

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012420\
 Data File : VD064944.D
 Acq On : 24 Jan 2020 15:43
 Operator : VA/SY
 Sample : L1243-05RE
 Misc : 6.20G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 25 02:39:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	454911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	731023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	669295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279590	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	209015	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
35) Dibromofluoromethane	7.92	113	220292	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	10.34	98	883908	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.64	95	263530	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	

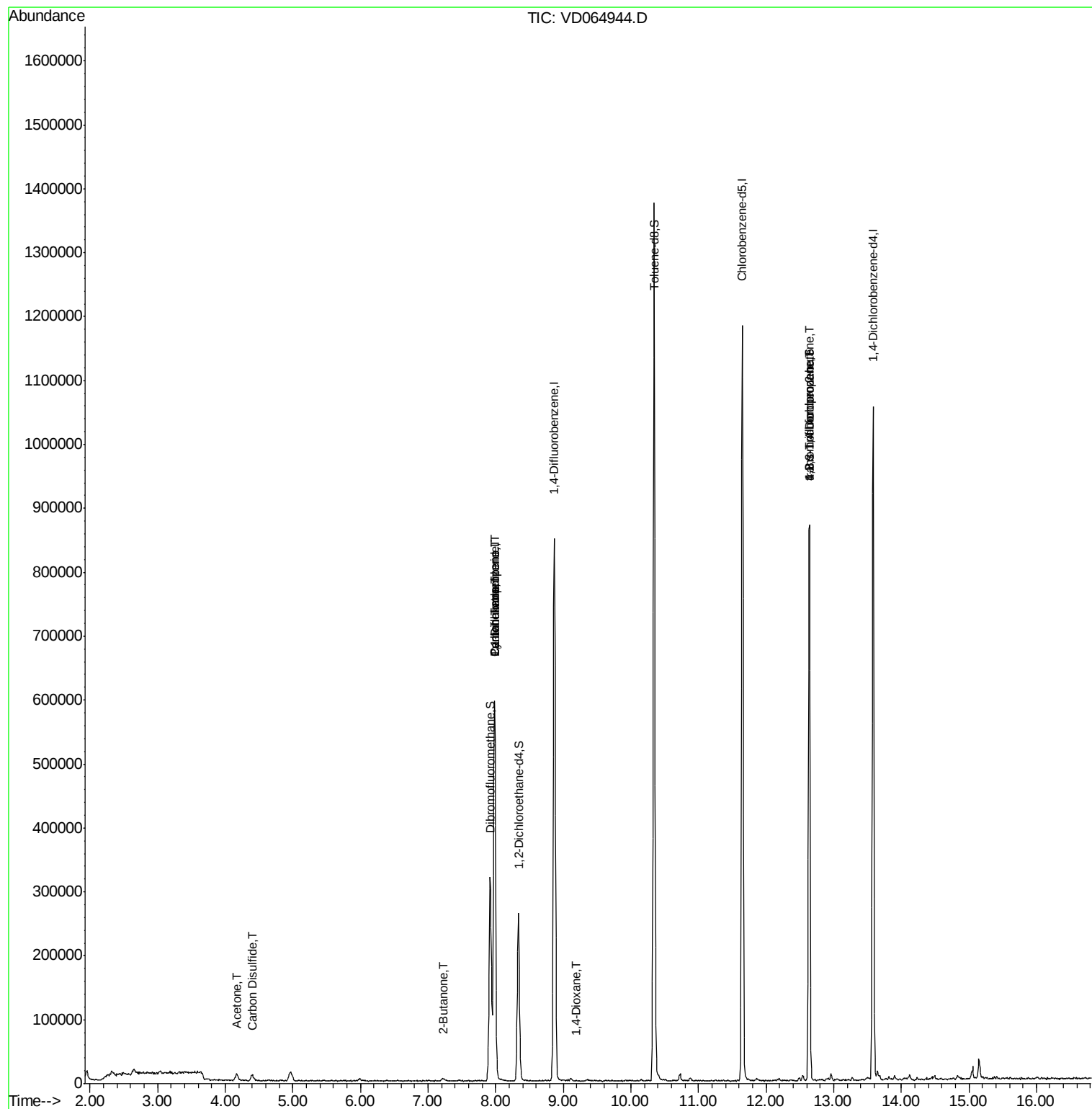
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	19820	29.294	ug/l #	87
17) Carbon Disulfide	4.40	76	19339	1.484	ug/l #	93
20) Methylene Chloride	4.96	84	10703	Below Cal	#	70
25) 2-Butanone	7.23	43	4021	3.411	ug/l	97
31) Cyclohexane	7.98	56	10041	1.321	ug/l #	39
36) 1,1-Dichloropropene	7.98	75	34139	4.843	ug/l #	48
38) Carbon Tetrachloride	7.98	117	43976	5.902	ug/l #	19
49) 1,4-Dioxane	9.19	88	60	2.013	ug/l #	27
76) 1,2,3-Trichloropropane	12.64	75	145347	62.633	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	145347	133.735	ug/l #	9

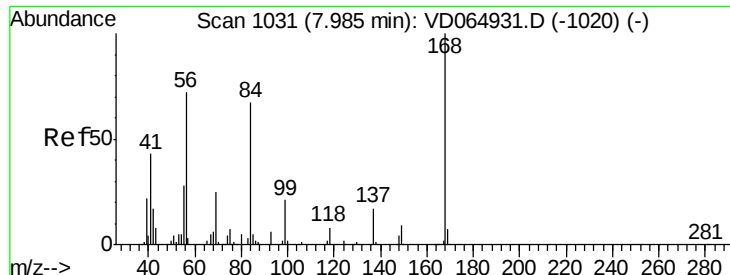
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012420\
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Acq On : 24 Jan 2020 15:43
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Quant Time: Jan 25 02:39:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064944.D

Acq: 24 Jan 2020 15:43

Instrument :

MSVOA_D

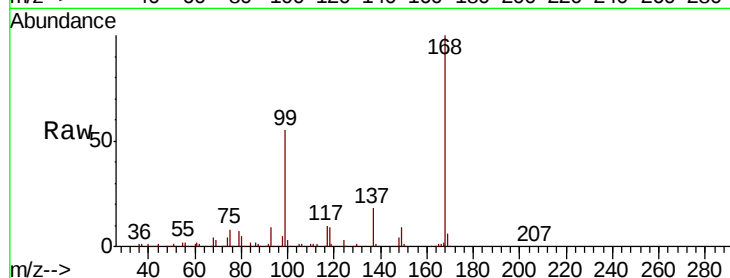
ClientSampleId :

