

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012920\
 Data File : VD064996.D
 Acq On : 29 Jan 2020 15:31
 Operator : VA/SY
 Sample : L1307-02RE
 Misc : 6.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-NORTH-SIDERE

Quant Time: Jan 29 16:14:17 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	406964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	638085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	482163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134985	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	210225	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
35) Dibromofluoromethane	7.92	113	217280	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
50) Toluene-d8	10.34	98	720135	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
62) 4-Bromofluorobenzene	12.64	95	172957	36.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.04%	

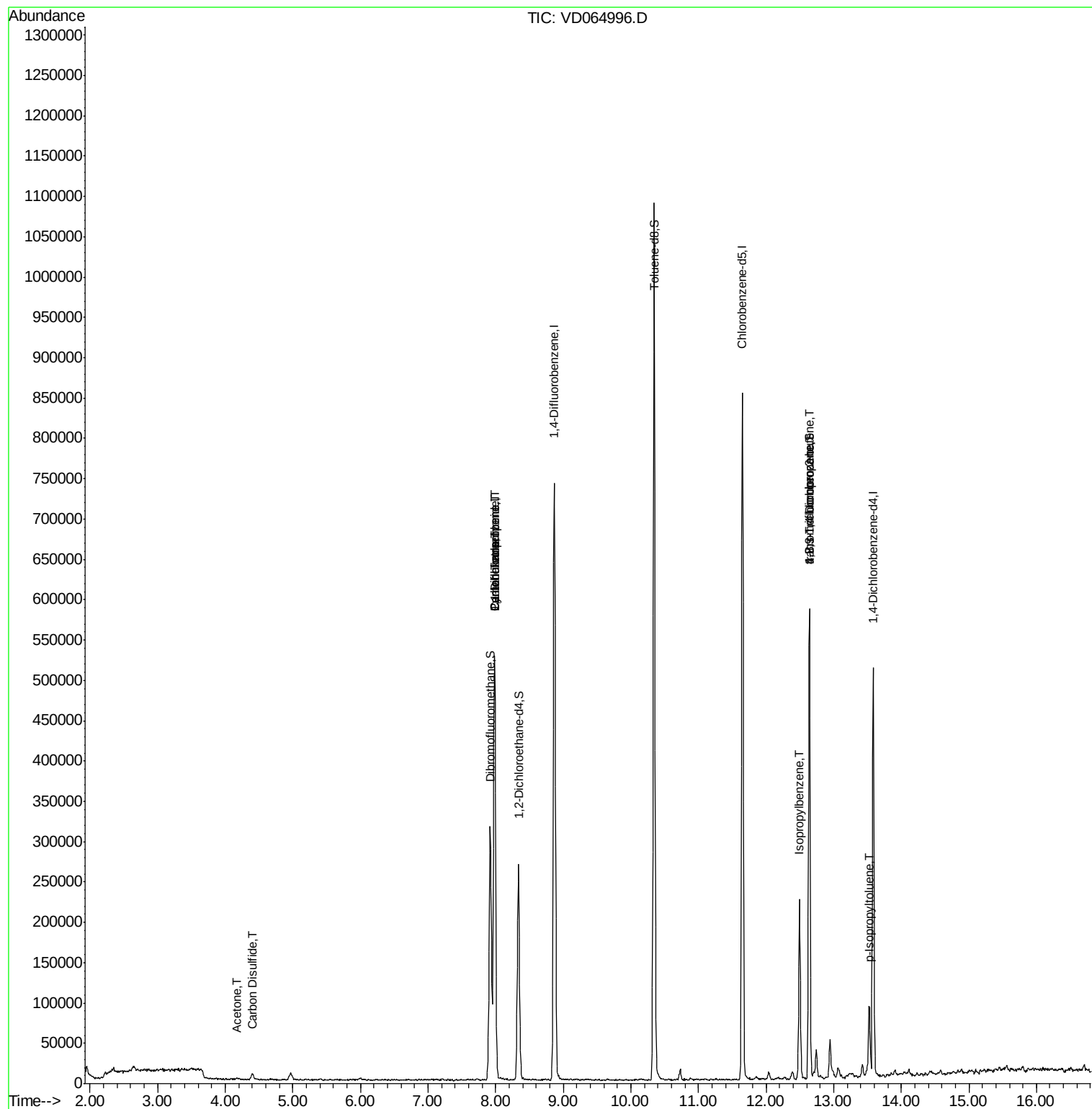
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	3610	16.94	ug/l #	73
17) Carbon Disulfide	4.40	76	14529	1.25	ug/l #	88
20) Methylene Chloride	4.96	84	3370	Below Cal	#	82
31) Cyclohexane	7.98	56	9192	1.35	ug/l #	25
36) 1,1-Dichloropropene	7.98	75	29748	4.83	ug/l #	51
38) Carbon Tetrachloride	7.98	117	37770	5.81	ug/l #	17
73) Isopropylbenzene	12.50	105	10734	1.16	ug/l	76
76) 1,2,3-Trichloropropane	12.64	75	93725	83.65	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	93725	178.62	ug/l #	9
86) p-Isopropyltoluene	13.53	119	47618	5.60	ug/l	96

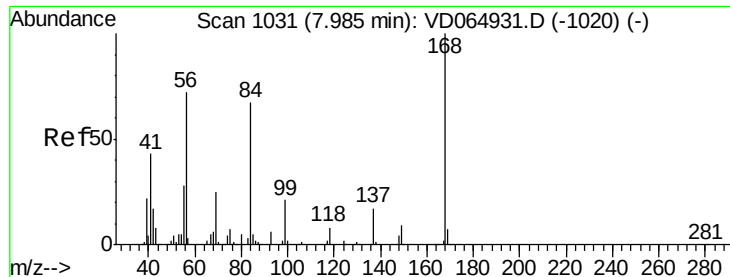
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD012920\
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Quant Time: Jan 29 16:14:17 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: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064996.D

