

Data File : VD064163.D
Acq On : 08 Nov 2019 19:14
Operator : VA/SY
Sample : VD1108SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBS01

Quant Time: Nov 09 01:48:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 08 16:20:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	826200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1182890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1015097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	490599	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	358977	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	7.92	113	347669	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	10.34	98	1337645	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.64	95	447929	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	128200	18.709	ug/l	95
3) Chloromethane	2.21	50	156392	21.278	ug/l	96
4) Vinyl Chloride	2.36	62	157743	20.070	ug/l	97
5) Bromomethane	2.76	94	104299	21.015	ug/l	97
6) Chloroethane	2.93	64	104160	20.740	ug/l	95
7) Trichlorofluoromethane	3.27	101	262435	20.594	ug/l	98
8) Diethyl Ether	3.71	74	69346	19.791	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	140054	19.229	ug/l	98
10) Methyl Iodide	4.30	142	140984	18.300	ug/l	98
11) Tert butyl alcohol	5.26	59	49932	108.471	ug/l	98
12) 1,1-Dichloroethene	4.06	96	136114	19.606	ug/l	93
13) Acrolein	3.93	56	33748	84.055	ug/l	95
14) Allyl chloride	4.71	41	236808	19.292	ug/l	96
15) Acrylonitrile	5.43	53	153770	102.944	ug/l	98
16) Acetone	4.17	43	140120	87.045	ug/l	93
17) Carbon Disulfide	4.40	76	420817	19.464	ug/l	99
18) Methyl Acetate	4.73	43	96281	21.415	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	328042	19.793	ug/l	97
20) Methylene Chloride	4.97	84	173914	21.388	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	153846	19.560	ug/l	96
22) Diisopropyl ether	6.37	45	453499	19.912	ug/l	97
23) Vinyl Acetate	6.31	43	1294891	101.998	ug/l	100
24) 1,1-Dichloroethane	6.27	63	261745	19.794	ug/l	99
25) 2-Butanone	7.23	43	204811	98.481	ug/l	99
26) 2,2-Dichloropropane	7.21	77	250217	19.295	ug/l	99
27) cis-1,2-Dichloroethene	7.22	96	166202	19.704	ug/l	99
28) Bromochloromethane	7.55	49	78450	17.040	ug/l	98
29) Tetrahydrofuran	7.57	42	131415	105.172	ug/l	98
30) Chloroform	7.71	83	269809	19.947	ug/l	95
31) Cyclohexane	7.98	56	252068	18.901	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	256222	19.782	ug/l	99
36) 1,1-Dichloropropene	8.11	75	213088	19.519	ug/l	100
37) Ethyl Acetate	7.30	43	93121	20.233	ug/l	99
38) Carbon Tetrachloride	8.10	117	225245	19.282	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	258735	18.730	ug/l	99
40) Benzene	8.36	78	581118	19.477	ug/l	99
41) Methacrylonitrile	7.53	41	61160	21.143	ug/l	94
42) 1,2-Dichloroethane	8.43	62	175939	19.634	ug/l	99
43) Isopropyl Acetate	8.46	43	193458	20.401	ug/l	99
44) Trichloroethene	9.11	130	175610	19.610	ug/l	97
45) 1,2-Dichloropropane	9.39	63	142540	19.628	ug/l	94
46) Dibromomethane	9.48	93	76612	19.706	ug/l	98
47) Bromodichloromethane	9.67	83	204374	19.516	ug/l	97
48) Methyl methacrylate	9.46	41	91388	19.709	ug/l	96
49) 1,4-Dioxane	9.47	88	18071	387.020	ug/l #	94
51) 4-Methyl-2-Pentanone	10.23	43	465598	102.388	ug/l	99
52) Toluene	10.40	92	377316	19.232	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	205803	19.616	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	236811	19.343	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	104812	19.873	ug/l	97
56) Ethyl methacrylate	10.67	69	145781	19.759	ug/l #	95
57) 1,3-Dichloropropane	10.95	76	182873	19.882	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	293304	98.142	ug/l	99
59) 2-Hexanone	10.99	43	326260	100.846	ug/l	99
60) Dibromochloromethane	11.14	129	140792	19.131	ug/l	98
61) 1,2-Dibromoethane	11.25	107	104597	19.800	ug/l	98
64) Tetrachloroethene	10.88	164	156057	19.989	ug/l	95
65) Chlorobenzene	11.67	112	399415	19.350	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	150077	19.121	ug/l	98
67) Ethyl Benzene	11.75	91	725372	19.427	ug/l	99
68) m/p-Xylenes	11.86	106	546440	38.181	ug/l	100
69) o-Xylene	12.18	106	261051	19.667	ug/l	97
70) Styrene	12.20	104	435792	18.809	ug/l	98
71) Bromoform	12.37	173	88758	19.870	ug/l #	96
73) Isopropylbenzene	12.48	105	690890	19.186	ug/l	100
74) N-amyl acetate	12.29	43	172154	20.245	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	109739	20.225	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	153348	38.806	ug/l #	100
77) Bromobenzene	12.77	156	171129	19.561	ug/l	96
78) n-propylbenzene	12.83	91	801443	19.480	ug/l	99
79) 2-Chlorotoluene	12.91	91	447758	19.277	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	564159	19.066	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	39843	20.028	ug/l	99
82) 4-Chlorotoluene	13.01	91	475079	19.609	ug/l	99
83) tert-Butylbenzene	13.23	119	511355	19.599	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	562707	19.263	ug/l	100
85) sec-Butylbenzene	13.41	105	674324	19.243	ug/l	99
86) p-Isopropyltoluene	13.52	119	631229	18.947	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	307703	18.948	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	311532	19.656	ug/l	98
89) n-Butylbenzene	13.85	91	567154	18.843	ug/l	100
90) Hexachloroethane	14.12	117	118151	19.190	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	263582	19.176	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20702	21.339	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110819\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Fri Nov 08 16:20:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	199619	18.826	ug/l	97
94) Hexachlorobutadiene	15.27	225	128796	18.806	ug/l	99
95) Naphthalene	15.41	128	345830	19.897	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	174891	19.404	ug/l	99

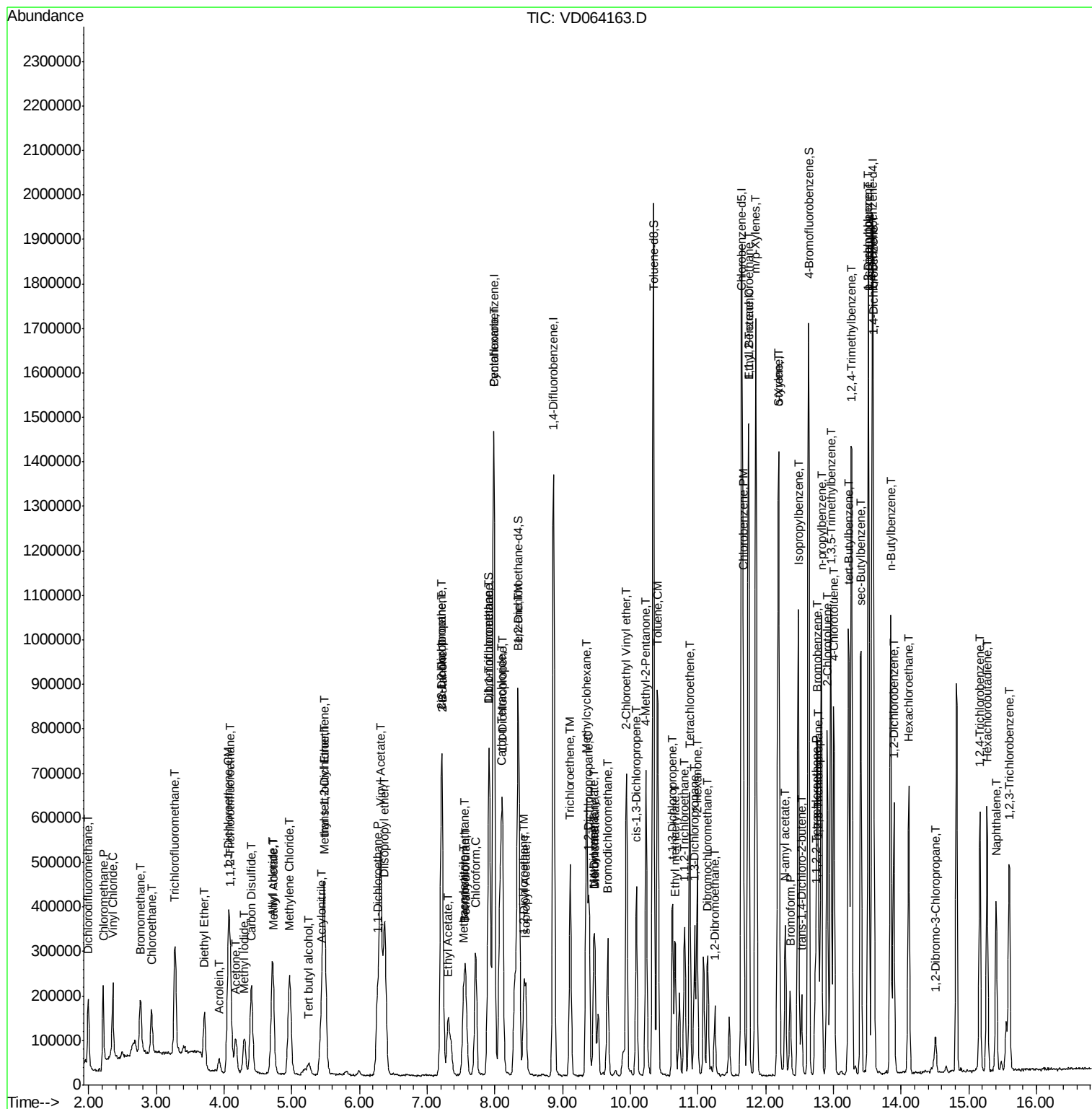
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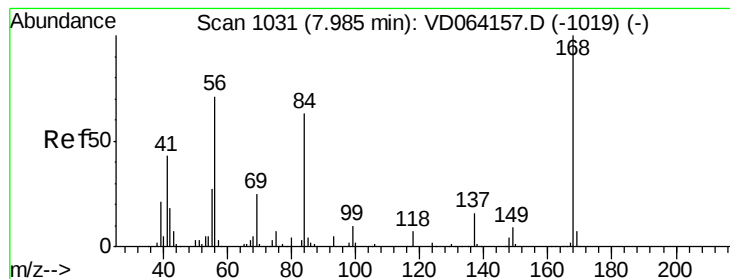
Data File : VD064163.D

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Acq On       : 08 Nov 2019   19:14
Operator    : VA/SY
Sample      : VD1108SBS01
Misc        : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial    : 15      Sample Multiplier: 1
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Instrument :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

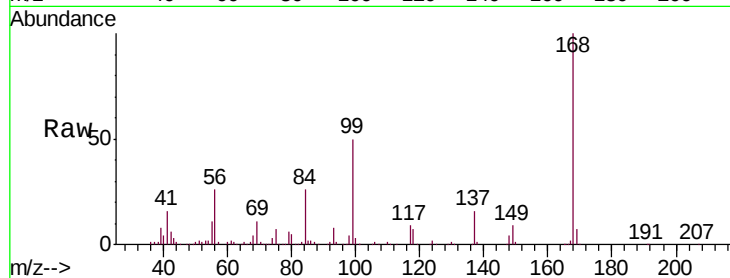
VD1108SBSD01

Tgt Ion:168 Resp: 826200

Ion Ratio Lower Upper

168 100

99 49.5 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

400000

300000

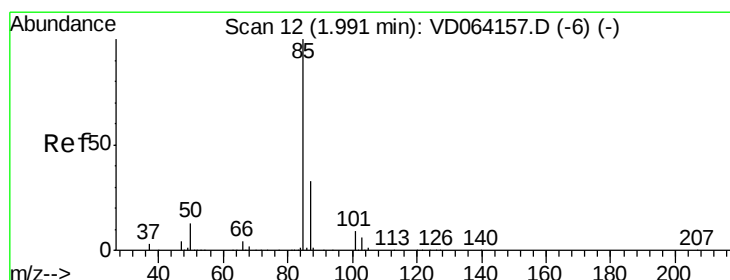
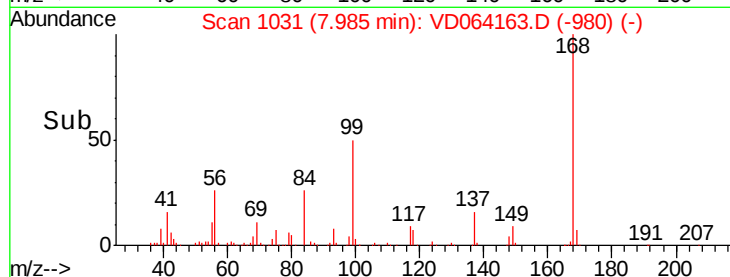
200000

100000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.709 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064163.D

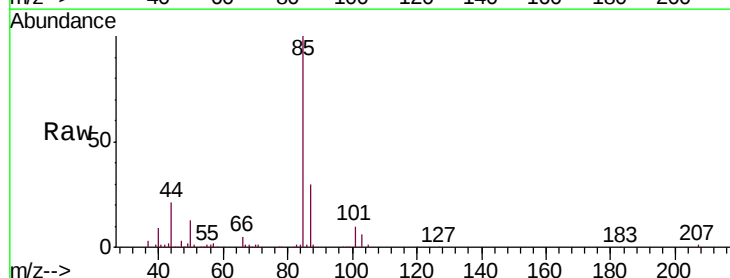
Acq: 08 Nov 2019 19:14

Tgt Ion: 85 Resp: 128200

Ion Ratio Lower Upper

85 100

87 29.9 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

100000

80000

60000

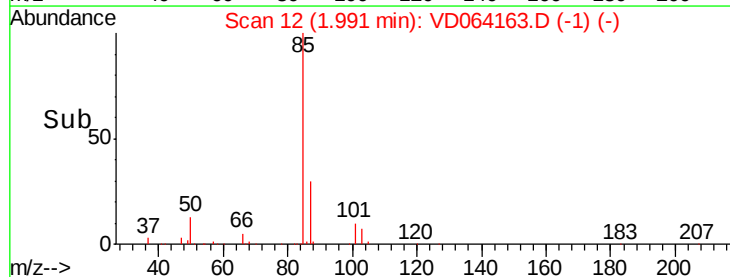
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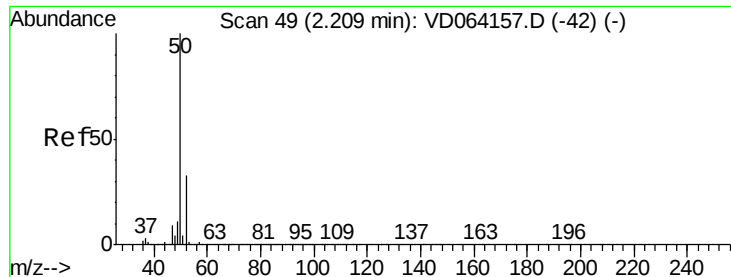
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.278 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

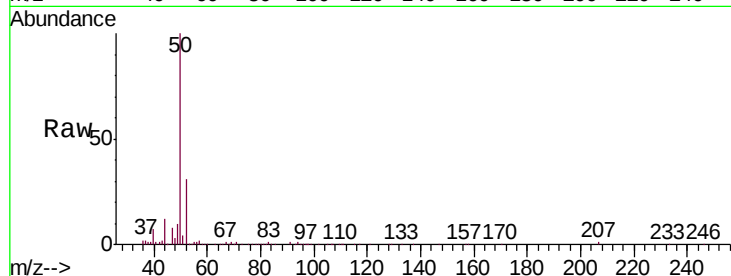
VD1108SBS01

Tgt Ion: 50 Resp: 156392

Ion Ratio Lower Upper

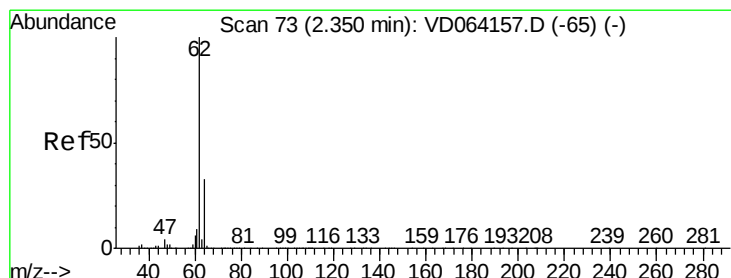
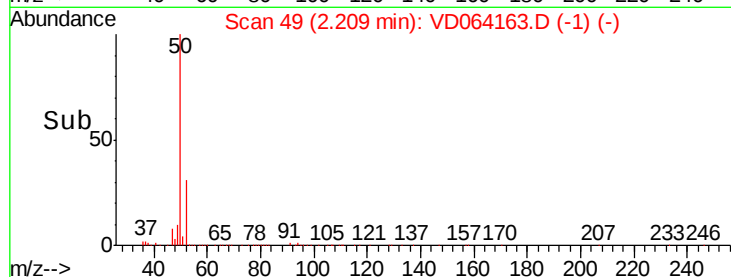
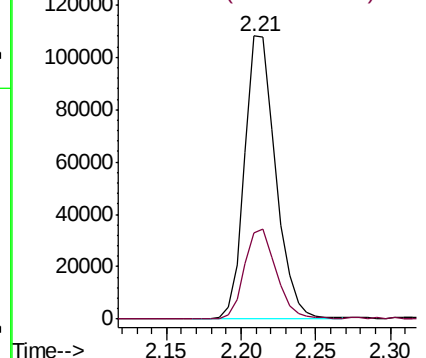
50 100

52 30.7 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: 20.070 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD064163.D

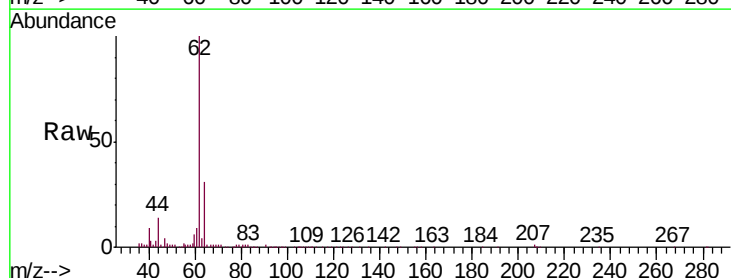
Acq: 08 Nov 2019 19:14

Tgt Ion: 62 Resp: 157743

Ion Ratio Lower Upper

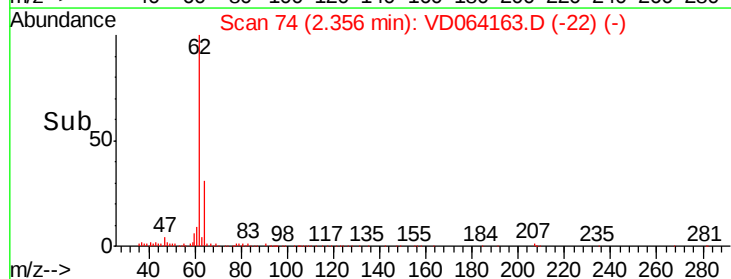
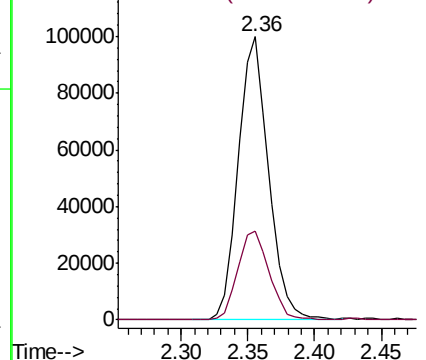
62 100

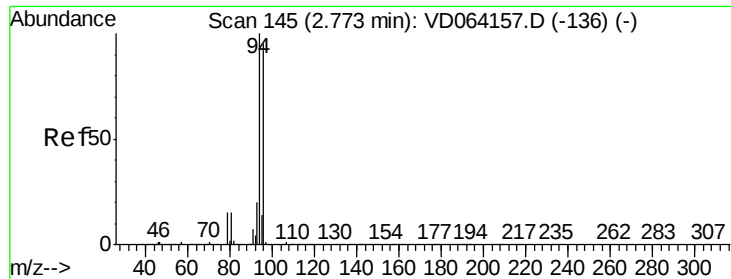
64 31.2 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.015 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

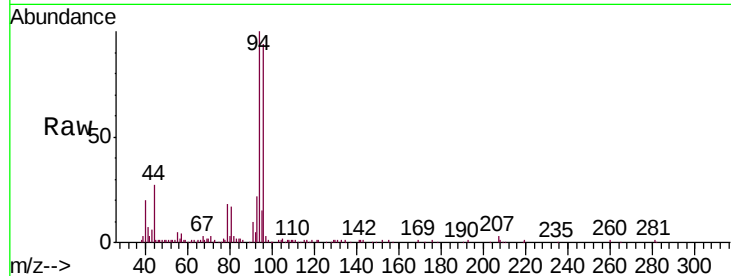
VD1108SBSD01

Tgt Ion: 94 Resp: 104299

Ion Ratio Lower Upper

94 100

96 92.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

40000

30000

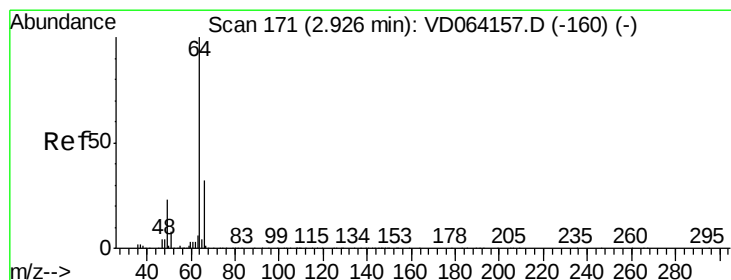
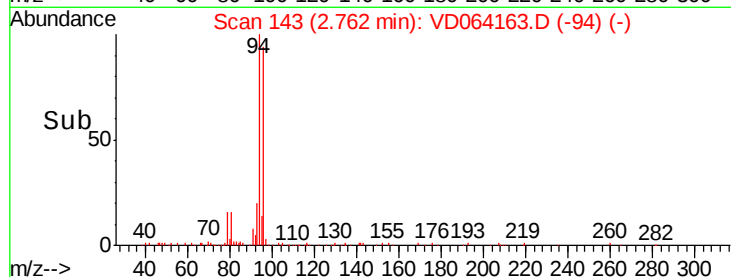
20000

10000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 20.740 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD064163.D

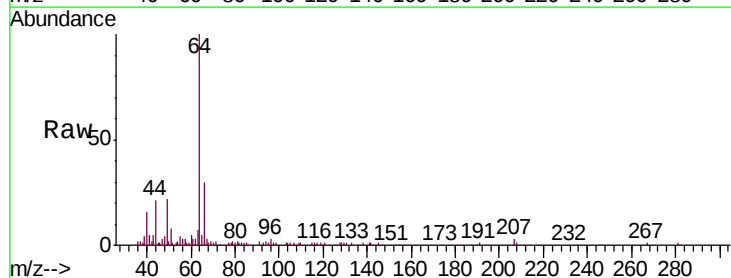
Acq: 08 Nov 2019 19:14

Tgt Ion: 64 Resp: 104160

Ion Ratio Lower Upper

64 100

66 29.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

60000

50000

40000

30000

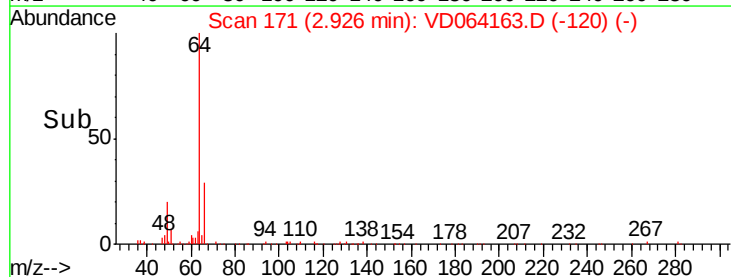
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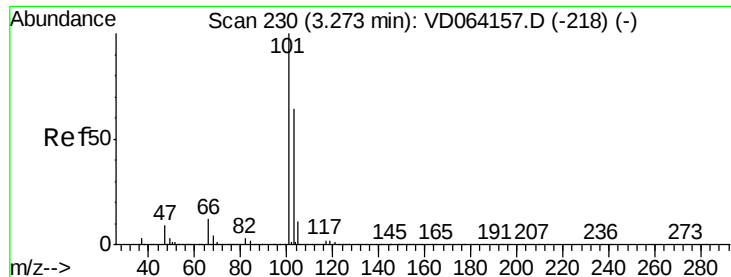
10000

0

Time-->

2.85 2.90 2.95 3.00



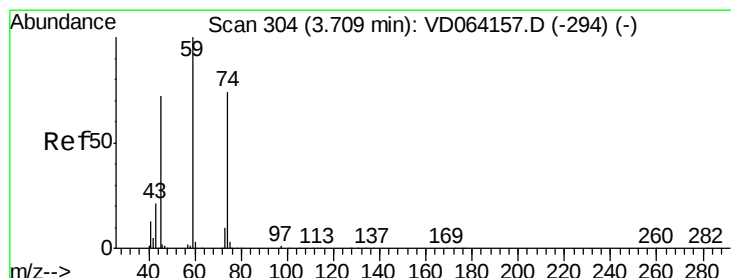
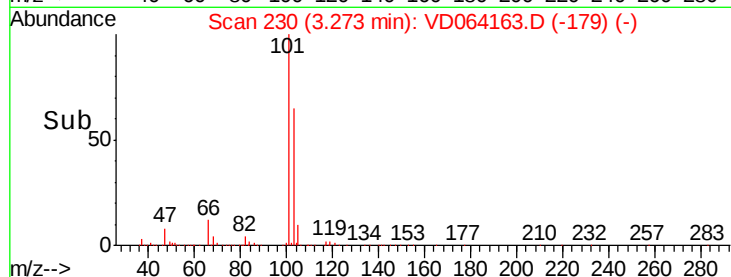
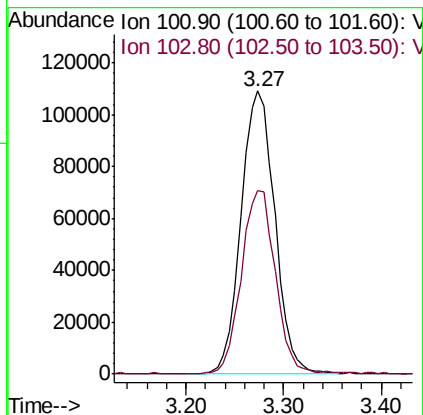
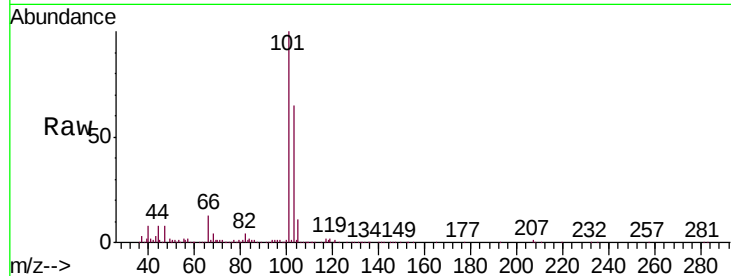


#7

Trichlorofluoromethane
Concen: 20.594 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

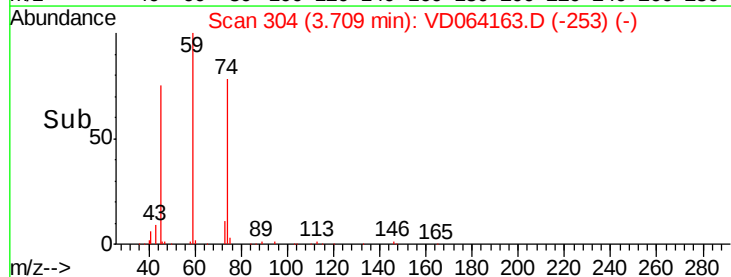
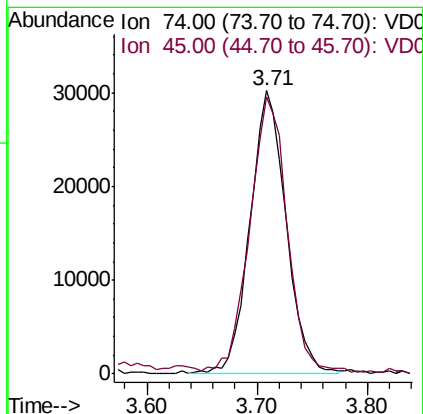
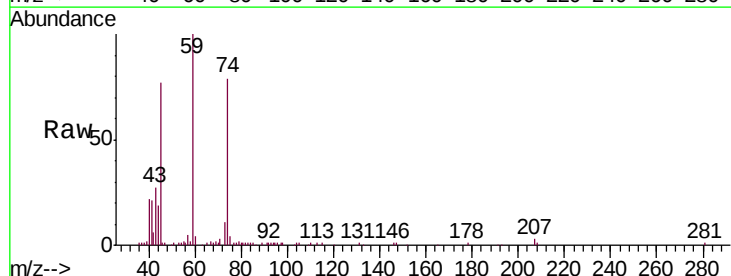
Tgt Ion:101 Resp: 262435
Ion Ratio Lower Upper
101 100
103 64.9 50.8 76.2

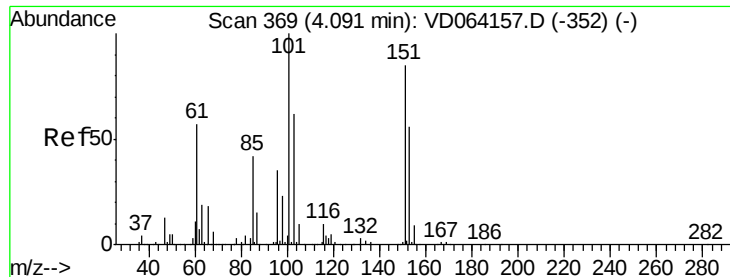


#8

Diethyl Ether
Concen: 19.791 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion: 74 Resp: 69346
Ion Ratio Lower Upper
74 100
45 100.7 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.229 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

VD1108SBSD01

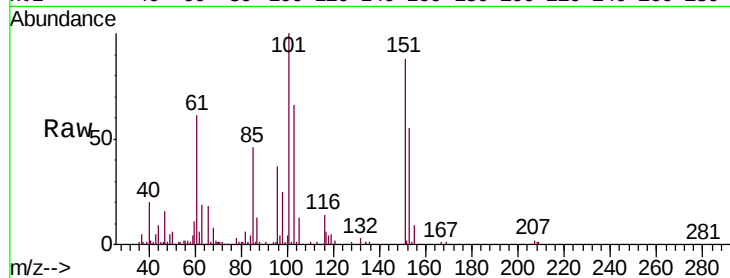
Tgt Ion:101 Resp: 140054

Ion Ratio Lower Upper

101 100

85 45.4 34.4 51.6

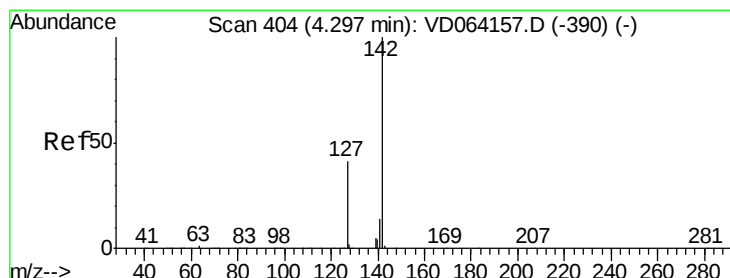
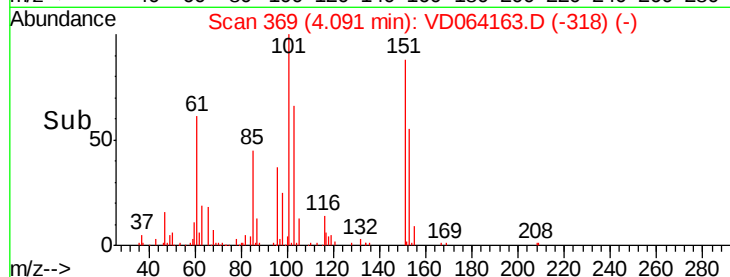
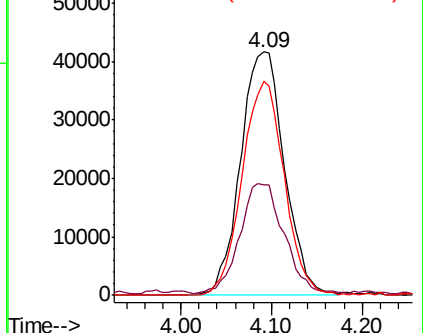
151 84.3 68.1 102.1



