

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
 Data File : VD064982.D
 Acq On : 28 Jan 2020 17:51
 Operator : VA/SY
 Sample : L1289-09
 Misc : 7.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 29 01:34:58 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

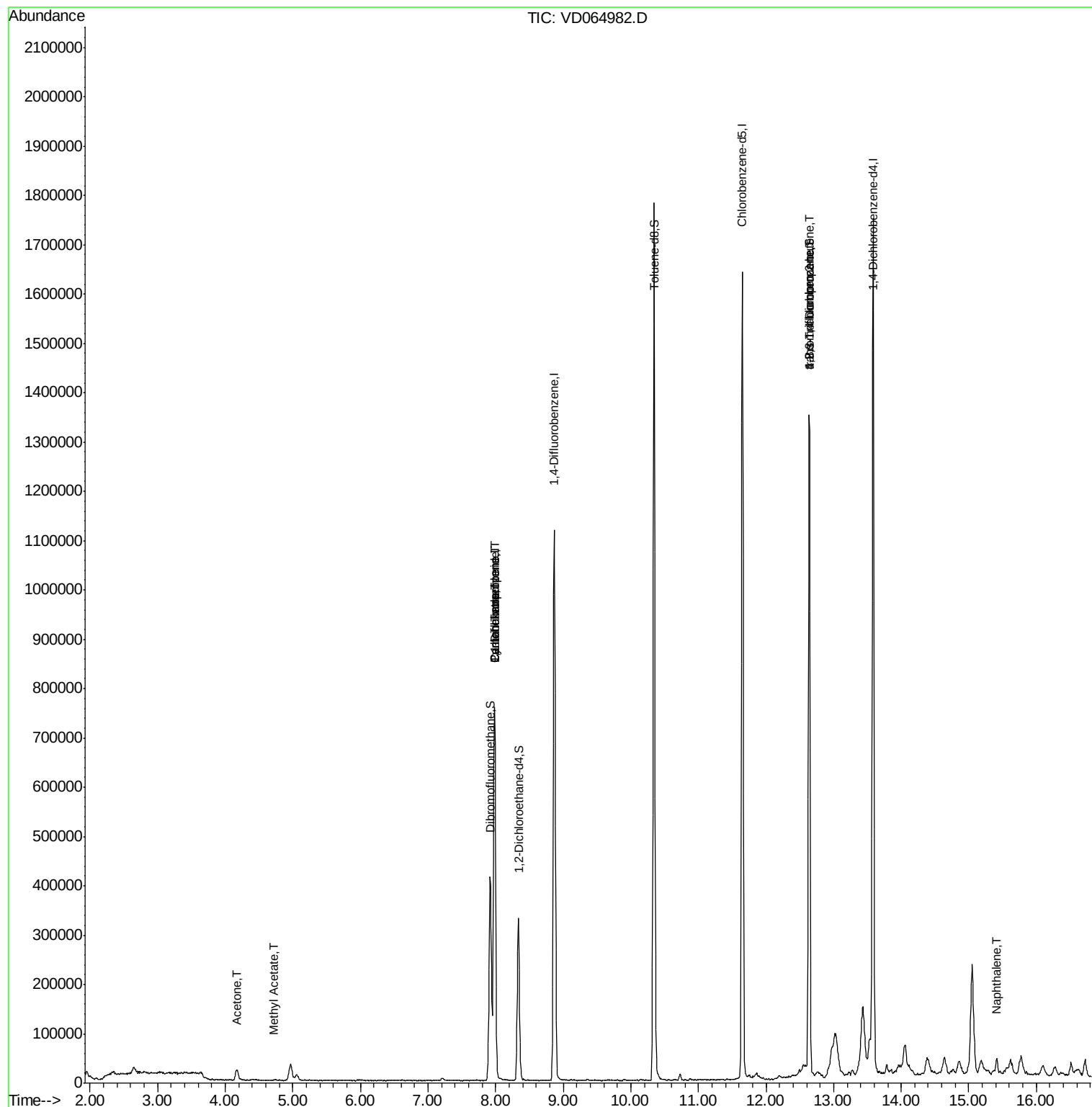
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	611061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	959077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	925352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	464919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	271427	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
35) Dibromofluoromethane	7.92	113	290253	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	10.34	98	1176876	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.64	95	404574	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
Target Compounds						
16) Acetone	4.17	43	41459	38.061	ug/l	98
18) Methyl Acetate	4.72	43	2892	1.053	ug/l #	68
20) Methylene Chloride	4.96	84	26071	Below Cal		94
31) Cyclohexane	7.99	56	13624	1.334	ug/l #	32
36) 1,1-Dichloropropene	7.98	75	43959	4.753	ug/l #	50
38) Carbon Tetrachloride	7.99	117	55790	5.707	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	221636	57.435	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	221636	122.638	ug/l #	9
95) Naphthalene	15.42	128	27691	1.958	ug/l #	95

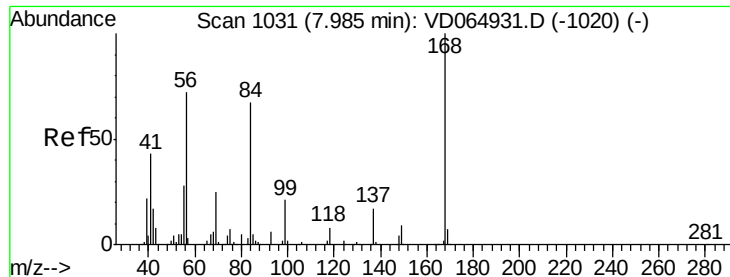
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012820\
Data File : VD064982.D
Acq On : 28 Jan 2020 17:51
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MSVOA_D
ClientSampleId :

Quant Time: Jan 29 01:34:58 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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064982.D

Acq: 28 Jan 2020 17:51

Instrument :

MSVOA_D

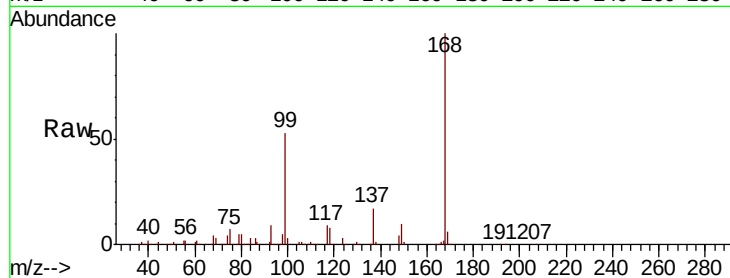
ClientSampleId :