Acq: 29 Jan 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

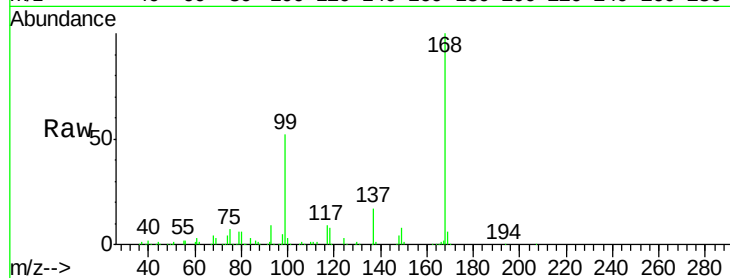
SP-NORTH-SIDERE

Tgt Ion:168 Resp: 406964

Ion Ratio Lower Upper

168 100

99 51.8 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

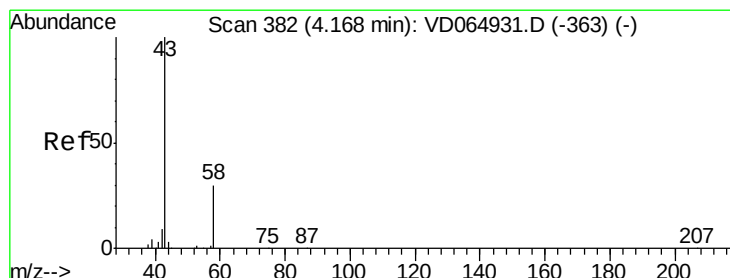
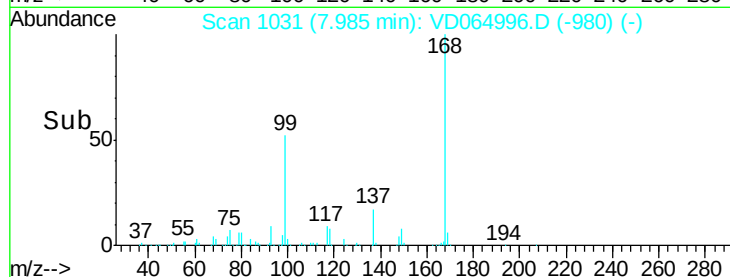
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.94 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064996.D

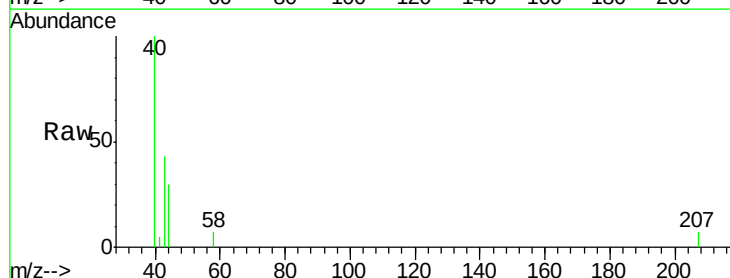
Acq: 29 Jan 2020 15:31

Tgt Ion: 43 Resp: 3610

Ion Ratio Lower Upper

43 100

58 15.2 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

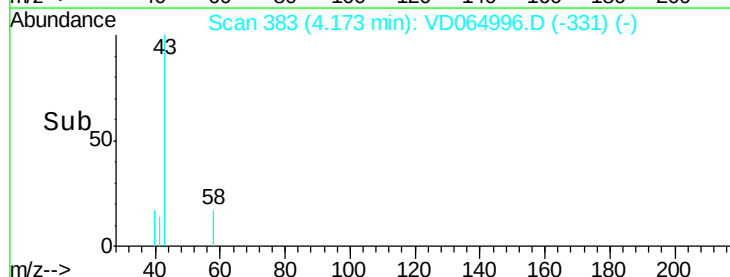
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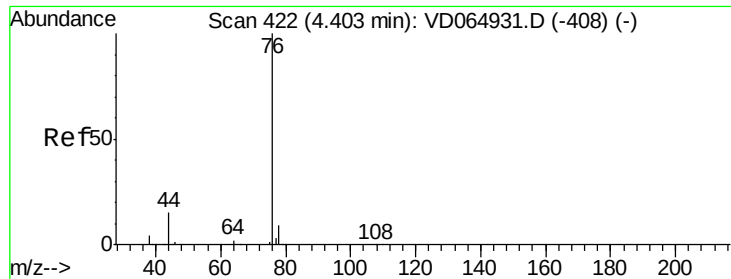
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Time-->

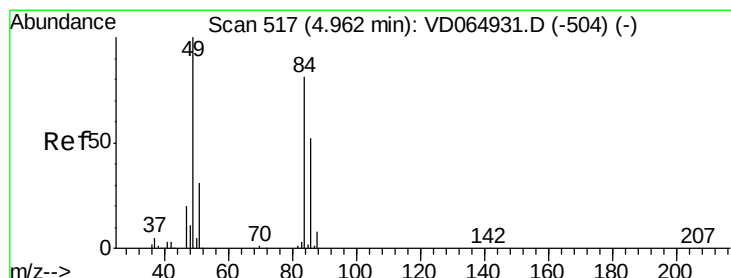
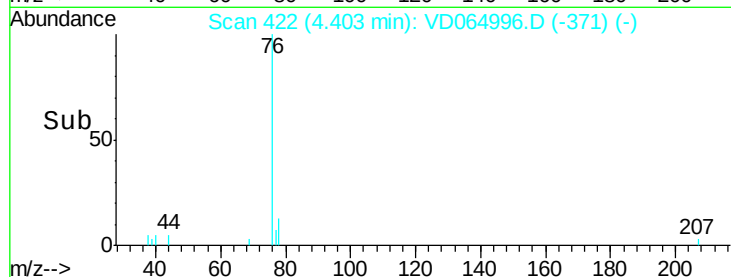
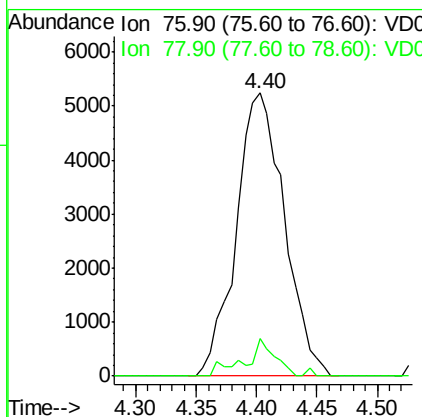
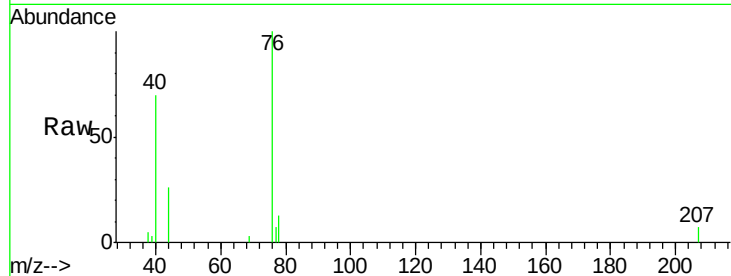




#17
Carbon Disulfide
Concen: 1.25 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD064996.D
Acq: 29 Jan 2020 15:31