Tot Ion:168 Resp: 454911

Ion Ratio Lower Upper

168 100

99 55.2 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

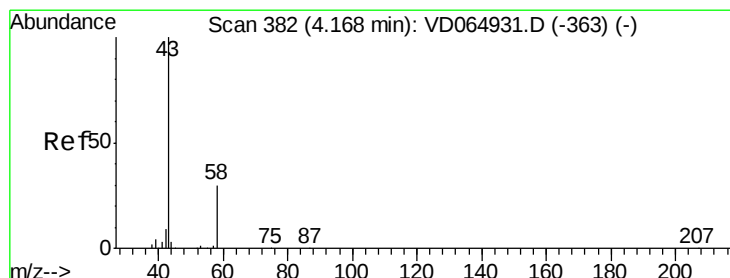
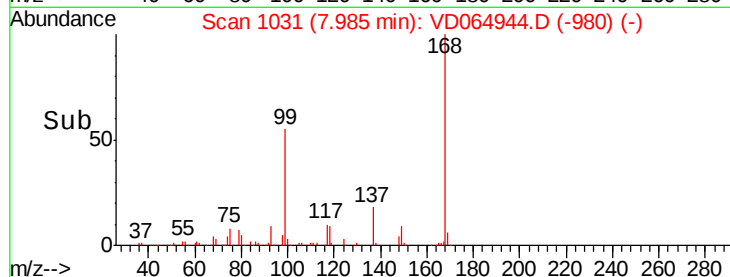
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 29.294 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064944.D

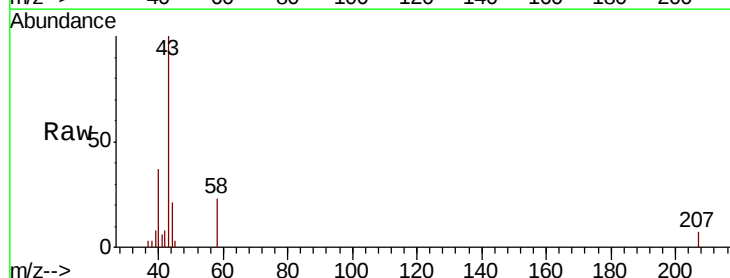
Acq: 24 Jan 2020 15:43

Tgt Ion: 43 Resp: 19820

Ion Ratio Lower Upper

43 100

58 23.0 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

8000

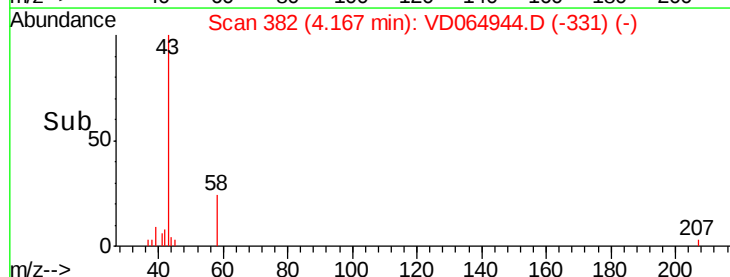
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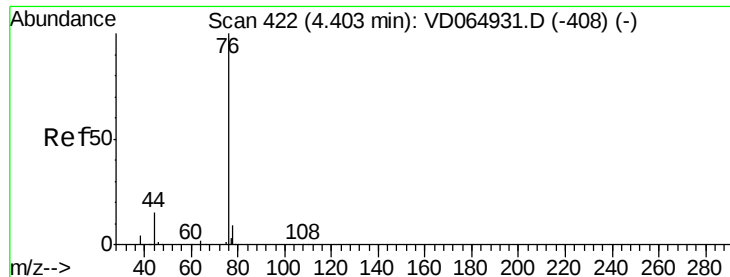
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Time-->

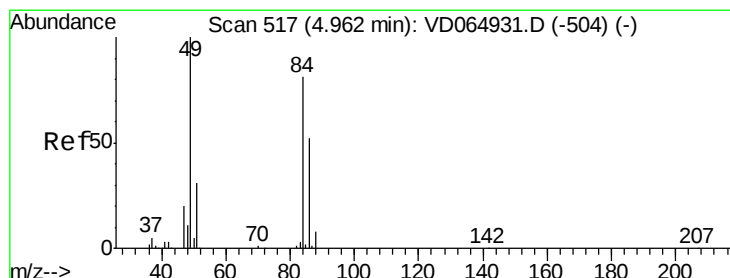
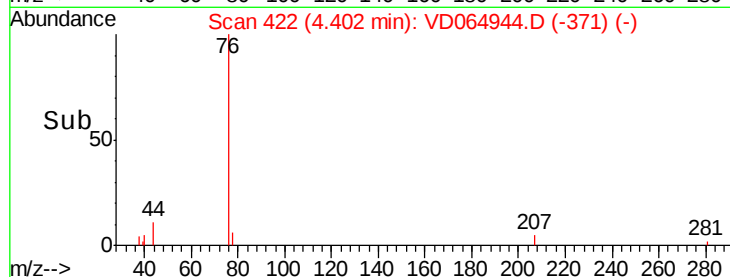
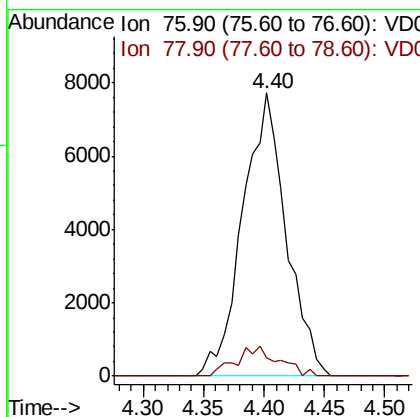
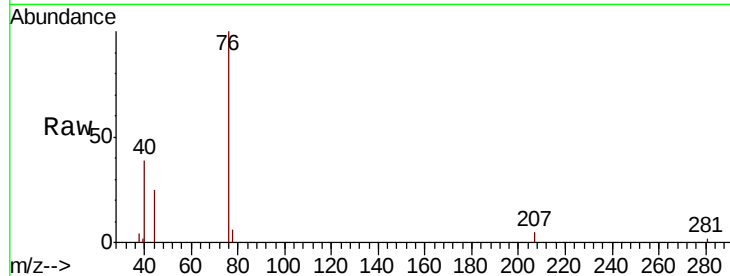




#17
Carbon Disulfide
Concen: 1.484 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD064944.D
Acq: 24 Jan 2020 15:43