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



#10

Methyl Iodide

Concen: 18.300 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

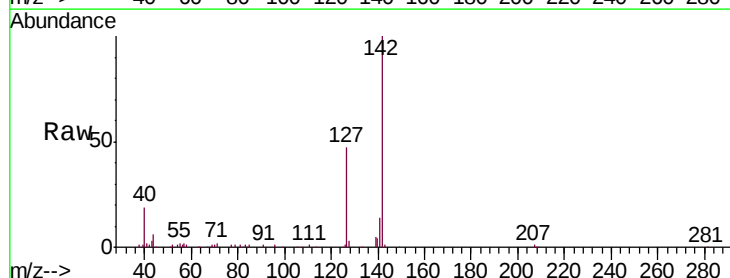
Tgt Ion:142 Resp: 140984

Ion Ratio Lower Upper

142 100

127 44.2 34.4 51.6

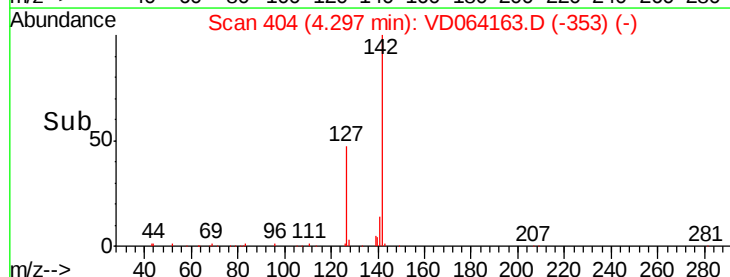
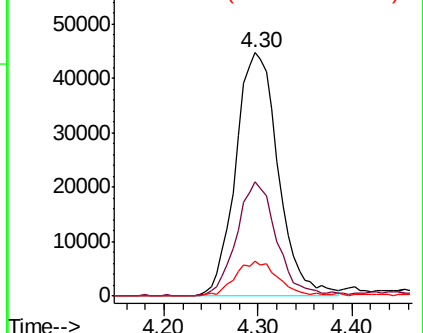
141 14.4 11.2 16.8



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



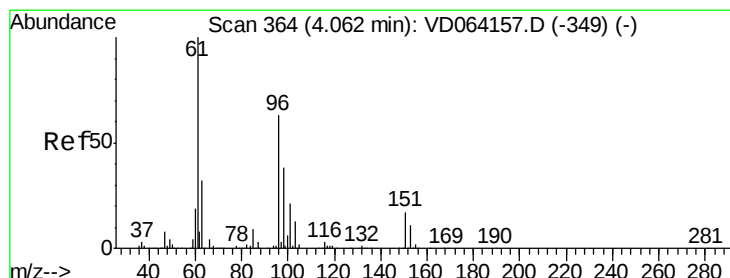
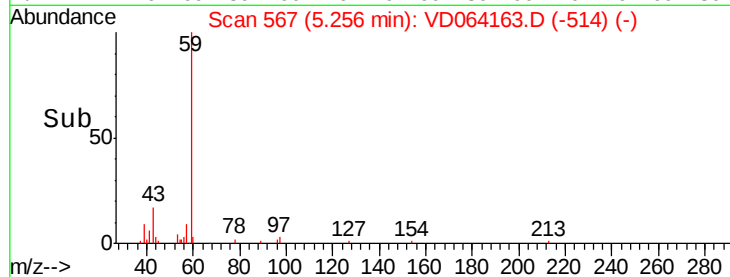
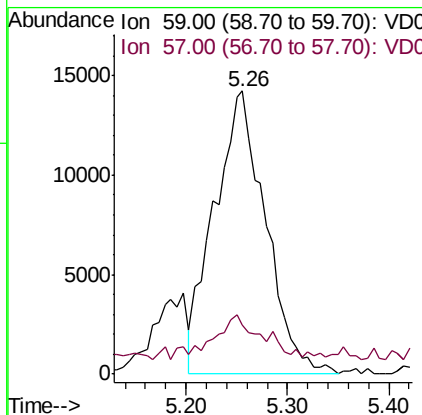
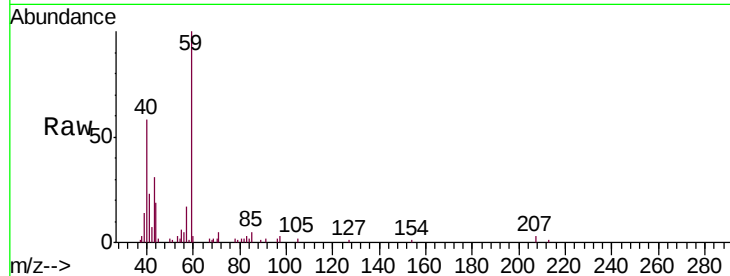


#11

Tert butyl alcohol
 Concen: 108.471 ug/l
 RT: 5.26 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBSD01

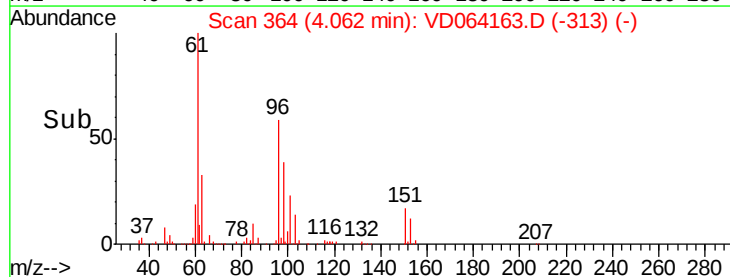
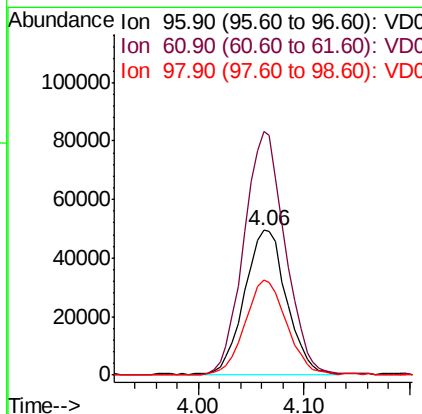
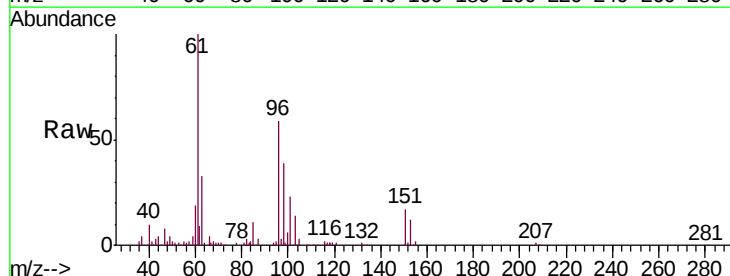
Tgt Ion: 59 Resp: 49932
 Ion Ratio Lower Upper
 59 100
 57 11.0 9.4 14.2

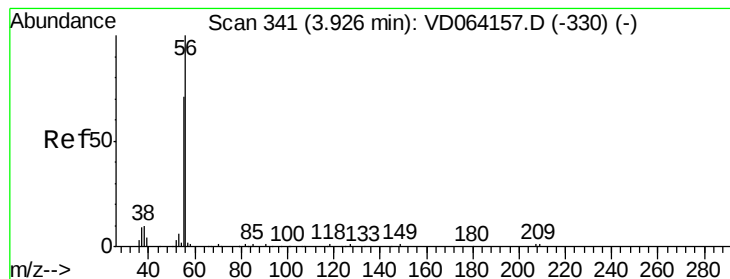


#12

1,1-Dichloroethene
 Concen: 19.606 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion: 96 Resp: 136114
 Ion Ratio Lower Upper
 96 100
 61 169.0 127.4 191.2
 98 65.9 48.1 72.1





#13

Acrolein

Concen: 84.055 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

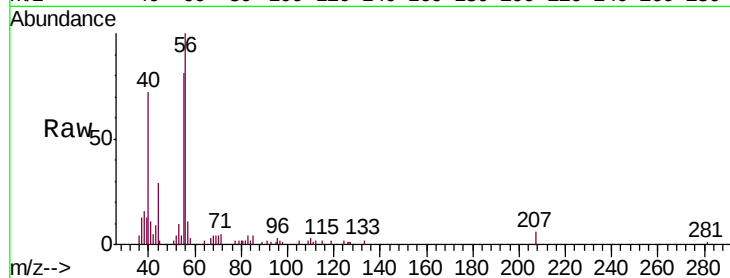
VD1108SBSD01

Tgt Ion: 56 Resp: 33748

Ion Ratio Lower Upper

56 100

55 74.1 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

15000

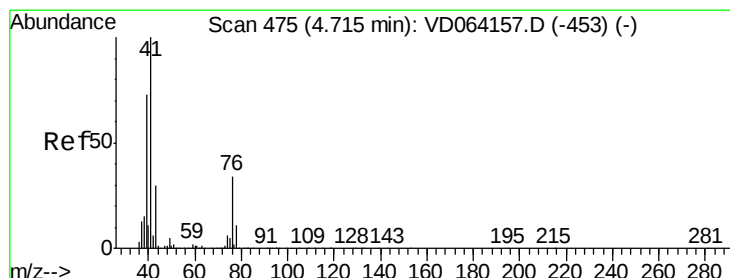
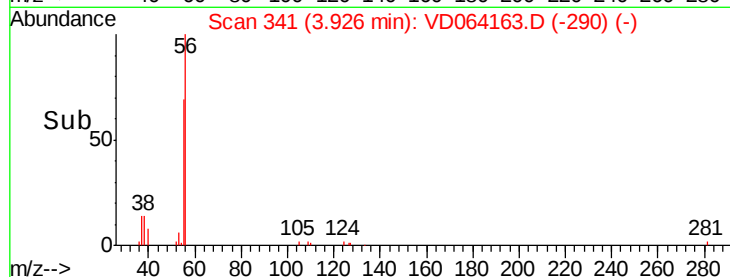
10000

5000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 19.292 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

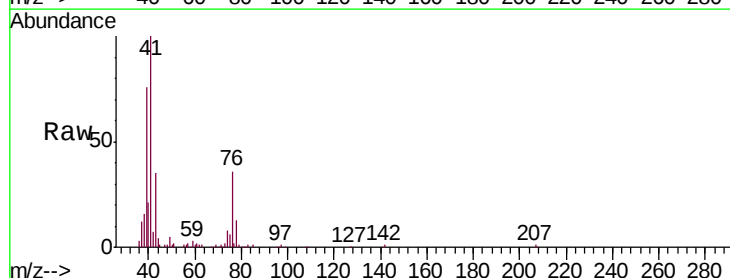
Tgt Ion: 41 Resp: 236808

Ion Ratio Lower Upper

41 100

39 75.4 57.5 86.3

76 35.1 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

4.71

100000

80000

60000

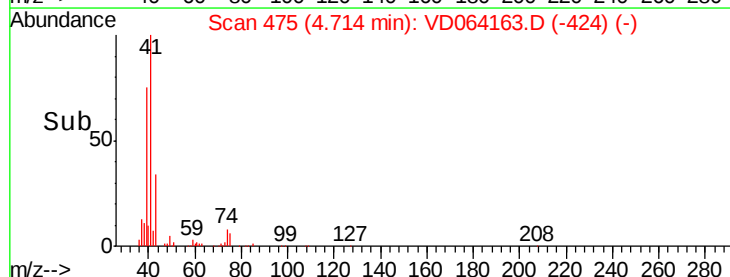
40000

20000

0

Time-->

4.60 4.70 4.80





#15

Acrylonitrile

Concen: 102.944 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

VD1108SBS01

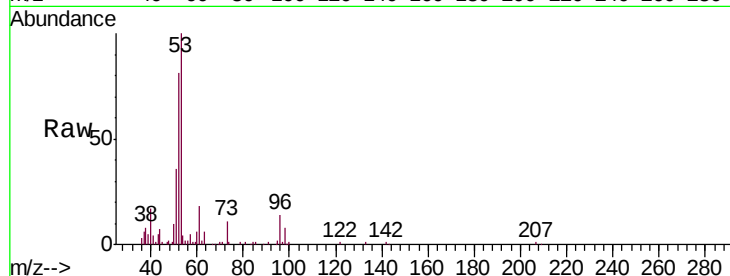
Tgt Ion: 53 Resp: 153770

Ion Ratio Lower Upper

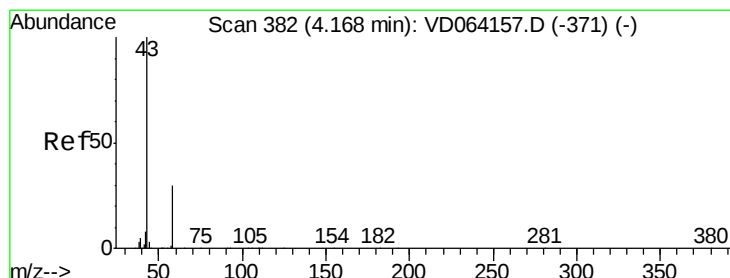
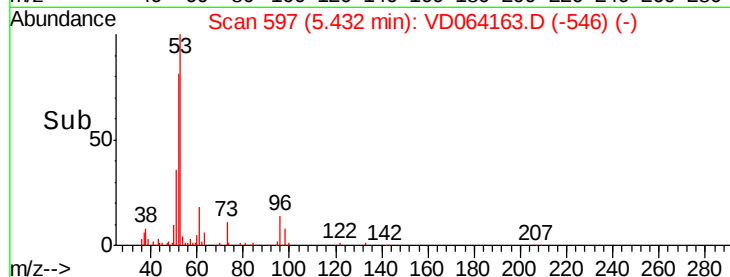
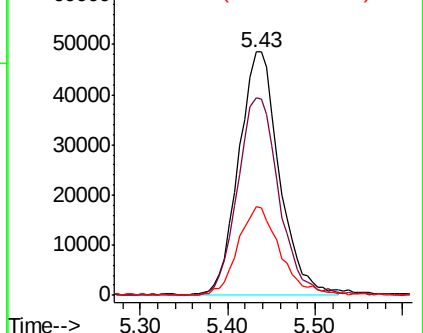
53 100

52 81.4 66.7 100.1

51 37.6 30.6 46.0



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



#16

Acetone

Concen: 87.045 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064163.D

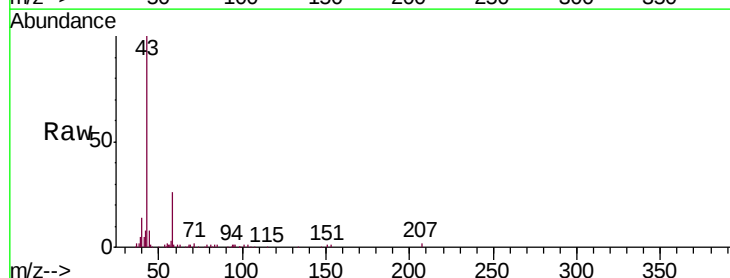
Acq: 08 Nov 2019 19:14

Tgt Ion: 43 Resp: 140120

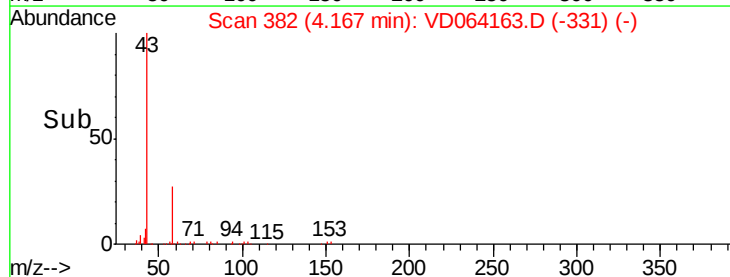
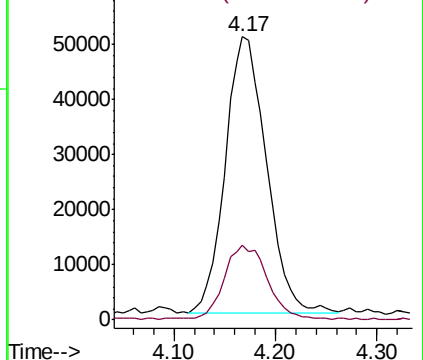
Ion Ratio Lower Upper

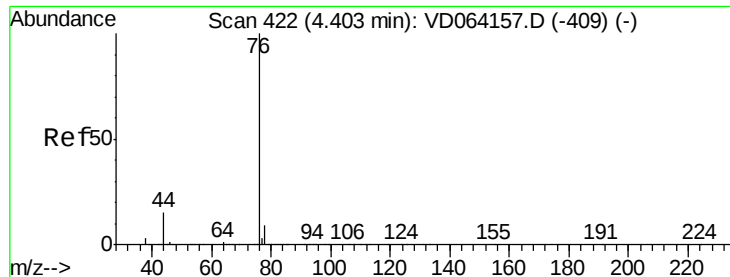
43 100

58 26.4 24.1 36.1



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

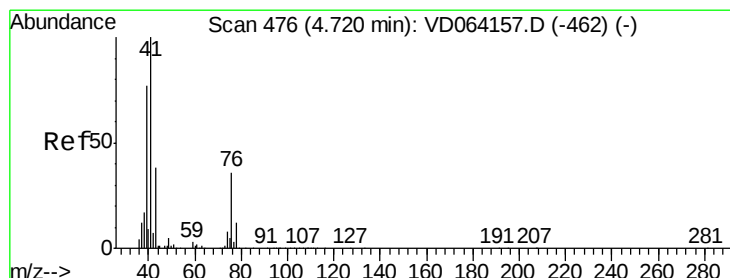
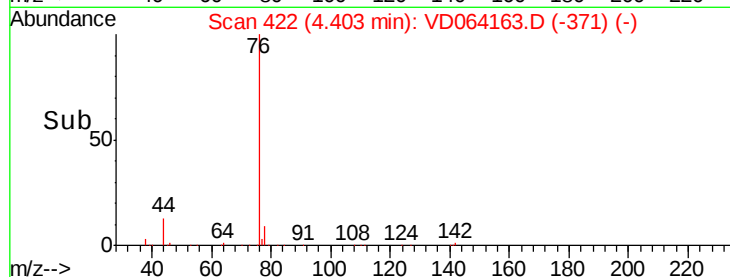
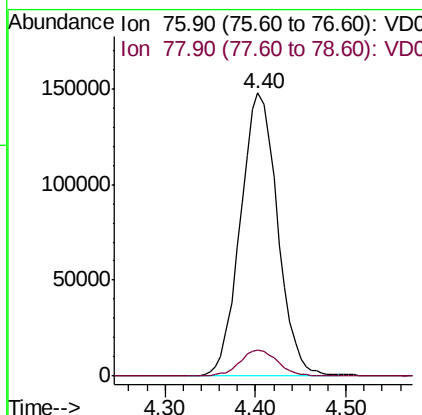
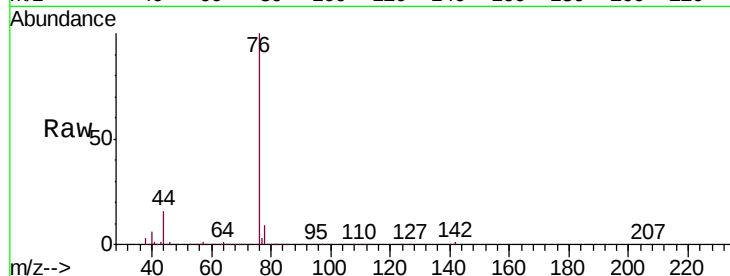




#17
Carbon Disulfide
Concen: 19.464 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

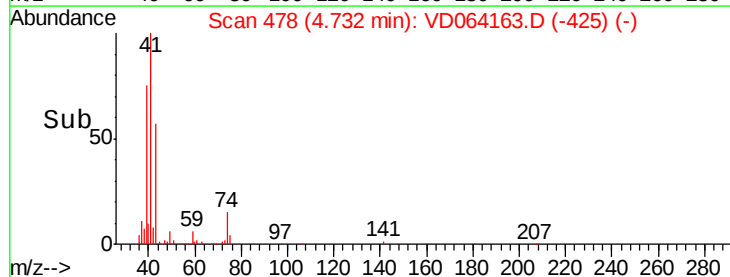
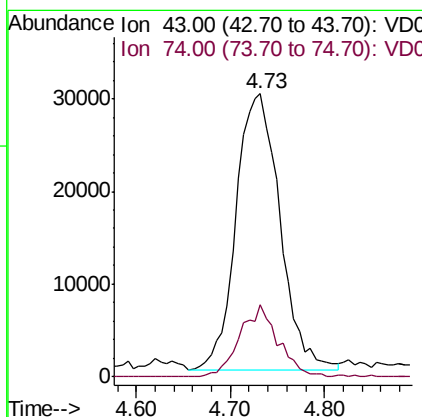
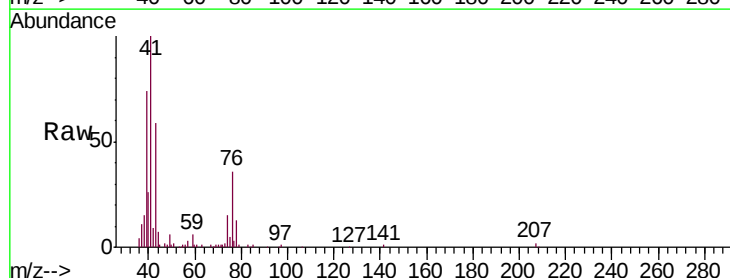
Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

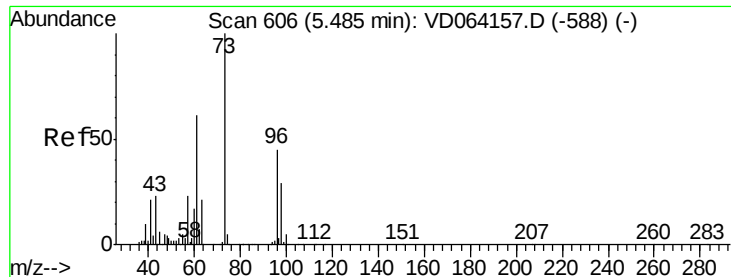
Tgt Ion: 76 Resp: 420817
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 21.415 ug/l
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion: 43 Resp: 96281
Ion Ratio Lower Upper
43 100
74 22.7 18.4 27.6



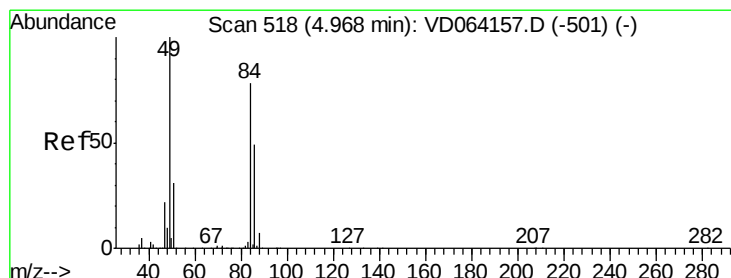
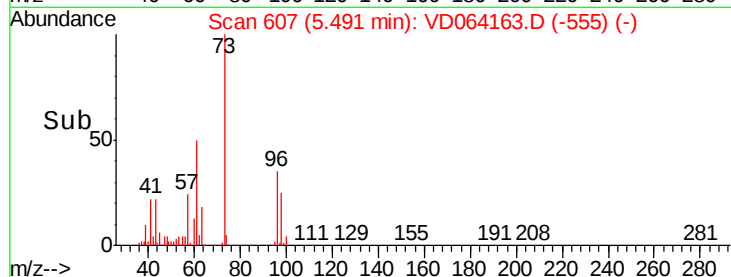
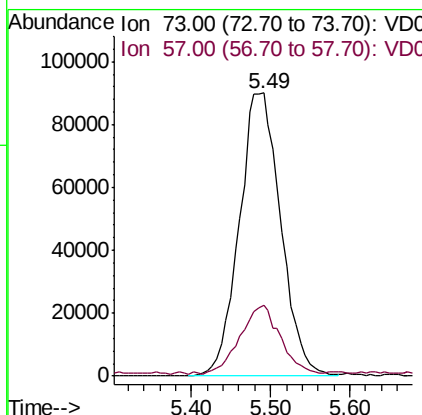
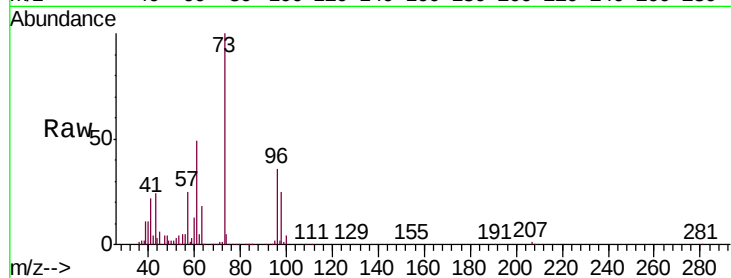


#19

Methyl tert-butyl Ether
 Concen: 19.793 ug/l
 RT: 5.49 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBS01

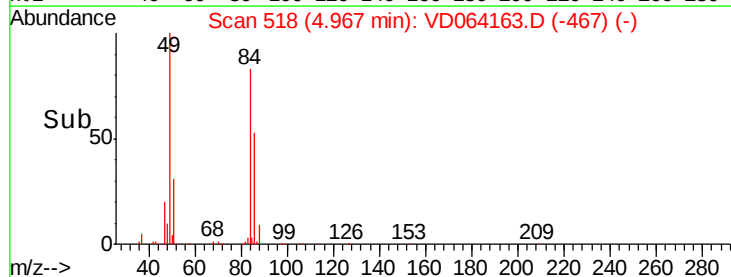
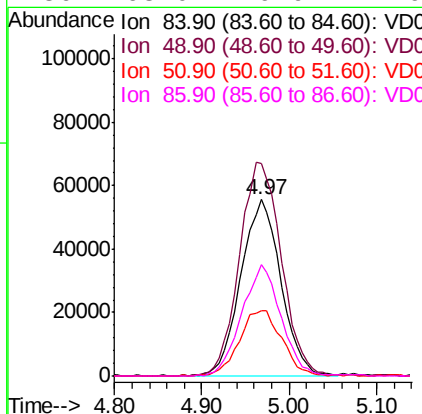
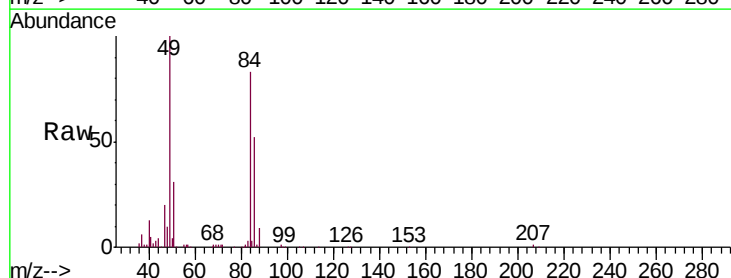
Tgt Ion: 73 Resp: 328042
 Ion Ratio Lower Upper
 73 100
 57 24.4 18.4 27.6

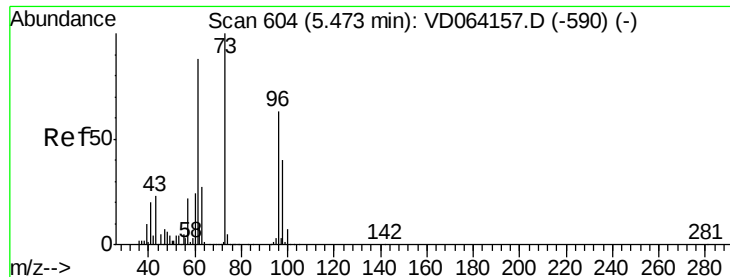


#20

Methylene Chloride
 Concen: 21.388 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion: 84 Resp: 173914
 Ion Ratio Lower Upper
 84 100
 49 120.9 102.1 153.1
 51 37.1 32.2 48.2
 86 63.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.560 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

VD1108SBSD01

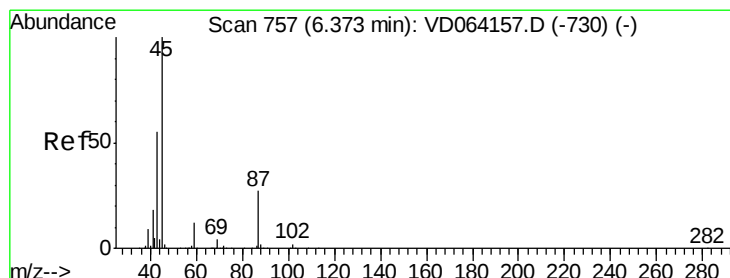
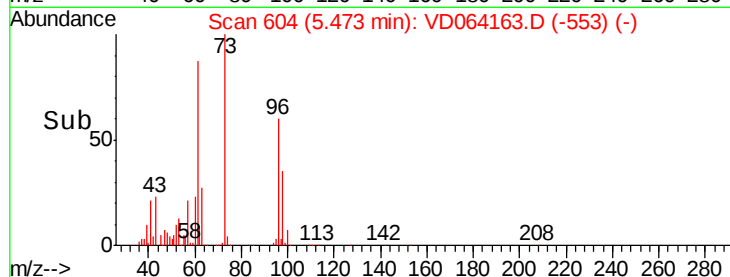
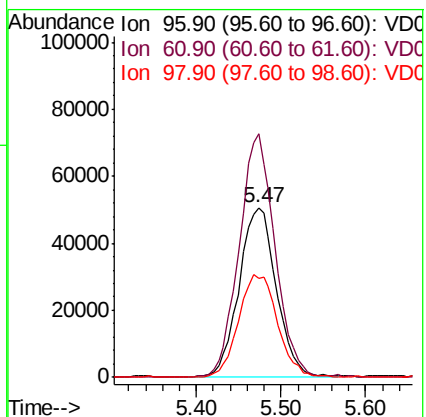
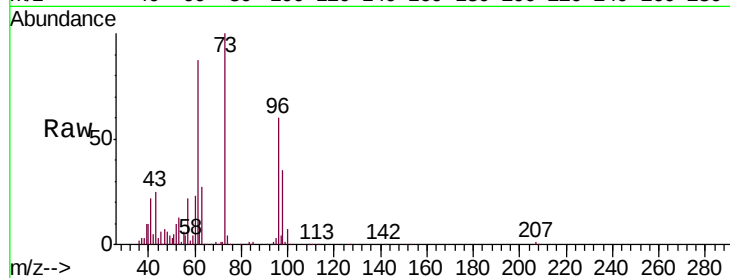
Tgt Ion: 96 Resp: 153846

Ion Ratio Lower Upper

96 100

61 144.2 111.8 167.6

98 58.1 50.3 75.5



#22

Diisopropyl ether

Concen: 19.912 ug/l

RT: 6.37 min Scan# 757

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Tgt Ion: 45 Resp: 453499

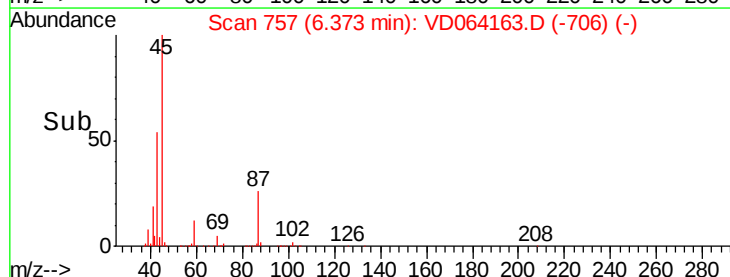
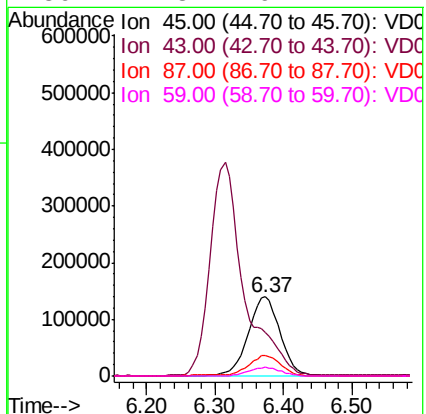
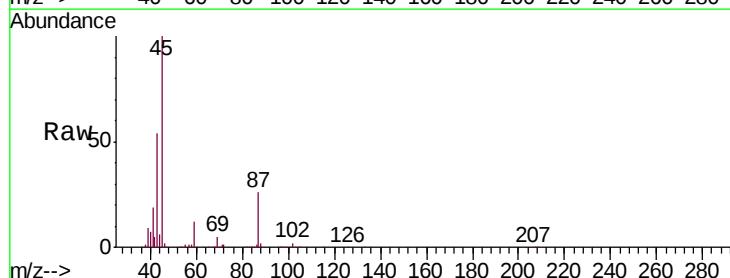
Ion Ratio Lower Upper