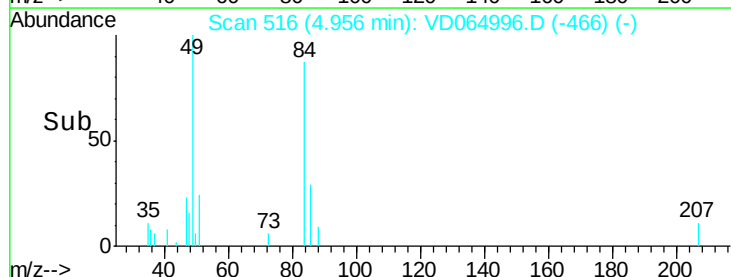
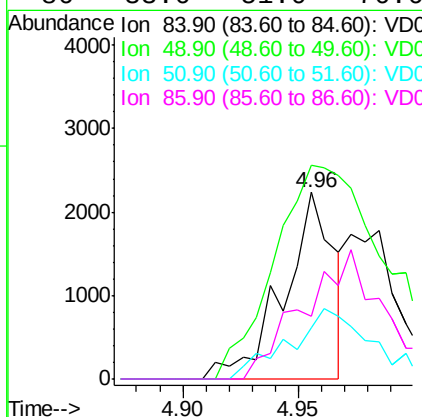
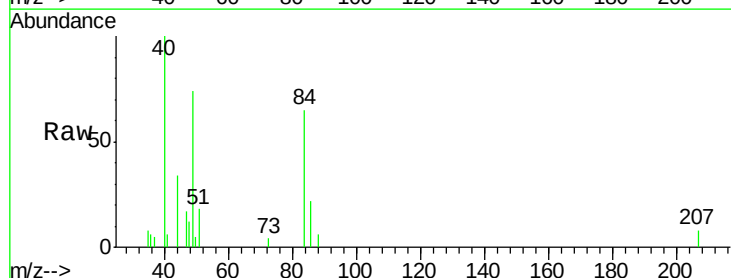
Instrument :
MSVOA_D
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SP-NORTH-SIDERE

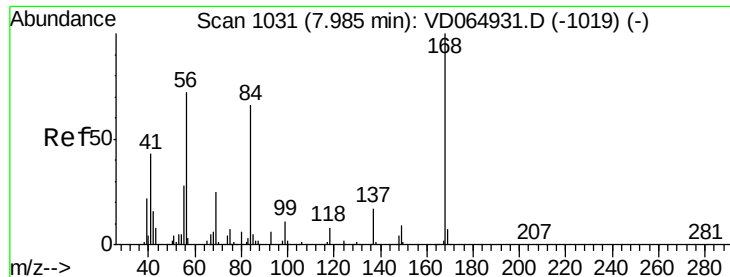
Tgt Ion: 76 Resp: 14529
Ion Ratio Lower Upper
76 100
78 13.3 7.1 10.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064996.D
Acq: 29 Jan 2020 15:31

Tgt Ion: 84 Resp: 3370
Ion Ratio Lower Upper
84 100
49 114.4 98.4 147.6
51 27.6 30.8 46.2#
86 33.6 51.0 76.6#

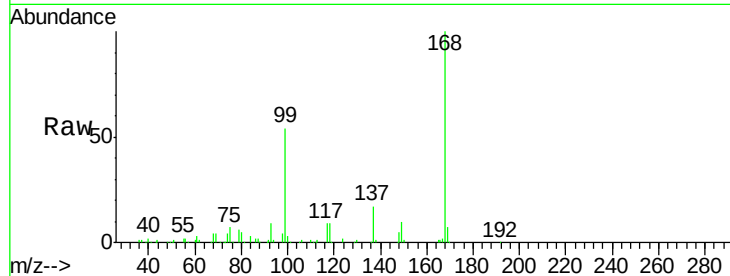




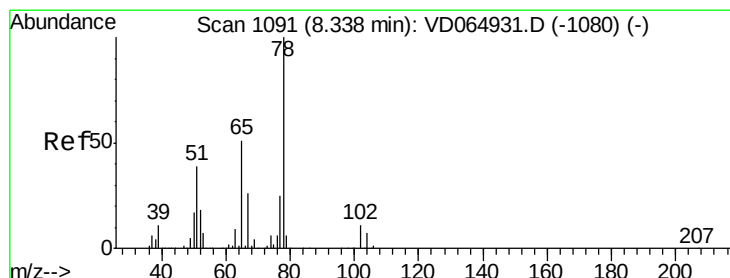
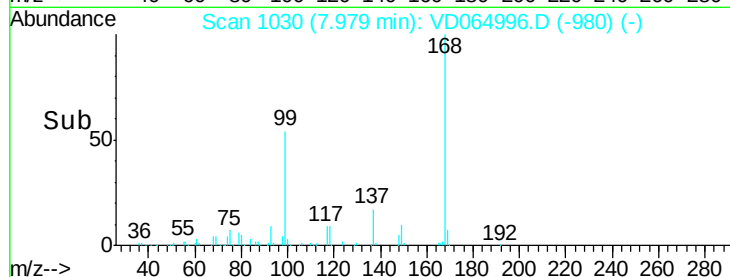
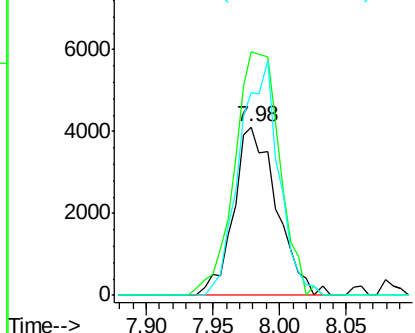
#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064996.D
Acq: 29 Jan 2020 15:31

Instrument :
MSVOA_D
ClientSampleId :
SP-NORTH-SIDERE

Tgt Ion: 56 Resp: 9192
Ion Ratio Lower Upper
56 100
69 144.3 27.9 41.9#
84 120.3 72.8 109.2#