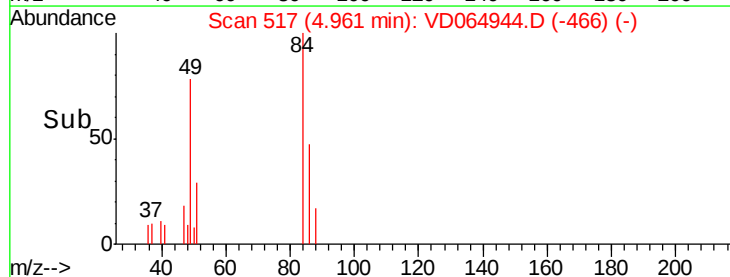
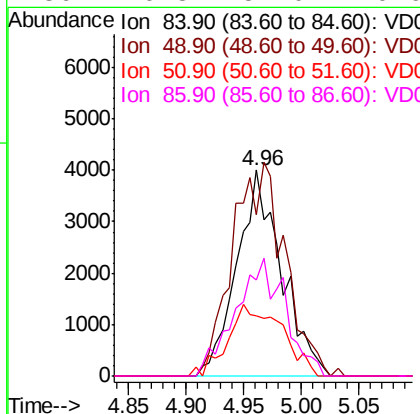
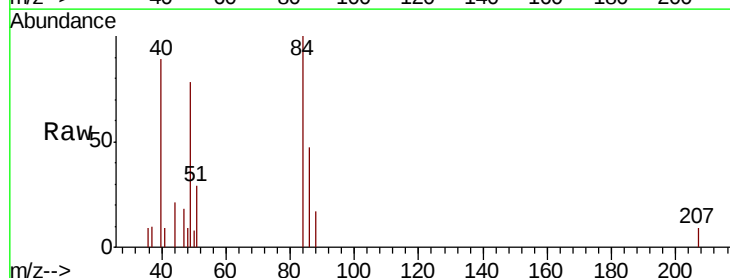
Instrument :
MSVOA_D
ClientSampleId :

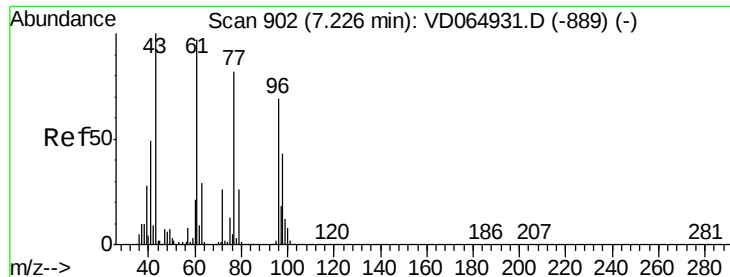
Tot Ion: 76 Resp: 19339
Ion Ratio Lower Upper
76 100
78 6.3 7.1 10.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064944.D
Acq: 24 Jan 2020 15:43

Tgt Ion: 84 Resp: 10703
Ion Ratio Lower Upper
84 100
49 78.4 98.4 147.6#
51 29.5 30.8 46.2#
86 46.8 51.0 76.6#

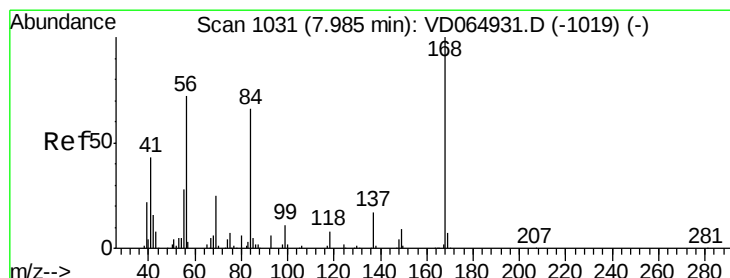
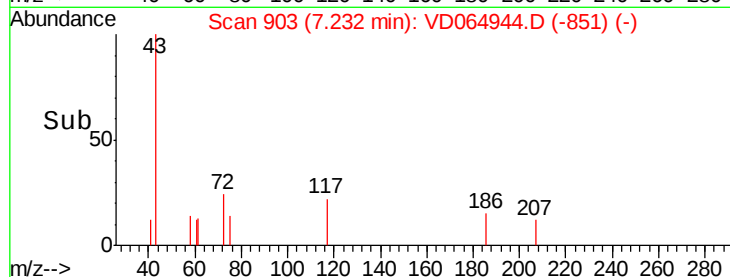
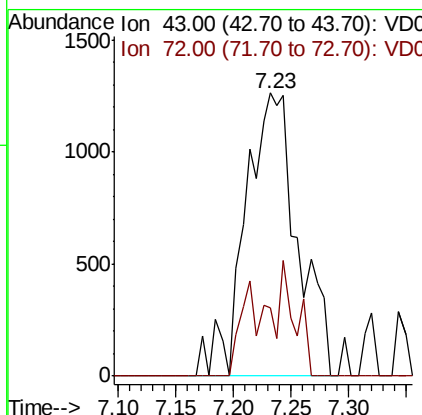
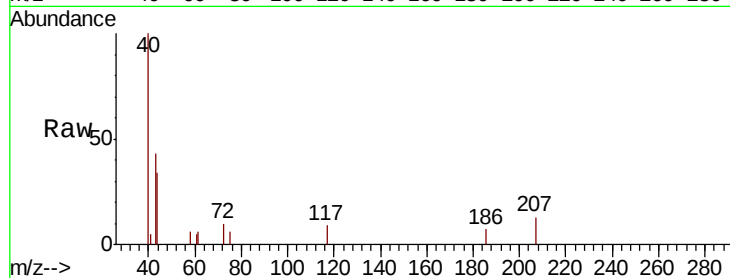




#25
2-Butanone
Concen: 3.411 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064944.D
Acq: 24 Jan 2020 15:43

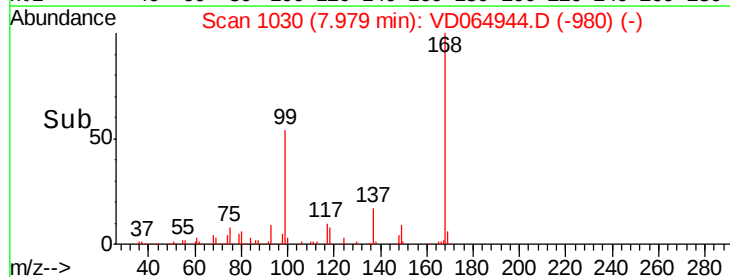
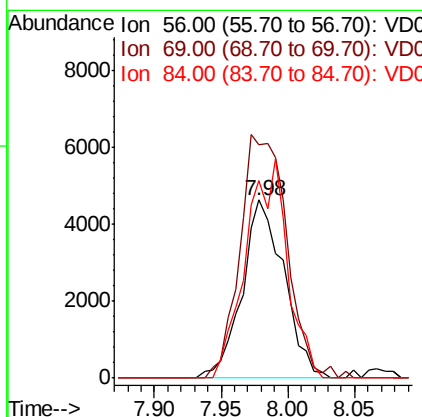
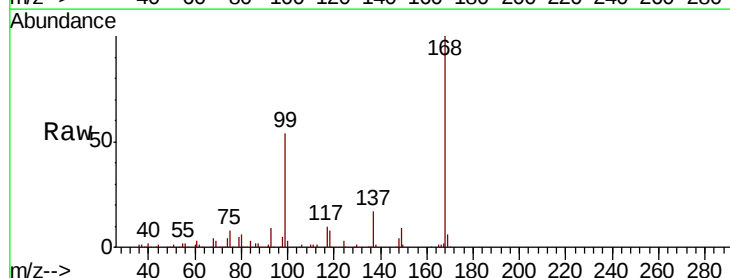
Instrument :
MSVOA_D
ClientSampled :