Tot Ion:168 Resp: 611061

Ion Ratio Lower Upper

168 100

99 52.8 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.99

250000

200000

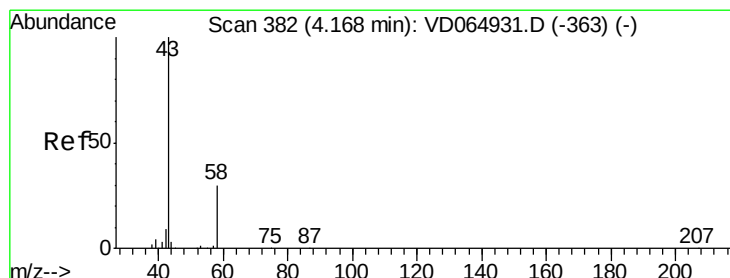
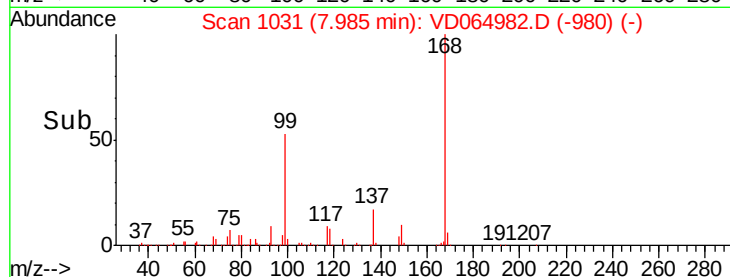
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100000

50000

0

Time-->



#16

Acetone

Concen: 38.061 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064982.D

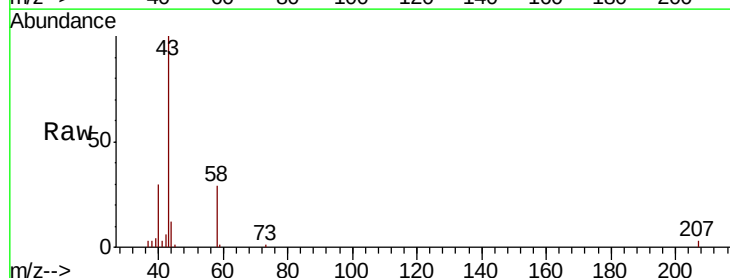
Acq: 28 Jan 2020 17:51

Tgt Ion: 43 Resp: 41459

Ion Ratio Lower Upper

43 100

58 28.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 58.00 (57.70 to 58.70): V

4.17

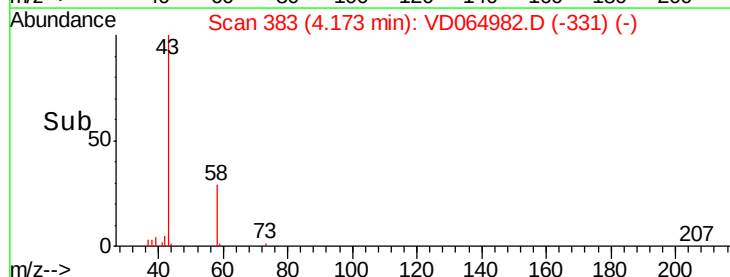
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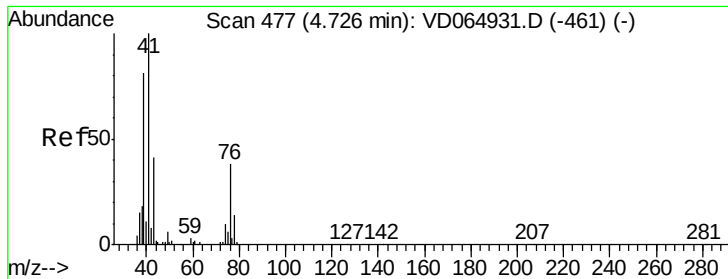
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5000

0

Time-->

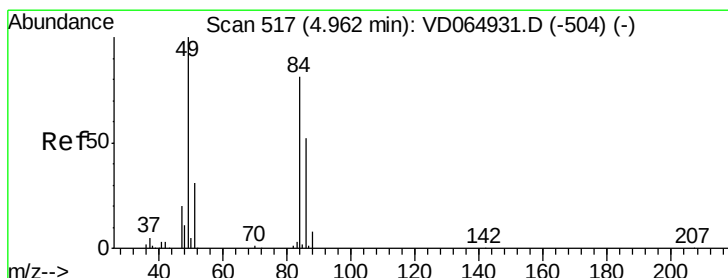
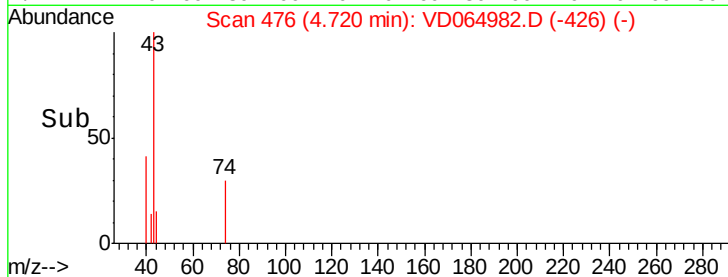
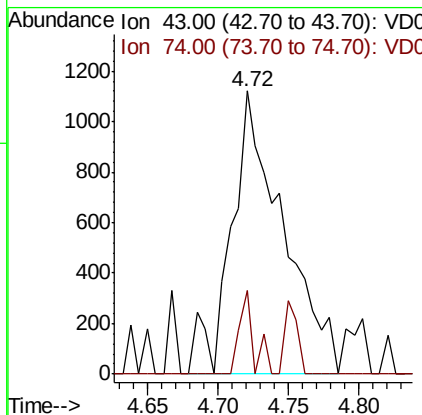
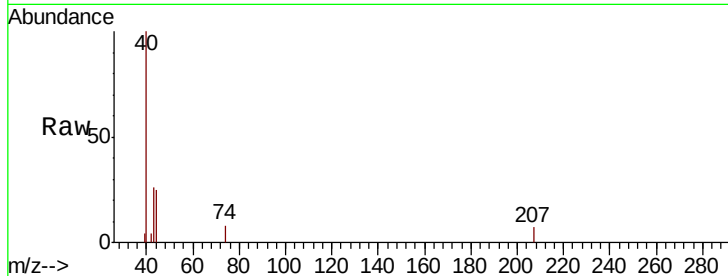