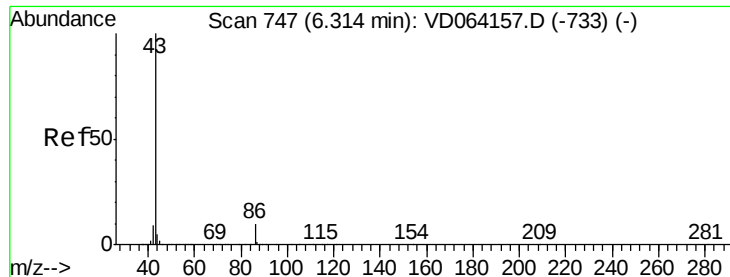
45 100

43 52.6 44.4 66.6

87 25.7 21.9 32.9

59 11.8 9.4 14.2





#23

Vinyl Acetate

Concen: 101.998 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

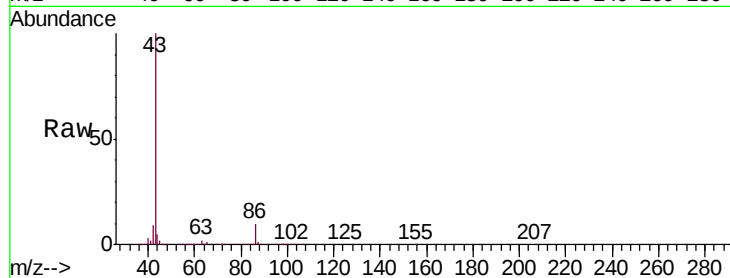
VD1108SBSD01

Tgt Ion: 43 Resp: 1294891

Ion Ratio Lower Upper

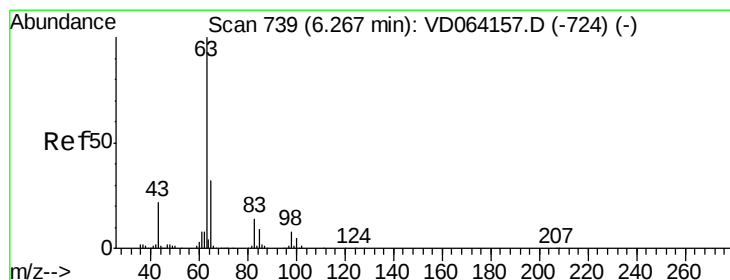
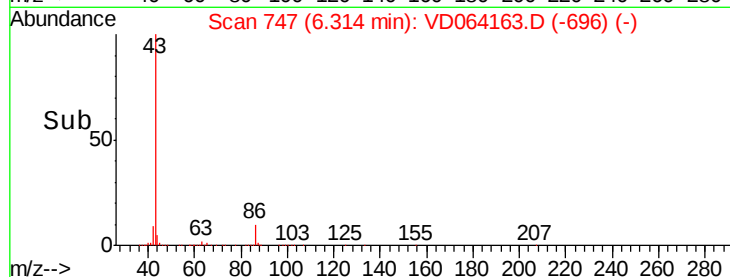
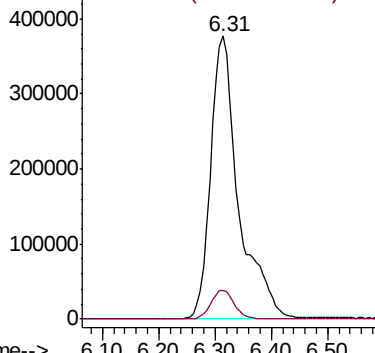
43 100

86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.794 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

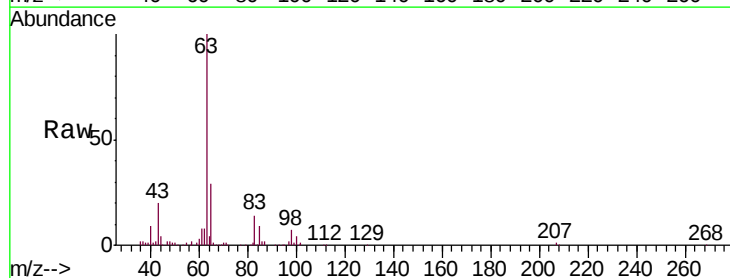
Tgt Ion: 63 Resp: 261745

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

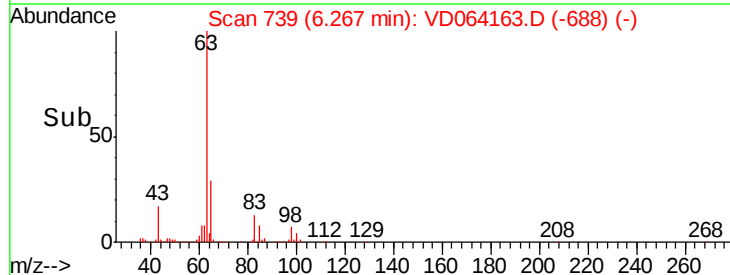
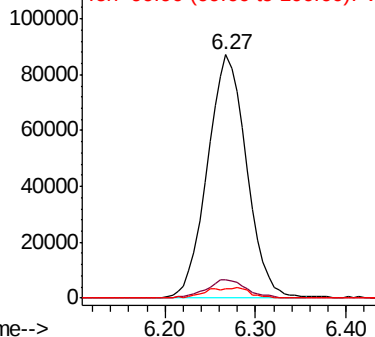
100 4.0 2.4 7.2

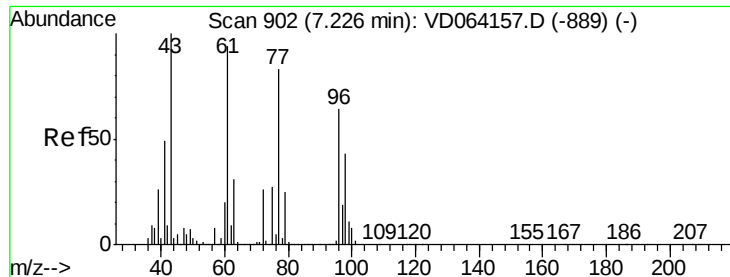


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 98.481 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

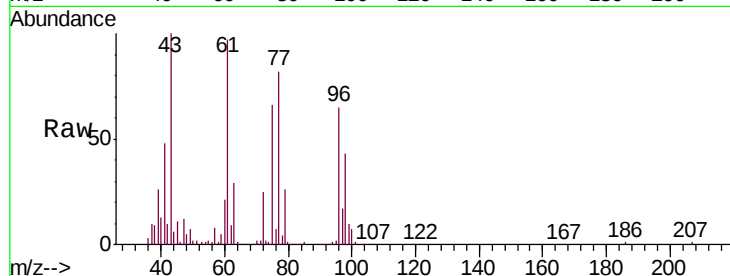
VD1108SBSD01

Tgt Ion: 43 Resp: 204811

Ion Ratio Lower Upper

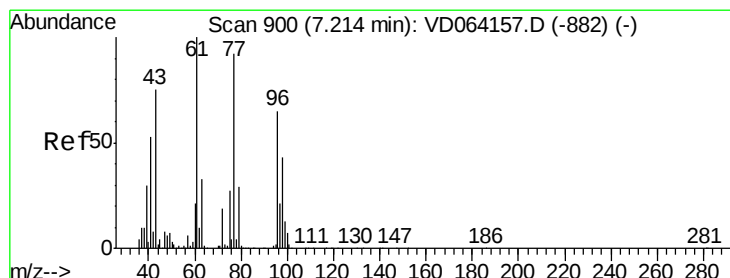
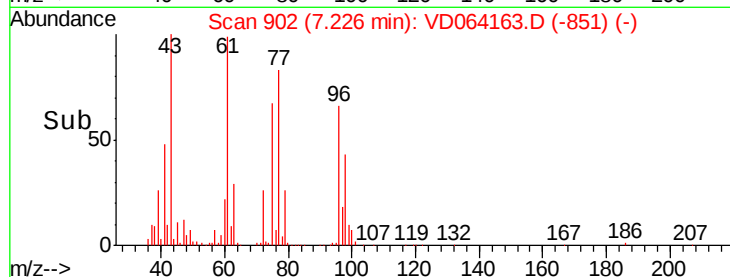
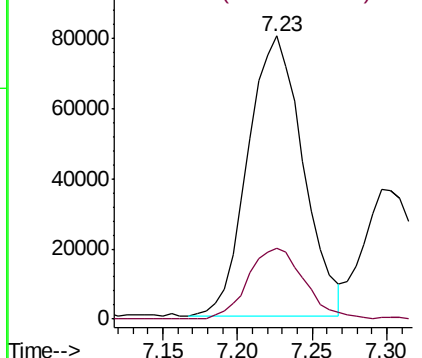
43 100

72 25.3 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.295 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD064163.D

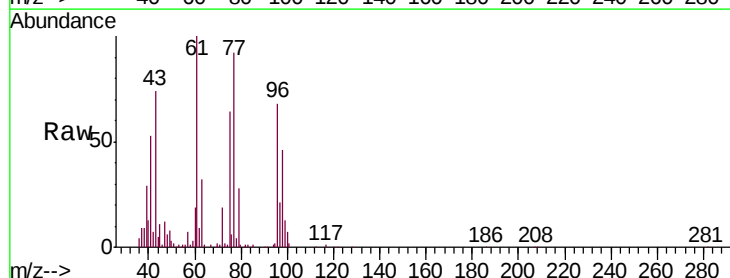
Acq: 08 Nov 2019 19:14

Tgt Ion: 77 Resp: 250217

Ion Ratio Lower Upper

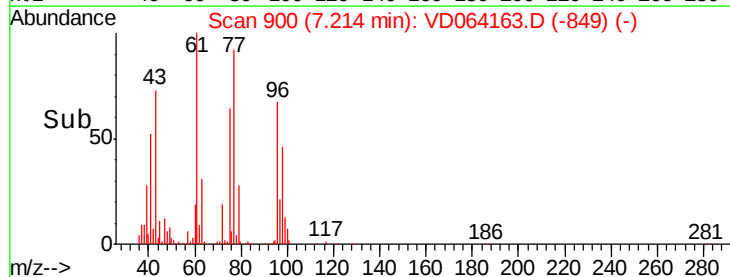
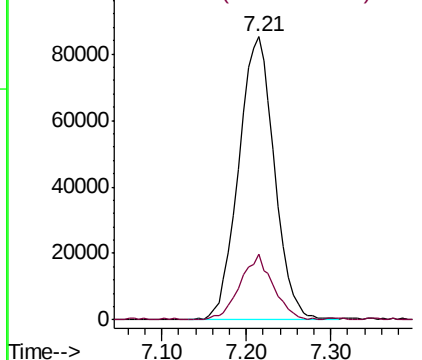
77 100

97 21.6 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



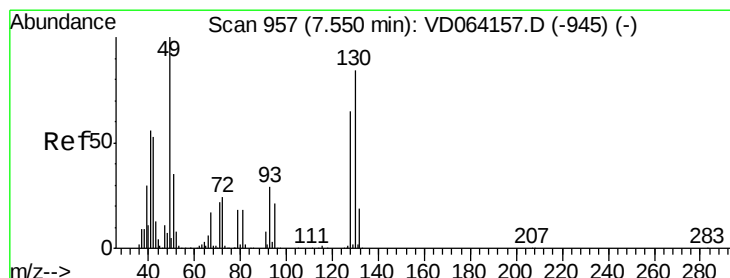
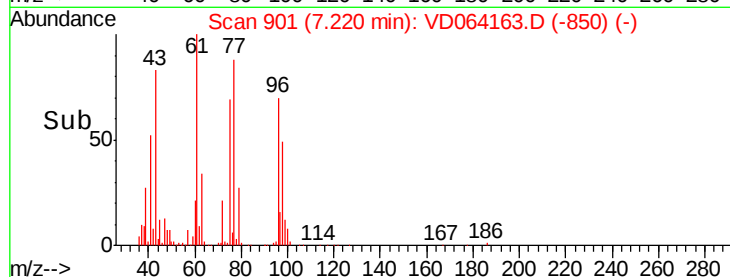
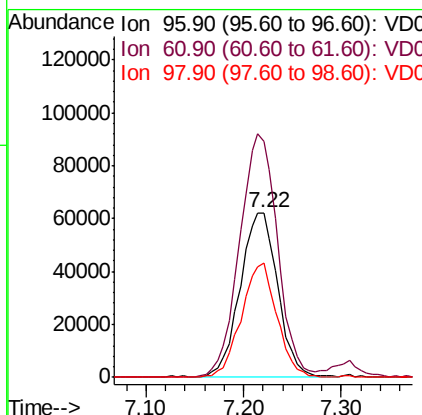
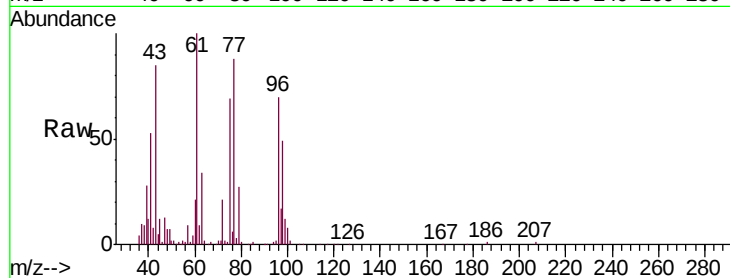


#27

cis-1,2-Dichloroethene
Concen: 19.704 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

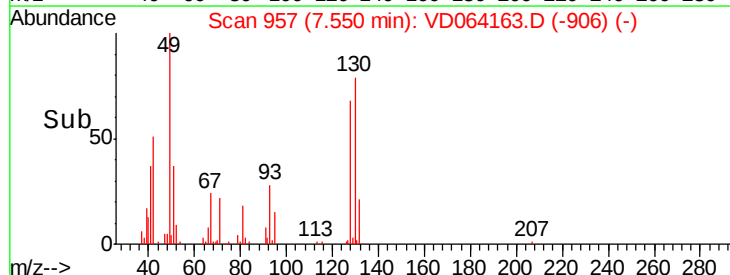
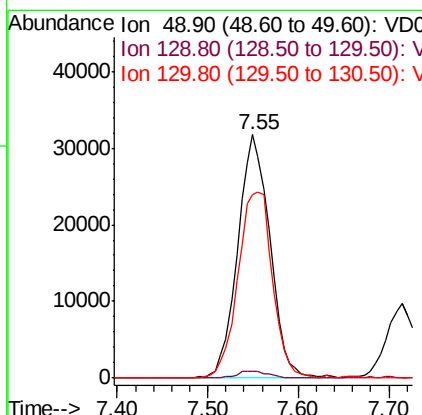
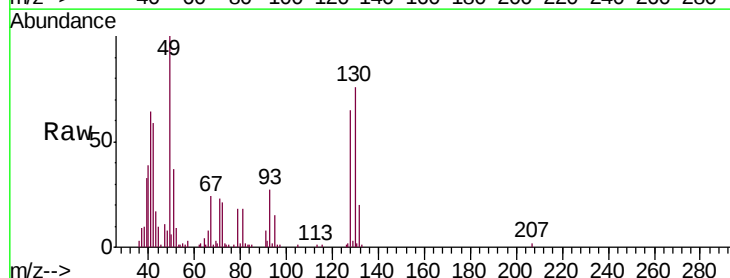
Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	301.4
98	66.1	0.0	133.2

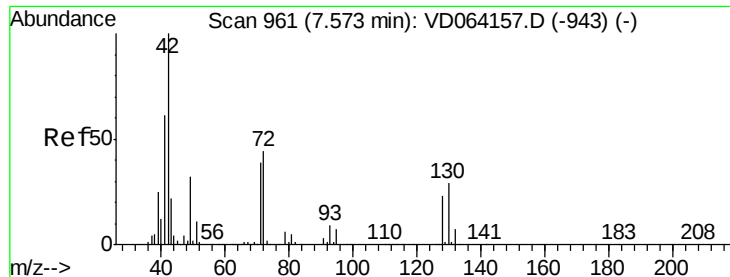


#28

Bromochloromethane
Concen: 17.040 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.4
130	81.7	66.8	100.2

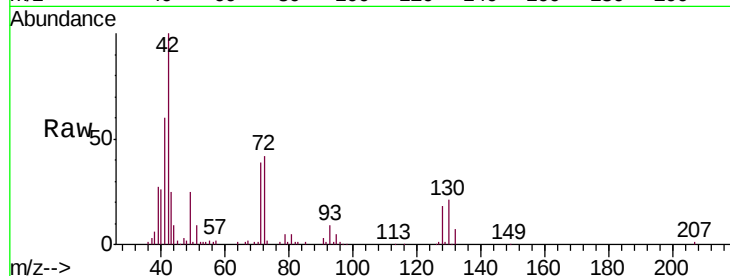




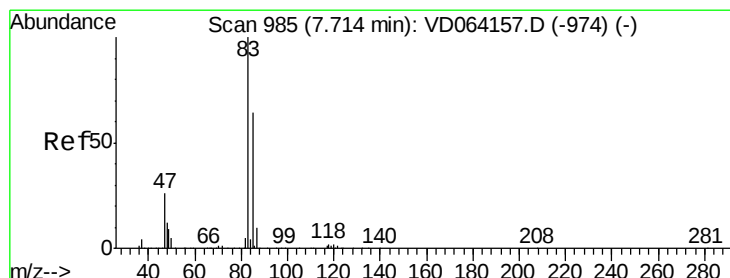
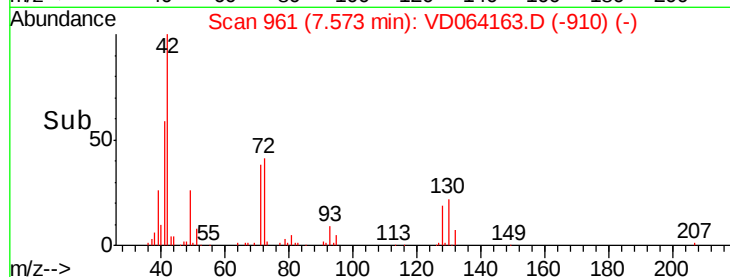
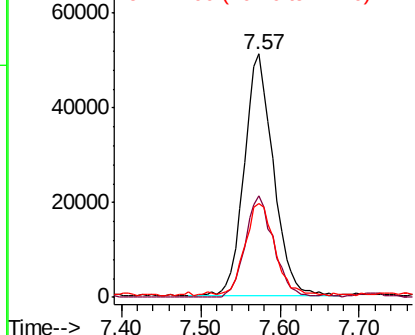
#29
Tetrahydrofuran
Concen: 105.172 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBS01

Tgt Ion: 42 Resp: 131415
Ion Ratio Lower Upper
42 100
72 40.9 33.4 50.2
71 39.8 31.0 46.4

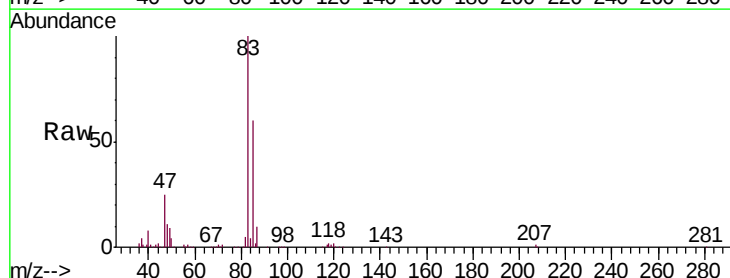


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

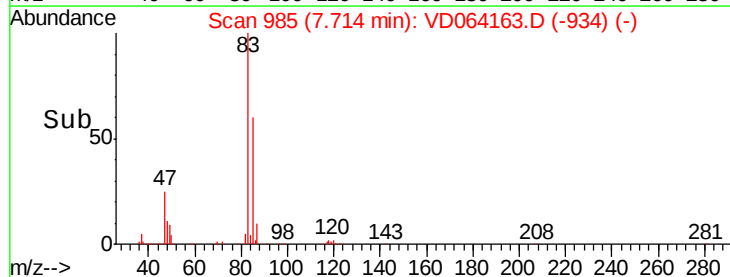
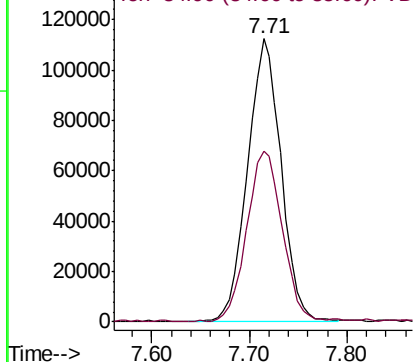


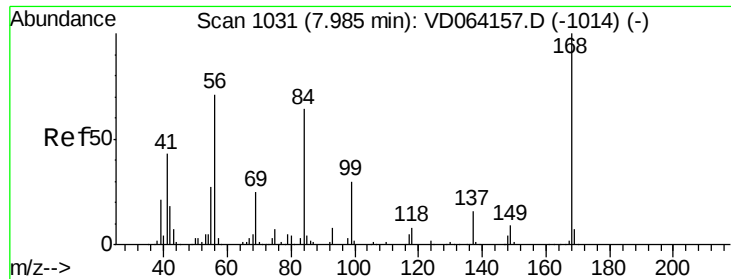
#30
Chloroform
Concen: 19.947 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion: 83 Resp: 269809
Ion Ratio Lower Upper
83 100
85 60.1 51.4 77.0



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

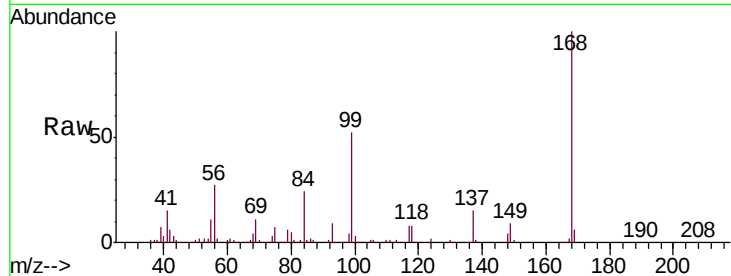




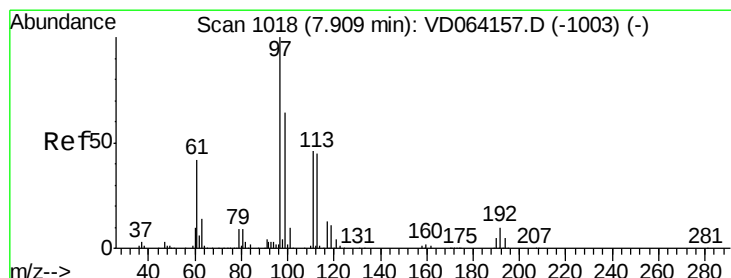
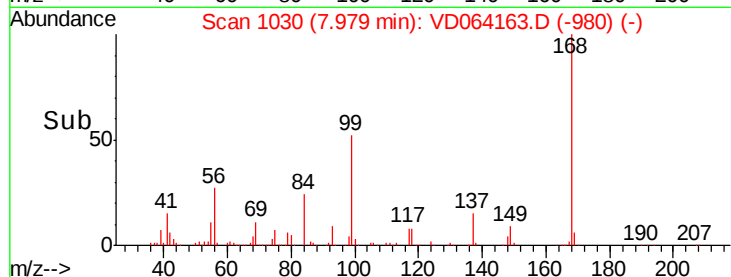
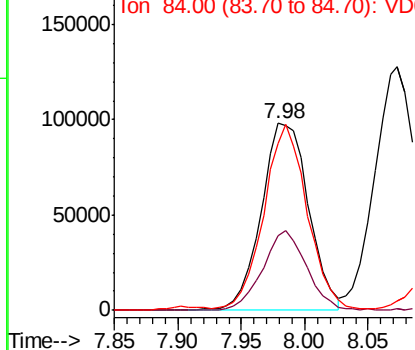
#31
Cyclohexane
Concen: 18.901 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

Tgt Ion: 56 Resp: 252068
Ion Ratio Lower Upper
56 100
69 40.0 28.2 42.4
84 87.9 71.8 107.6

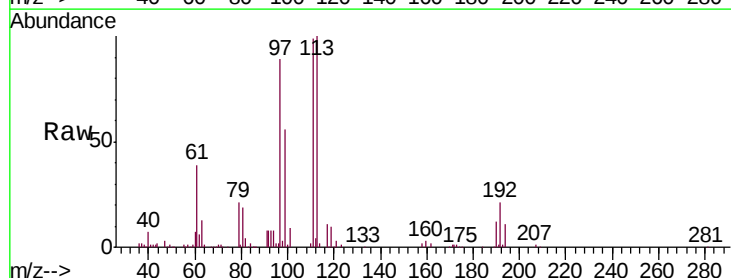


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

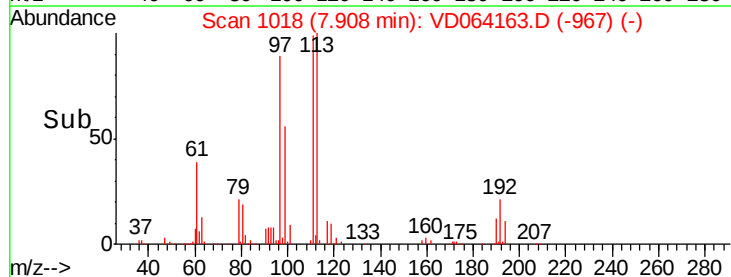
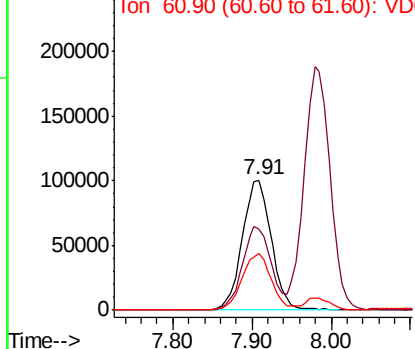


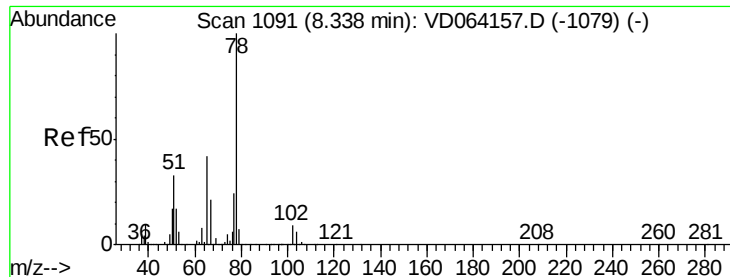
#32
1,1,1-Trichloroethane
Concen: 19.782 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion: 97 Resp: 256222
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 43.5 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

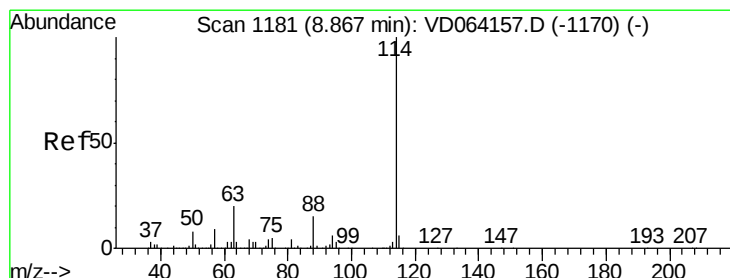
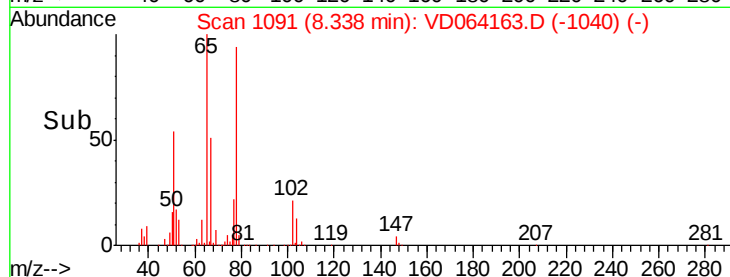
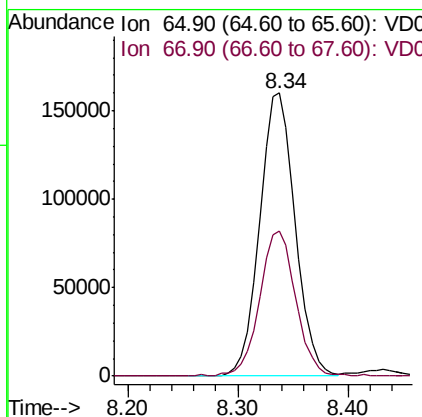
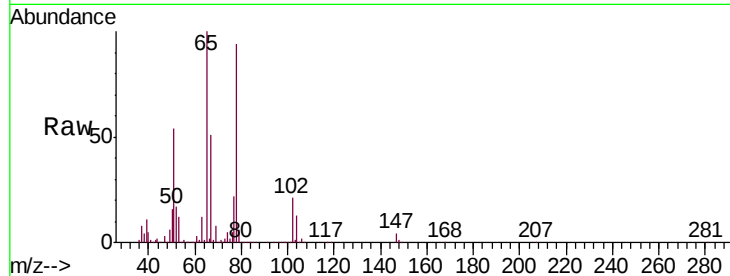




#33
 1,2-Dichloroethane-d4
 Concen: 52.830 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

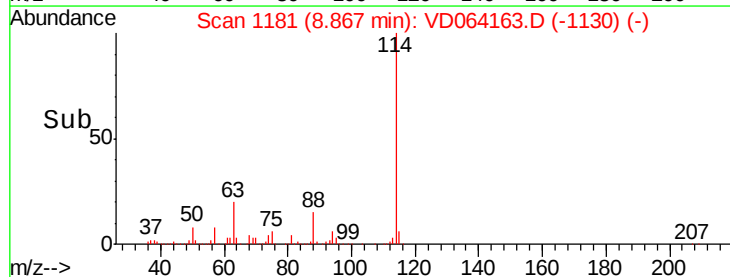
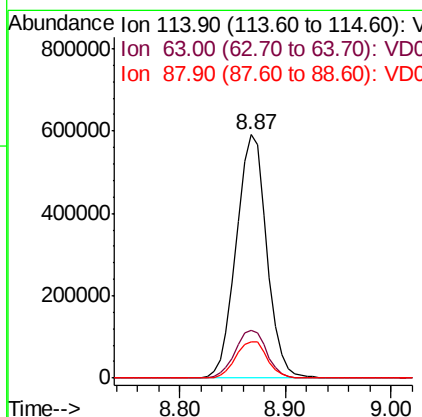
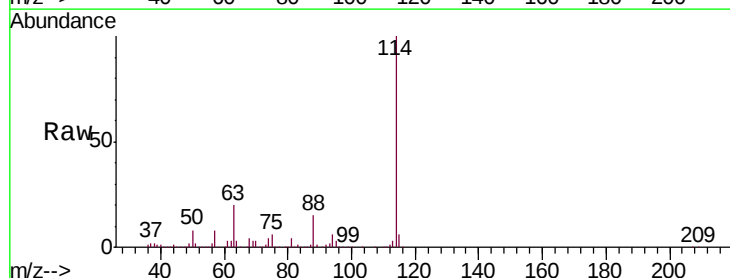
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBSD01

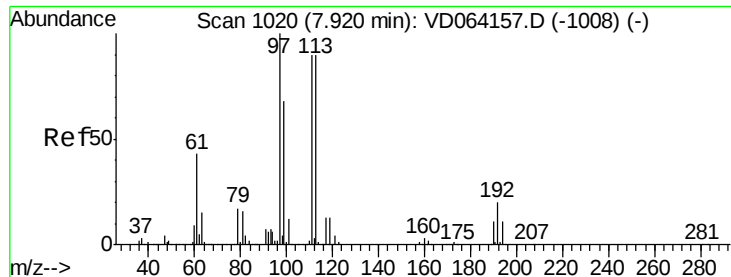
Tgt Ion: 65 Resp: 358977
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion: 114 Resp: 1182890
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 14.8 0.0 30.2