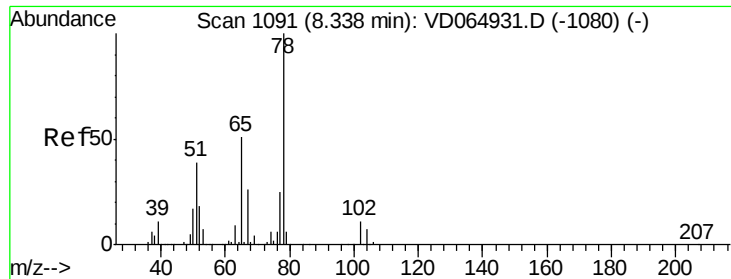
Tot Ion: 43 Resp: 4021
Ion Ratio Lower Upper
43 100
72 24.1 20.6 31.0



#31
Cyclohexane
Concen: 1.321 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064944.D
Acq: 24 Jan 2020 15:43

Tgt Ion: 56 Resp: 10041
Ion Ratio Lower Upper
56 100
69 131.2 27.9 41.9#
84 111.2 72.8 109.2#

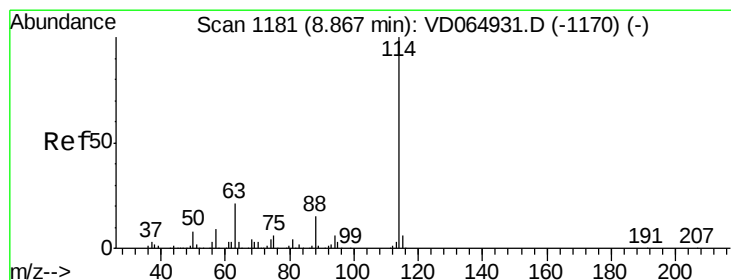
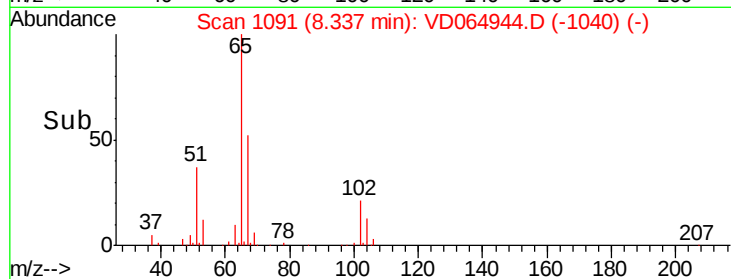
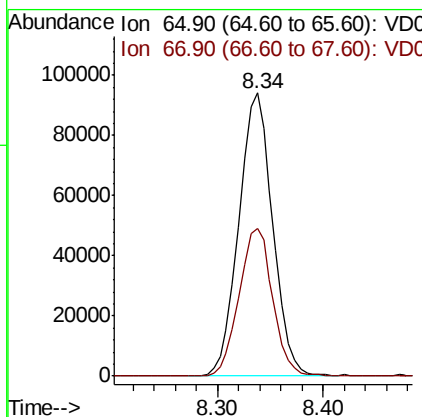
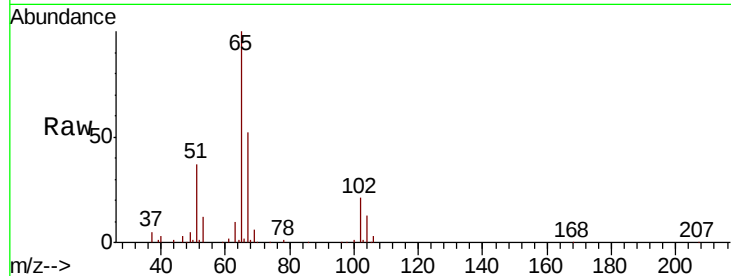




#33
 1,2-Dichloroethane-d4
 Concen: 47.900 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064944.D
 Acq: 24 Jan 2020 15:43

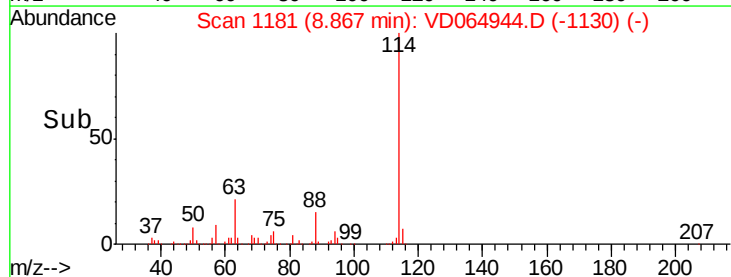
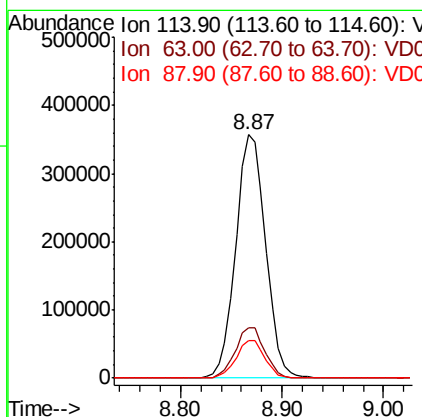
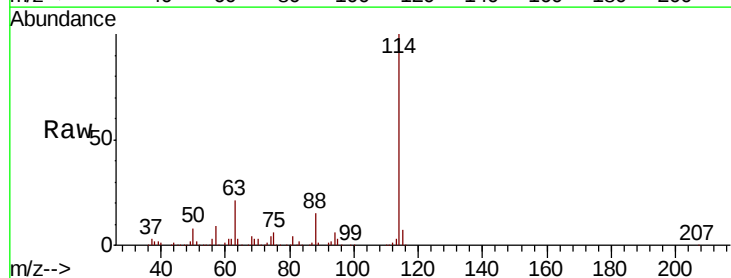
Instrument :
 MSVOA_D
 ClientSampleId :