#18
Methyl Acetate
Concen: 1.053 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD064982.D
Acq: 28 Jan 2020 17:51

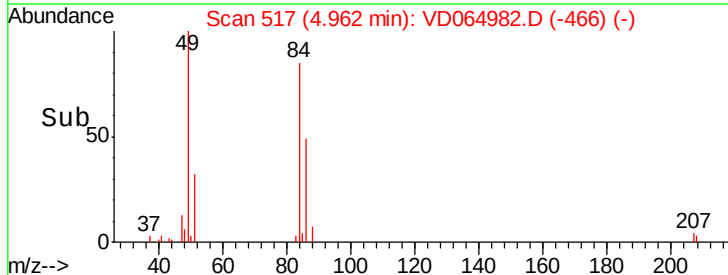
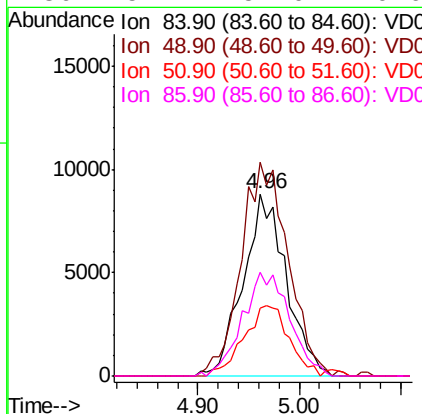
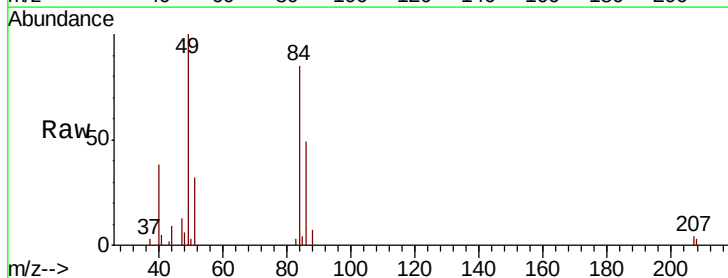
Instrument :
MSVOA_D
ClientSampleId :

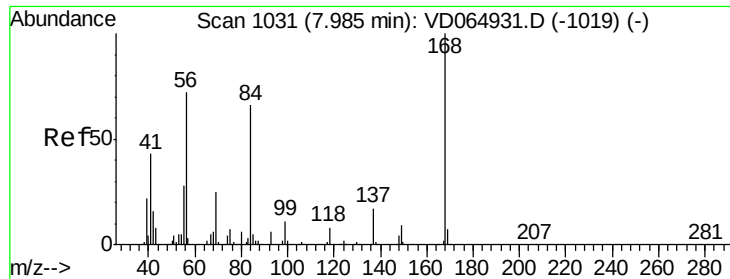
Tot Ion: 43 Resp: 2892
Ion Ratio Lower Upper
43 100
74 8.1 19.1 28.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064982.D
Acq: 28 Jan 2020 17:51

Tgt Ion: 84 Resp: 26071
Ion Ratio Lower Upper
84 100
49 117.5 98.4 147.6
51 37.1 30.8 46.2
86 57.1 51.0 76.6

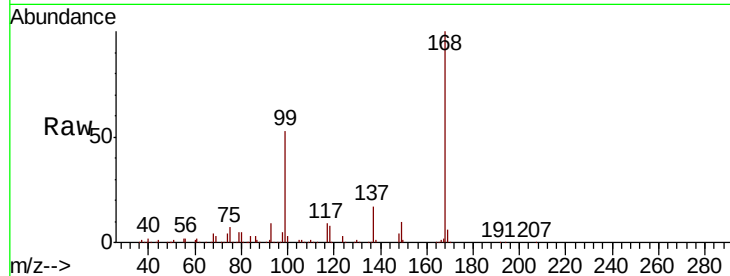




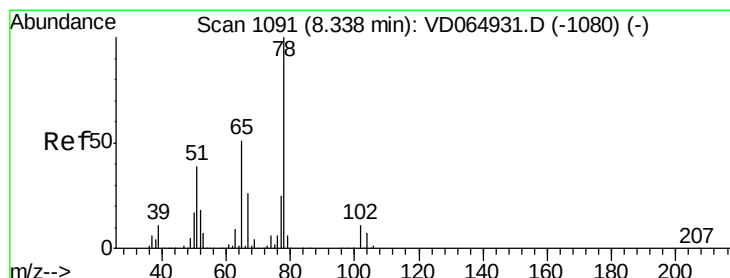
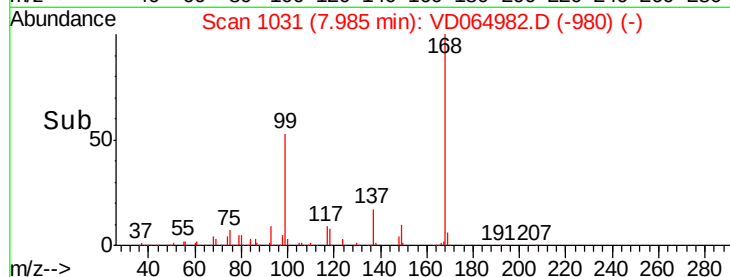
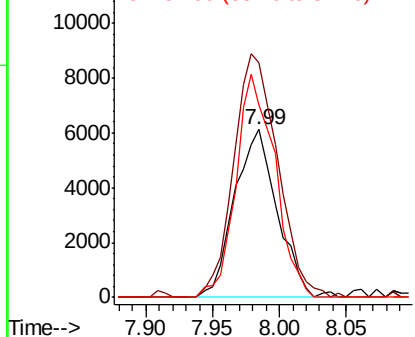
#31
Cyclohexane
Concen: 1.334 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064982.D
Acq: 28 Jan 2020 17:51

