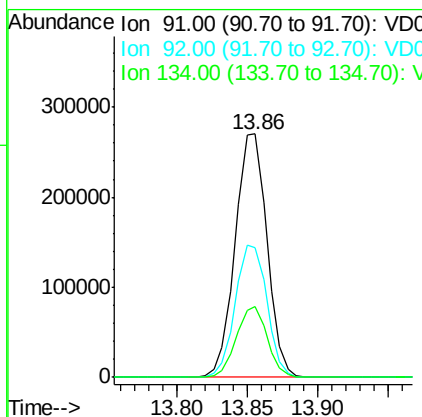
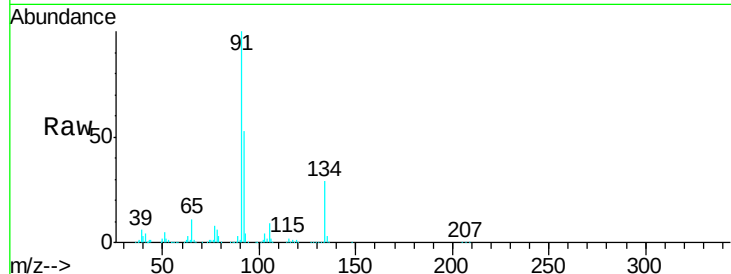




#89
n-Butylbenzene
Concen: 19.582 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

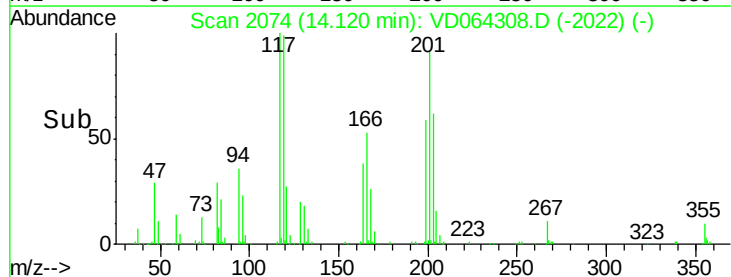
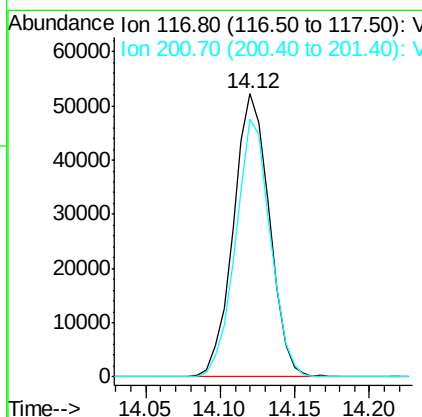
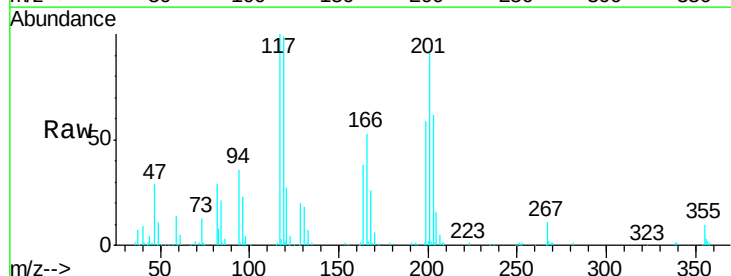
Instrument :
MSVOA_D
ClientSampleId :
VD1120SBSD01

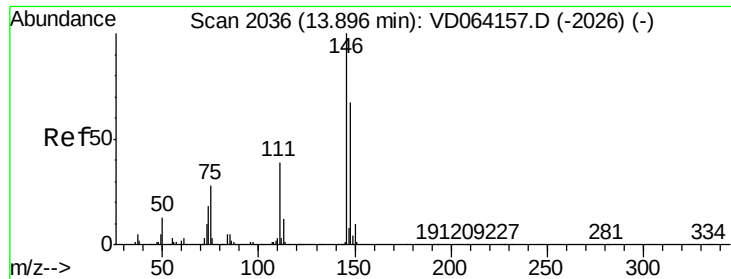
Tgt Ion: 91 Resp: 426654
Ion Ratio Lower Upper
91 100
92 54.3 27.3 81.8
134 28.1 14.1 42.4