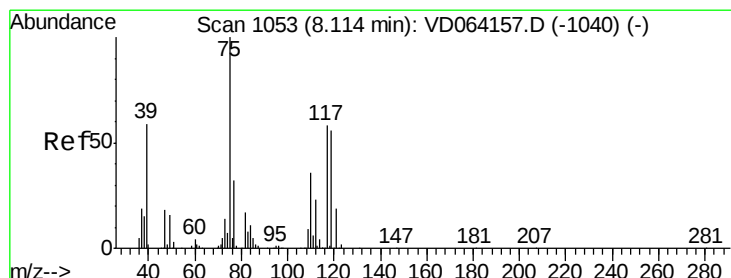
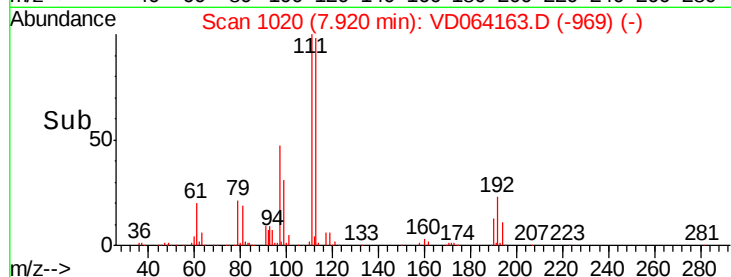
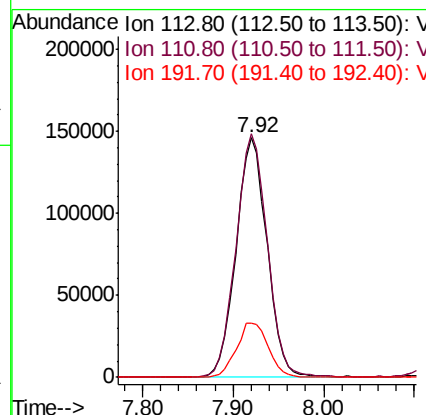
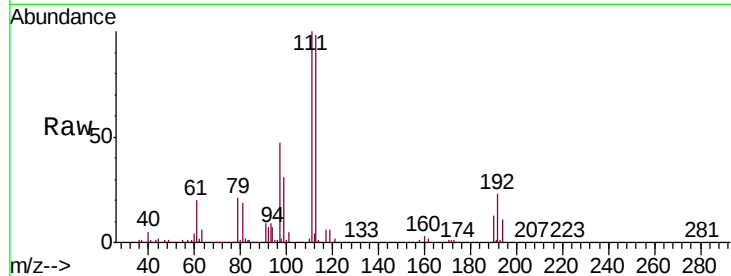




#35
 Dibromofluoromethane
 Concen: 51.203 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

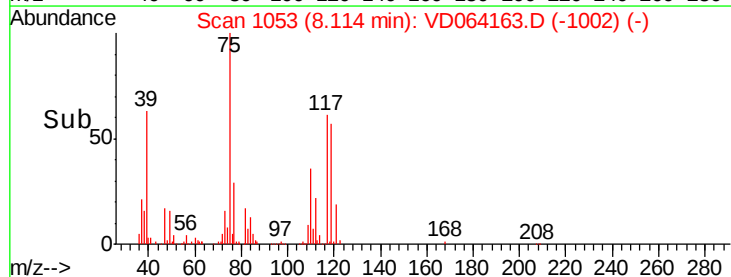
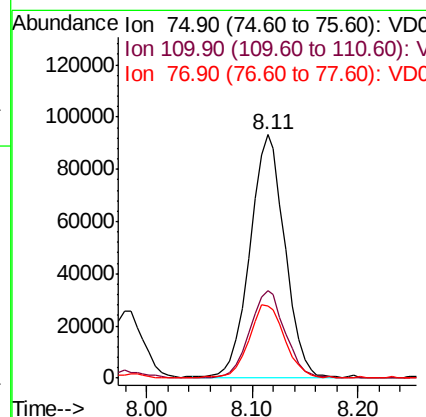
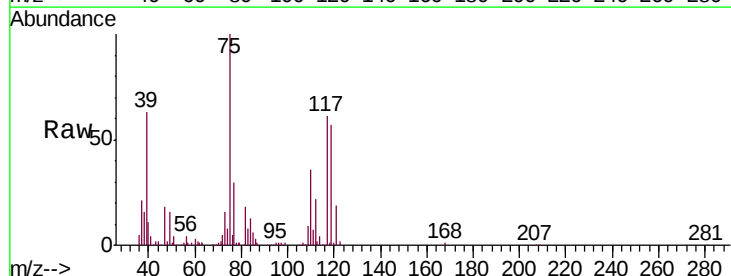
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBS01

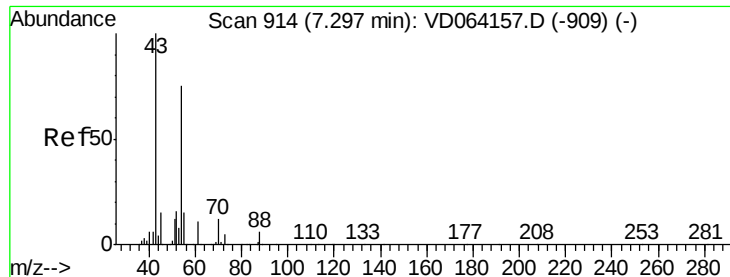
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	23.3	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 19.519 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.3	54.9
77	31.3	25.0	37.6

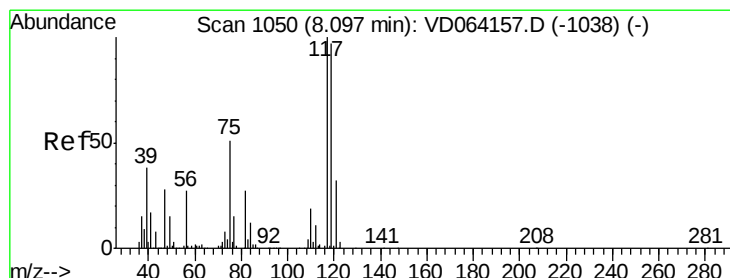
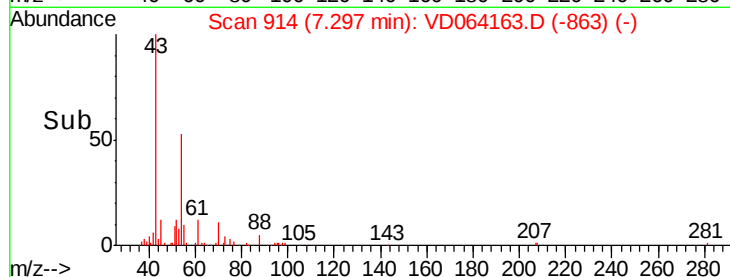
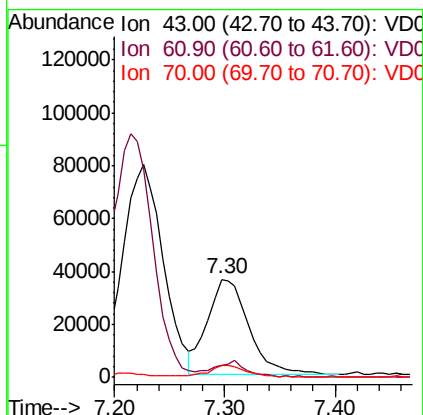
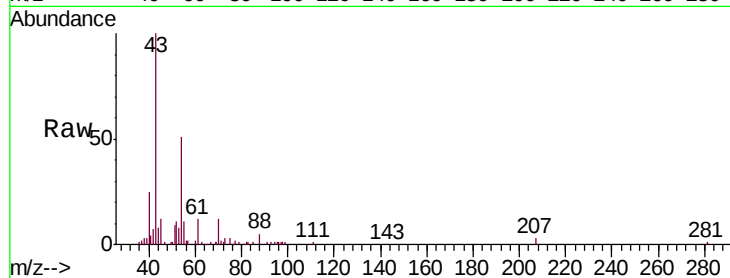




#37
Ethyl Acetate
Concen: 20.233 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

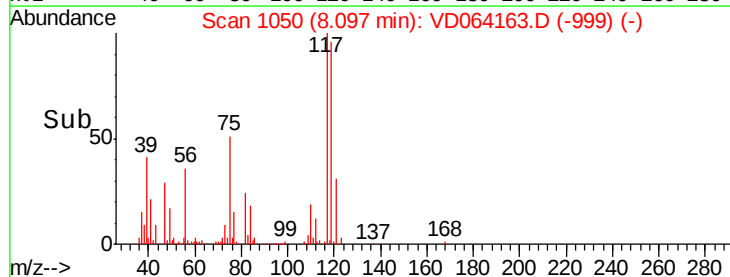
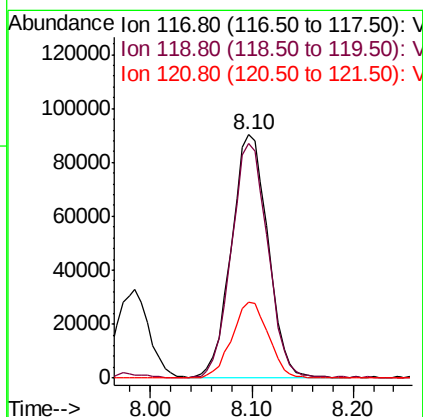
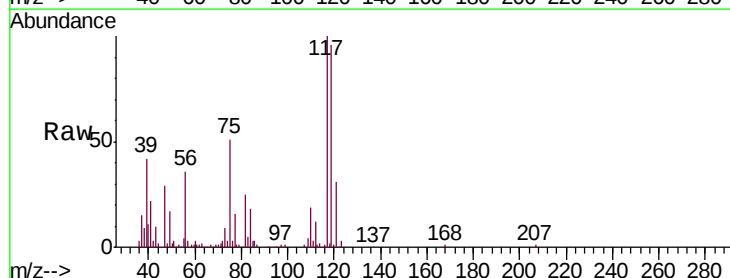
Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

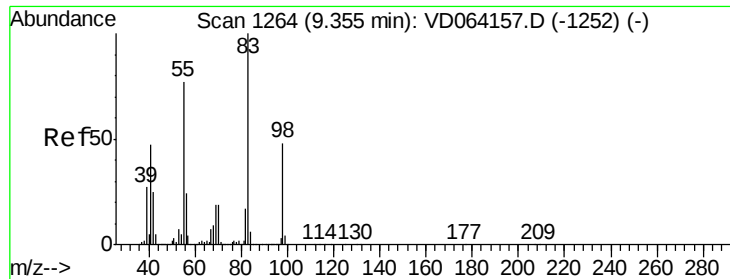
Tgt Ion: 43 Resp: 93121
Ion Ratio Lower Upper
43 100
61 12.5 10.2 15.2
70 11.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.282 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion: 117 Resp: 225245
Ion Ratio Lower Upper
117 100
119 96.7 77.2 115.8
121 31.3 25.5 38.3

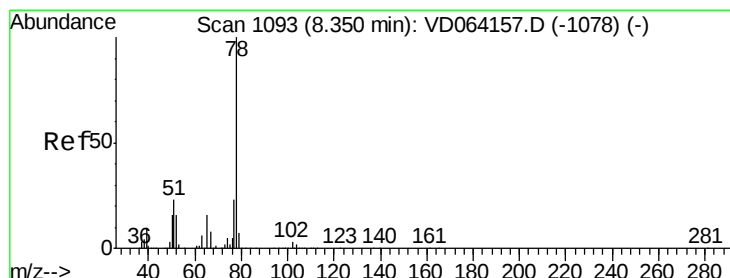
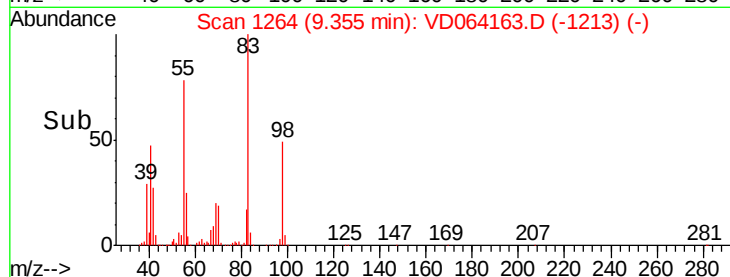
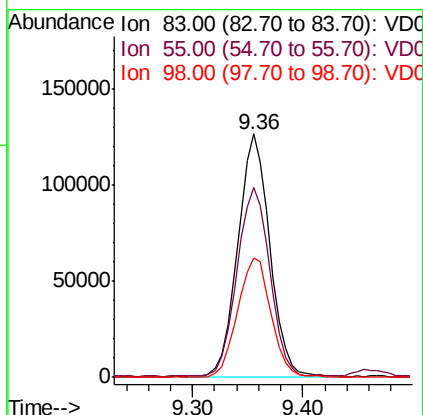
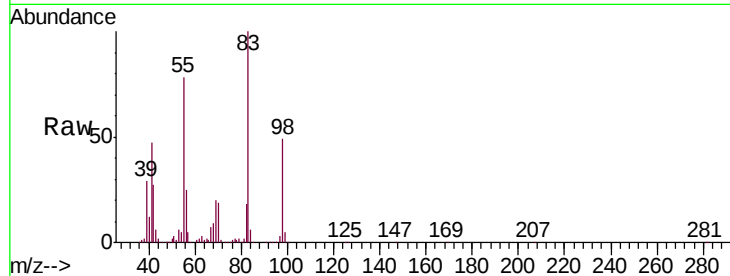




#39
Methylcyclohexane
Concen: 18.730 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

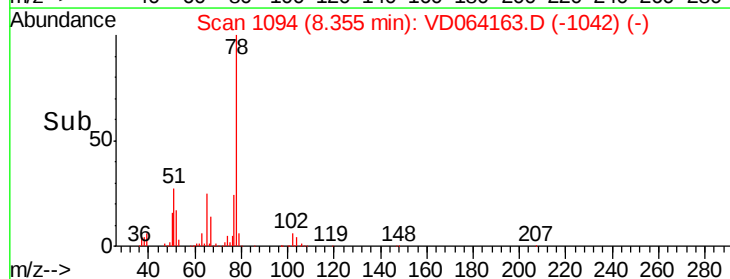
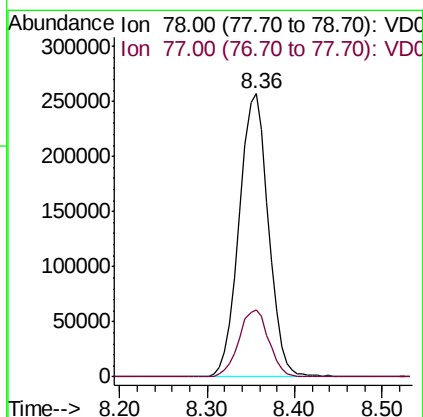
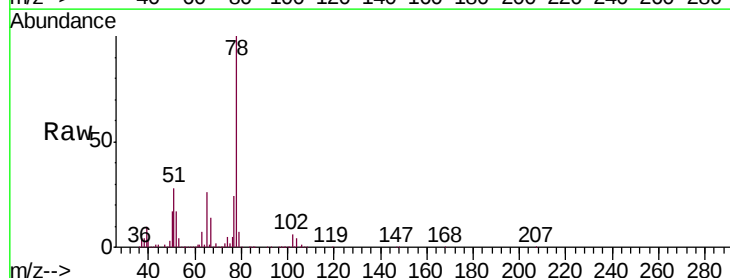
Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

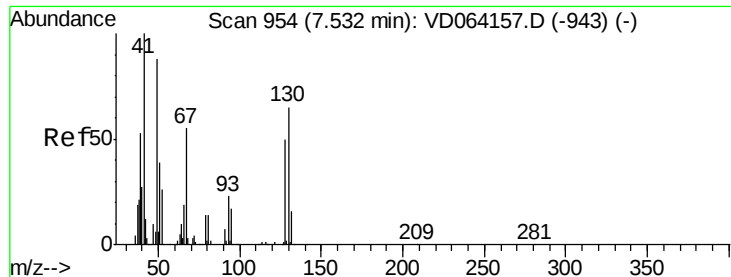
Tgt Ion: 83 Resp: 258735
Ion Ratio Lower Upper
83 100
55 77.7 61.7 92.5
98 49.2 38.6 58.0



#40
Benzene
Concen: 19.477 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion: 78 Resp: 581118
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

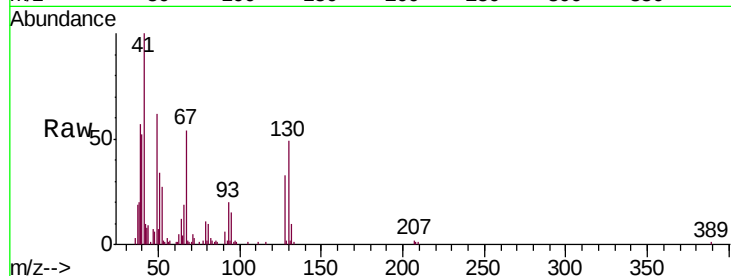




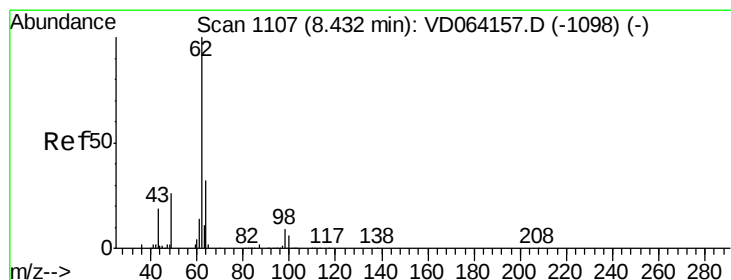
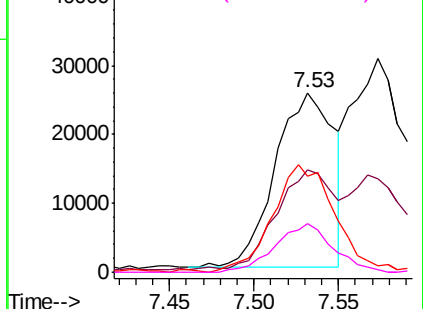
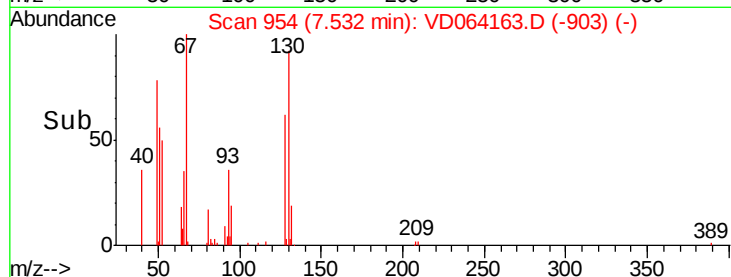
#41
Methacrylonitrile
Concen: 21.143 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

Tgt Ion:	41	Resp:	61160
Ion	Ratio	Lower	Upper
41	100		
39	55.5	49.4	74.2
67	66.2	49.6	74.4
52	27.2	21.4	32.0

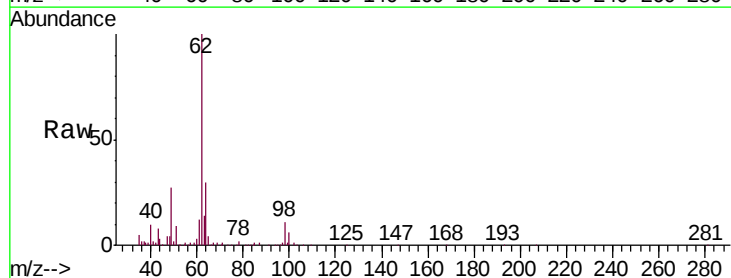


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

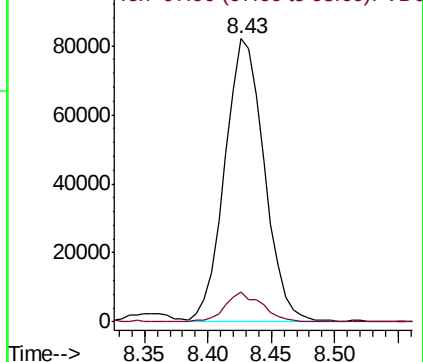
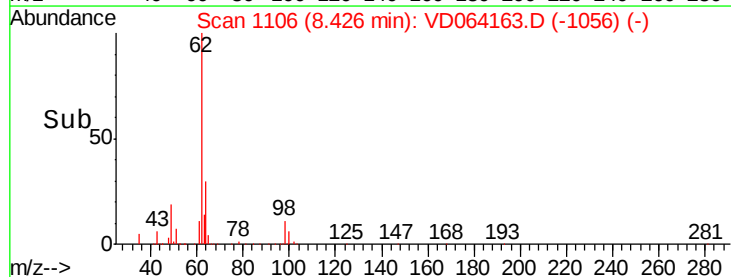


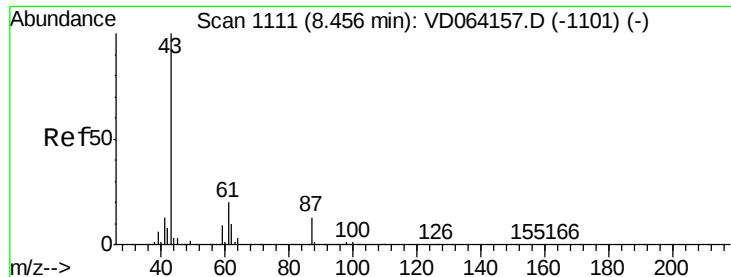
#42
1,2-Dichloroethane
Concen: 19.634 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion:	62	Resp:	175939
Ion	Ratio	Lower	Upper
62	100		
98	9.9	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: 20.401 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

VD1108SBS01

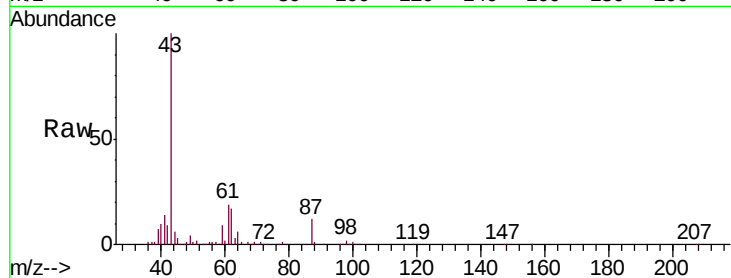
Tgt Ion: 43 Resp: 193458

Ion Ratio Lower Upper

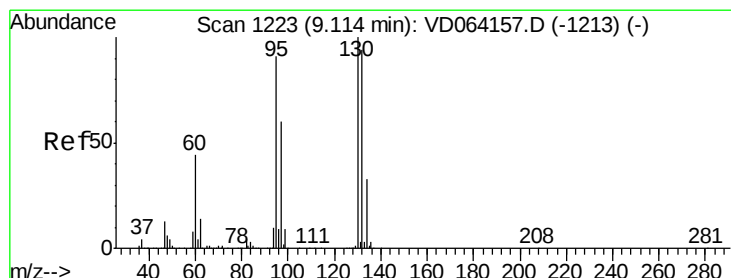
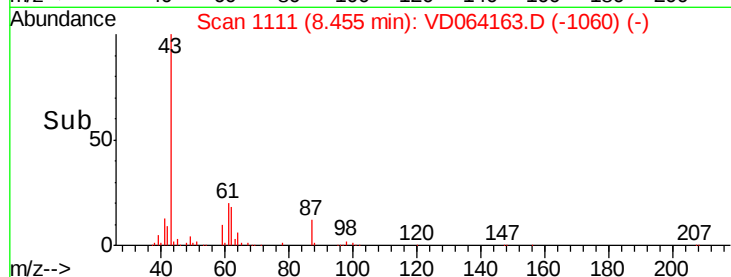
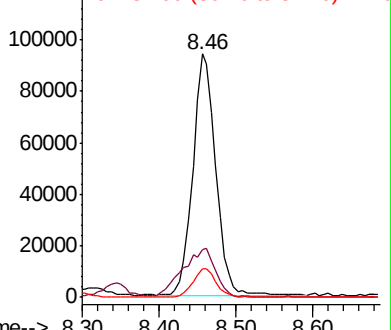
43 100

61 29.3 22.9 34.3

87 12.1 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.610 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD064163.D

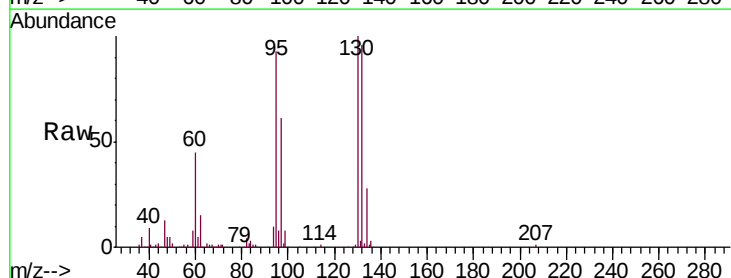
Acq: 08 Nov 2019 19:14

Tgt Ion: 130 Resp: 175610

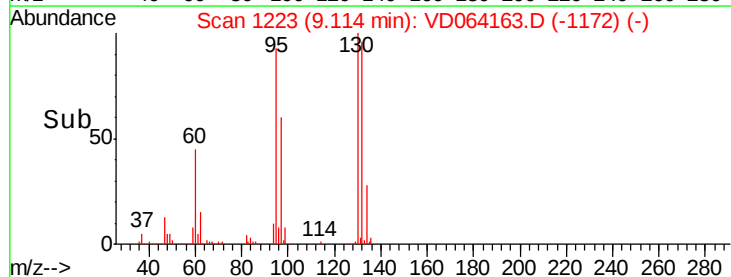
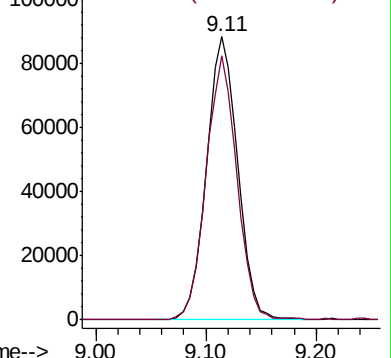
Ion Ratio Lower Upper

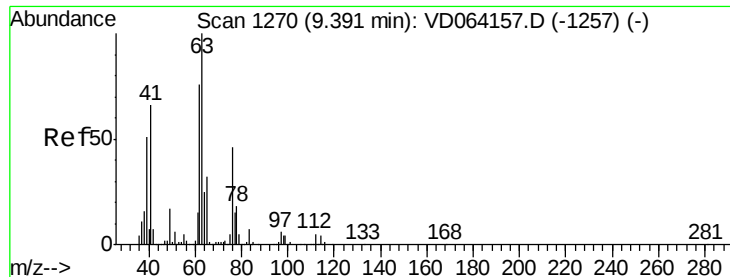
130 100

95 93.4 0.0 181.6



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





#45

1,2-Dichloropropane

Concen: 19.628 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

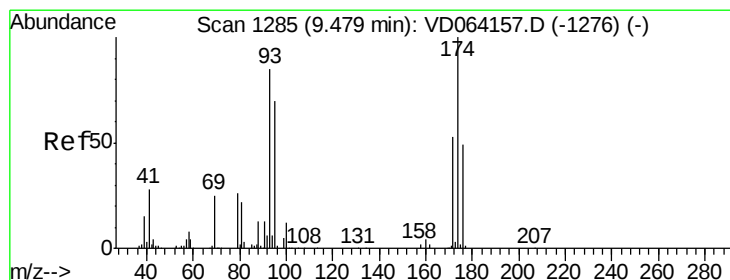
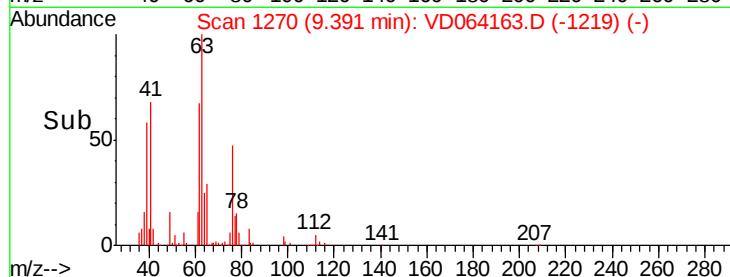
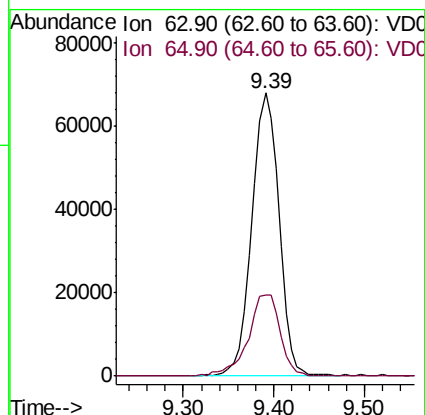
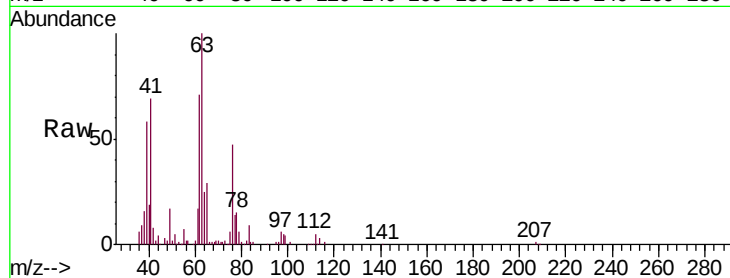
VD1108SBSD01

Tgt Ion: 63 Resp: 142540

Ion Ratio Lower Upper

63 100

65 28.9 25.7 38.5



#46

Dibromomethane

Concen: 19.706 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

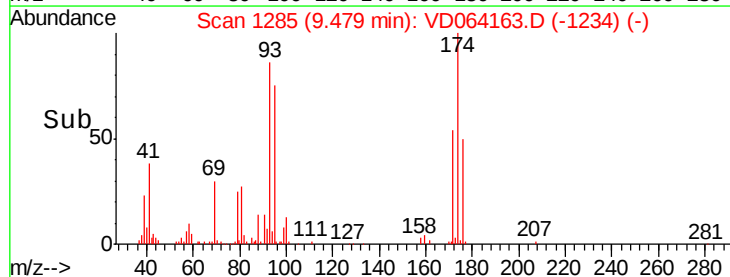
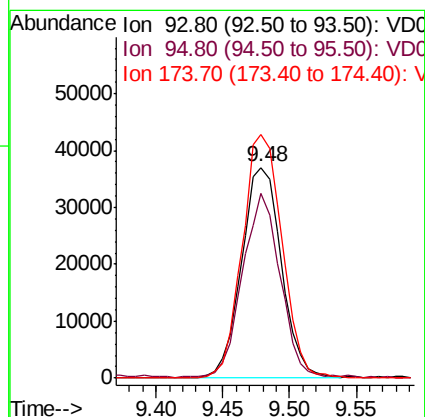
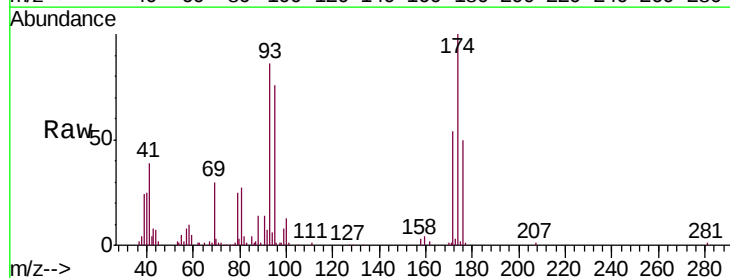
Tgt Ion: 93 Resp: 76612