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 13624
Ion Ratio Lower Upper
56 100
69 139.9 27.9 41.9#
84 114.7 72.8 109.2#

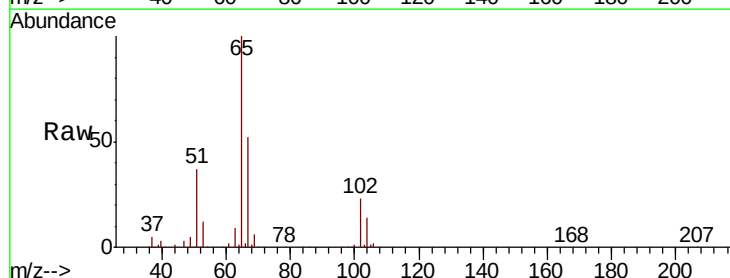


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

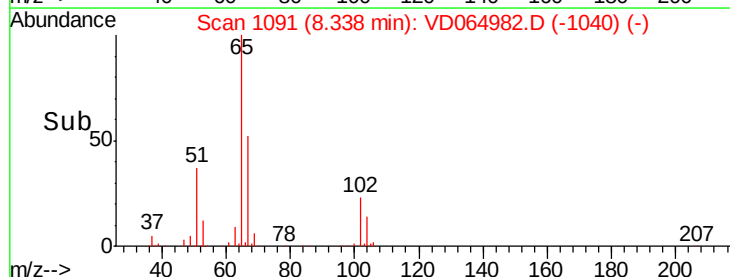
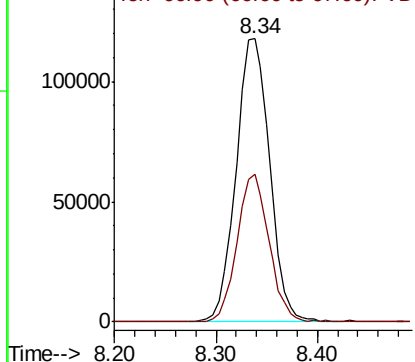


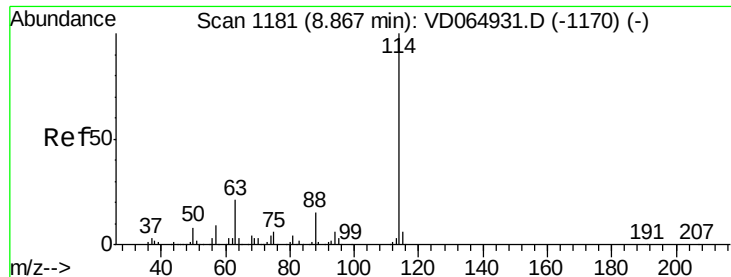
#33
1,2-Dichloroethane-d4
Concen: 46.308 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064982.D
Acq: 28 Jan 2020 17:51

Tgt Ion: 65 Resp: 271427
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

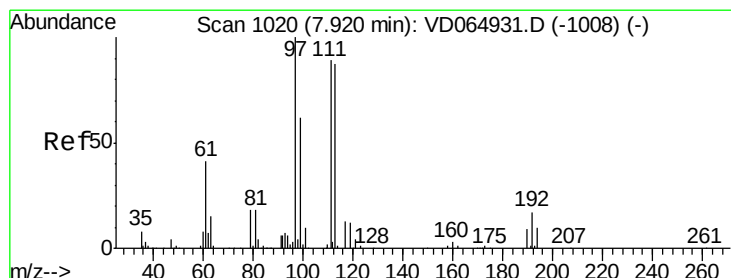
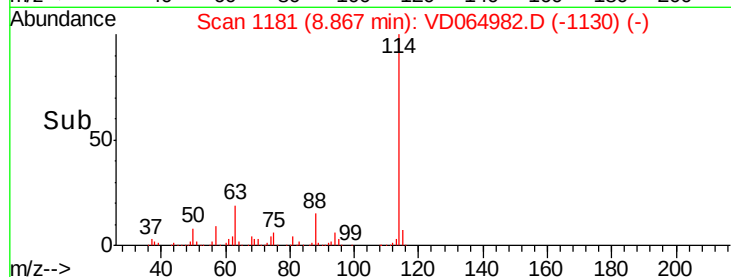
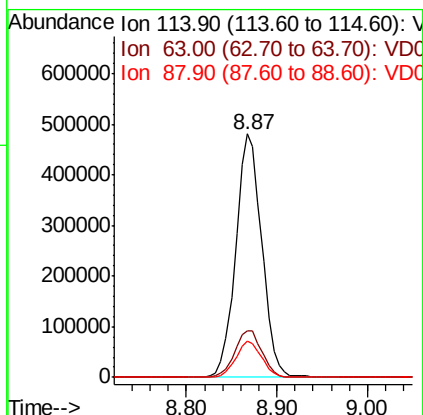
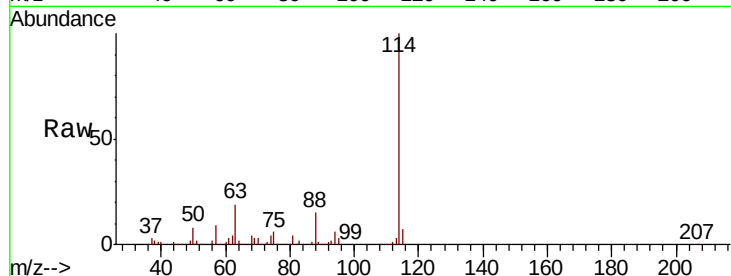




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064982.D
 Acq: 28 Jan 2020 17:51