#90
Hexachloroethane
Concen: 19.620 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD064308.D
Acq: 20 Nov 2019 12:41

Tgt Ion: 117 Resp: 87447
Ion Ratio Lower Upper
117 100
201 88.0 45.8 137.4

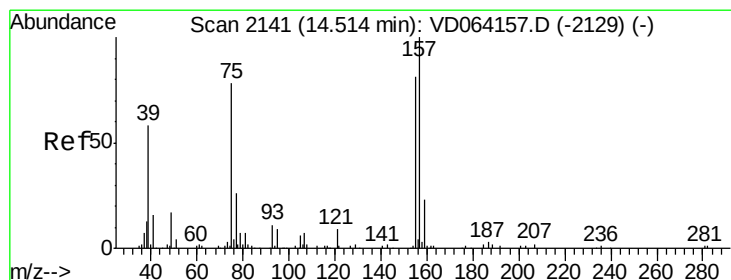
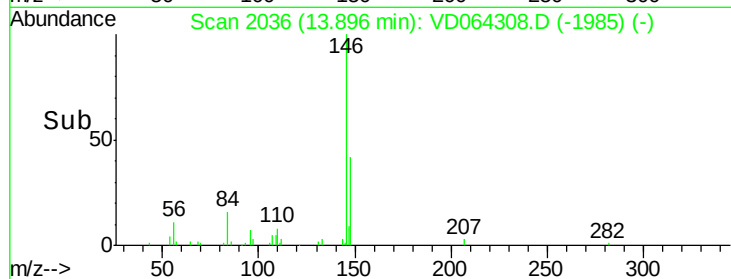
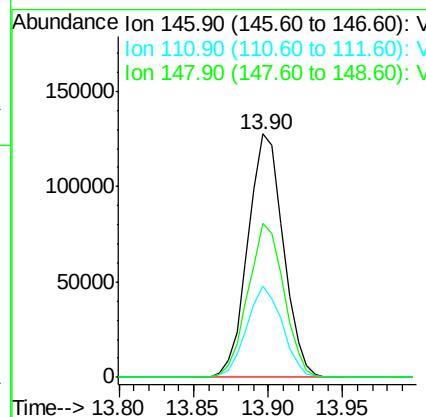
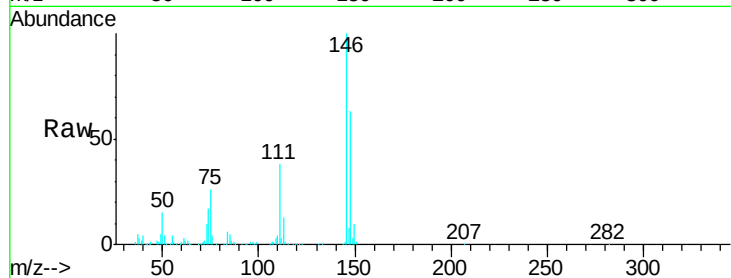




#91
 1,2-Dichlorobenzene
 Concen: 21.026 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