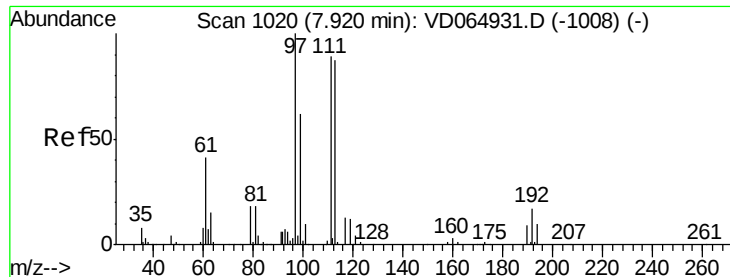
Tot Ion: 65 Resp: 209015
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064944.D
 Acq: 24 Jan 2020 15:43

Tgt Ion: 114 Resp: 731023
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.0
 88 15.3 0.0 29.4

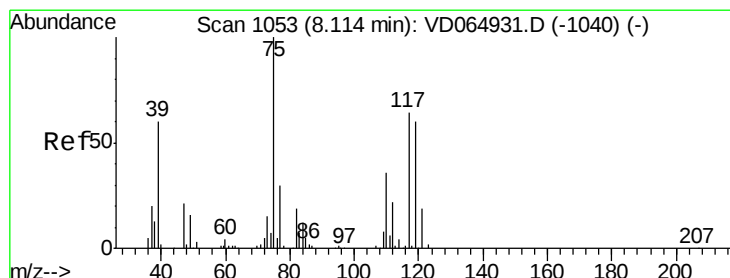
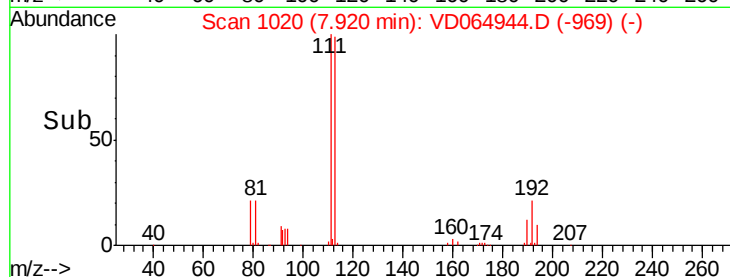
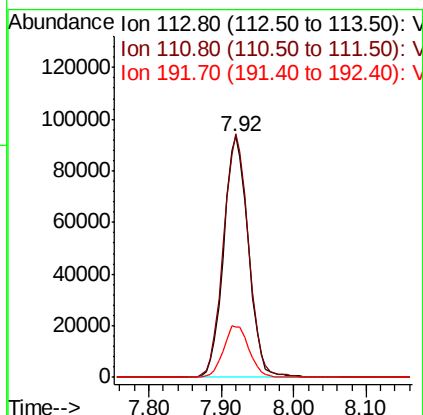
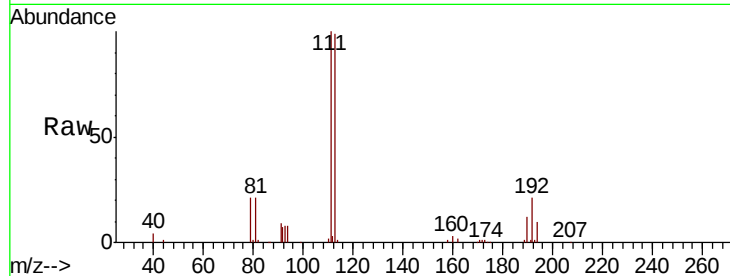




#35
 Dibromofluoromethane
 Concen: 47.954 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064944.D
 Acq: 24 Jan 2020 15:43

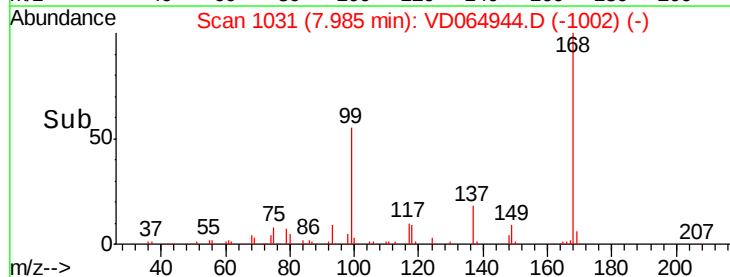
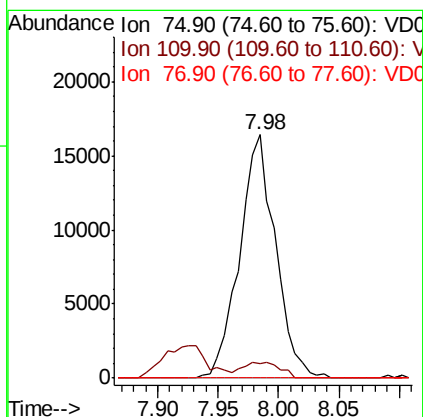
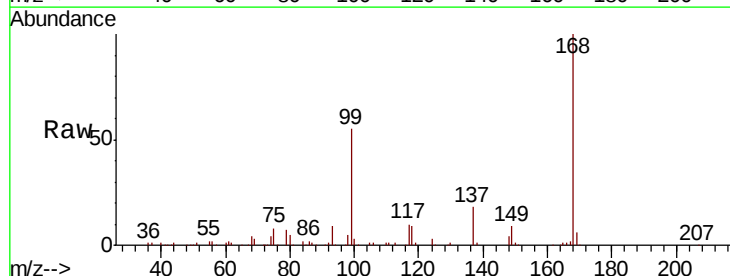
Instrument :
 MSVOA_D
 ClientSampleId :

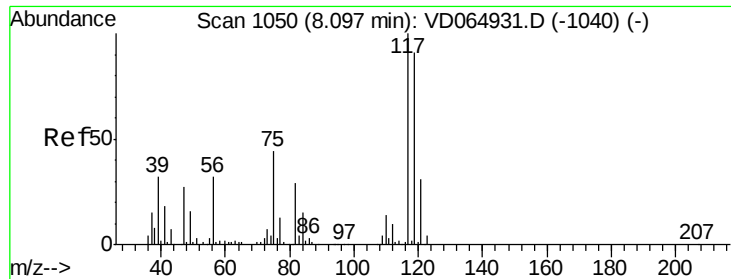
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	21.9	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 4.843 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064944.D
 Acq: 24 Jan 2020 15:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.7	17.3	52.0#
77	0.0	24.7	37.1#