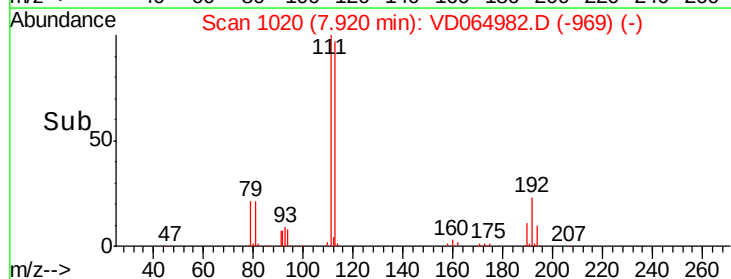
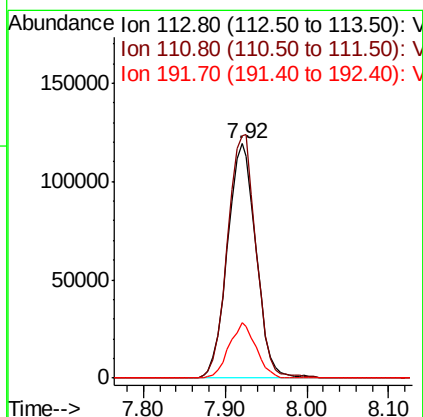
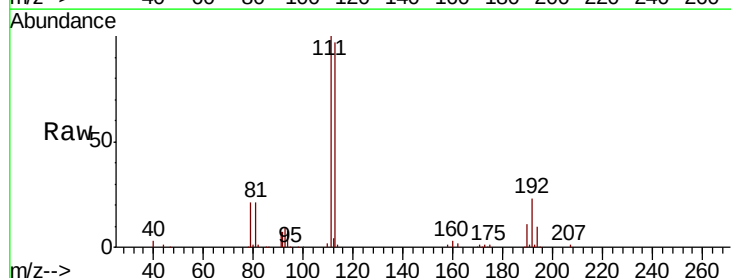
Instrument :
 MSVOA_D
 ClientSampleId :

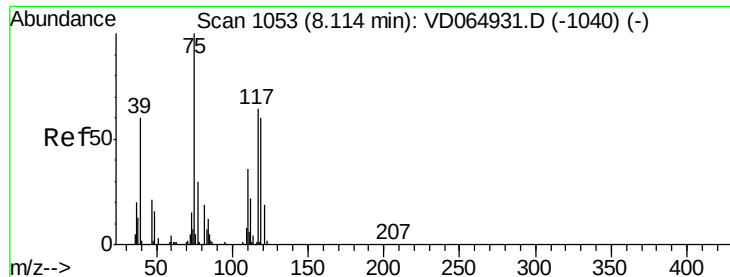
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	42.0
88	15.1	0.0	29.4



#35
 Dibromofluoromethane
 Concen: 48.159 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064982.D
 Acq: 28 Jan 2020 17:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.4	123.6
192	22.4	16.9	25.3

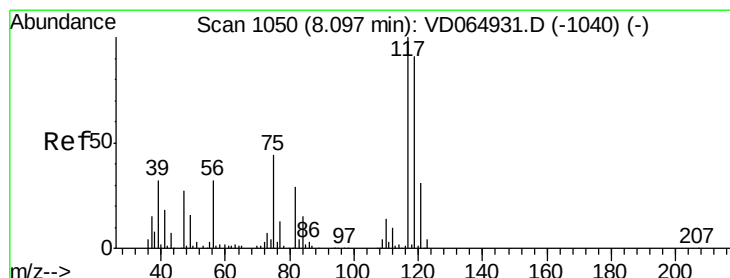
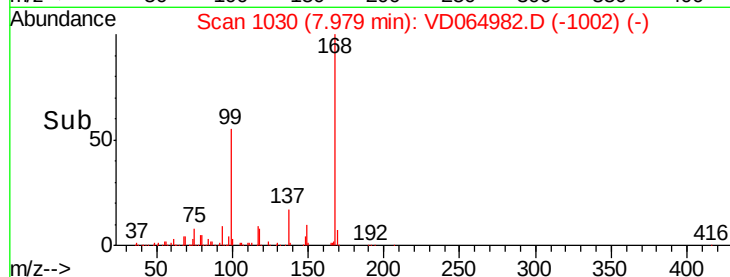
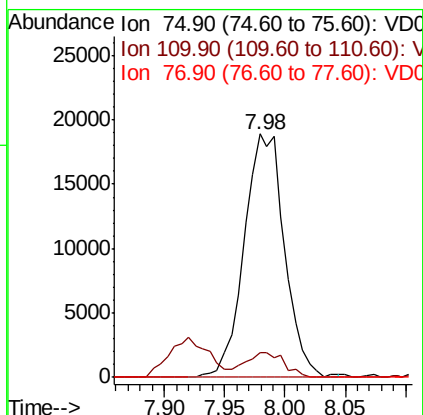
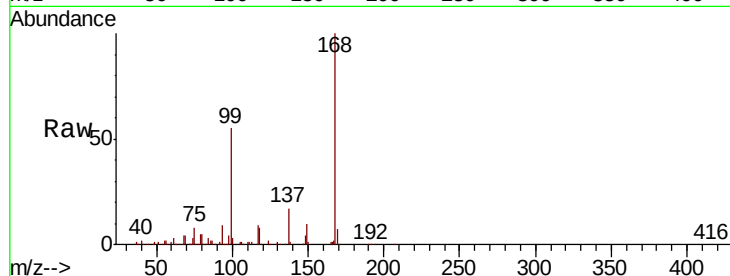




#36
 1,1-Dichloropropene
 Concen: 4.753 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064982.D
 Acq: 28 Jan 2020 17:51

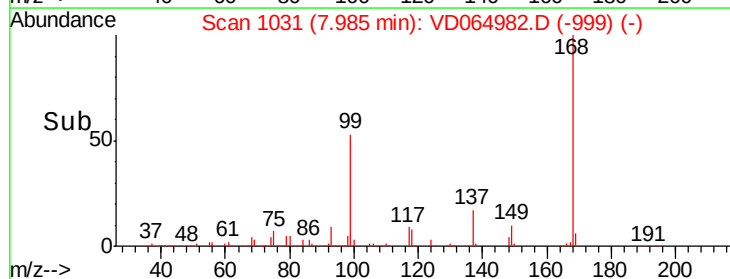
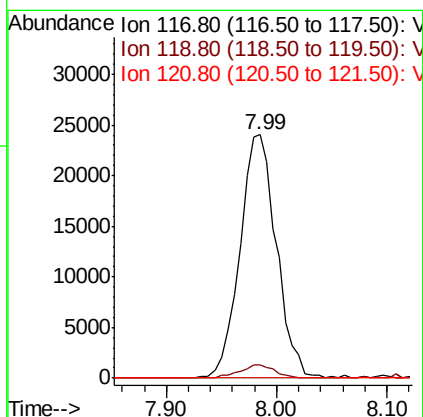
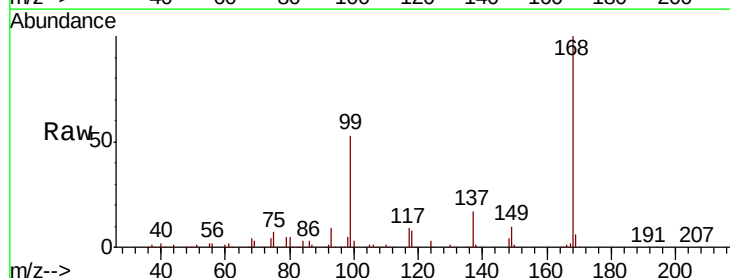
Instrument :
 MSVOA_D
 ClientSampleId :