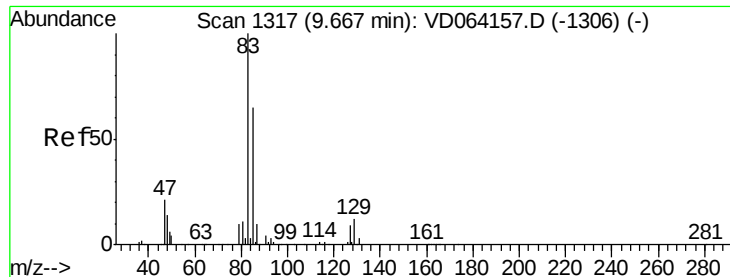
Ion Ratio Lower Upper

93 100

95 83.9 65.5 98.3

174 115.1 93.9 140.9





#47

Bromodichloromethane

Concen: 19.516 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

VD1108SBSD01

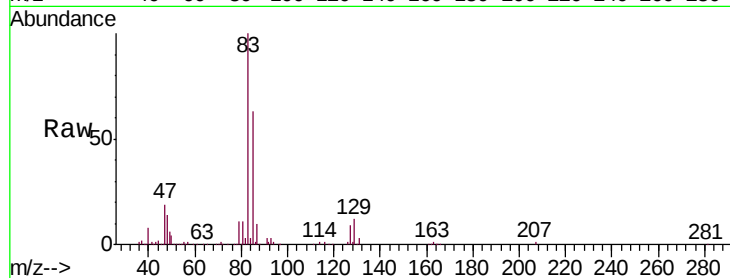
Tgt Ion: 83 Resp: 204374

Ion Ratio Lower Upper

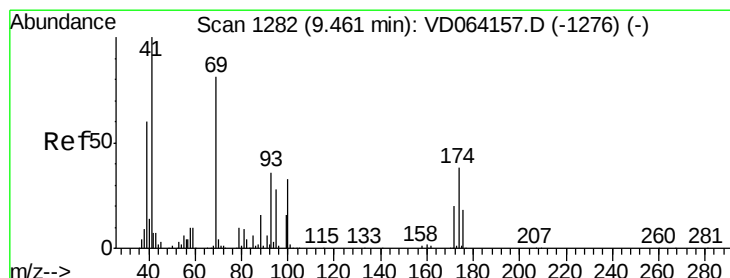
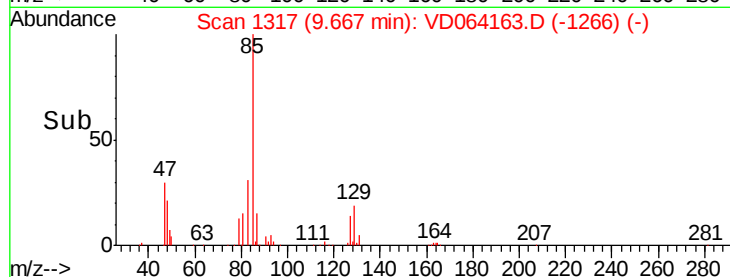
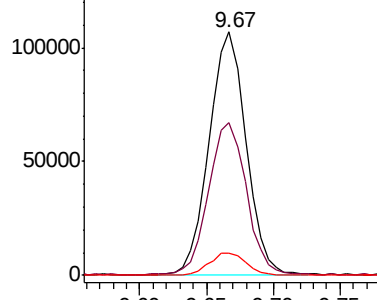
83 100

85 62.3 52.2 78.4

127 9.0 7.5 11.3



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



#48

Methyl methacrylate

Concen: 19.709 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

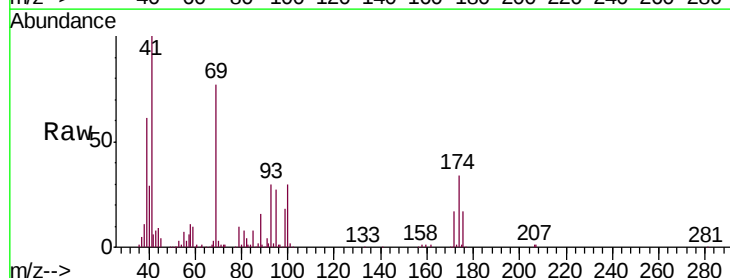
Tgt Ion: 41 Resp: 91388

Ion Ratio Lower Upper

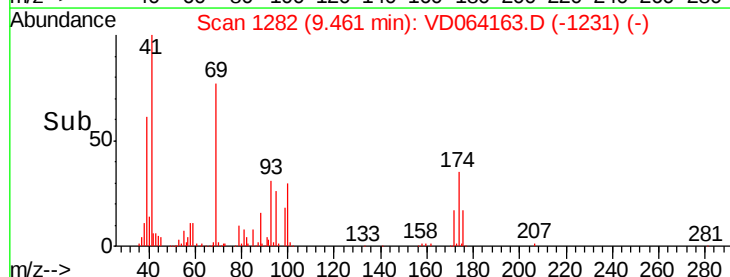
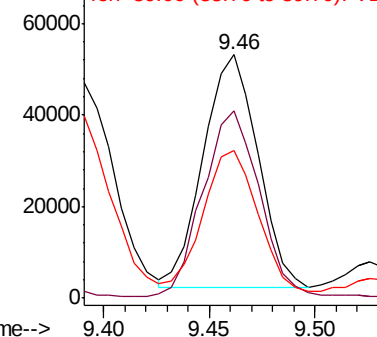
41 100

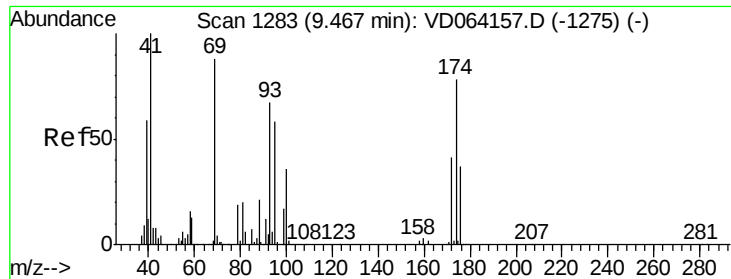
69 82.3 64.6 97.0

39 65.5 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

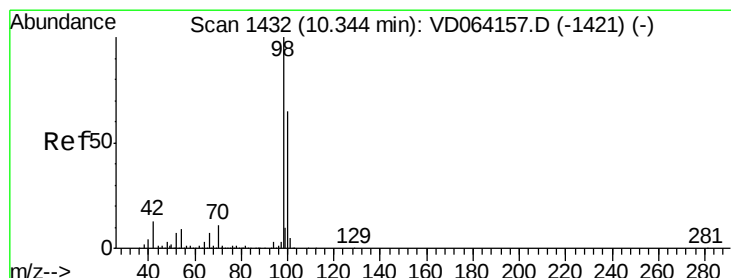
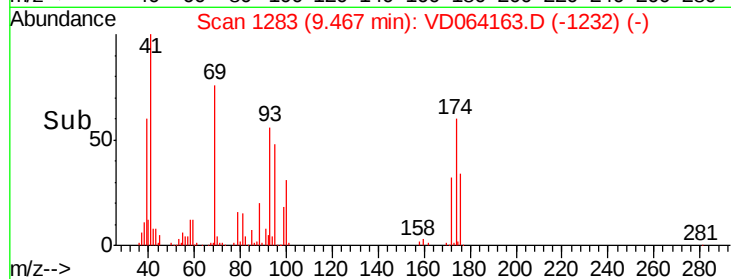
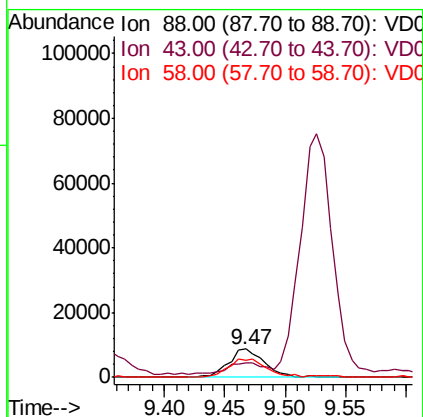
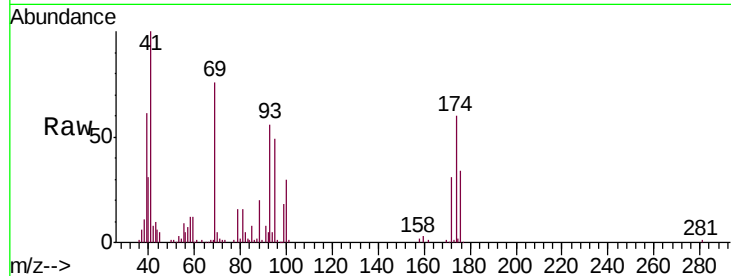




#49
1,4-Dioxane
Concen: 387.020 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

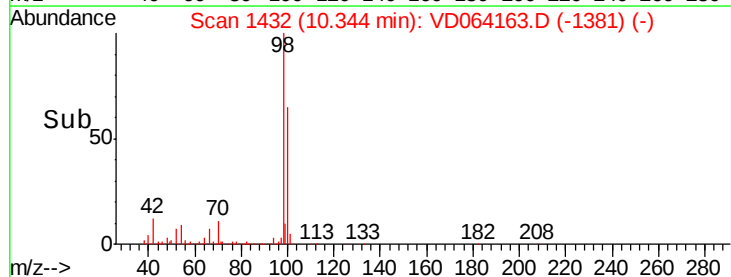
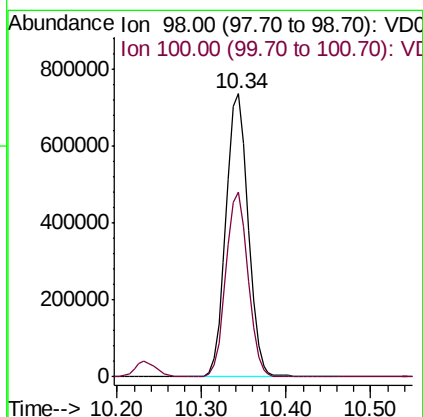
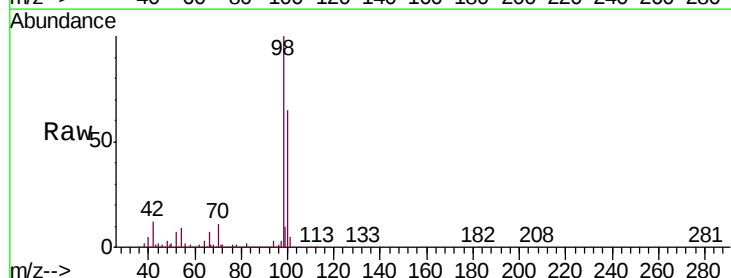
Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

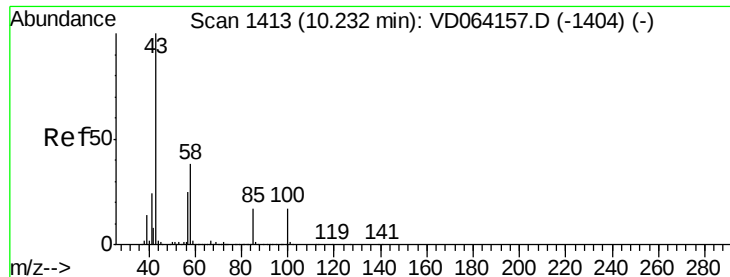
Tgt Ion: 88 Resp: 18071
Ion Ratio Lower Upper
88 100
43 46.7 29.8 44.8#
58 73.7 58.1 87.1



#50
Toluene-d8
Concen: 52.222 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion: 98 Resp: 1337645
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

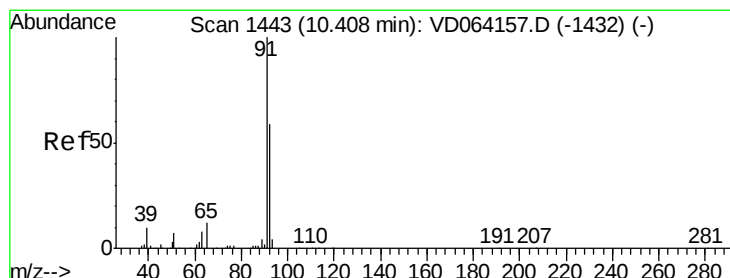
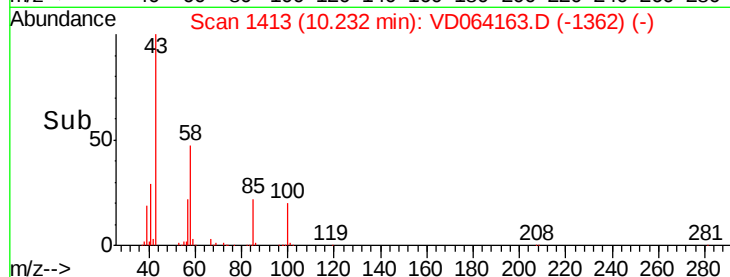
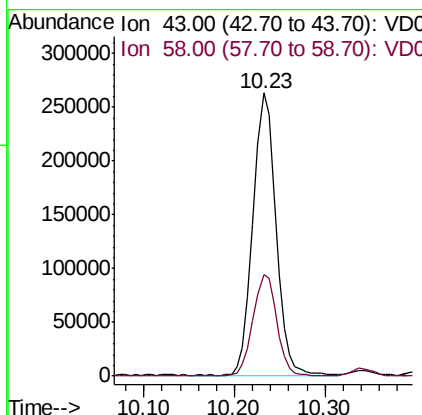
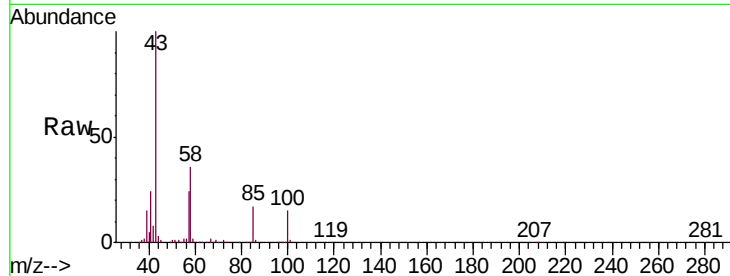




#51
 4-Methyl-2-Pentanone
 Concen: 102.388 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

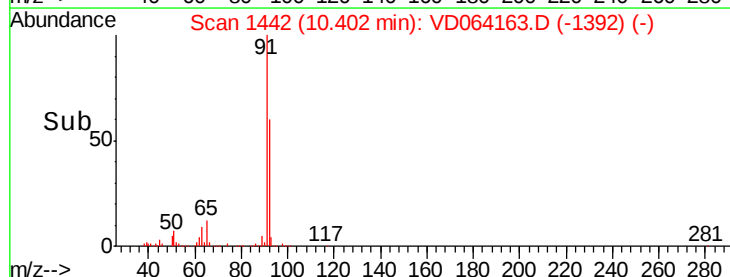
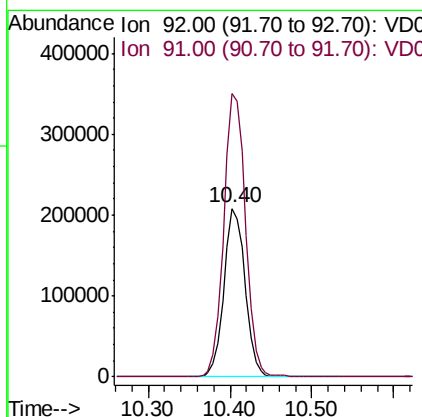
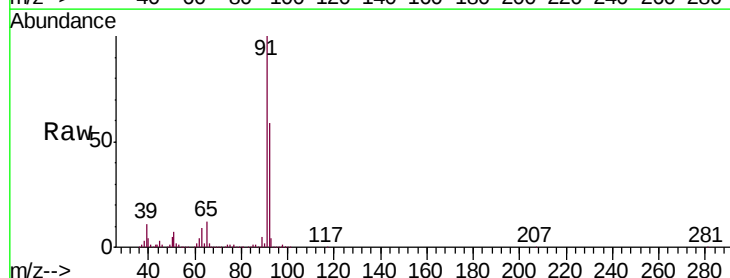
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBS01

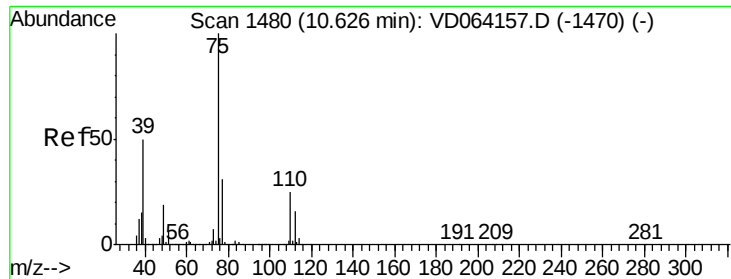
Tgt Ion: 43 Resp: 465598
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.2 45.4



#52
 Toluene
 Concen: 19.232 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion: 92 Resp: 377316
 Ion Ratio Lower Upper
 92 100
 91 172.1 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.616 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

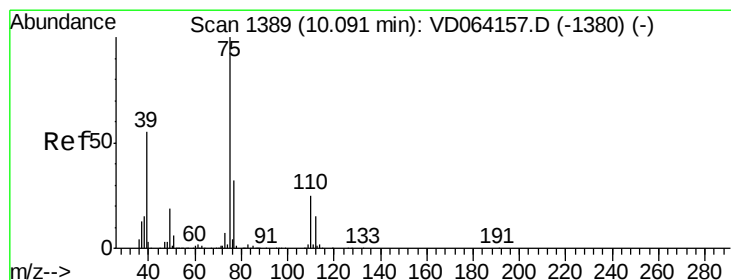
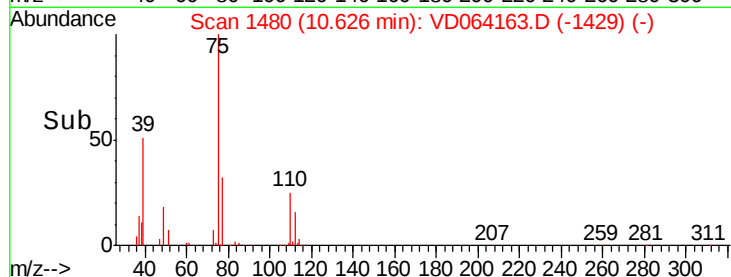
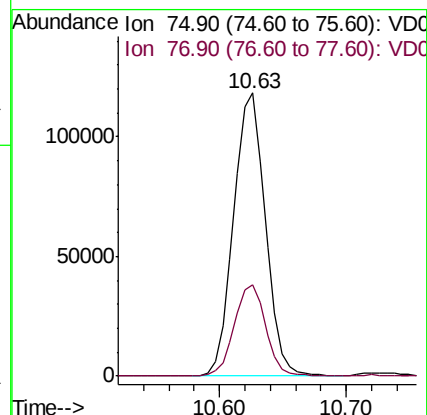
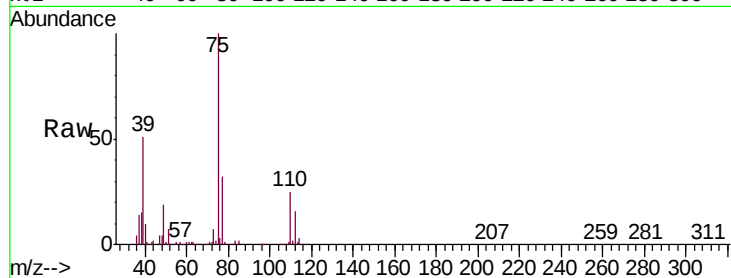
VD1108SBSD01

Tgt Ion: 75 Resp: 205803

Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 19.343 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

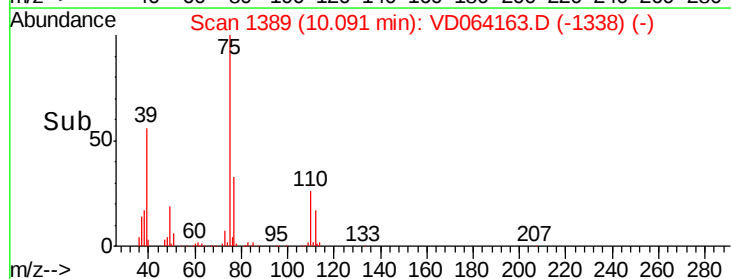
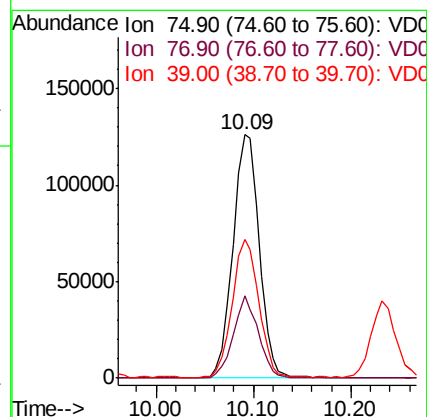
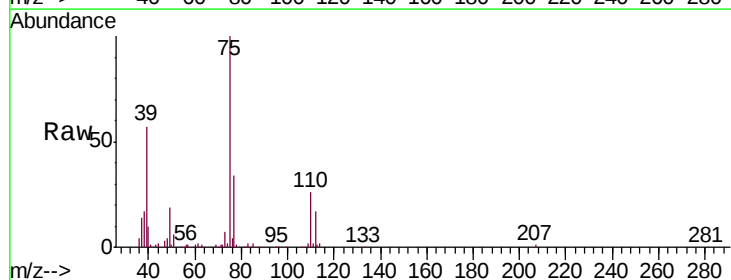
Tgt Ion: 75 Resp: 236811

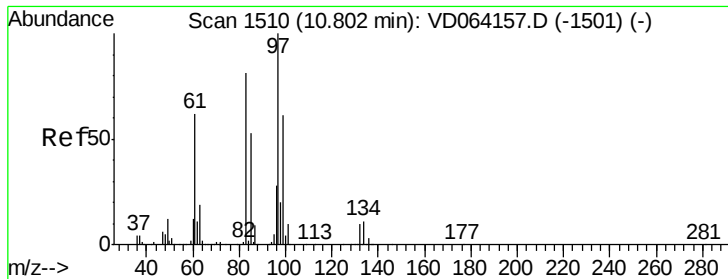
Ion Ratio Lower Upper

75 100

77 33.7 25.2 37.8

39 56.6 44.2 66.2

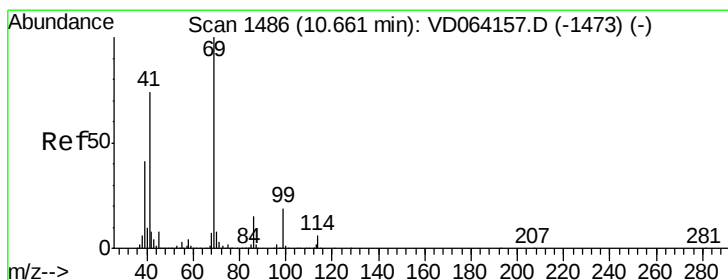
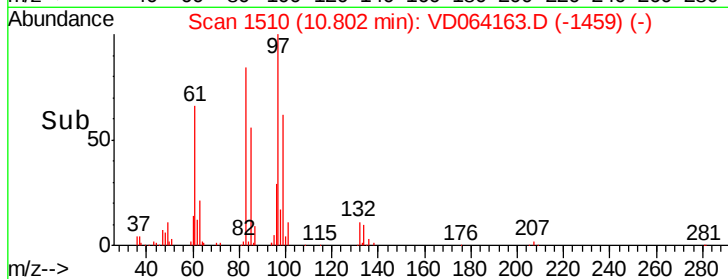
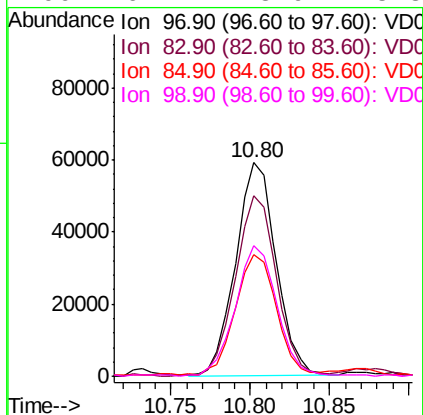
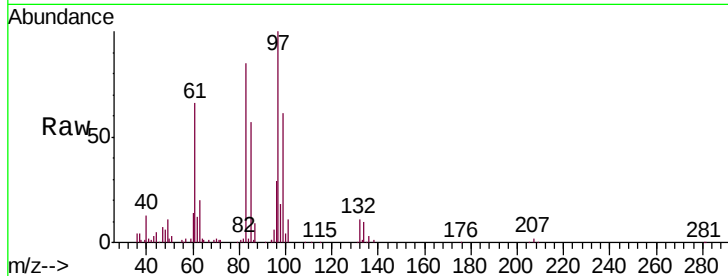




#55
 1,1,2-Trichloroethane
 Concen: 19.873 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

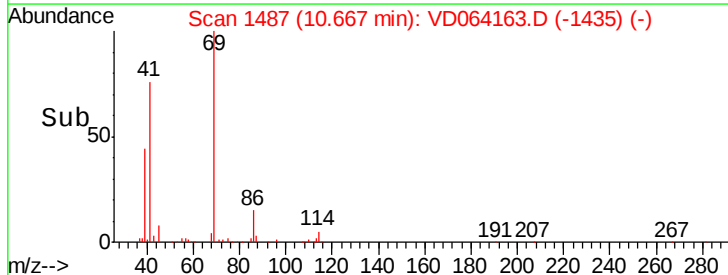
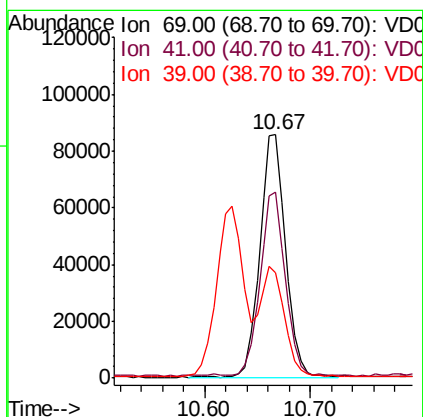
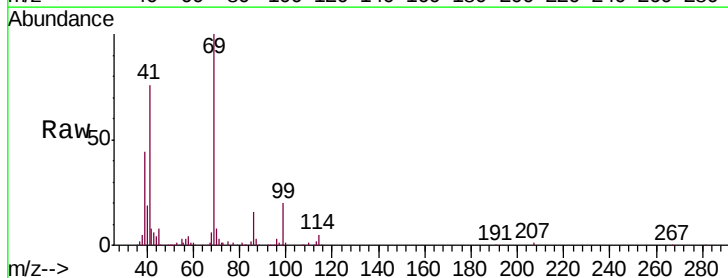
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBSD01

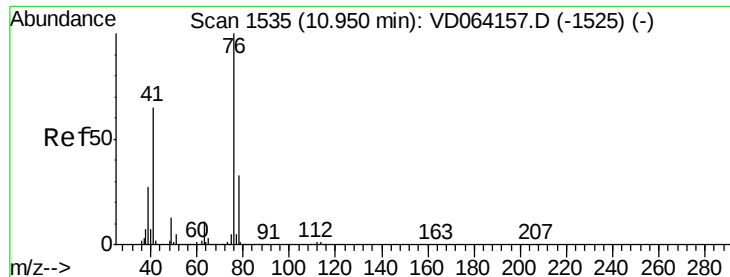
Tgt Ion:	97	Resp:	104812
Ion	Ratio	Lower	Upper
97	100		
83	84.2	65.1	97.7
85	55.8	42.0	63.0
99	61.1	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 19.759 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion:	69	Resp:	145781
Ion	Ratio	Lower	Upper
69	100		
41	73.2	57.9	86.9
39	44.1	29.0	43.4#

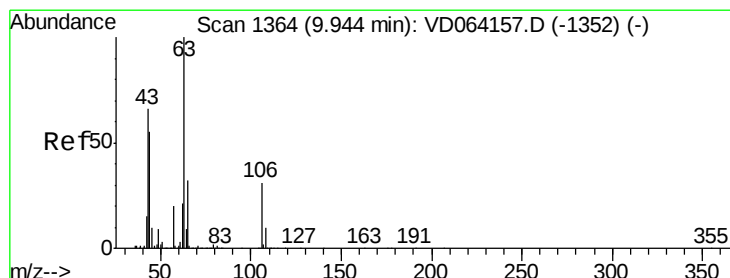
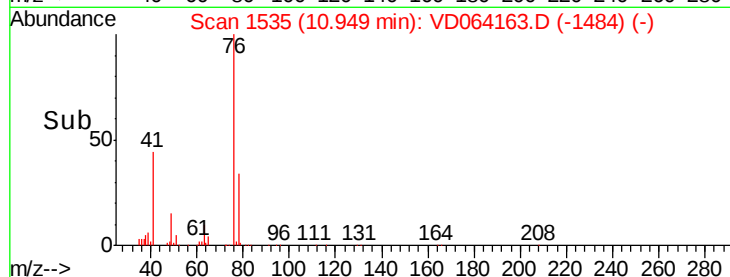
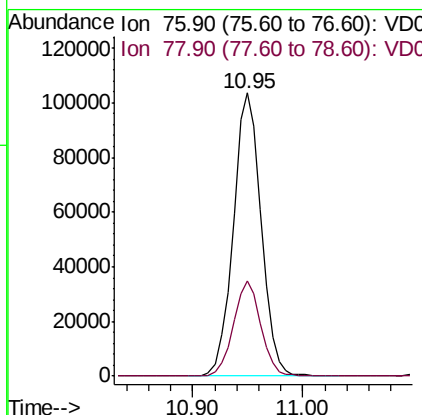
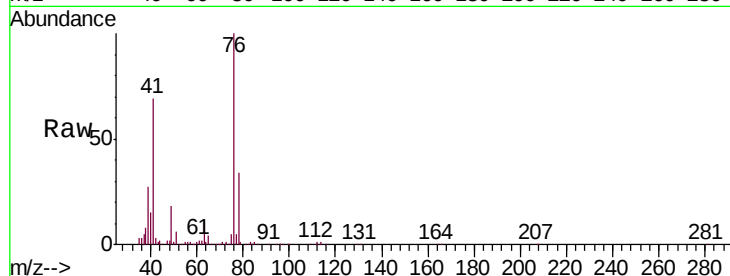




#57
 1,3-Dichloropropane
 Concen: 19.882 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

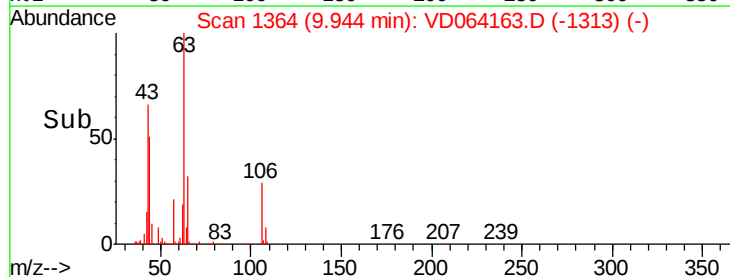
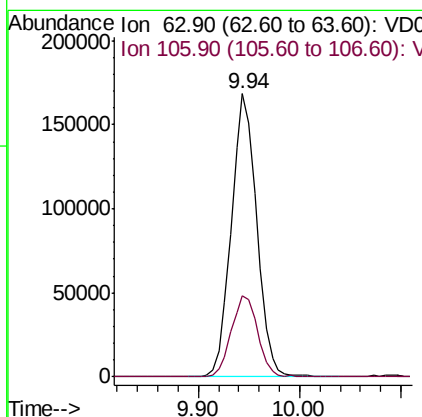
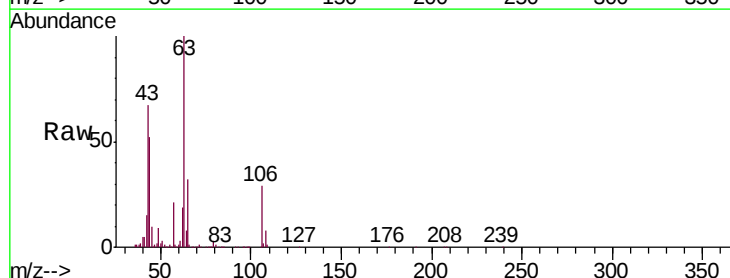
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBSD01

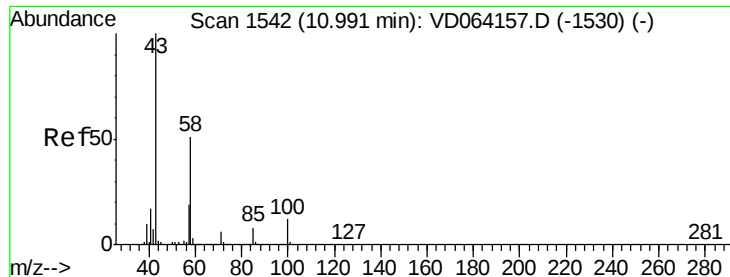
Tgt Ion: 76 Resp: 182873
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.142 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion: 63 Resp: 293304
 Ion Ratio Lower Upper
 63 100
 106 29.7 24.1 36.1