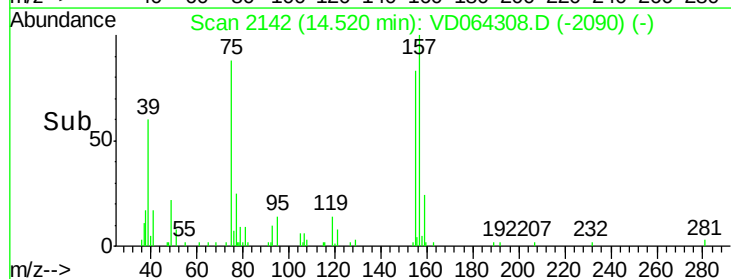
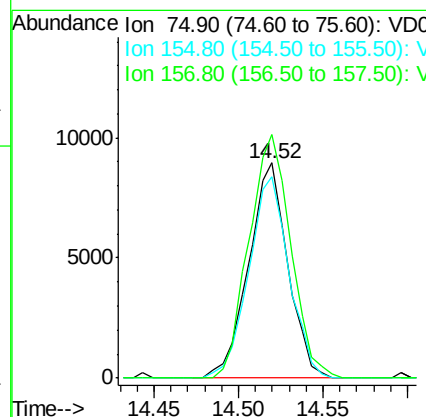
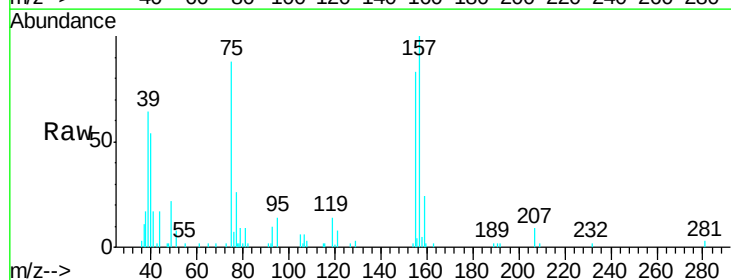
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBSD01

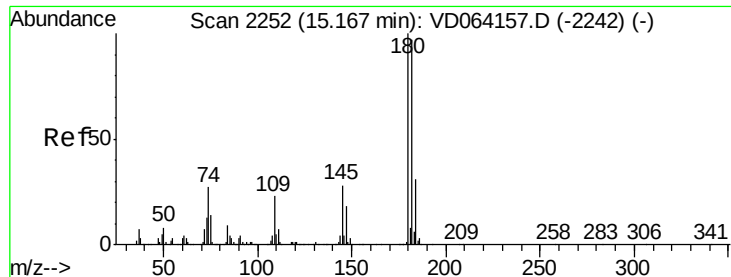
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.7	59.0
148	64.1	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.641 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	48.0	144.0
157	120.5	61.5	184.4