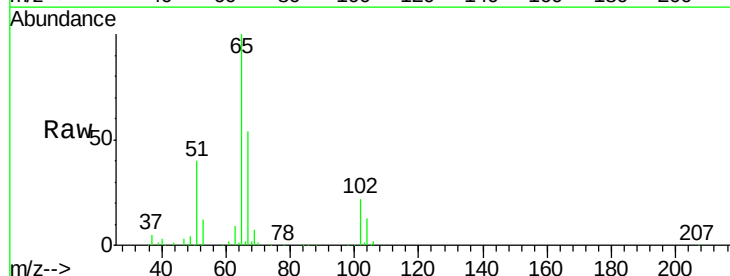


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

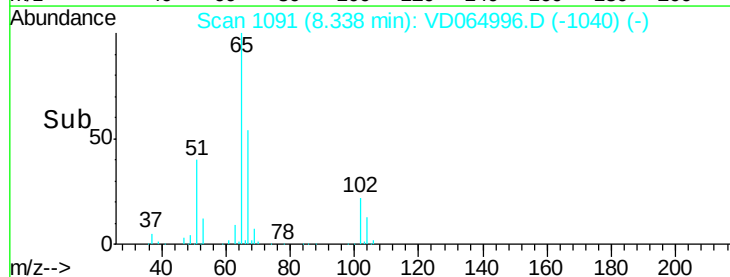
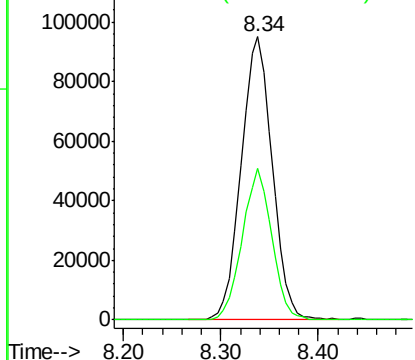


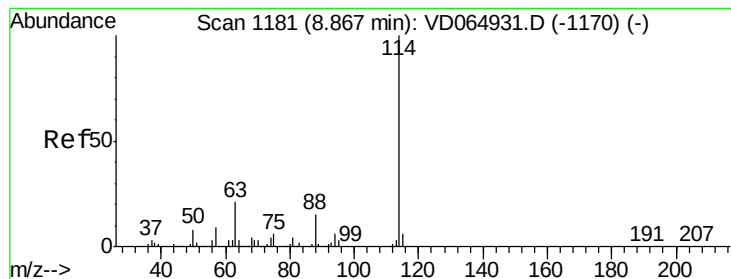
#33
1,2-Dichloroethane-d4
Concen: 53.85 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064996.D
Acq: 29 Jan 2020 15:31

Tgt Ion: 65 Resp: 210225
Ion Ratio Lower Upper
65 100
67 51.0 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: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064996.D

Acq: 29 Jan 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

SP-NORTH-SIDERE

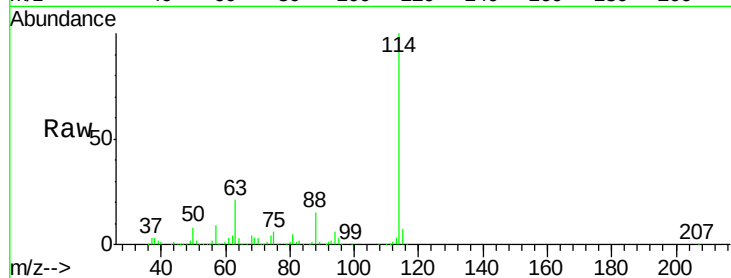
Tgt Ion:114 Resp: 638085

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.0

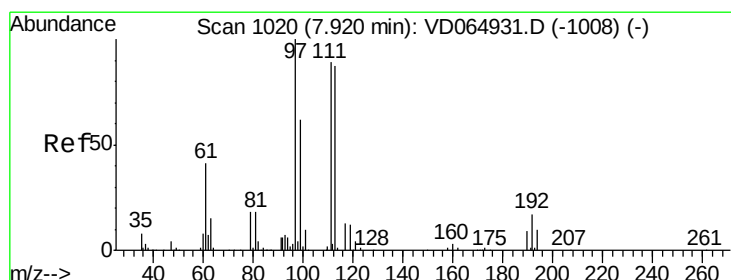
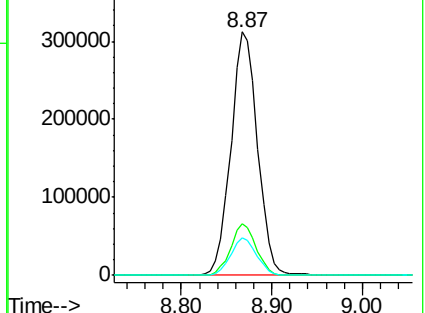
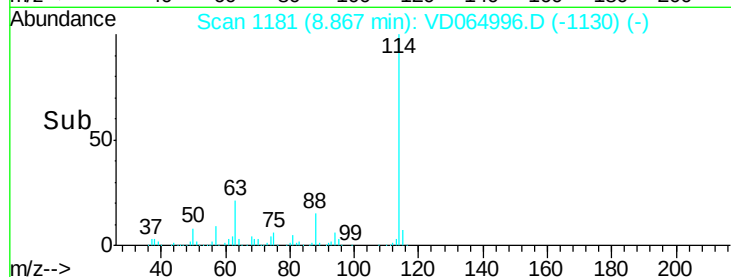
88 15.2 0.0 29.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 54.19 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064996.D

Acq: 29 Jan 2020 15:31

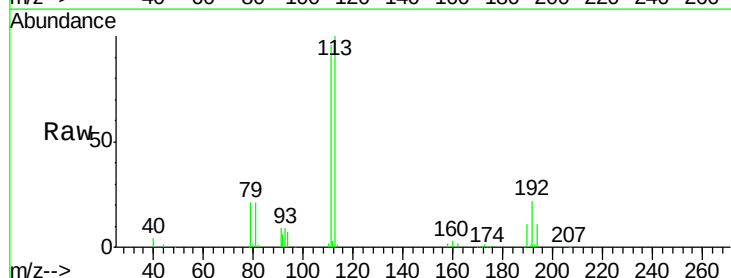
Tgt Ion:113 Resp: 217280

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

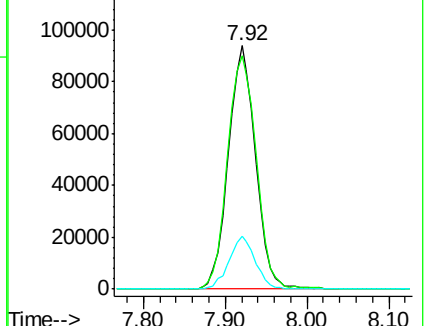
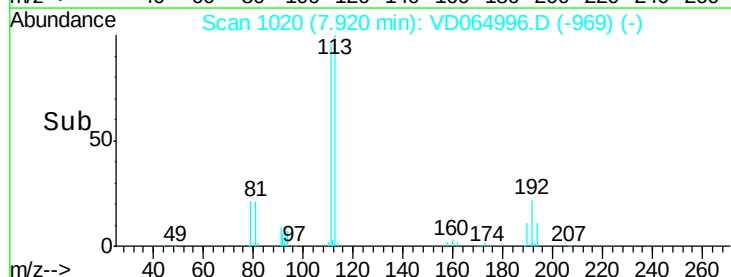
192 21.0 16.9 25.3