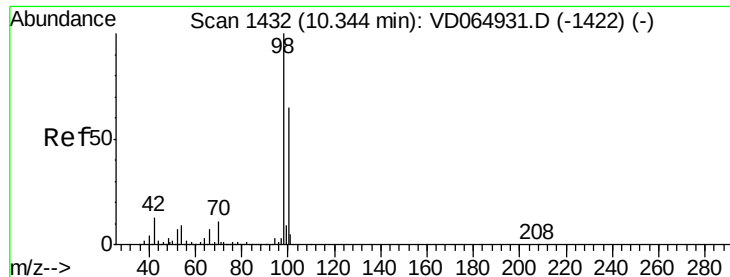
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.3	52.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.707 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064982.D
 Acq: 28 Jan 2020 17:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	73.2	109.8#
121	0.0	24.4	36.6#

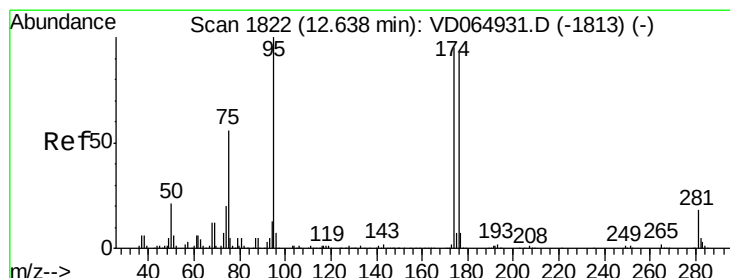
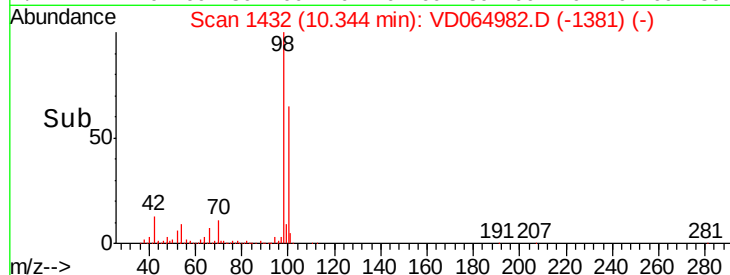
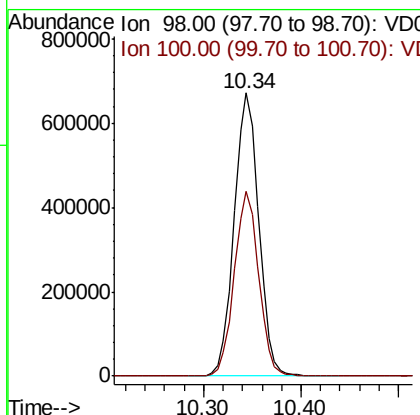
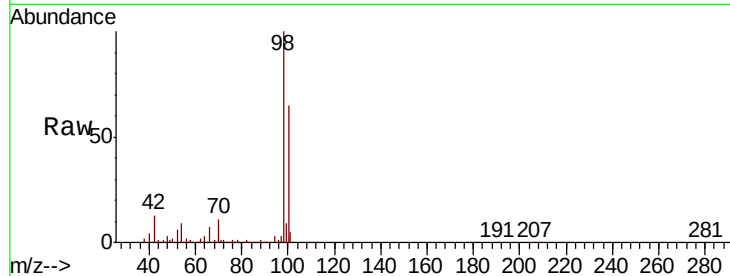




#50
Toluene-d8
Concen: 50.593 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064982.D
Acq: 28 Jan 2020 17:51

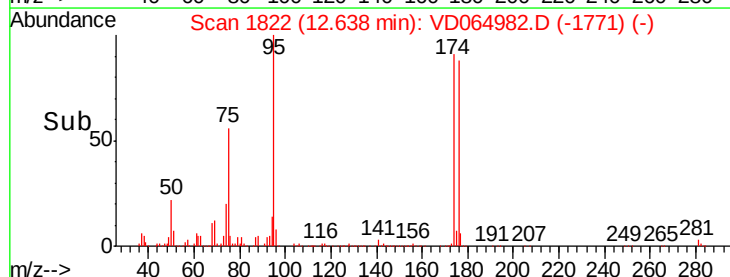
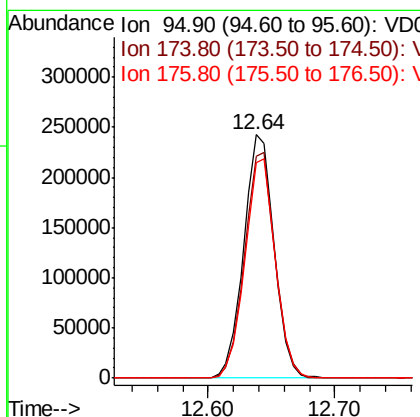
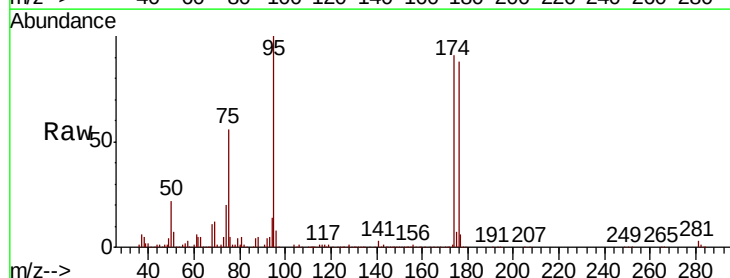
Instrument :
MSVOA_D
ClientSampleId :