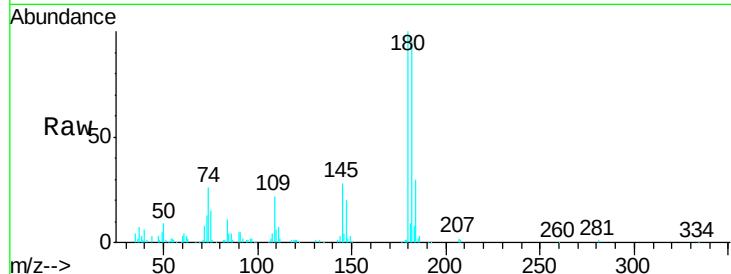




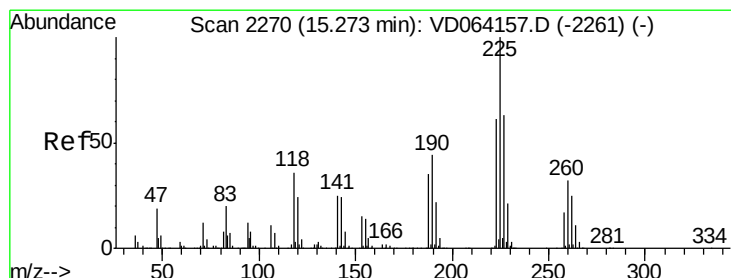
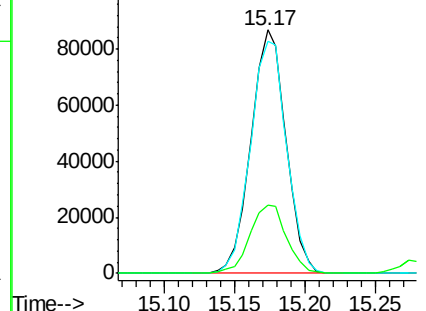
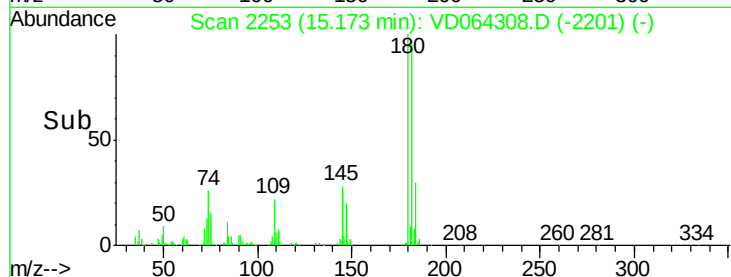
#93
 1,2,4-Trichlorobenzene
 Concen: 19.649 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	47.5	142.5
145	29.2	14.2	42.6

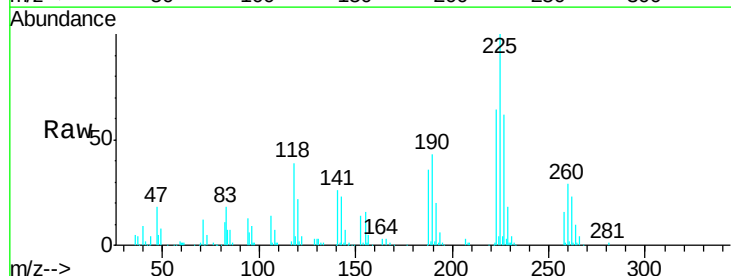


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

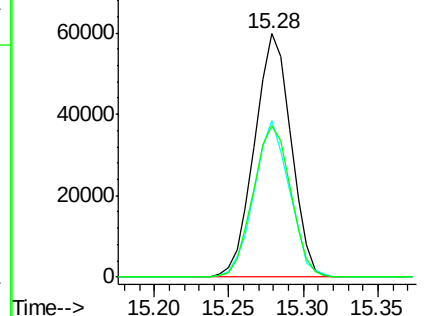
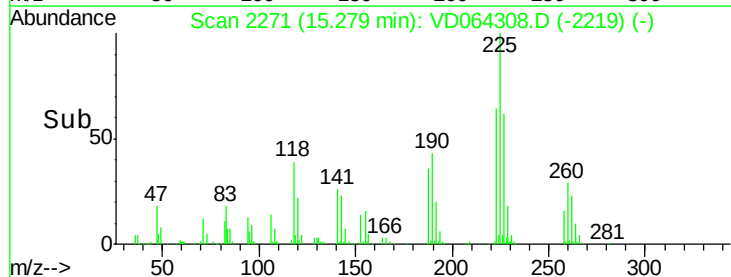


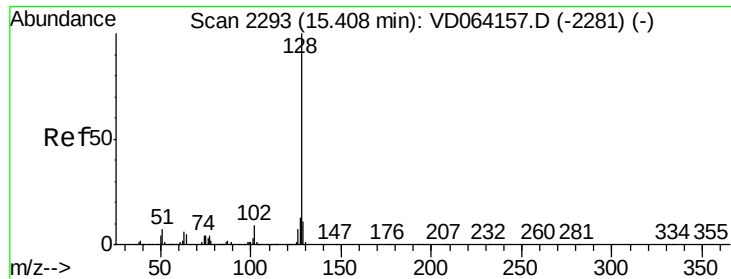
#94
 Hexachlorobutadiene
 Concen: 20.410 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD064308.D
 Acq: 20 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.1	93.3
227	63.5	31.5	94.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.053 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD1120SBSD01