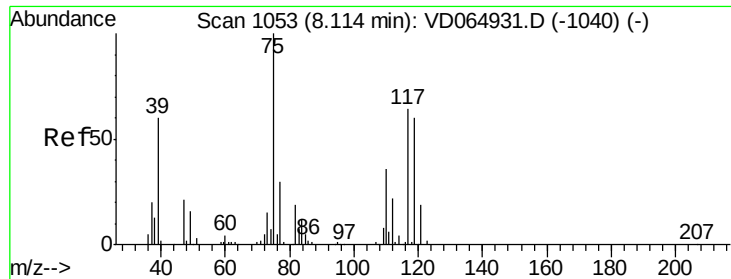


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

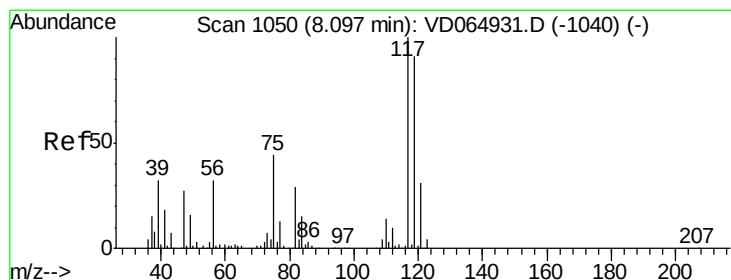
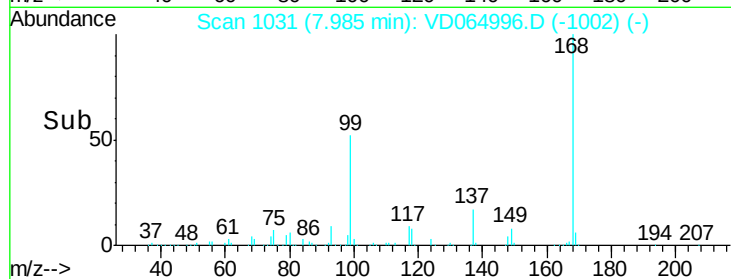
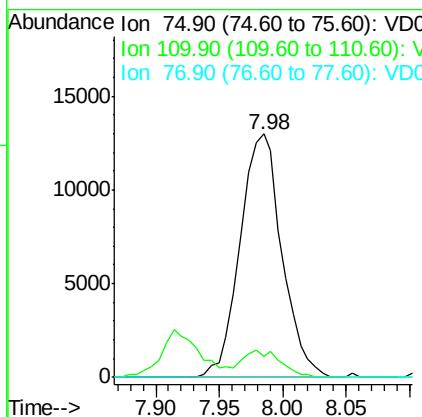
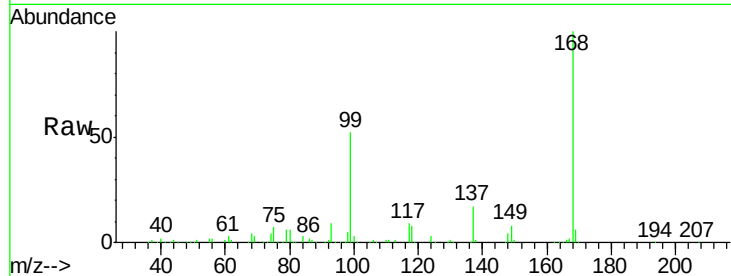




#36
 1,1-Dichloropropene
 Concen: 4.83 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064996.D
 Acq: 29 Jan 2020 15:31

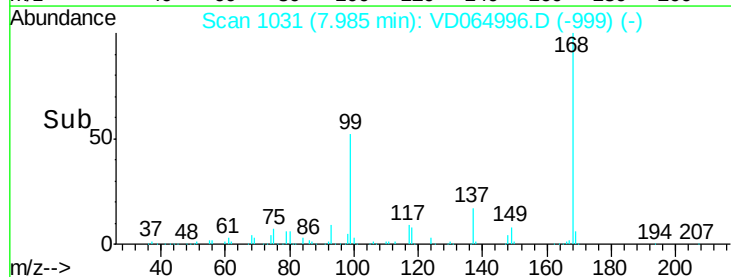
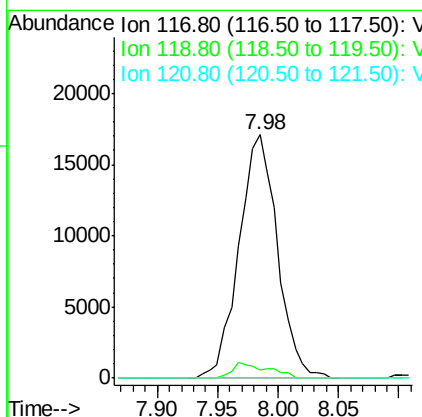
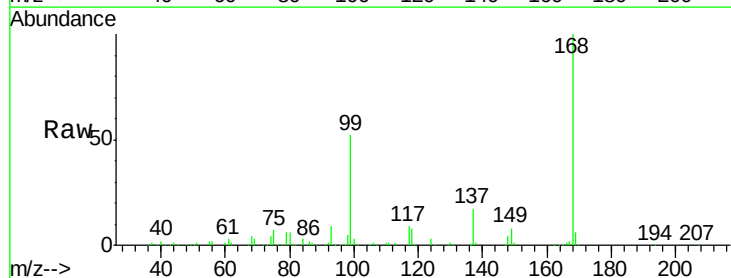
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-NORTH-SIDERE

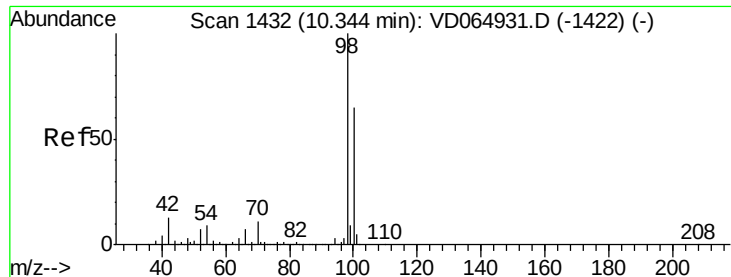
Tgt Ion: 75 Resp: 29748
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.3 52.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.81 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064996.D
 Acq: 29 Jan 2020 15:31

Tgt Ion: 117 Resp: 37770
 Ion Ratio Lower Upper
 117 100
 119 3.4 73.2 109.8#
 121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 46.53 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064996.D