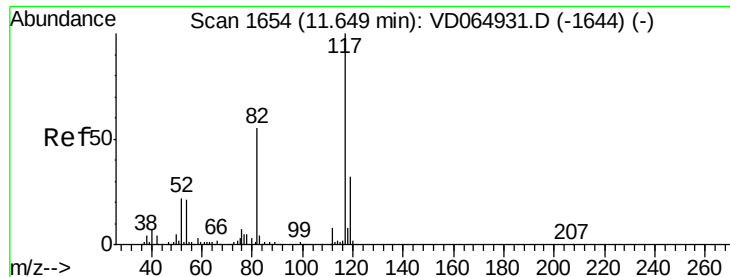
Tot Ion: 98 Resp: 1176876
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 56.833 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064982.D
Acq: 28 Jan 2020 17:51

Tgt Ion: 95 Resp: 404574
Ion Ratio Lower Upper
95 100
174 92.8 0.0 186.8
176 90.2 0.0 183.4

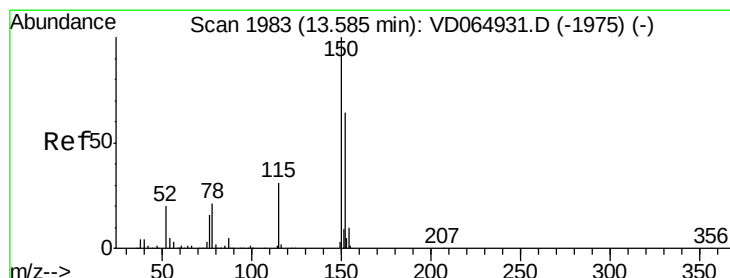
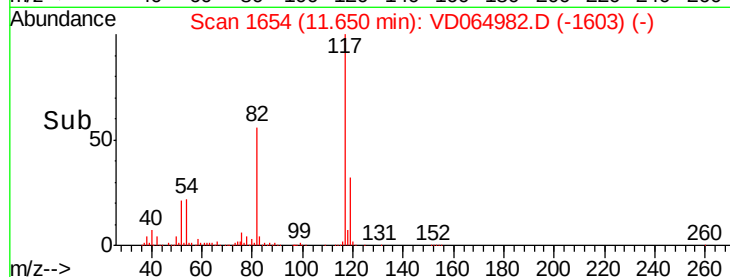
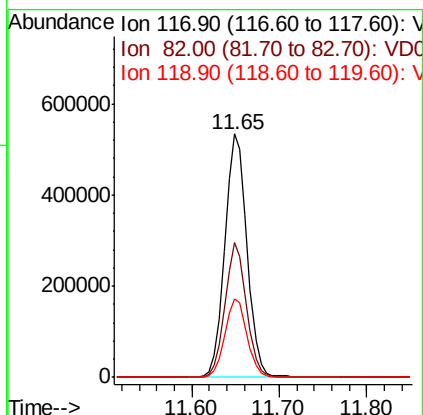
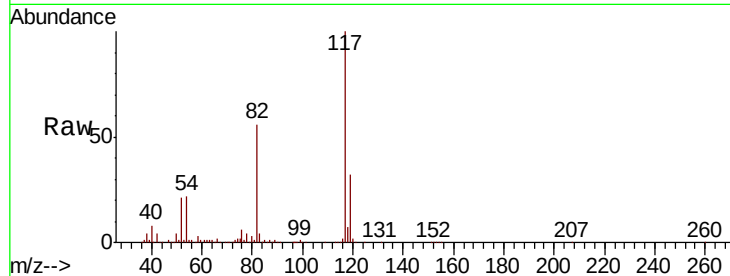




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064982.D
Acq: 28 Jan 2020 17:51

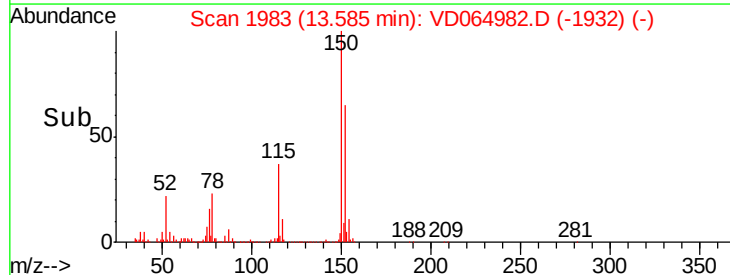
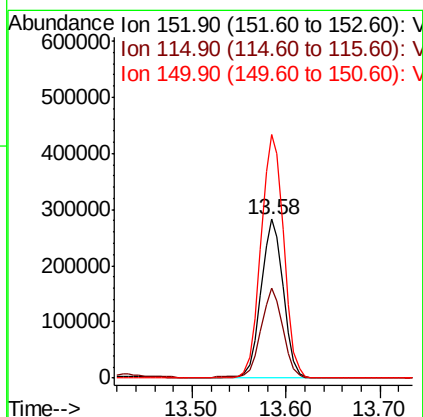
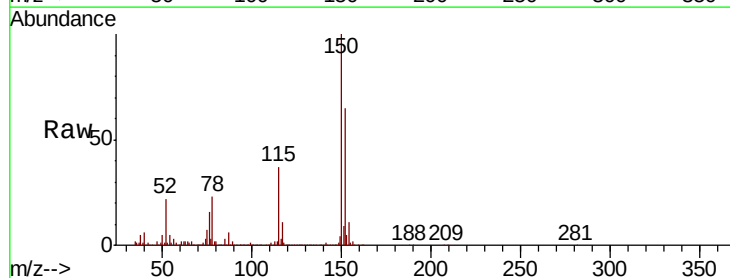
Instrument :
MSVOA_D
ClientSampleId :