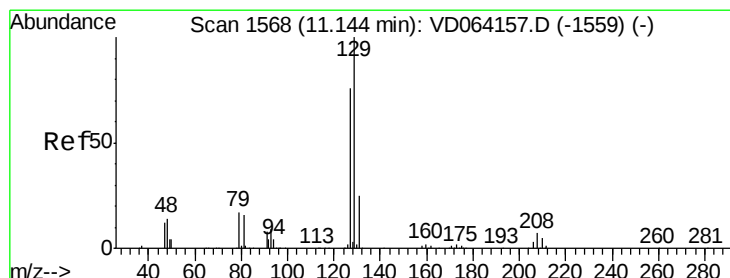
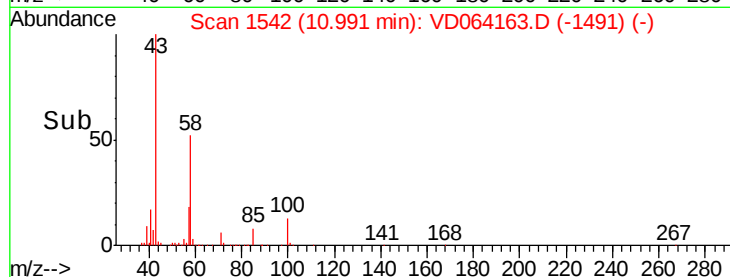
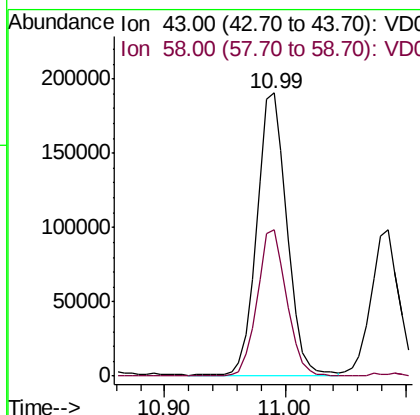
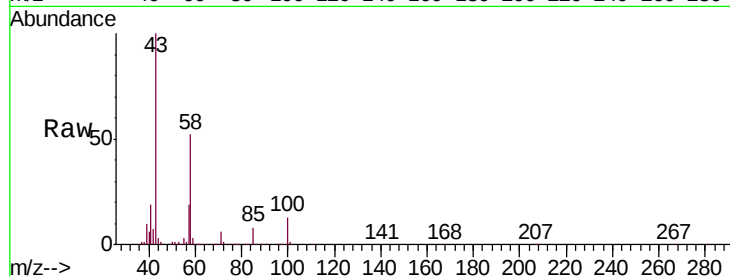




#59
2-Hexanone
Concen: 100.846 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

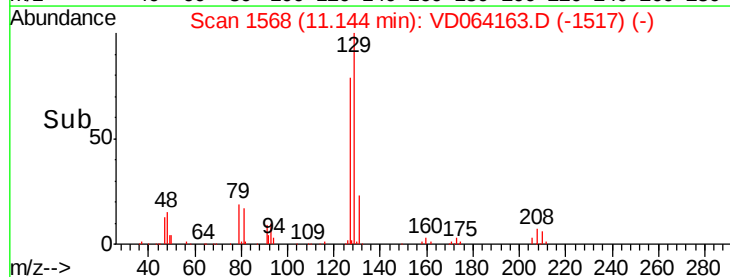
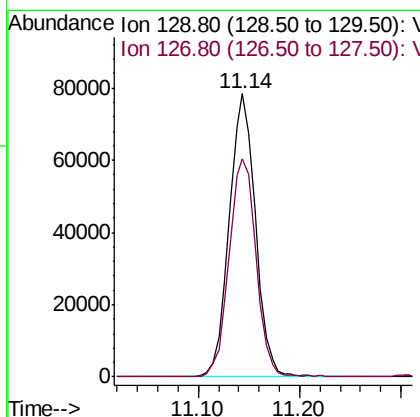
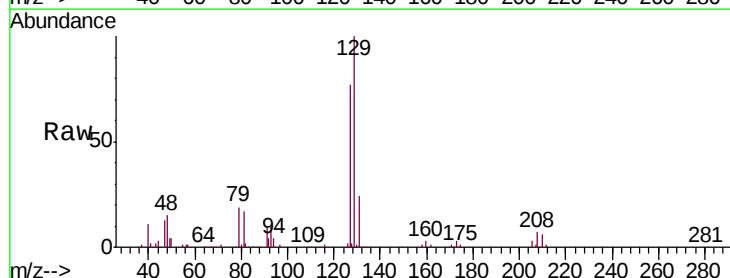
Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

Tgt Ion: 43 Resp: 326260
Ion Ratio Lower Upper
43 100
58 50.9 25.9 77.7



#60
Dibromochloromethane
Concen: 19.131 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion: 129 Resp: 140792
Ion Ratio Lower Upper
129 100
127 79.4 38.6 115.8

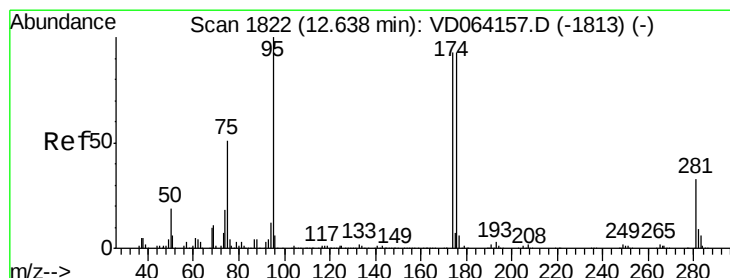
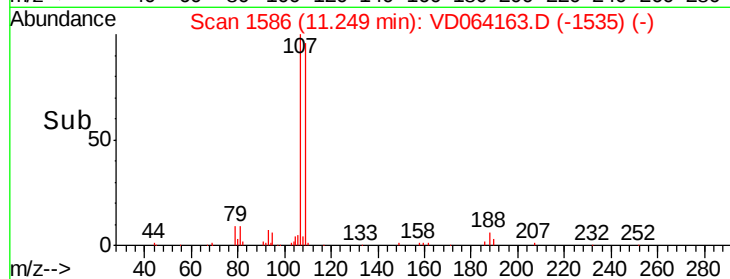
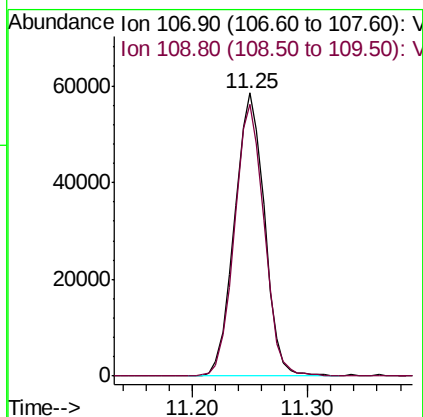
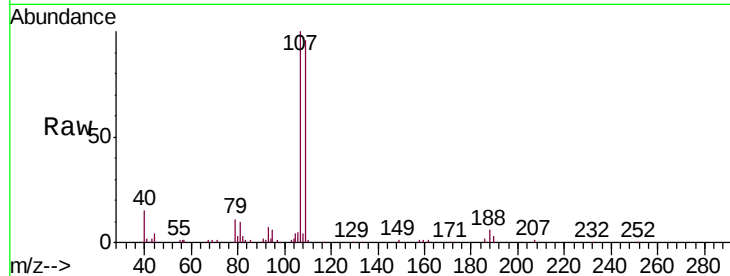




#61
 1,2-Dibromoethane
 Concen: 19.800 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

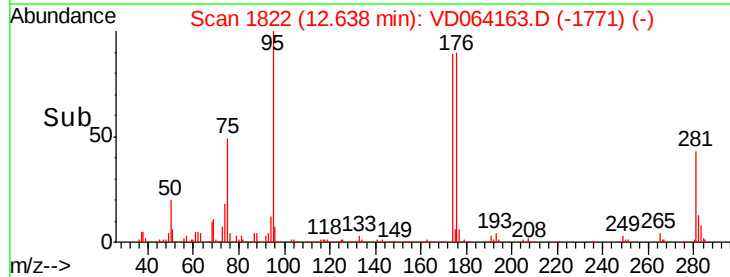
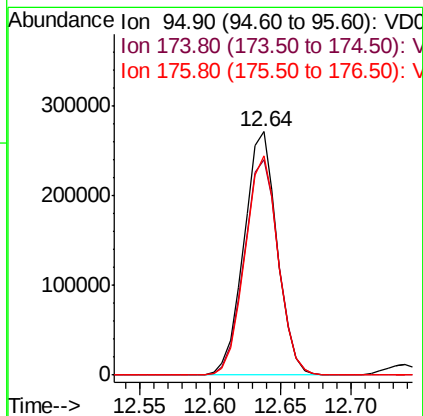
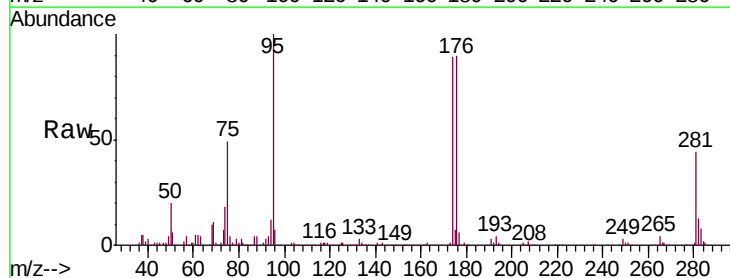
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBSD01

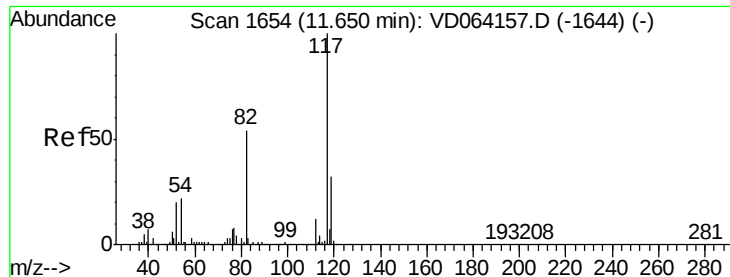
Tgt Ion: 107 Resp: 104597
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.496 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion: 95 Resp: 447929
 Ion Ratio Lower Upper
 95 100
 174 91.1 0.0 183.6
 176 90.3 0.0 180.2

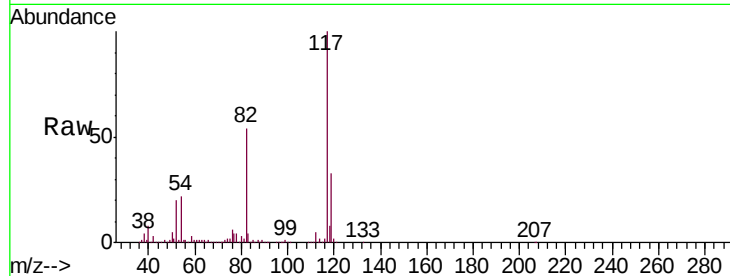




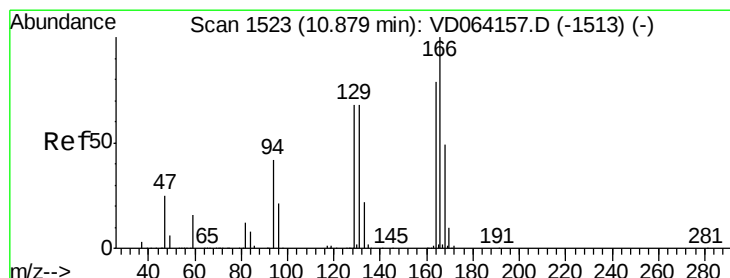
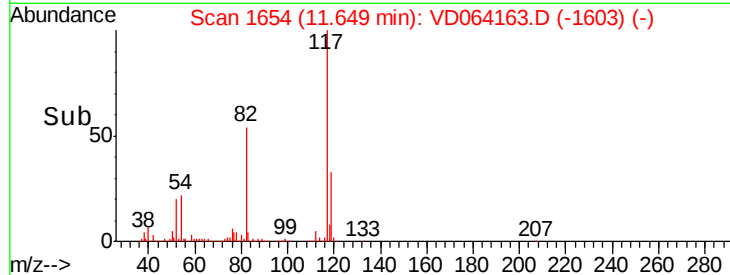
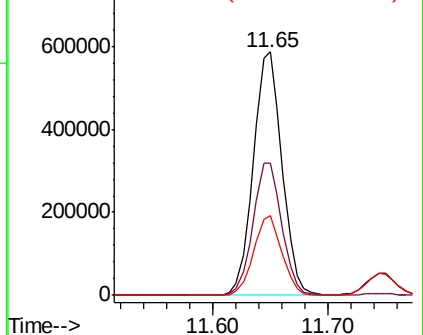
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

Tgt Ion:117 Resp: 1015097
Ion Ratio Lower Upper
117 100
82 54.2 42.8 64.2
119 32.7 25.6 38.4

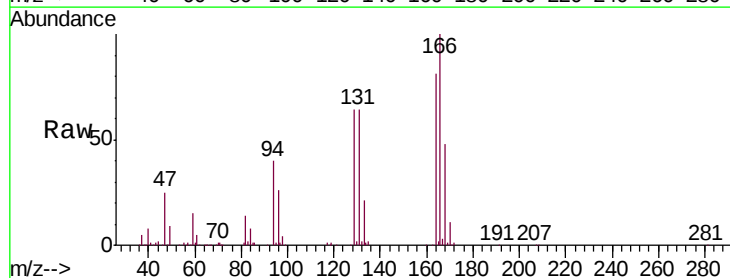


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

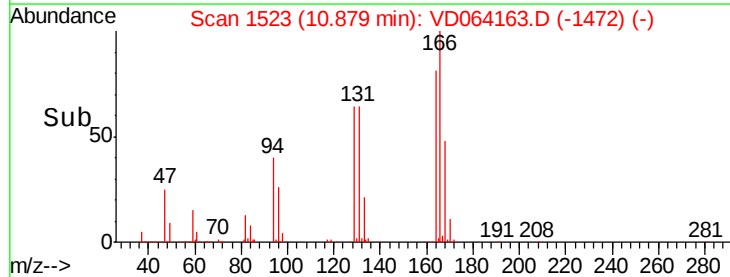
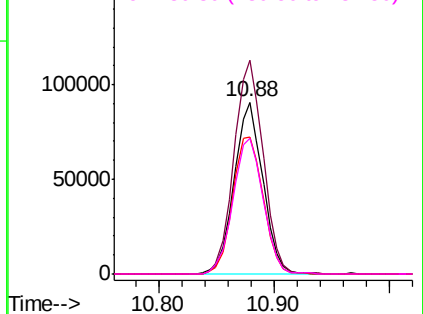


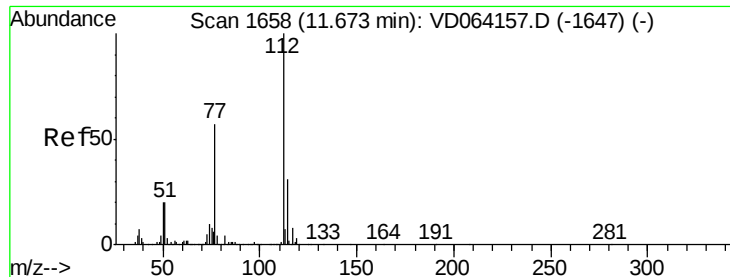
#64
Tetrachloroethene
Concen: 19.989 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion:164 Resp: 156057
Ion Ratio Lower Upper
164 100
166 124.2 100.8 151.2
129 79.3 68.7 103.1
131 79.1 68.1 102.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

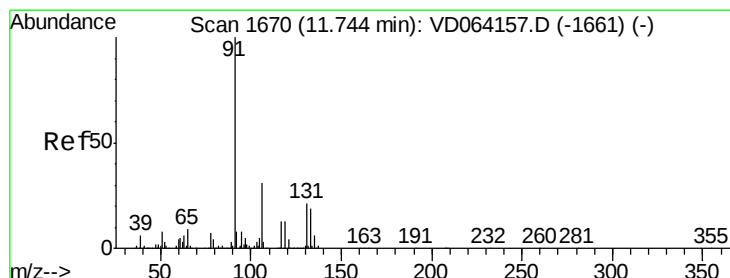
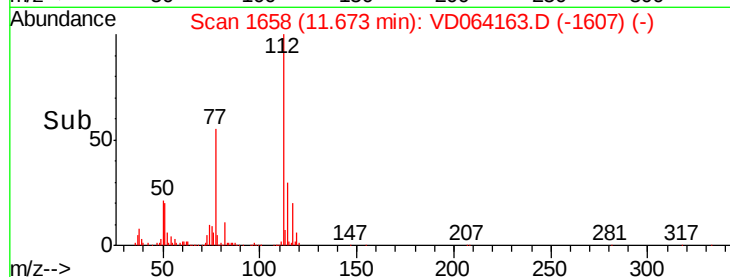
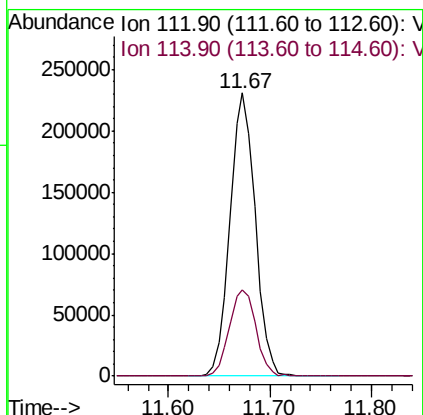
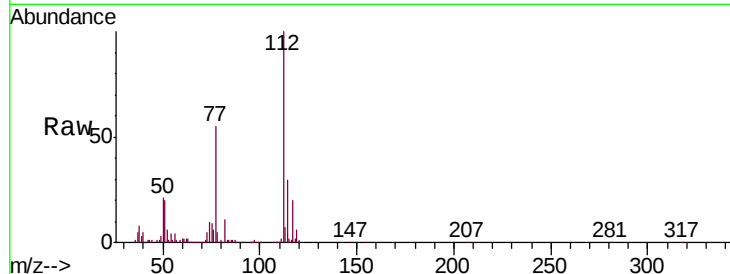




#65
Chlorobenzene
Concen: 19.350 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

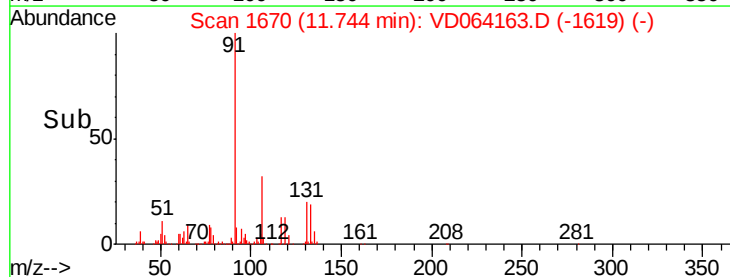
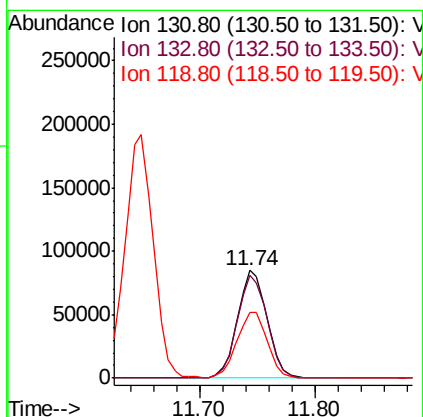
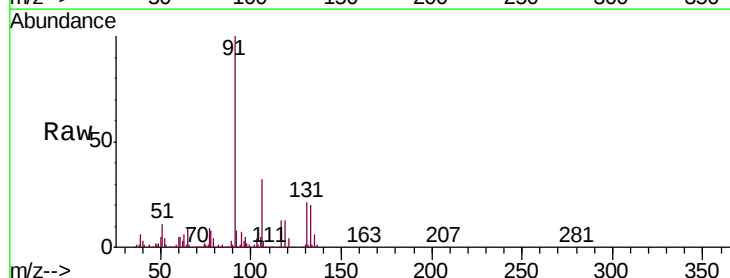
Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

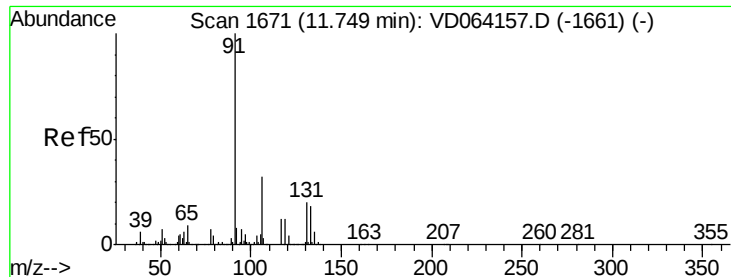
Tgt Ion:112 Resp: 399415
Ion Ratio Lower Upper
112 100
114 30.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.121 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion:131 Resp: 150077
Ion Ratio Lower Upper
131 100
133 97.2 47.3 141.9
119 63.5 31.1 93.3





#67

Ethyl Benzene

Concen: 19.427 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

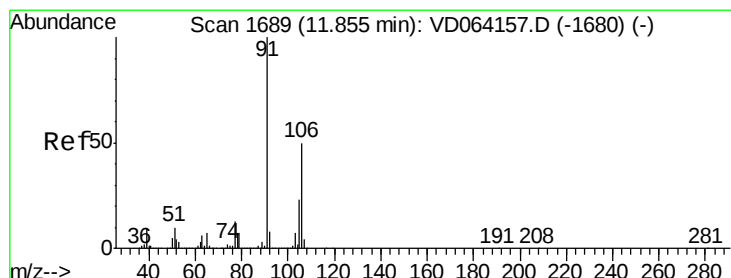
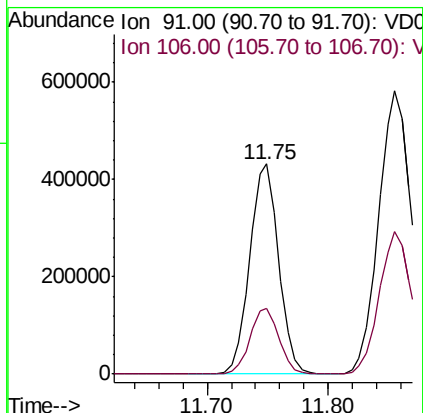
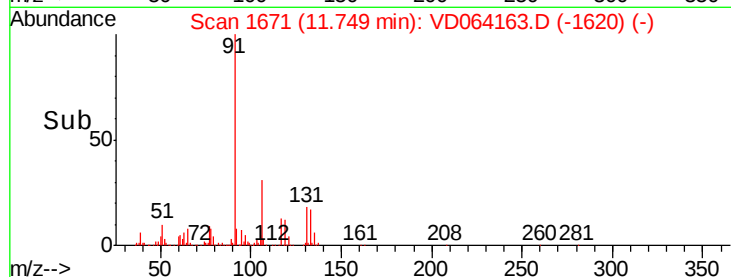
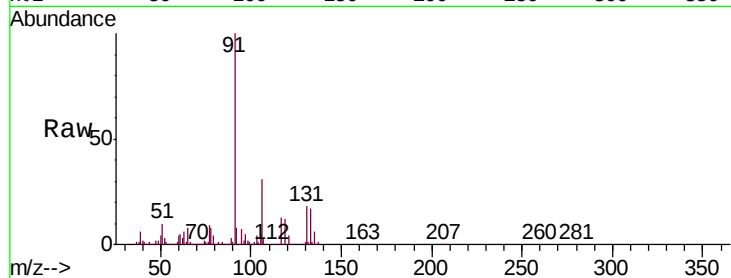
VD1108SBSD01

Tgt Ion: 91 Resp: 725372

Ion Ratio Lower Upper

91 100

106 31.4 25.5 38.3



#68

m/p-Xylenes

Concen: 38.181 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064163.D

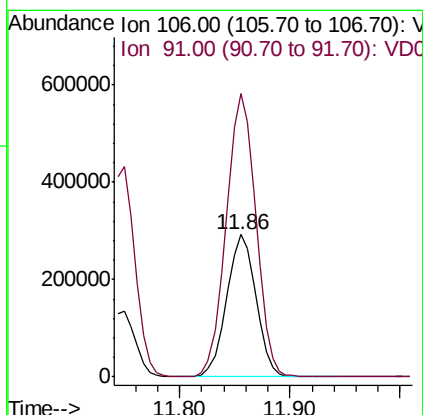
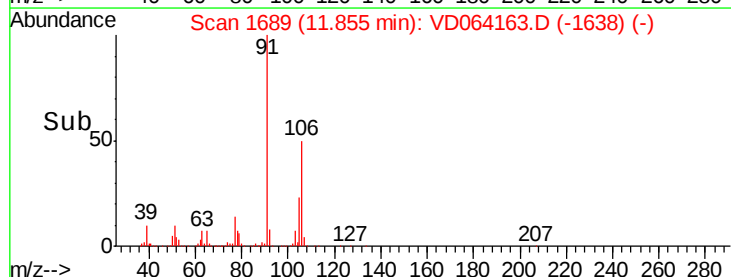
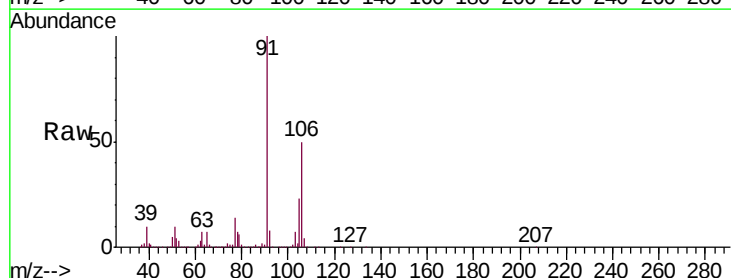
Acq: 08 Nov 2019 19:14

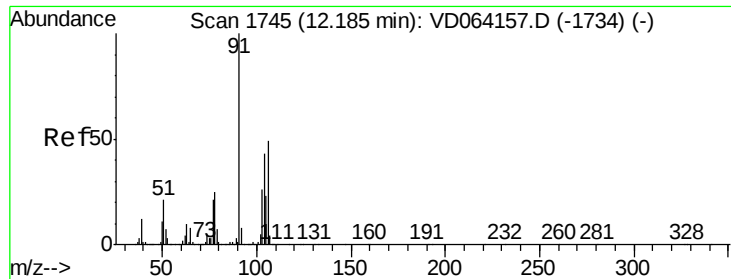
Tgt Ion: 106 Resp: 546440

Ion Ratio Lower Upper

106 100

91 201.1 160.3 240.5

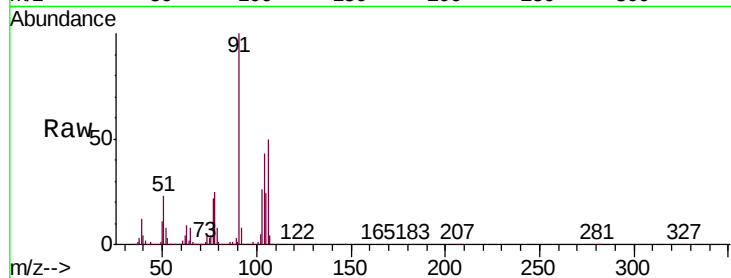




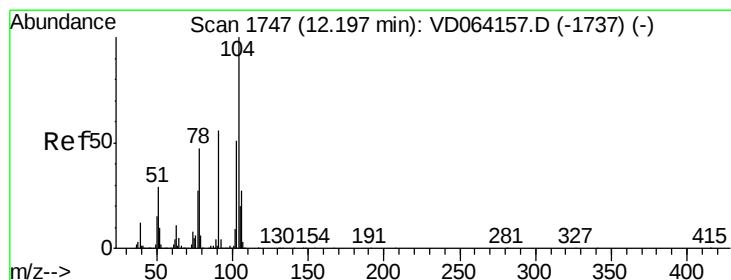
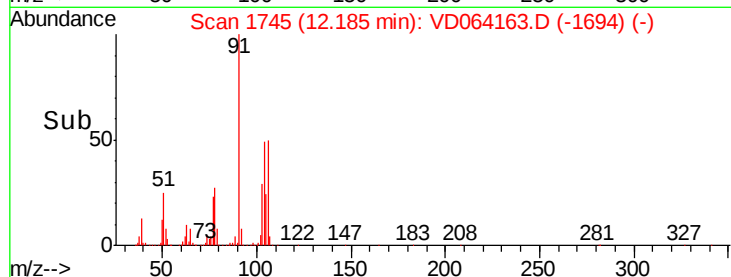
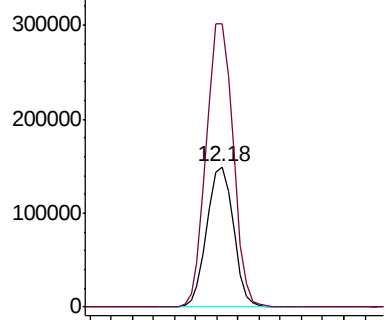
#69
o-Xylene
Concen: 19.667 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

Tgt Ion:106 Resp: 261051
Ion Ratio Lower Upper
106 100
91 204.8 105.1 315.3

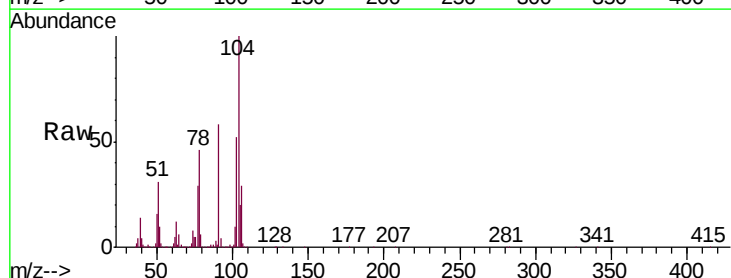


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

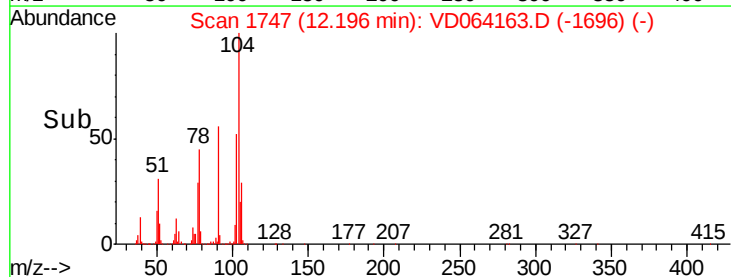
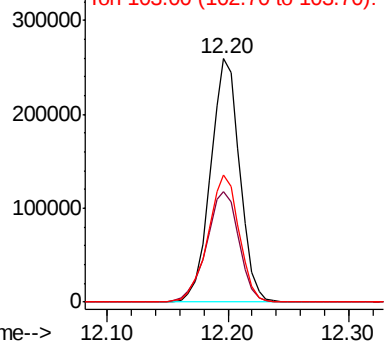


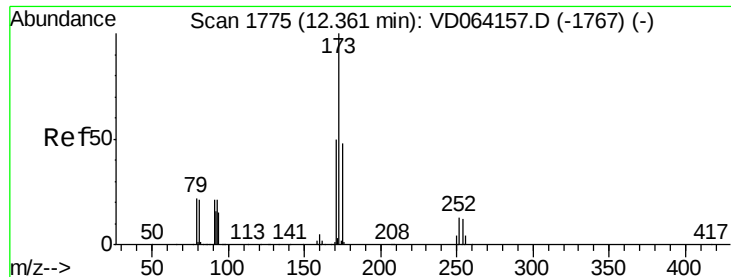
#70
Styrene
Concen: 18.809 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion:104 Resp: 435792
Ion Ratio Lower Upper
104 100
78 50.7 39.9 59.9
103 55.9 43.4 65.0