Acq: 29 Jan 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

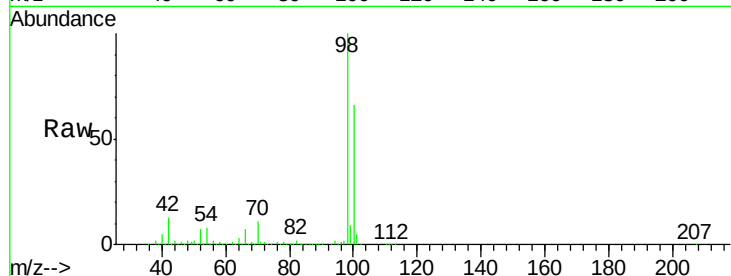
SP-NORTH-SIDERE

Tgt Ion: 98 Resp: 720135

Ion Ratio Lower Upper

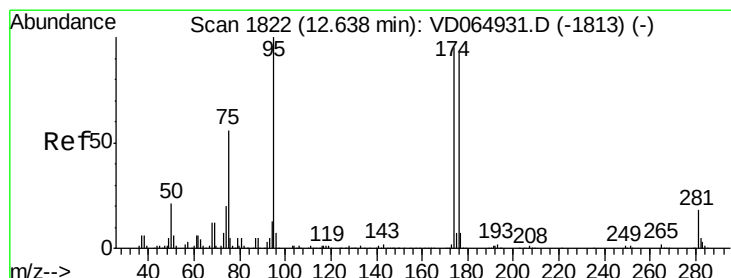
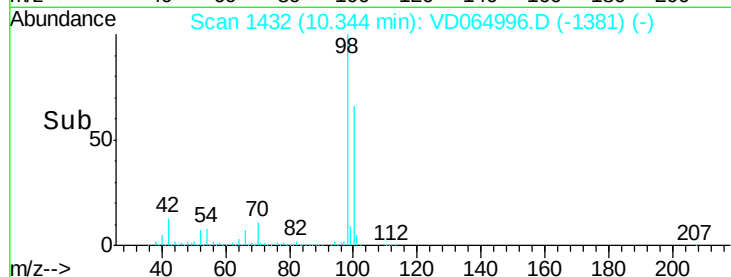
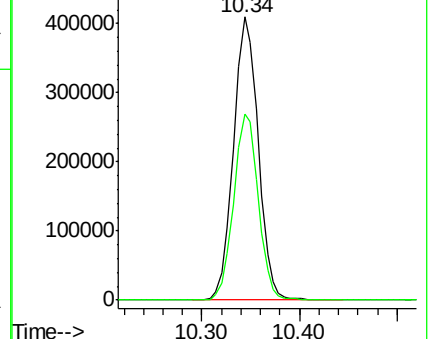
98 100

100 65.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 36.52 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064996.D

Acq: 29 Jan 2020 15:31

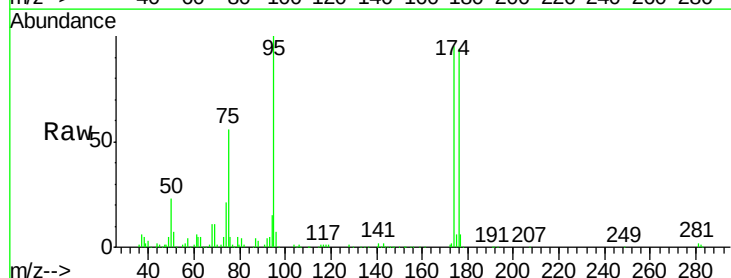
Tgt Ion: 95 Resp: 172957

Ion Ratio Lower Upper

95 100

174 93.9 0.0 186.8

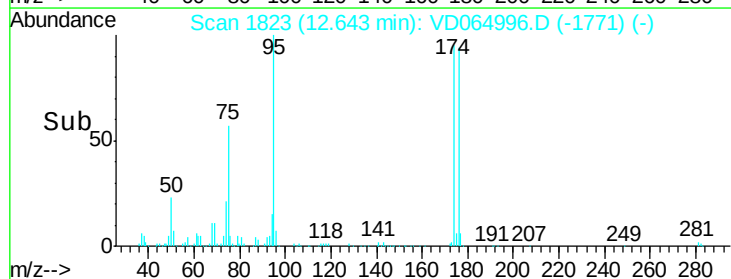
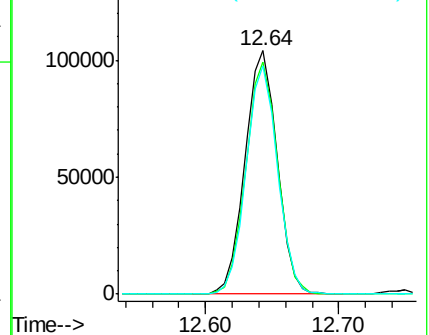
176 91.5 0.0 183.4