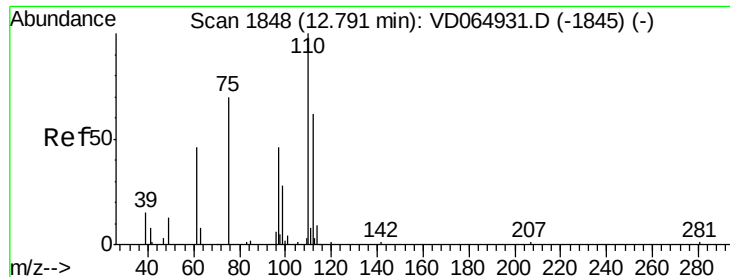
Tot Ion:117 Resp: 925352
Ion Ratio Lower Upper
117 100
82 55.6 43.6 65.4
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064982.D
Acq: 28 Jan 2020 17:51

Tgt Ion:152 Resp: 464919
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.4
150 155.1 0.0 350.4





#76

1,2,3-Trichloropropane

Concen: 57.435 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064982.D

Acq: 28 Jan 2020 17:51

Instrument :

MSVOA_D

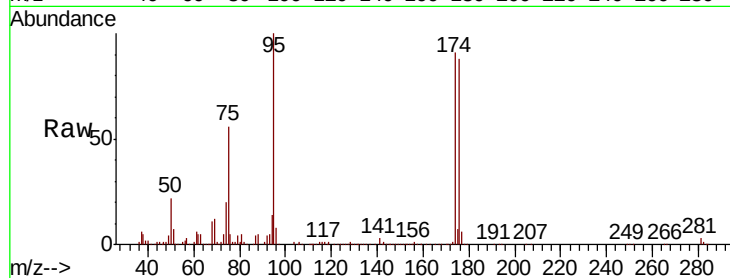
ClientSampleId :

Tot Ion: 75 Resp: 221636

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

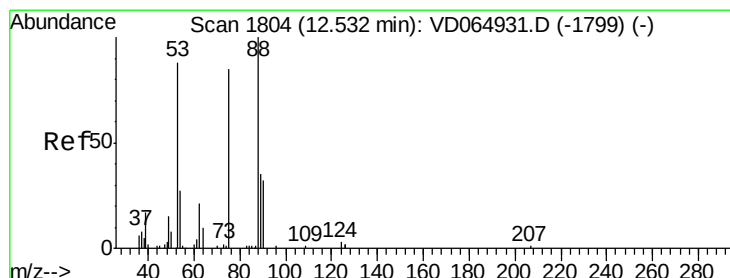
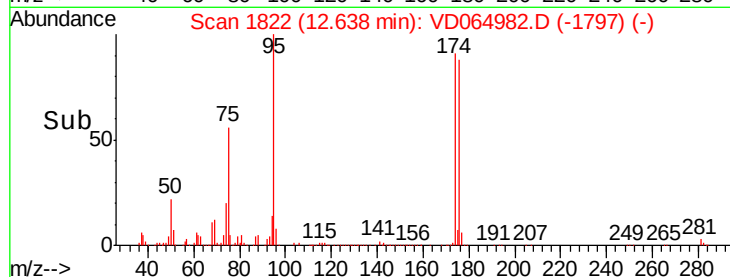
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 122.638 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064982.D

Acq: 28 Jan 2020 17:51

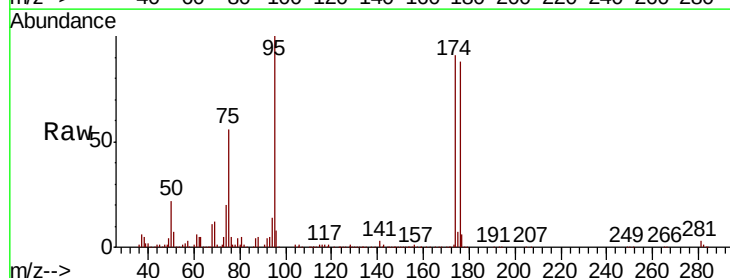
Tgt Ion: 75 Resp: 221636

Ion Ratio Lower Upper

75 100

53 0.2 81.0 121.4#

89 0.2 36.2 54.4#



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

12.64

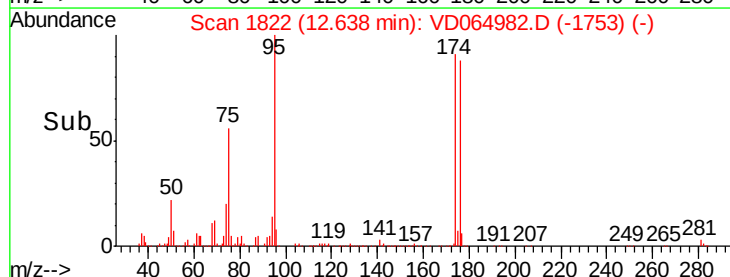
150000

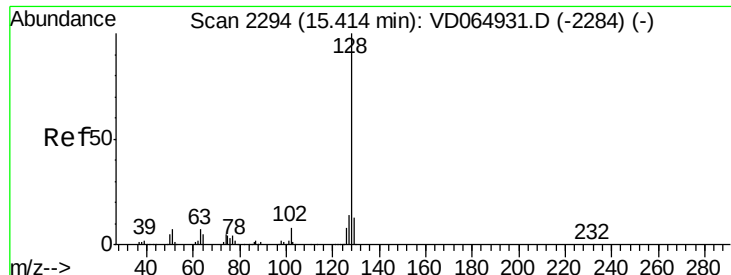
100000

50000

0

Time-->

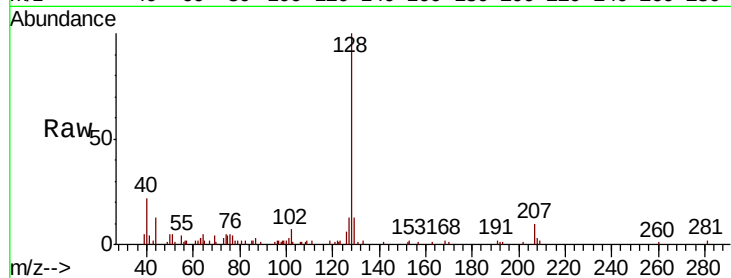




#95
 Naphthalene
 Concen: 1.958 ug/l
 RT: 15.42 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: VD064982.D
 Acq: 28 Jan 2020 17:51

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.6	15.8
129	14.4	9.3	13.9



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