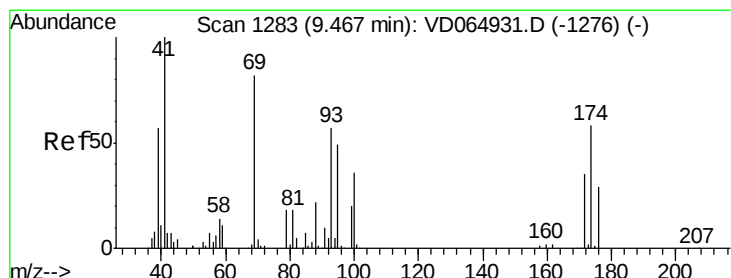
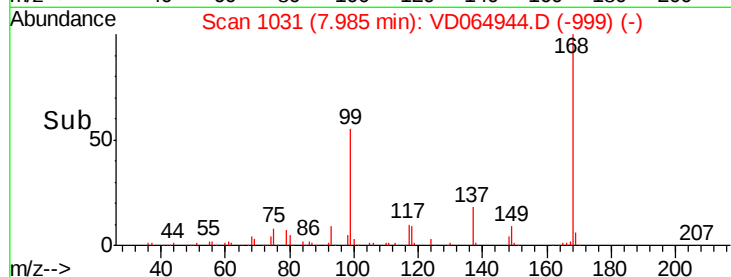
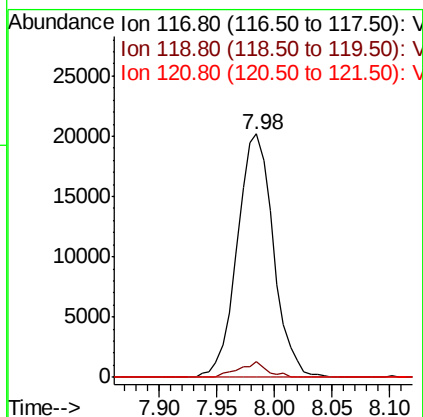
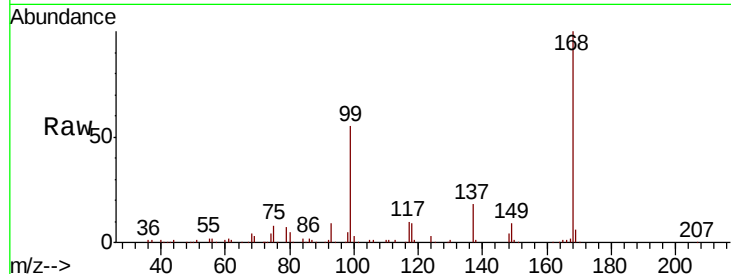




#38
Carbon Tetrachloride
Concen: 5.902 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064944.D
Acq: 24 Jan 2020 15:43

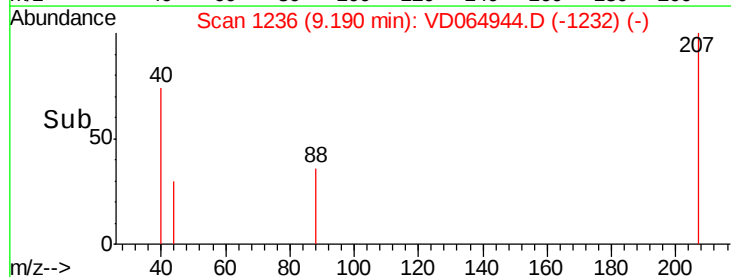
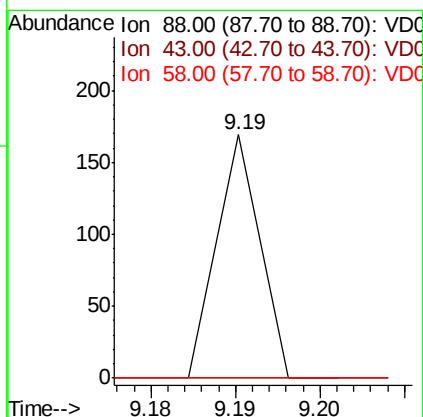
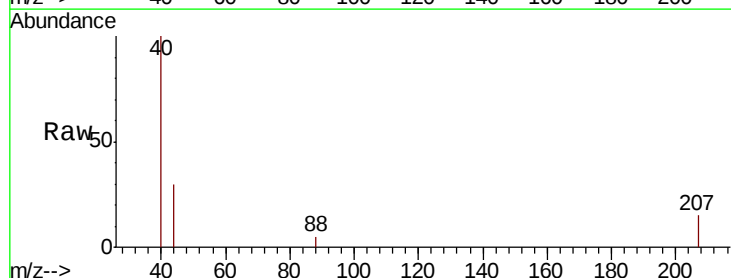
Instrument :
MSVOA_D
ClientSampleId :

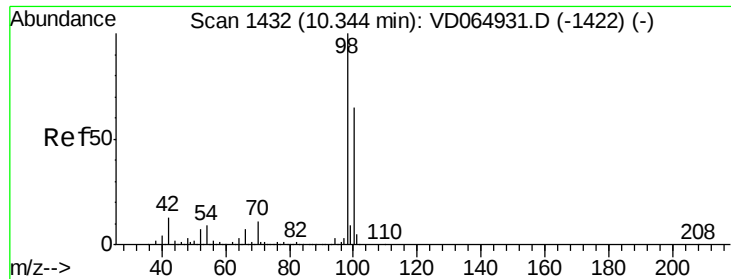
Tot Ion:117 Resp: 43976
Ion Ratio Lower Upper
117 100
119 6.7 73.2 109.8#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 2.013 ug/l
RT: 9.19 min Scan# 1236
Delta R.T. -0.28 min
Lab File: VD064944.D
Acq: 24 Jan 2020 15:43

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 0.0 26.2 39.4#
58 0.0 50.3 75.5#