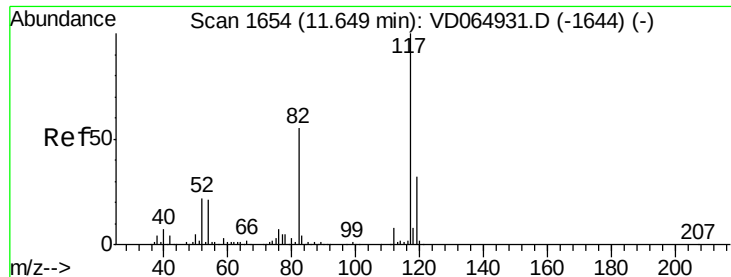


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

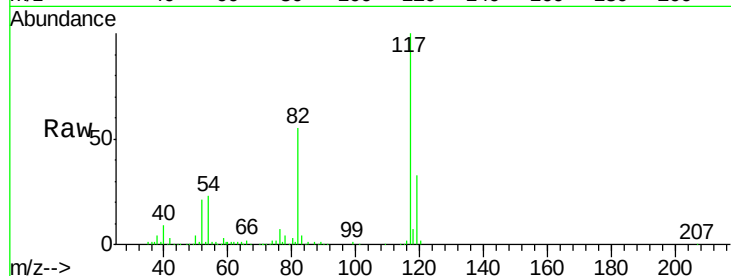




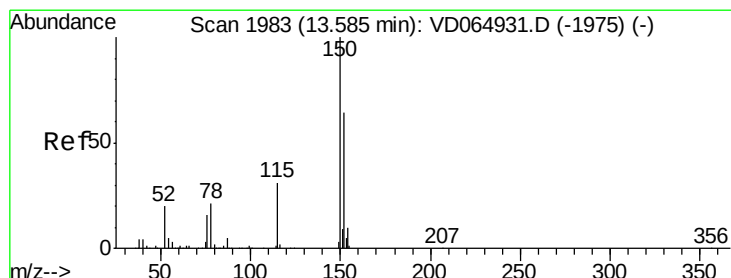
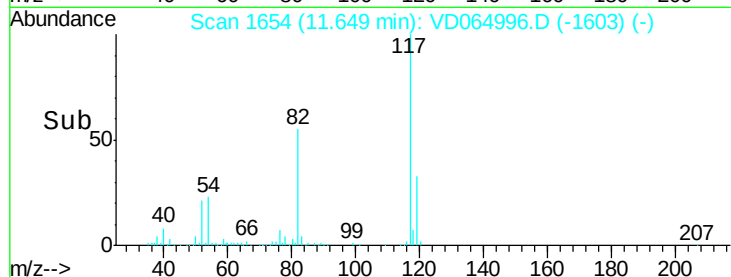
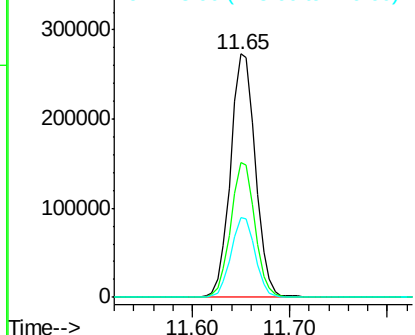
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064996.D
Acq: 29 Jan 2020 15:31

Instrument :
MSVOA_D
ClientSampleId :
SP-NORTH-SIDERE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.6	65.4
119	32.6	25.2	37.8

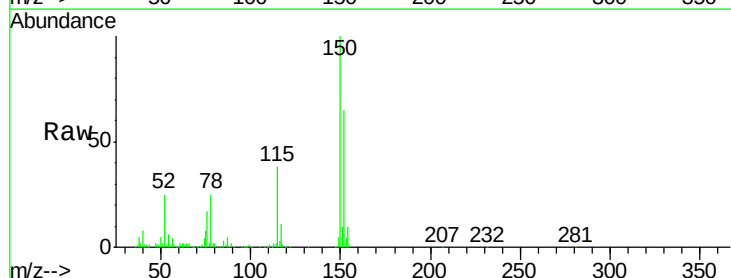


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

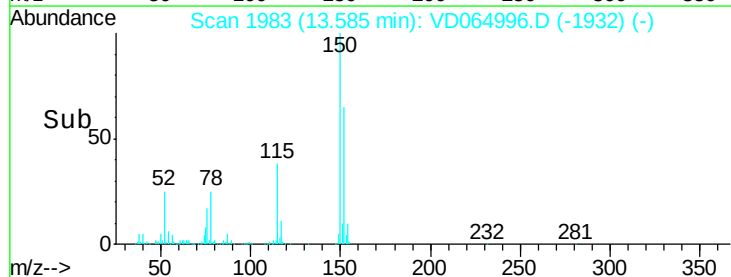
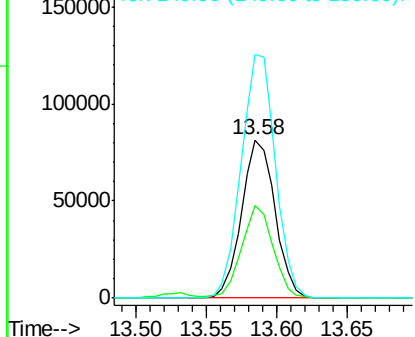


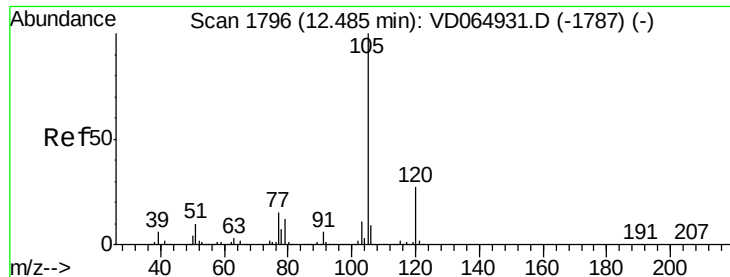
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064996.D
Acq: 29 Jan 2020 15:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.1	84.4
150	157.5	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





#73

Isopropylbenzene

Concen: 1.16 ug/l

RT: 12.50 min Scan# 1798

Delta R.T. 0.01 min

Lab File: VD064996.D

Acq: 29 Jan 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

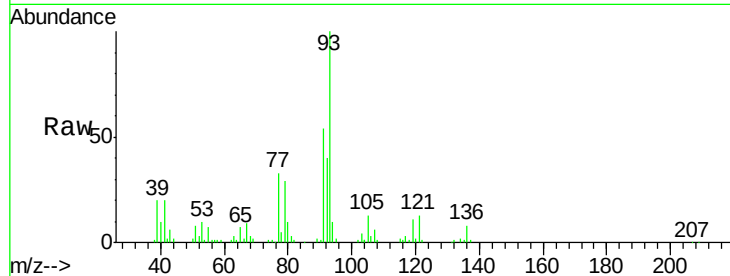
SP-NORTH-SIDERE

Tgt Ion: 105 Resp: 10734

Ion Ratio Lower Upper

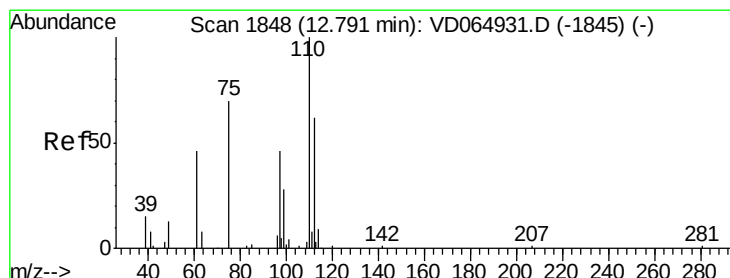
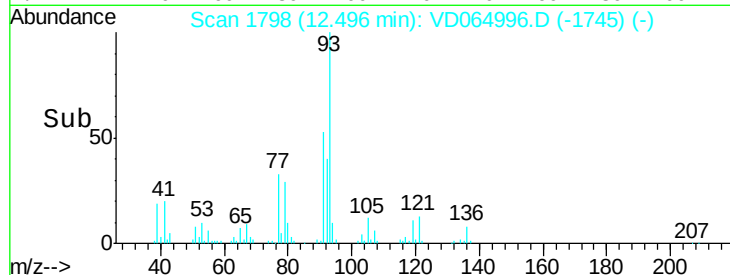
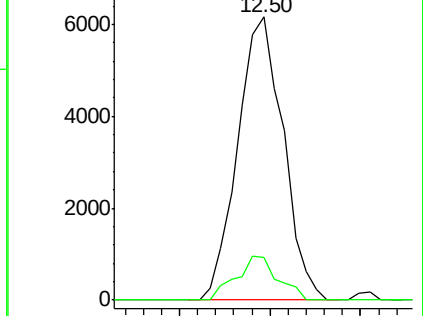
105 100