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

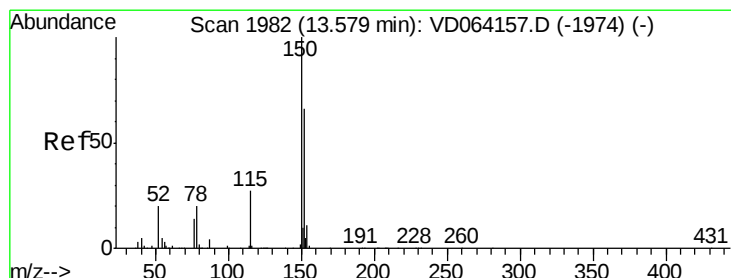
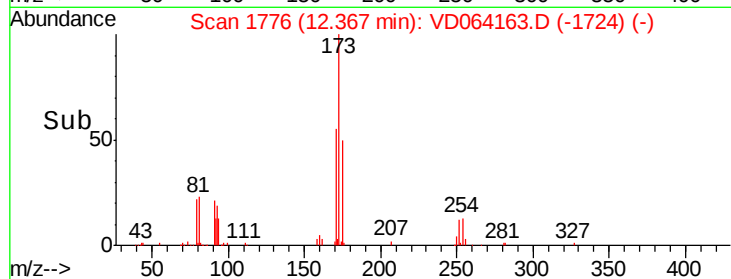
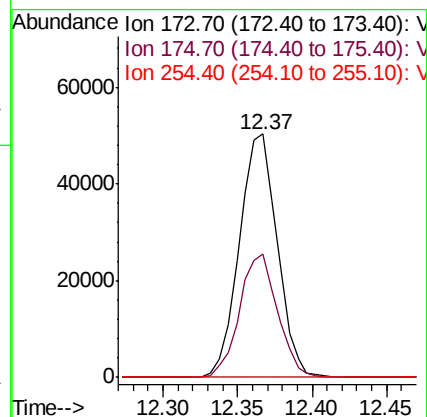
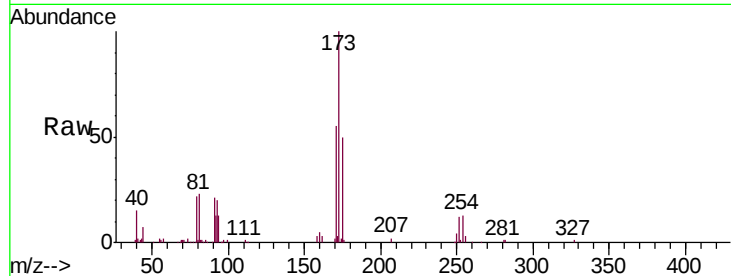




#71
Bromoform
Concen: 19.870 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

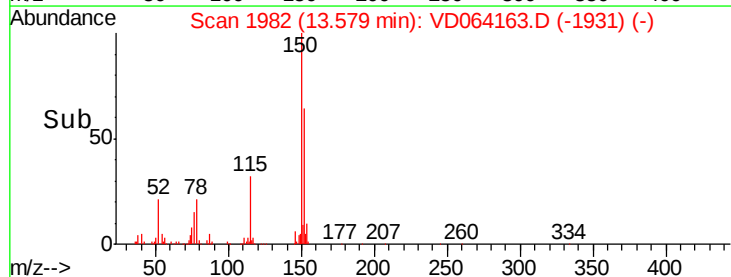
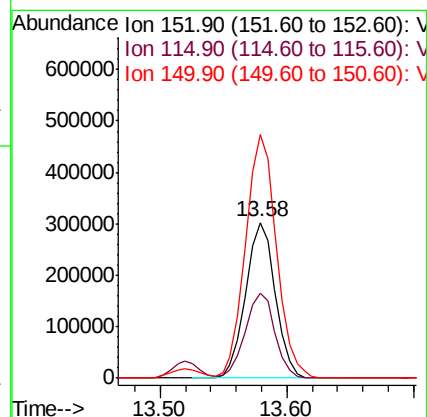
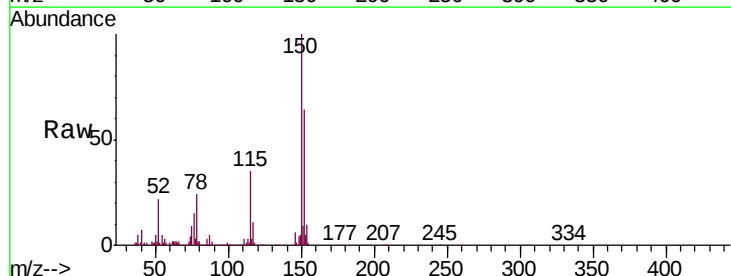
Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

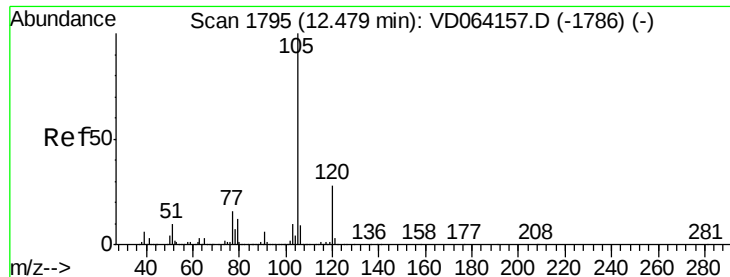
Tgt Ion:173 Resp: 88758
Ion Ratio Lower Upper
173 100
175 50.7 24.1 72.3
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion:152 Resp: 490599
Ion Ratio Lower Upper
152 100
115 54.8 27.4 82.2
150 163.7 0.0 351.6





#73

Isopropylbenzene

Concen: 19.186 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

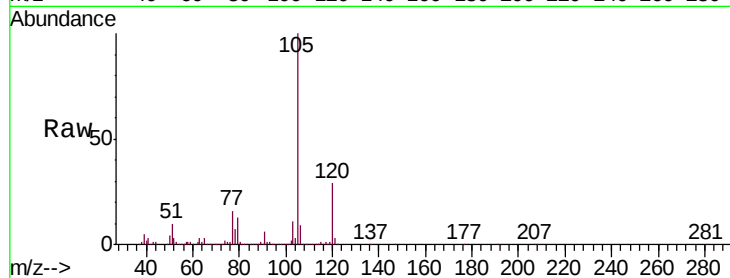
VD1108SBSD01

Tgt Ion: 105 Resp: 690890

Ion Ratio Lower Upper

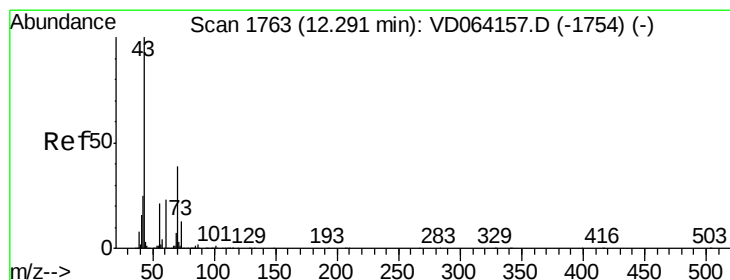
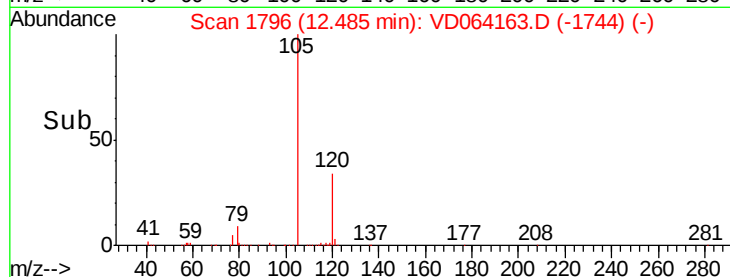
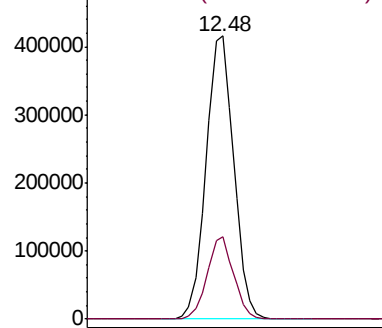
105 100

120 27.5 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: 20.245 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Tgt Ion: 43 Resp: 172154

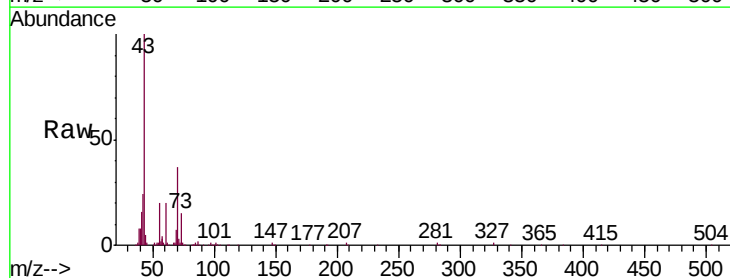
Ion Ratio Lower Upper

43 100

70 40.9 32.4 48.6

55 21.6 17.9 26.9

61 22.6 19.0 28.4

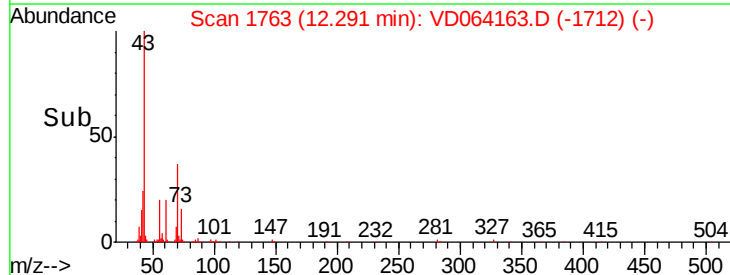
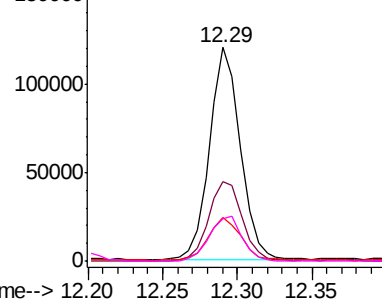


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.225 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

VD1108SBSD01

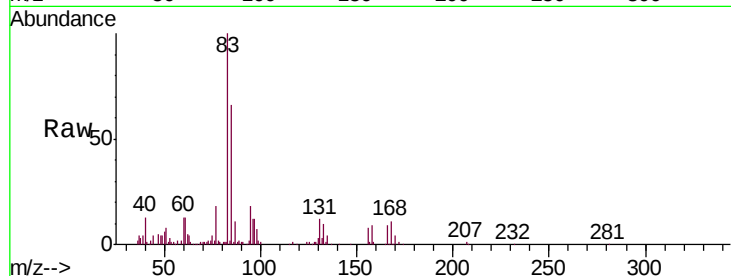
Tgt Ion: 83 Resp: 109739

Ion Ratio Lower Upper

83 100

131 12.1 5.9 17.7

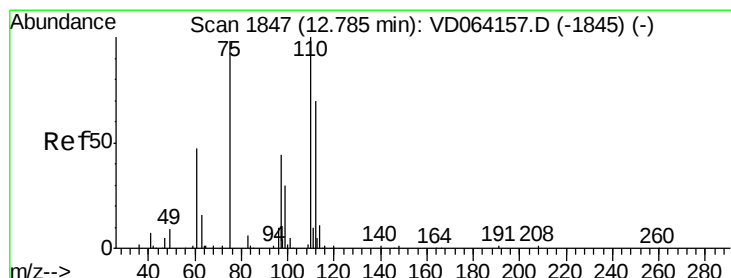
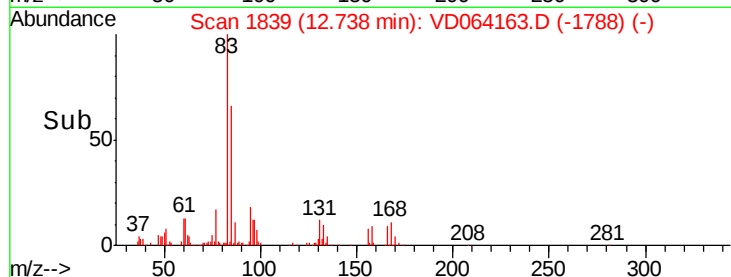
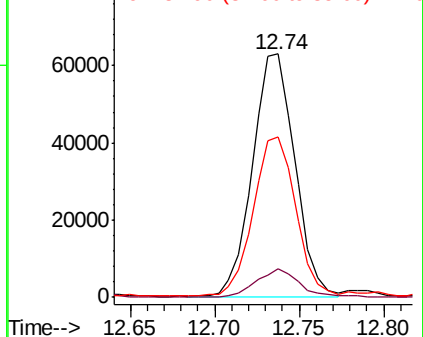
85 64.9 32.5 97.5



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: 38.806 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD064163.D

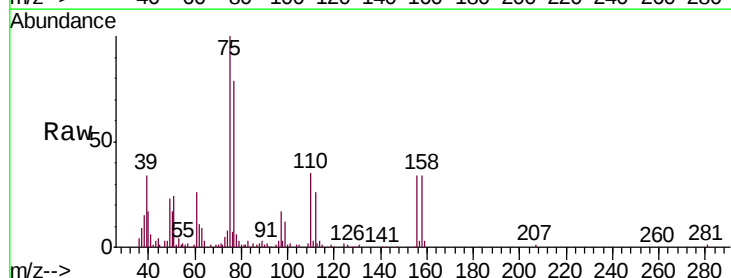
Acq: 08 Nov 2019 19:14

Tgt Ion: 75 Resp: 153348

Ion Ratio Lower Upper

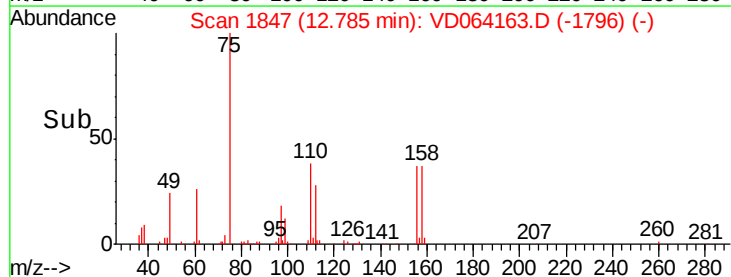
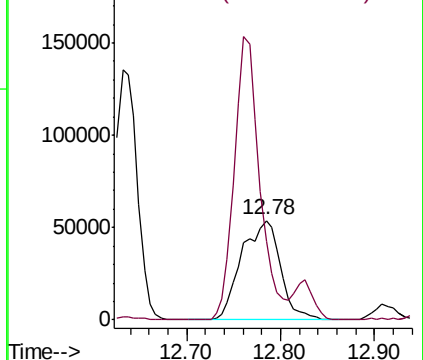
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.561 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

VD1108SBS01

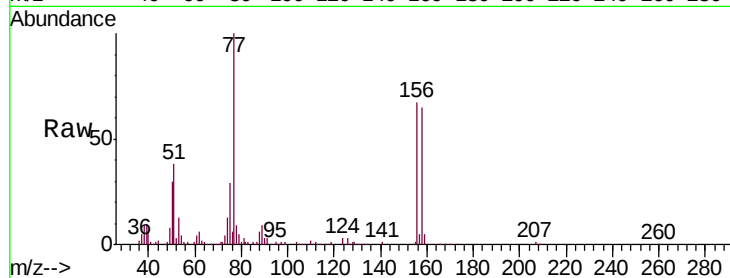
Tgt Ion: 156 Resp: 171129

Ion Ratio Lower Upper

156 100

77 169.9 81.2 243.4

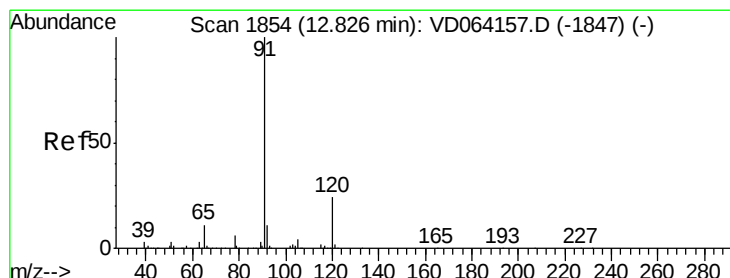
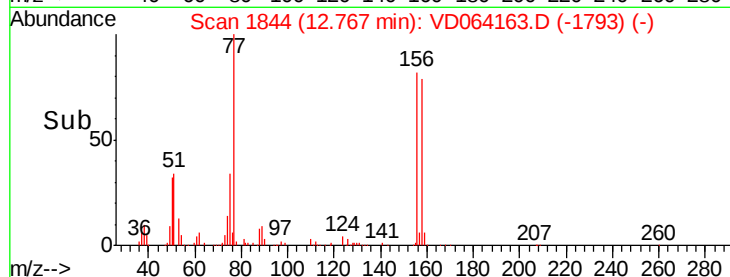
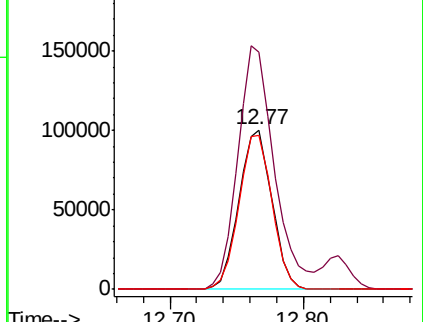
158 97.7 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.480 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064163.D

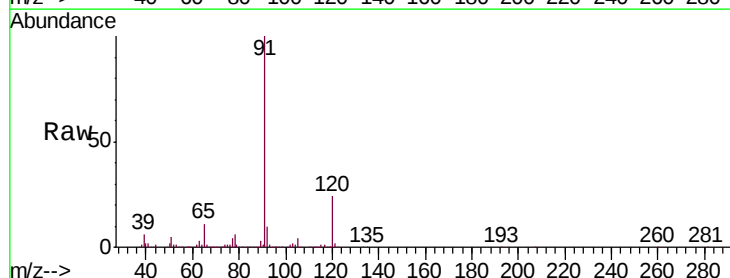
Acq: 08 Nov 2019 19:14

Tgt Ion: 91 Resp: 801443

Ion Ratio Lower Upper

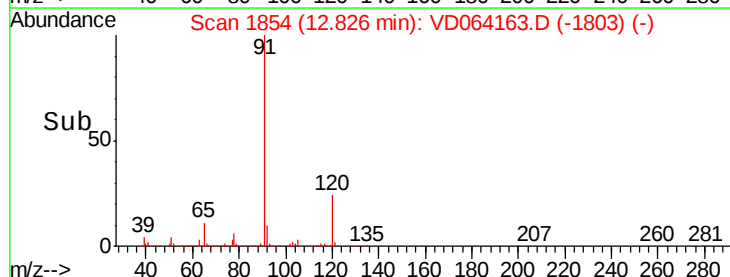
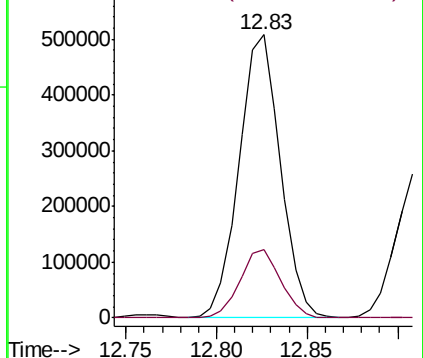
91 100

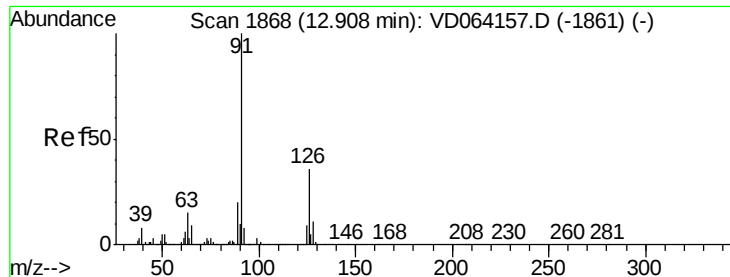
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

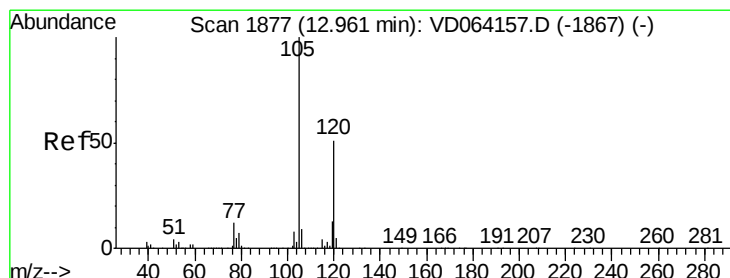
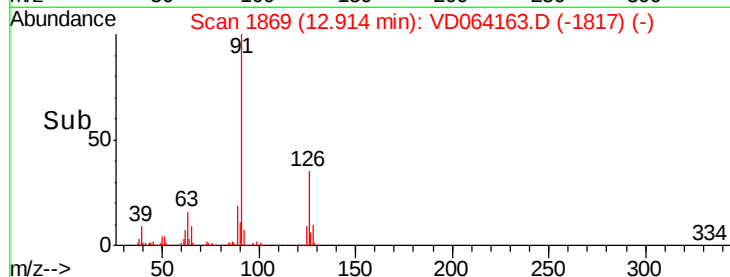
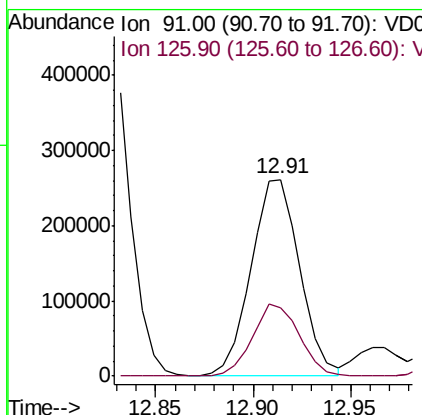
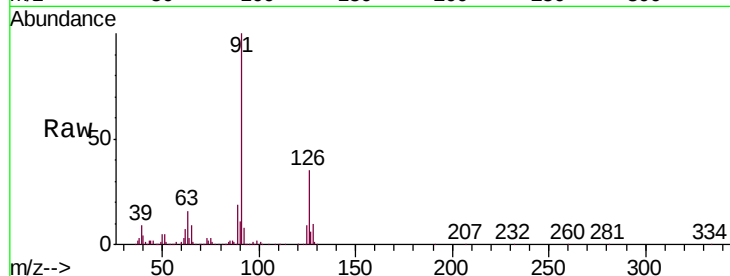




#79
 2-Chlorotoluene
 Concen: 19.277 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

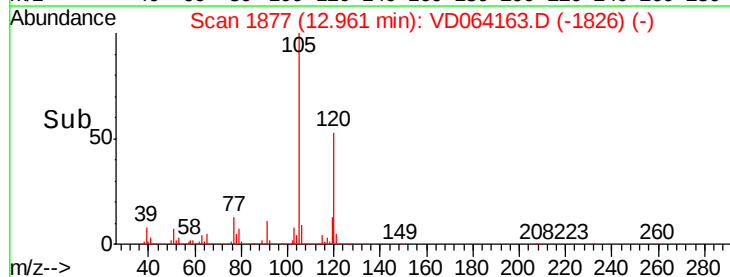
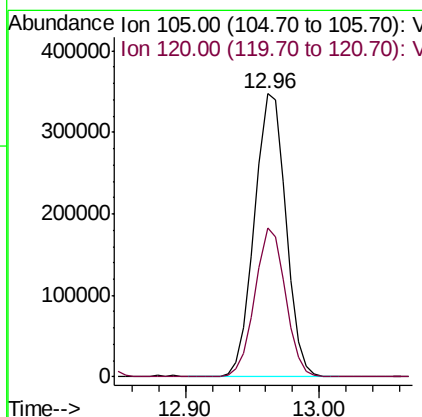
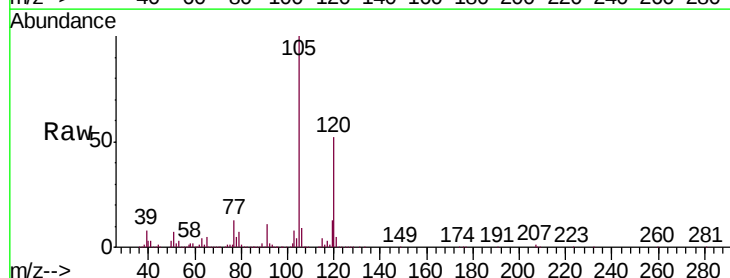
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBSD01

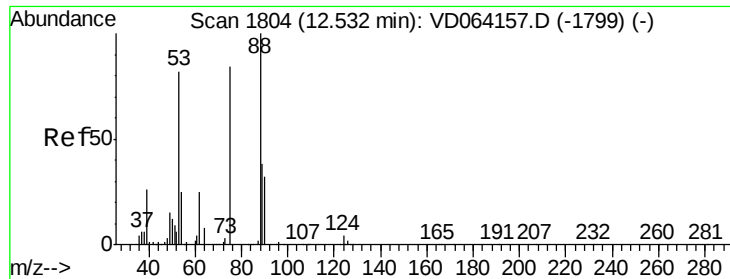
Tgt Ion: 91 Resp: 447758
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.066 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion: 105 Resp: 564159
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.4 76.4

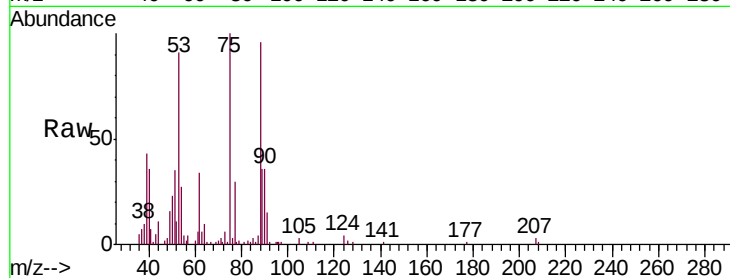




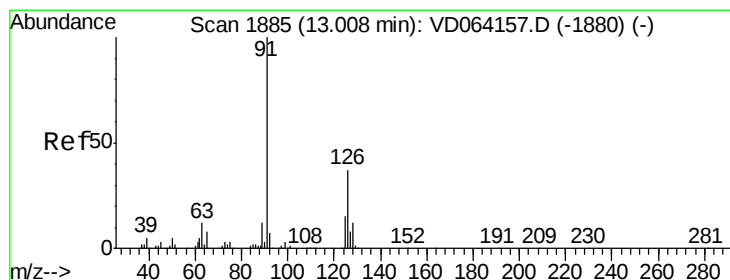
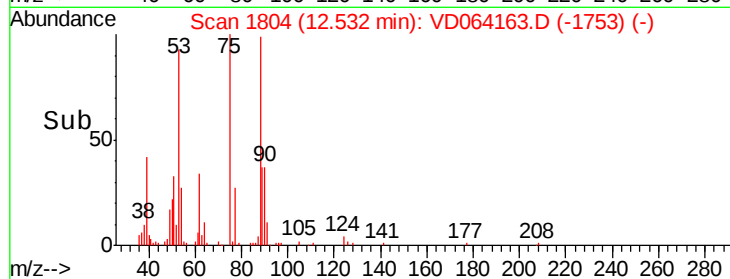
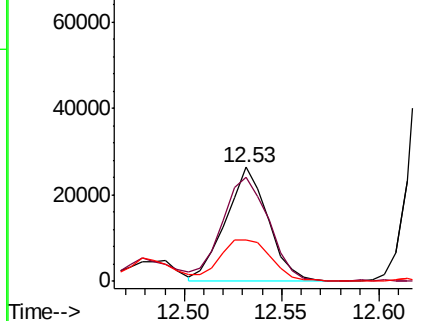
#81
trans-1,4-Dichloro-2-butene
Concen: 20.028 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBS01

Tgt Ion: 75 Resp: 39843
Ion Ratio Lower Upper
75 100
53 99.5 79.4 119.0
89 43.2 36.6 55.0

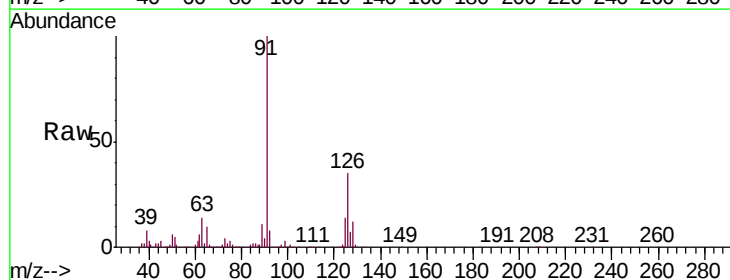


Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC

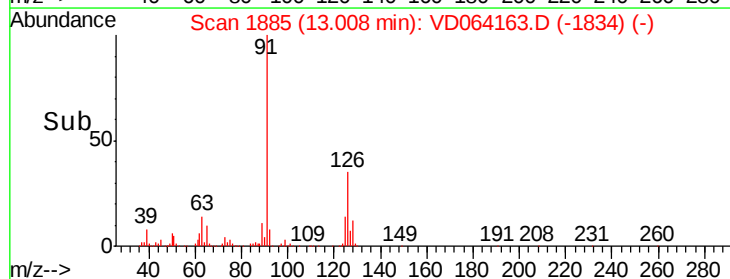
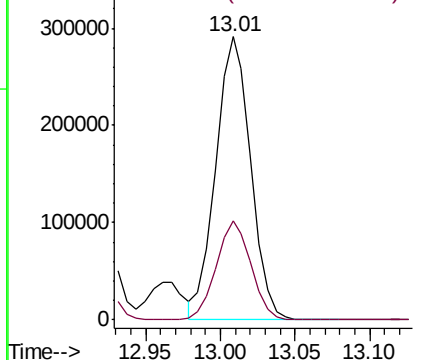


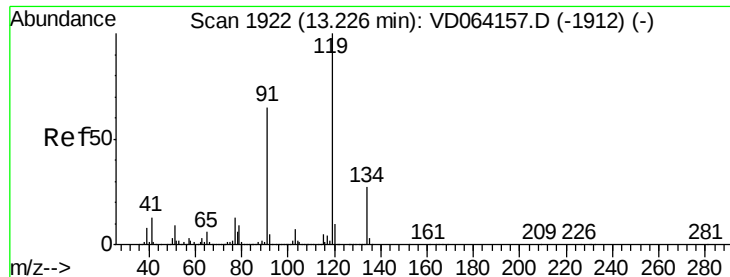
#82
4-Chlorotoluene
Concen: 19.609 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion: 91 Resp: 475079
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

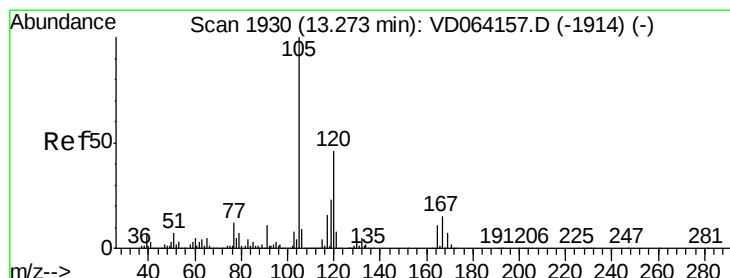
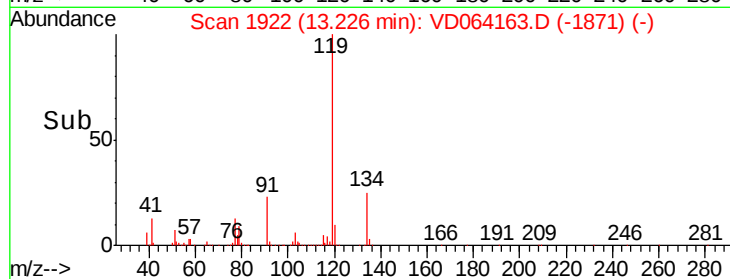
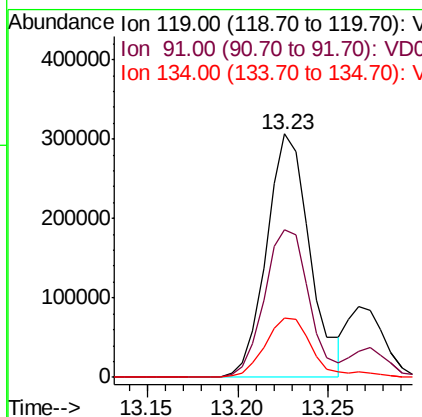
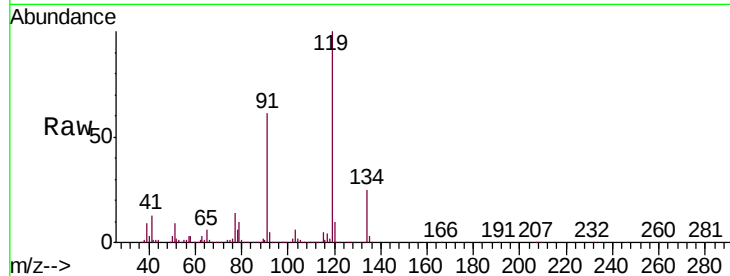