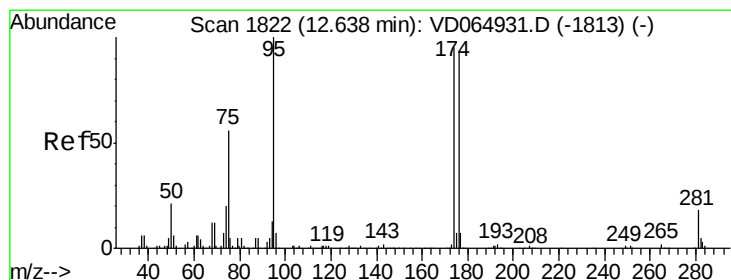
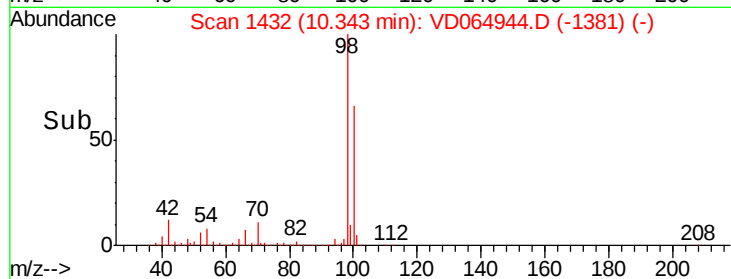
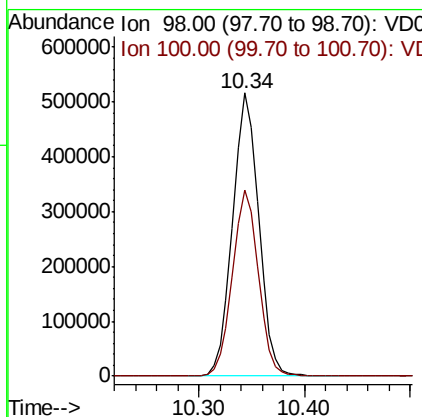
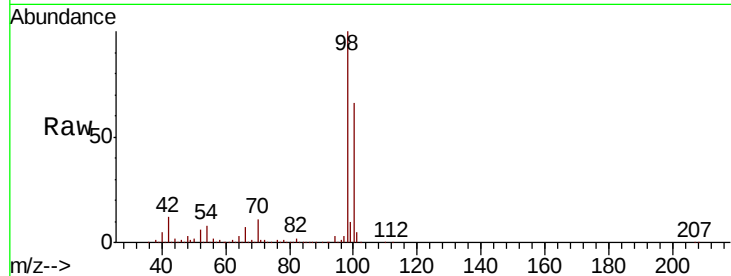




#50
Toluene-d8
Concen: 49.852 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064944.D
Acq: 24 Jan 2020 15:43

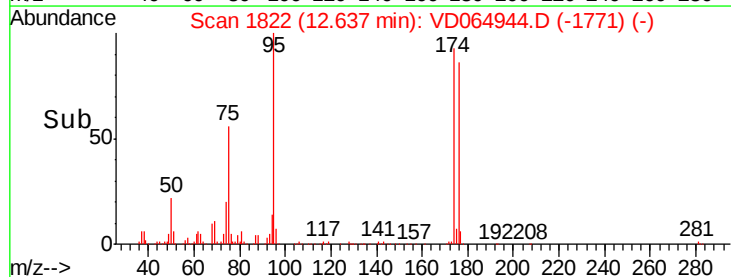
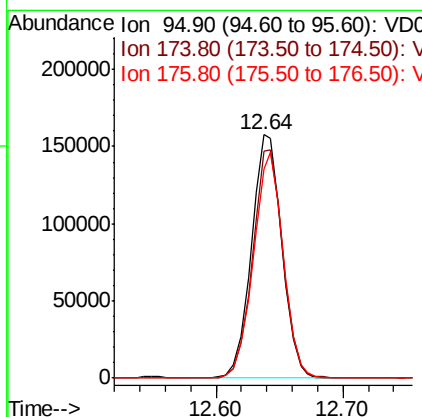
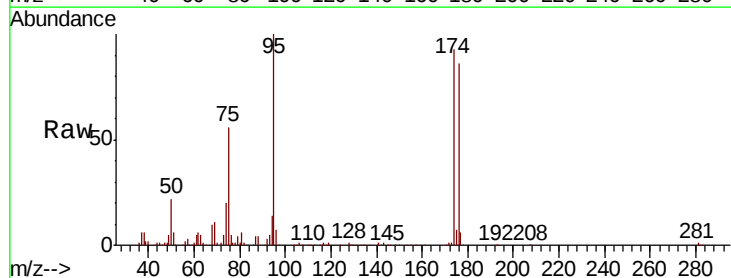
Instrument :
MSVOA_D
ClientSampled :

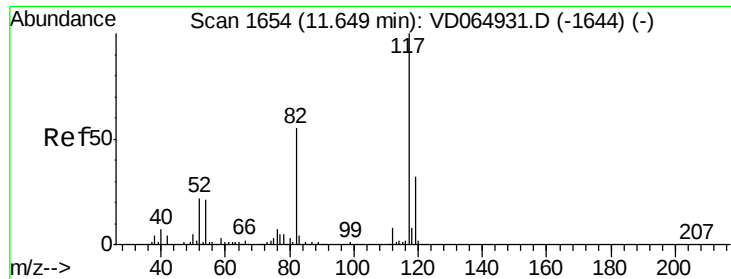
Tot Ion: 98 Resp: 883908
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.569 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064944.D
Acq: 24 Jan 2020 15:43

Tgt Ion: 95 Resp: 263530
Ion Ratio Lower Upper
95 100
174 93.5 0.0 186.8
176 90.7 0.0 183.4

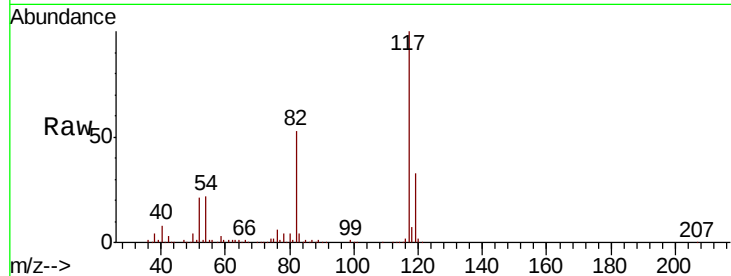




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064944.D
Acq: 24 Jan 2020 15:43