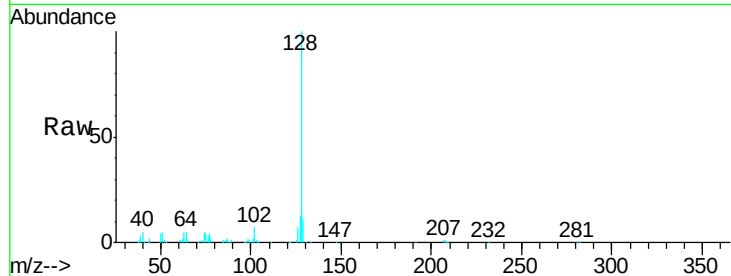
Tgt Ion:128 Resp: 264900

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

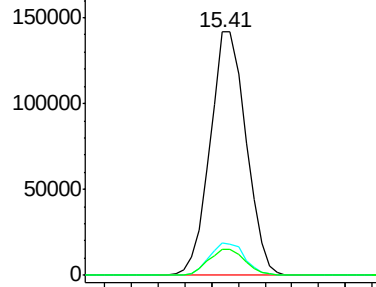
129 10.9 8.6 13.0



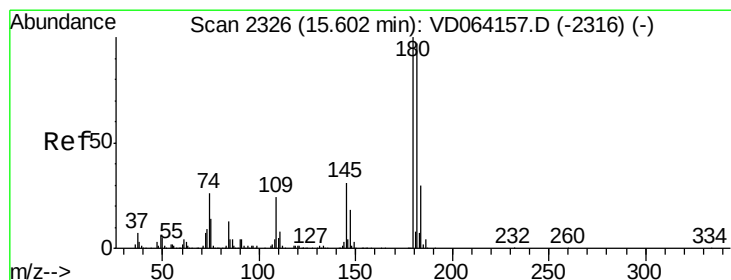
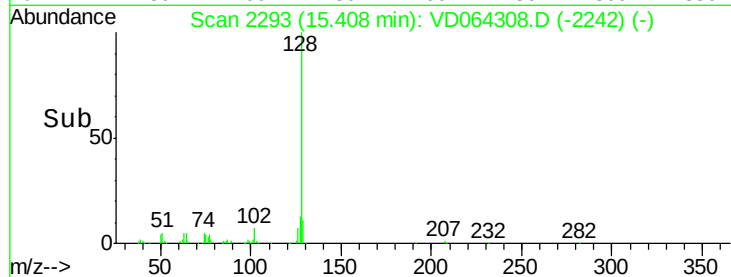
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 20.599 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.01 min

Lab File: VD064308.D

Acq: 20 Nov 2019 12:41

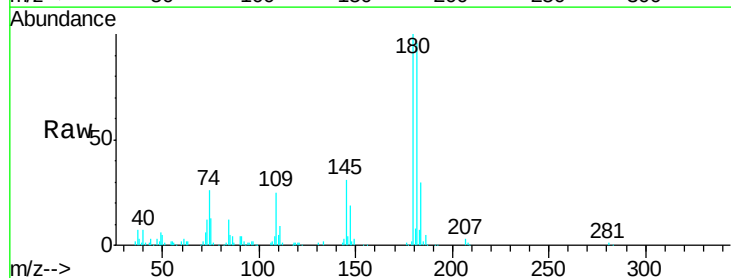
Tgt Ion:180 Resp: 134404

Ion Ratio Lower Upper

180 100

182 96.0 48.3 144.9

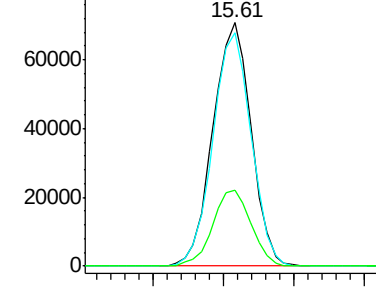
145 31.3 15.3 45.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