#83
 tert-Butylbenzene
 Concen: 19.599 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

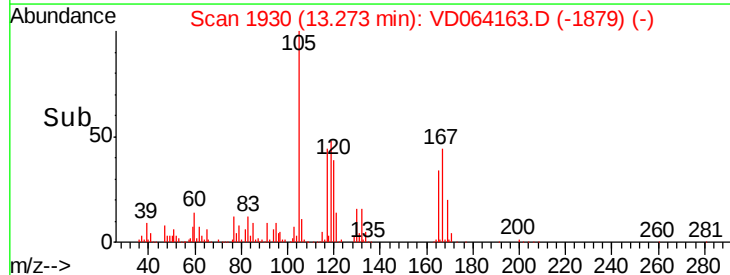
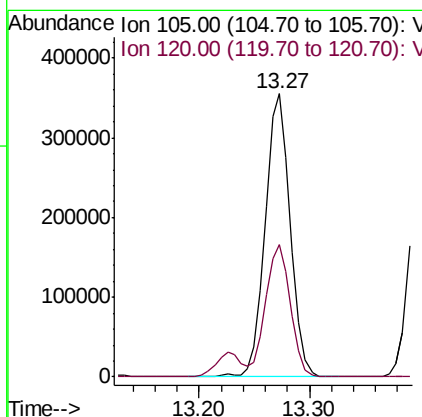
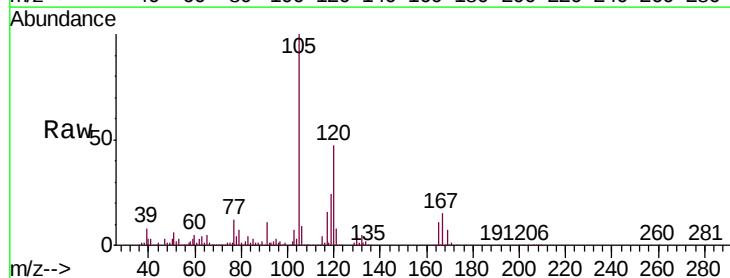
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBSD01

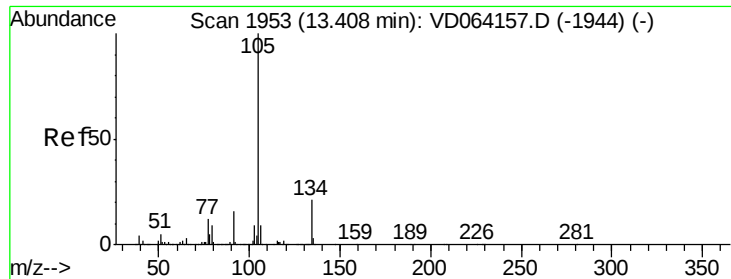
Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.3	31.8	95.4
134	26.9	13.7	41.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.263 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.3	69.8

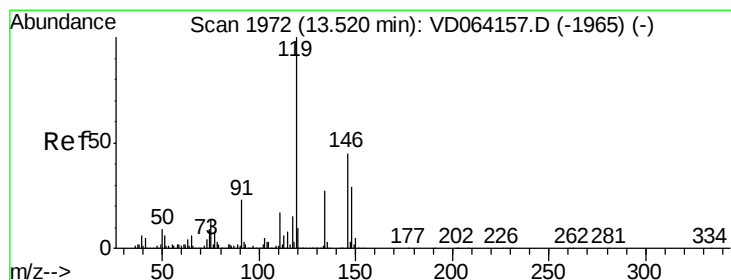
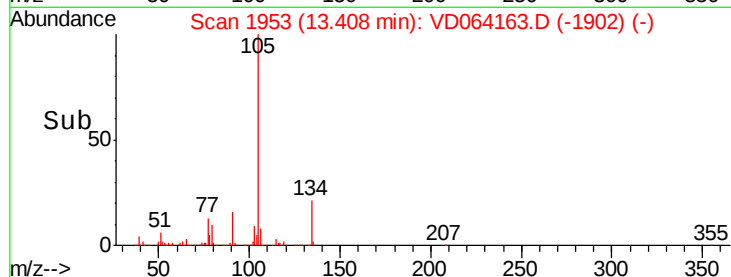
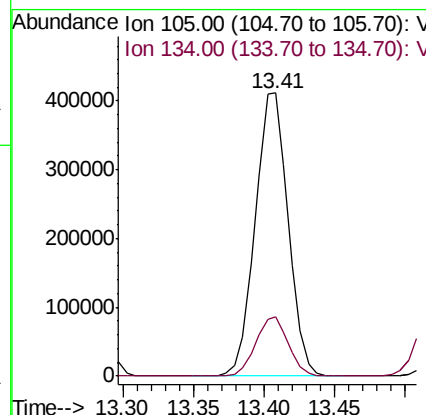
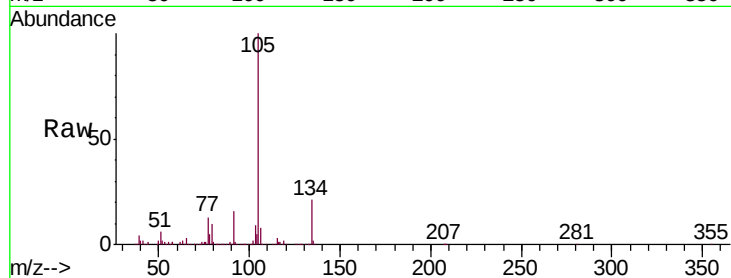




#85
 sec-Butylbenzene
 Concen: 19.243 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

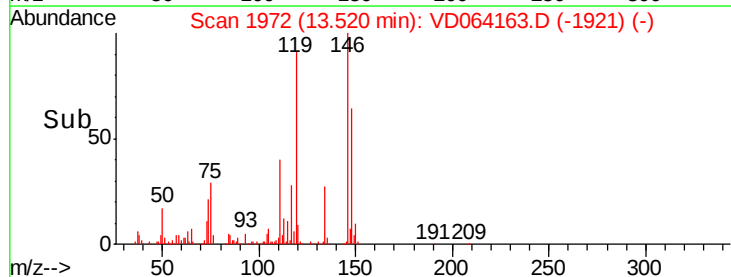
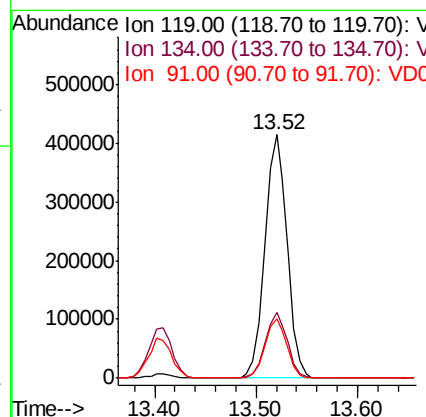
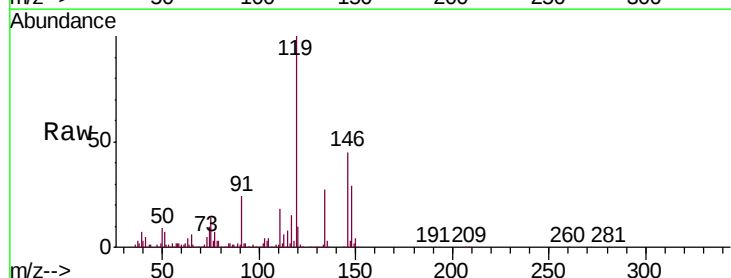
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBSD01

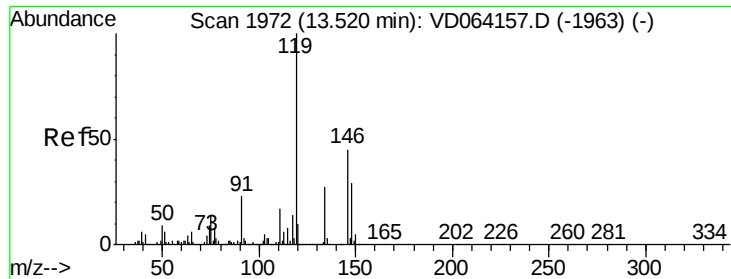
Tgt Ion:105 Resp: 674324
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 18.947 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion:119 Resp: 631229
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.5
 91 23.9 11.5 34.4

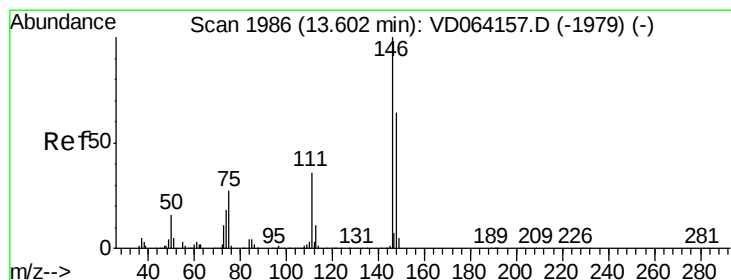
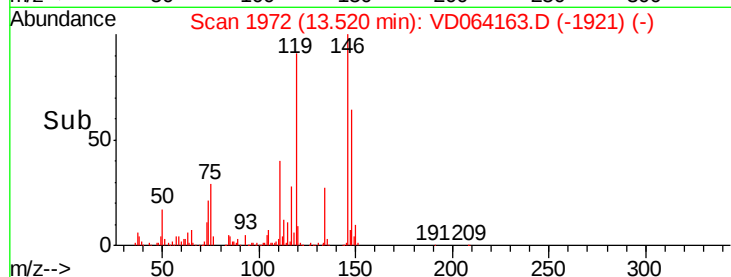
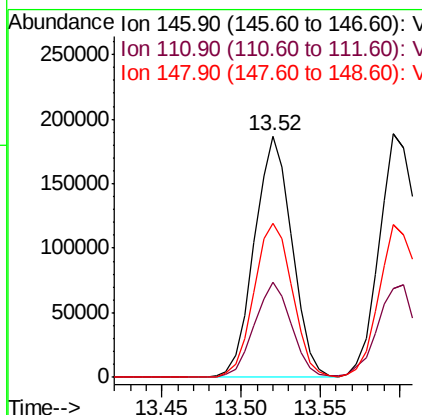
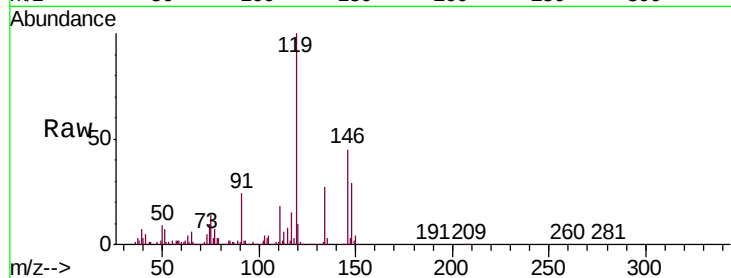




#87
 1,3-Dichlorobenzene
 Concen: 18.948 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

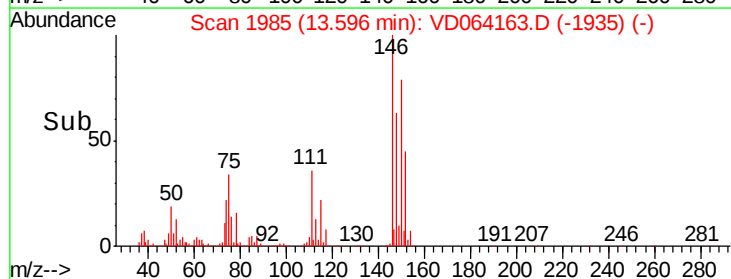
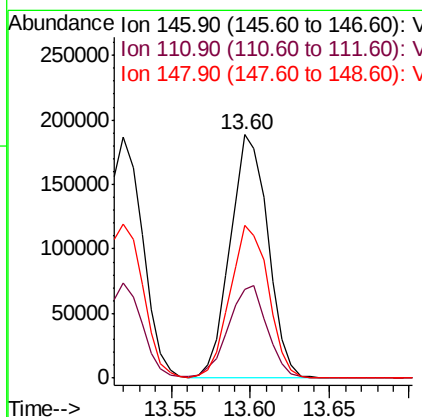
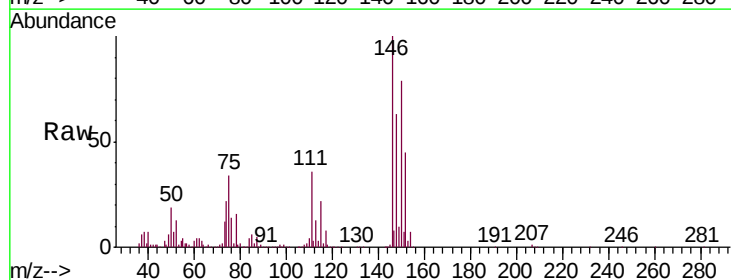
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBSD01

Tgt Ion:146 Resp: 307703
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.9
 148 65.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.656 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion:146 Resp: 311532
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.1 54.4
 148 64.1 31.9 95.7

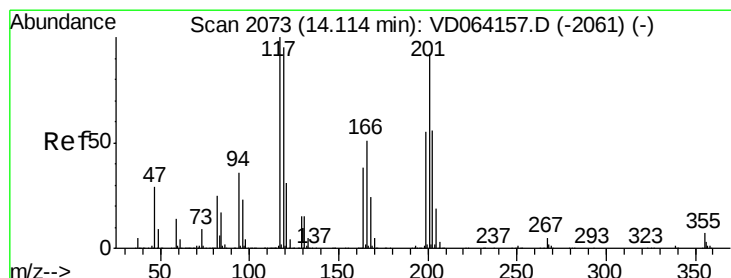
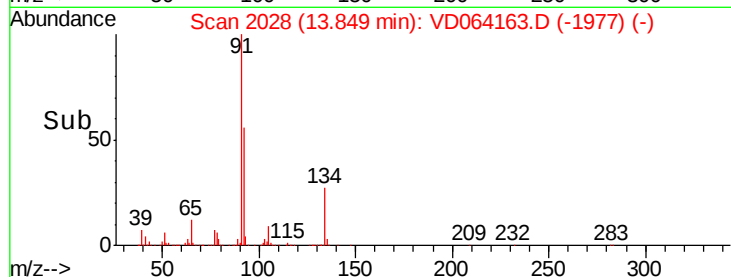
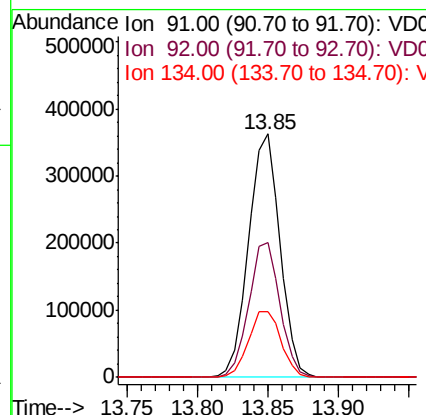
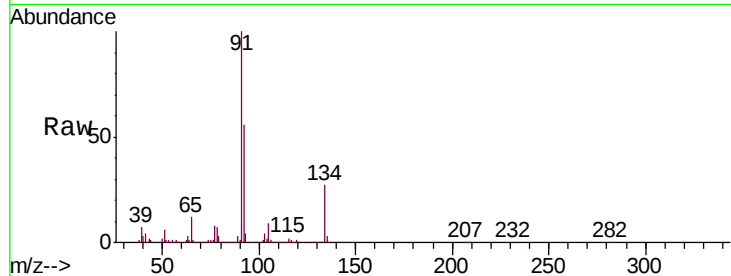




#89
n-Butylbenzene
Concen: 18.843 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

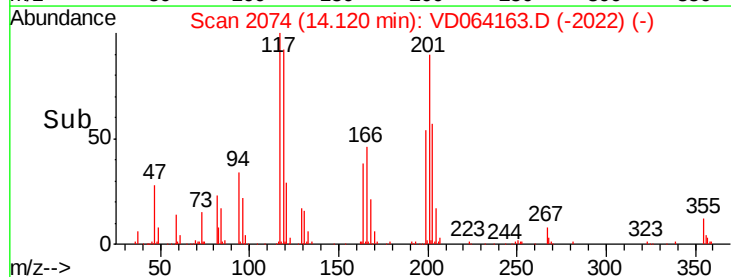
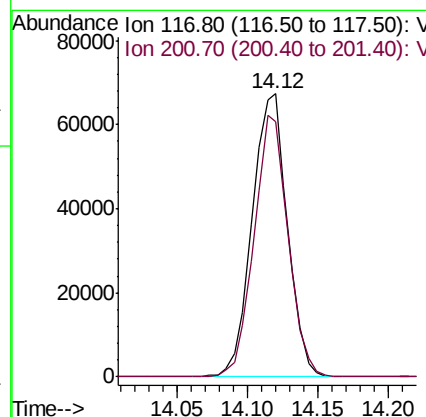
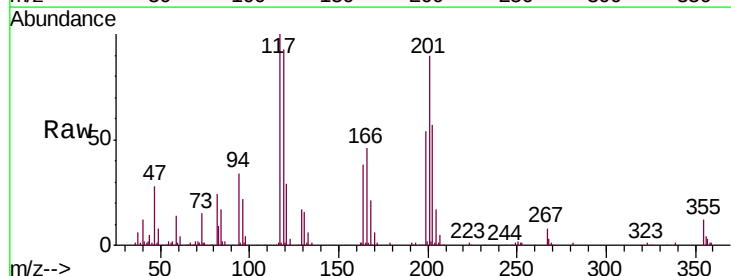
Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD01

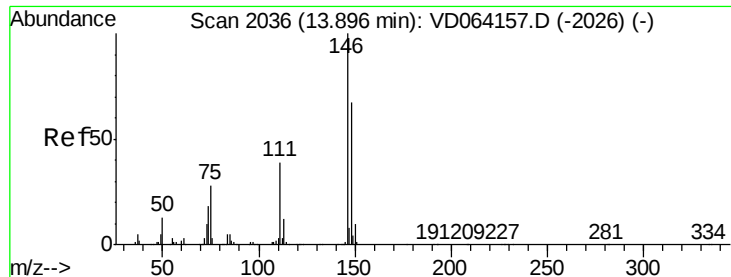
Tgt Ion: 91 Resp: 567154
Ion Ratio Lower Upper
91 100
92 55.0 27.3 81.8
134 28.2 14.1 42.4



#90
Hexachloroethane
Concen: 19.190 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD064163.D
Acq: 08 Nov 2019 19:14

Tgt Ion: 117 Resp: 118151
Ion Ratio Lower Upper
117 100
201 89.1 45.8 137.4

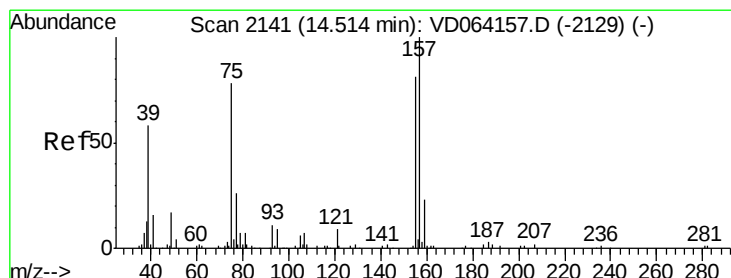
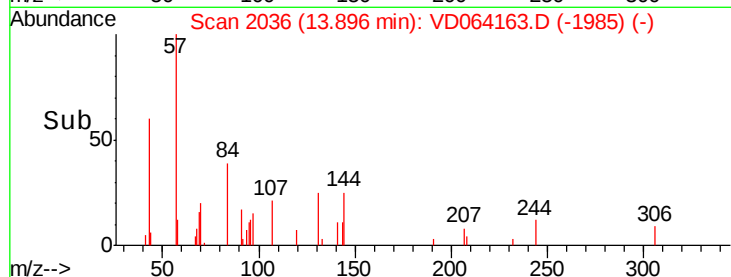
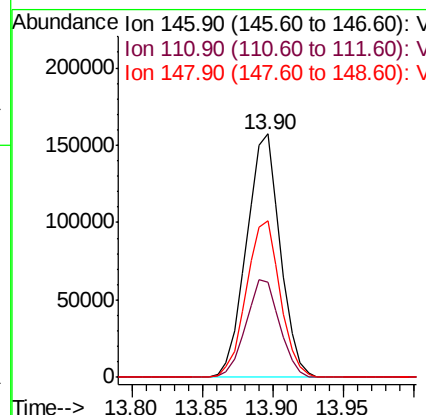
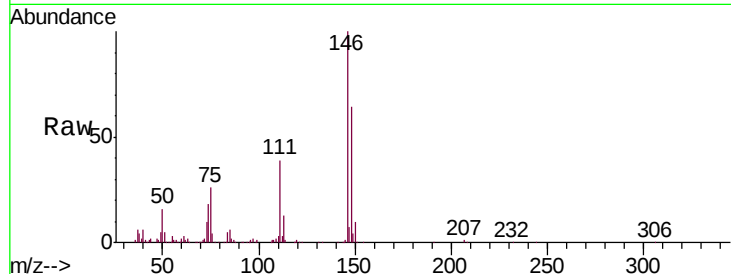




#91
 1,2-Dichlorobenzene
 Concen: 19.176 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

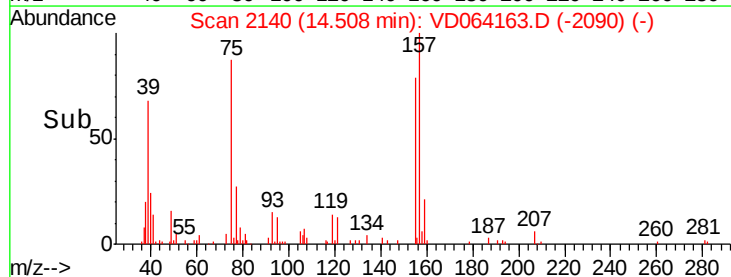
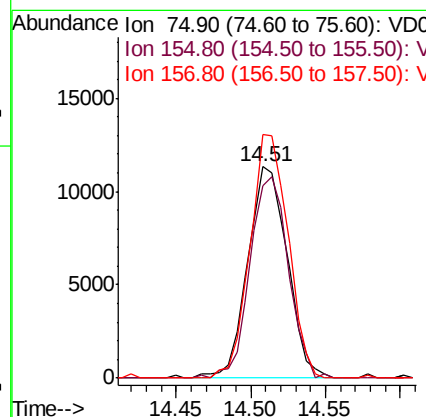
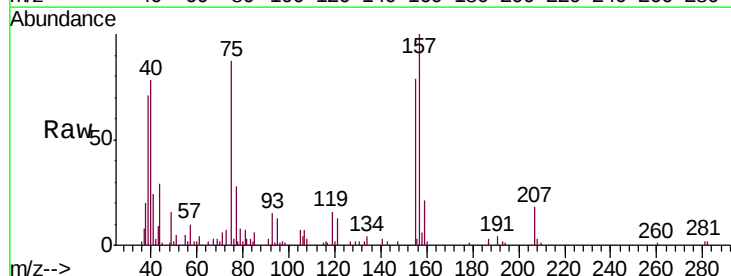
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBSD01

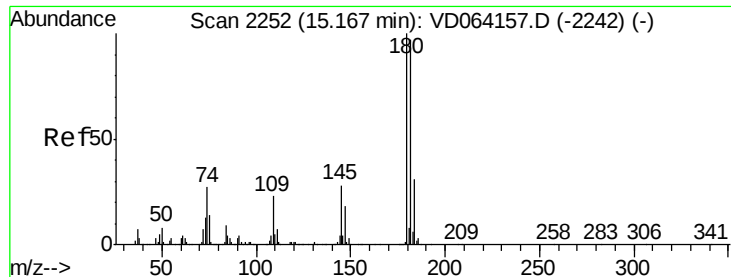
Tgt Ion: 146 Resp: 263582
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.7 59.0
 148 64.6 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.339 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion: 75 Resp: 20702
 Ion Ratio Lower Upper
 75 100
 155 92.5 48.0 144.0
 157 110.8 61.5 184.4

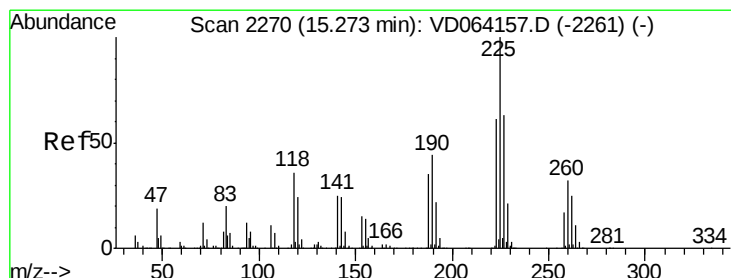
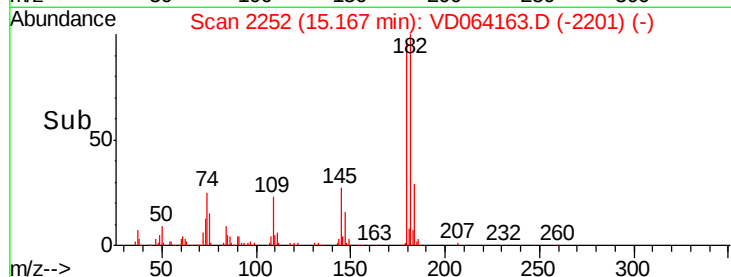
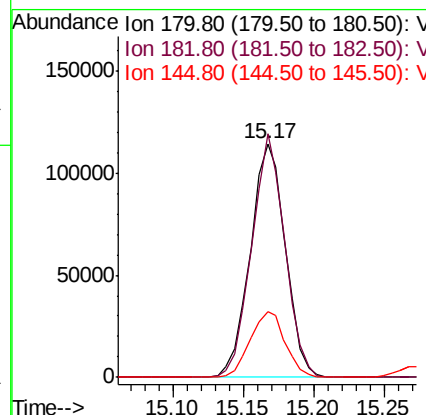
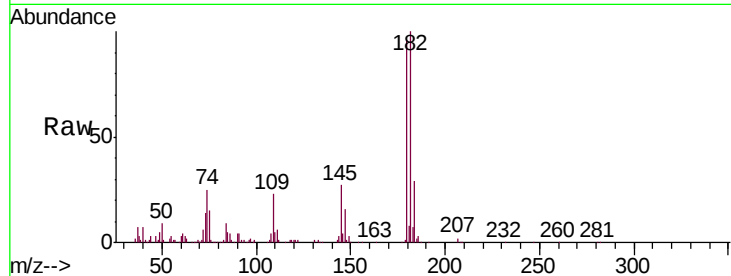




#93
 1,2,4-Trichlorobenzene
 Concen: 18.826 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

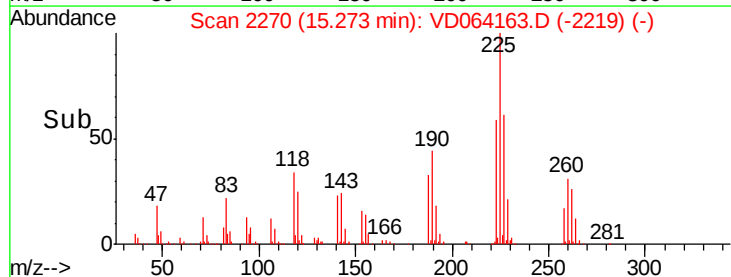
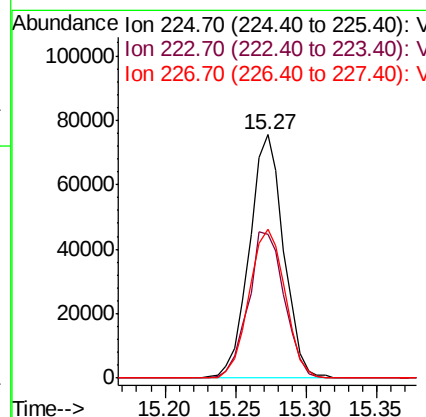
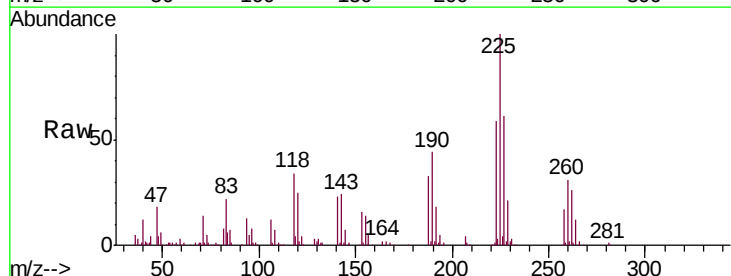
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.5	142.5
145	28.1	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 18.806 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD064163.D
 Acq: 08 Nov 2019 19:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.3
227	64.3	31.5	94.5





#95

Naphthalene

Concen: 19.897 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

VD1108SBSD01

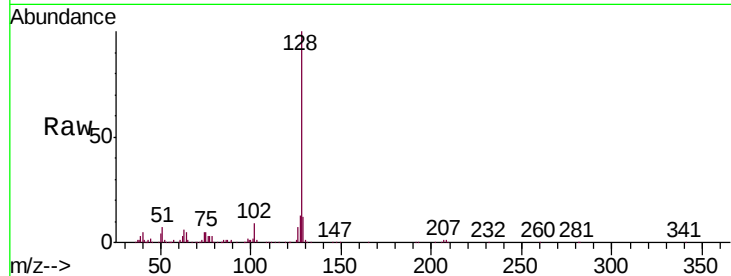
Tgt Ion:128 Resp: 345830

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

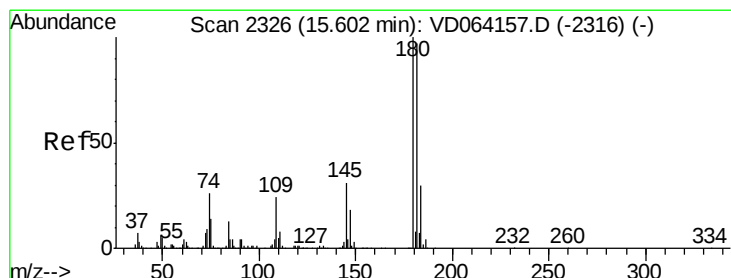
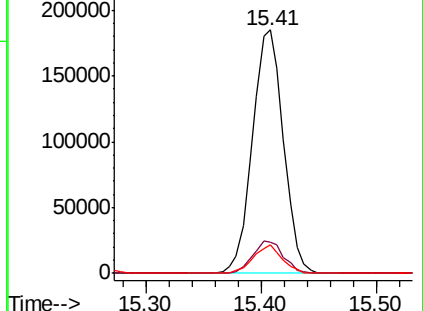
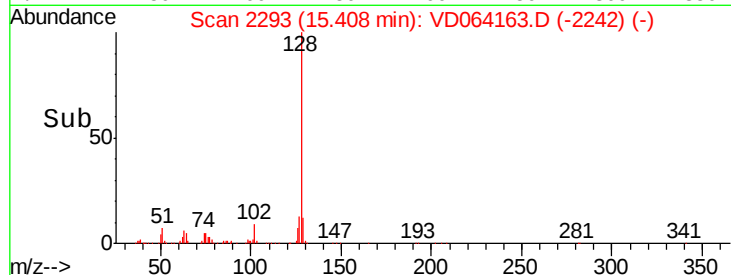
129 10.7 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 19.404 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD064163.D

Acq: 08 Nov 2019 19:14

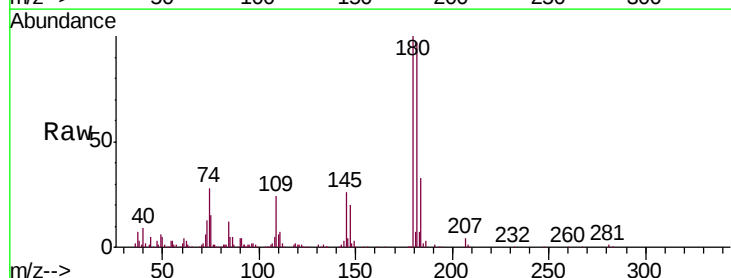
Tgt Ion:180 Resp: 174891

Ion Ratio Lower Upper

180 100

182 95.8 48.3 144.9

145 29.9 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