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.6	65.4
119	32.8	25.2	37.8

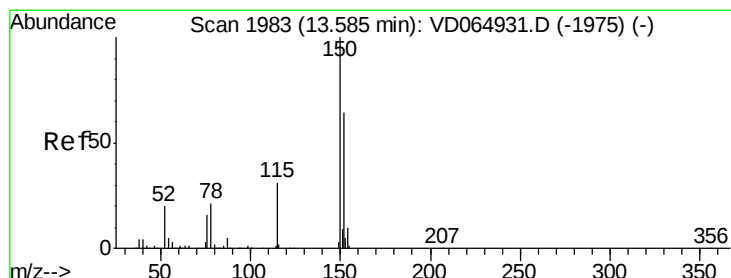
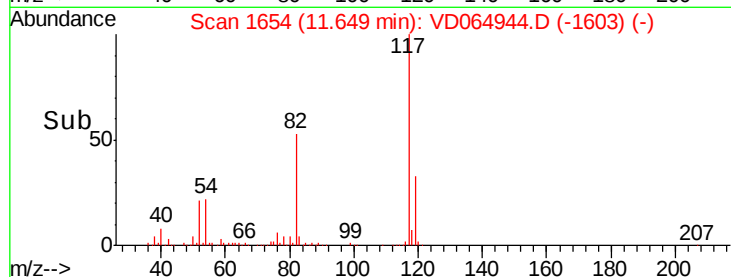
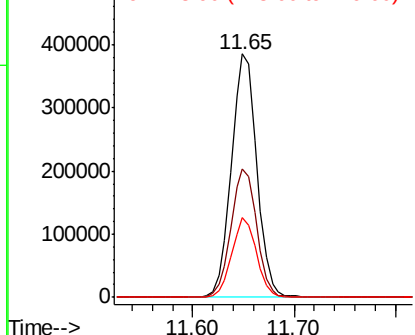


Abundance

Ion 116.90 (116.60 to 117.60): V

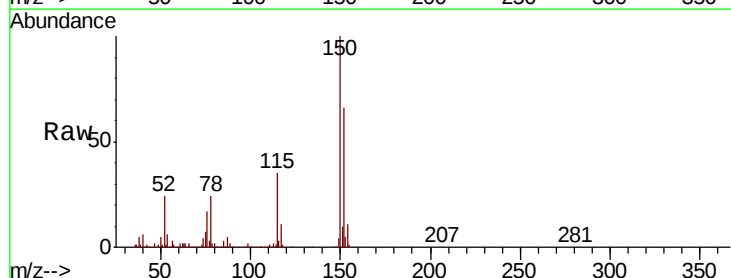
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064944.D
Acq: 24 Jan 2020 15:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.1	84.4
150	156.6	0.0	350.4

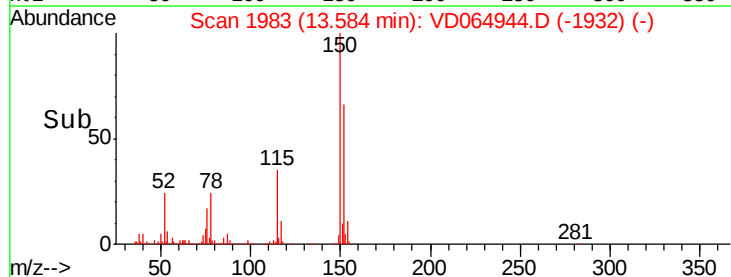
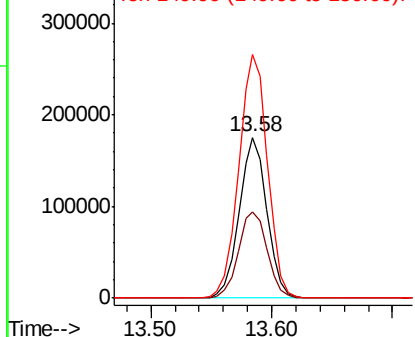


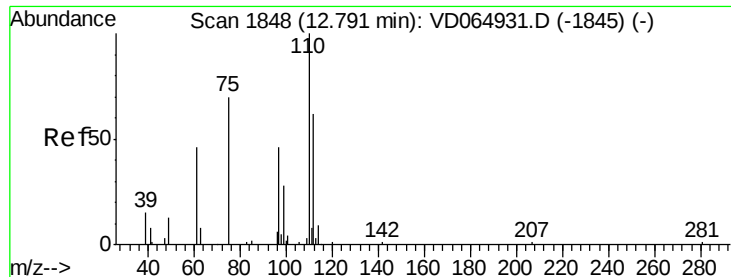
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 62.633 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064944.D

Acq: 24 Jan 2020 15:43

Instrument :

MSVOA_D

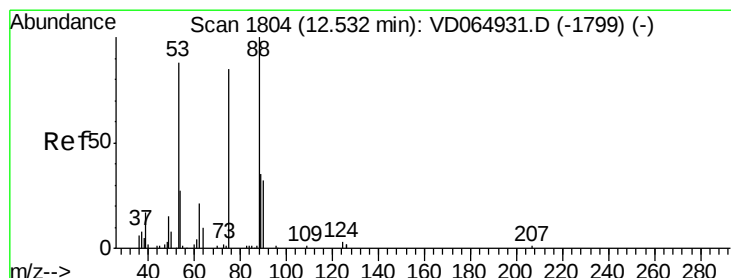
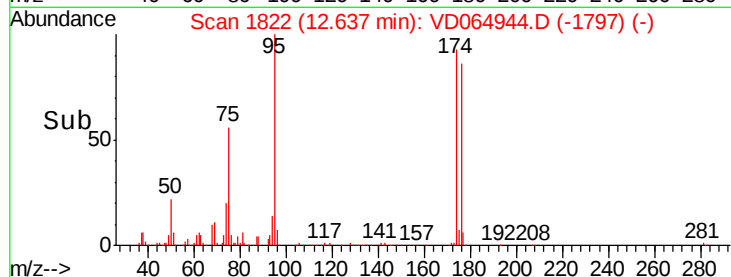
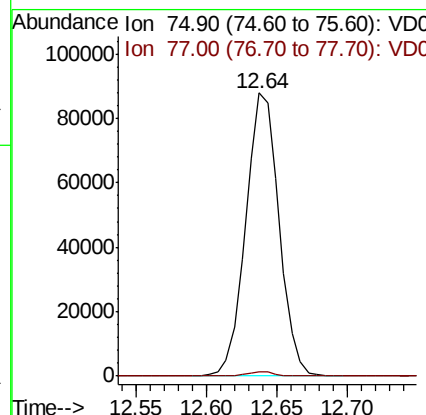
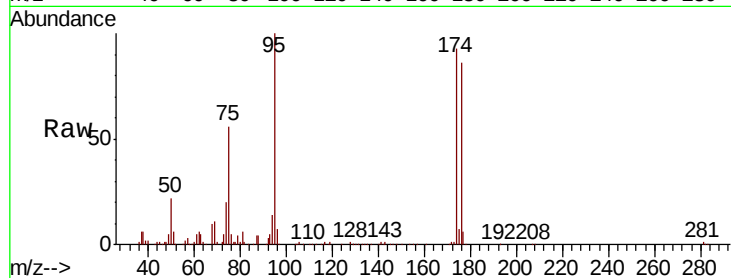
ClientSampleId :

Tot Ion: 75 Resp: 145347

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.735 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064944.D

Acq: 24 Jan 2020 15:43

Tgt Ion: 75 Resp: 145347

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.4#

89 0.1 36.2 54.4#