120 14.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 83.65 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD064996.D

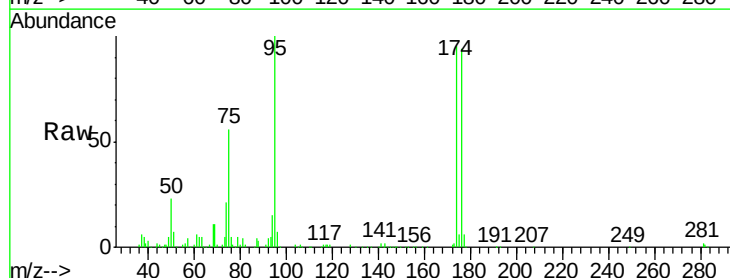
Acq: 29 Jan 2020 15:31

Tgt Ion: 75 Resp: 93725

Ion Ratio Lower Upper

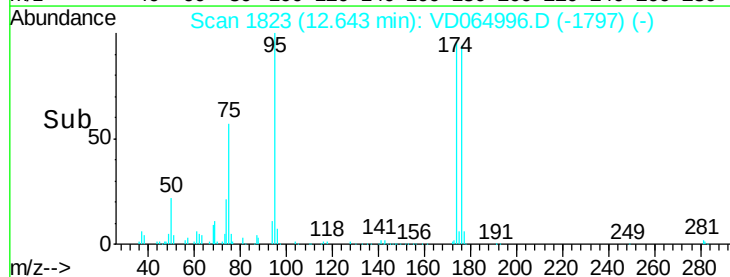
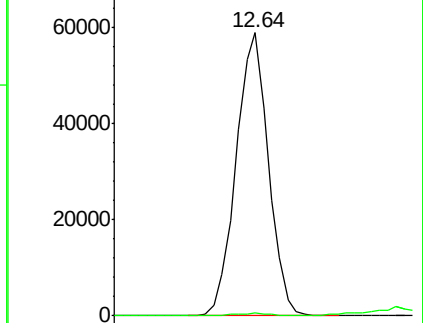
75 100

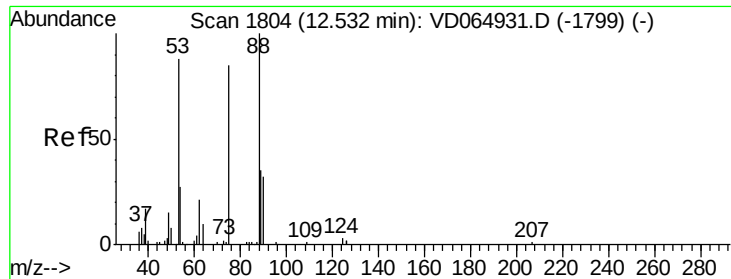
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

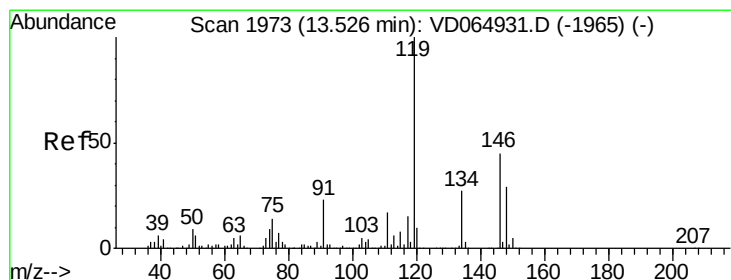
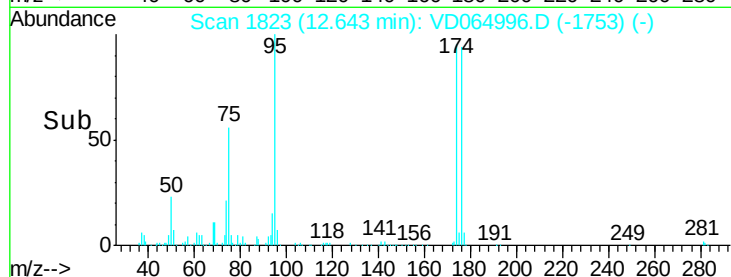
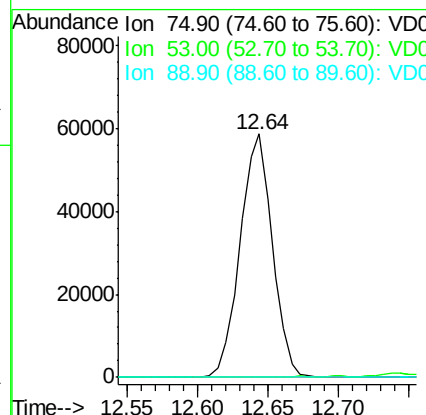
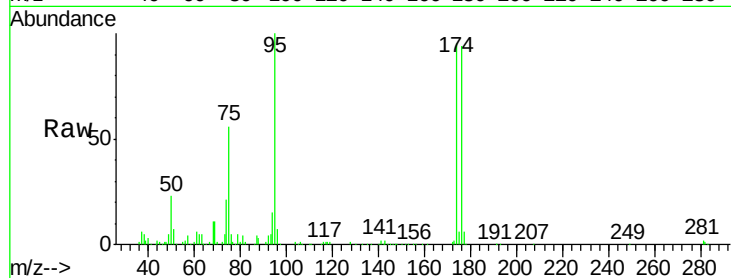




#81
trans-1,4-Dichloro-2-butene
Concen: 178.62 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.11 min
Lab File: VD064996.D
Acq: 29 Jan 2020 15:31

Instrument :
MSVOA_D
ClientSampleId :
SP-NORTH-SIDERE

Tgt Ion: 75 Resp: 93725
Ion Ratio Lower Upper
75 100
53 0.0 81.0 121.4#
89 0.1 36.2 54.4#



#86
p-Isopropyltoluene
Concen: 5.60 ug/l
RT: 13.53 min Scan# 1974
Delta R.T. 0.01 min
Lab File: VD064996.D
Acq: 29 Jan 2020 15:31

Tgt Ion: 119 Resp: 47618
Ion Ratio Lower Upper
119 100
134 27.1 13.3 39.9
91 26.7 11.4 34.2

