

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064285.D
 Acq On : 19 Nov 2019 13:01
 Operator : VA/SY
 Sample : K5905-01RE
 Misc : 10.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:26:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	305176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	452331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	408248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	209005	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	170055	67.75	ug/l	0.00
Spiked Amount			Recovery	=	135.50%	
35) Dibromofluoromethane	7.92	113	144435	55.63	ug/l	0.00
Spiked Amount			Recovery	=	111.26%	
50) Toluene-d8	10.34	98	528946	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
62) 4-Bromofluorobenzene	12.64	95	180946	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	

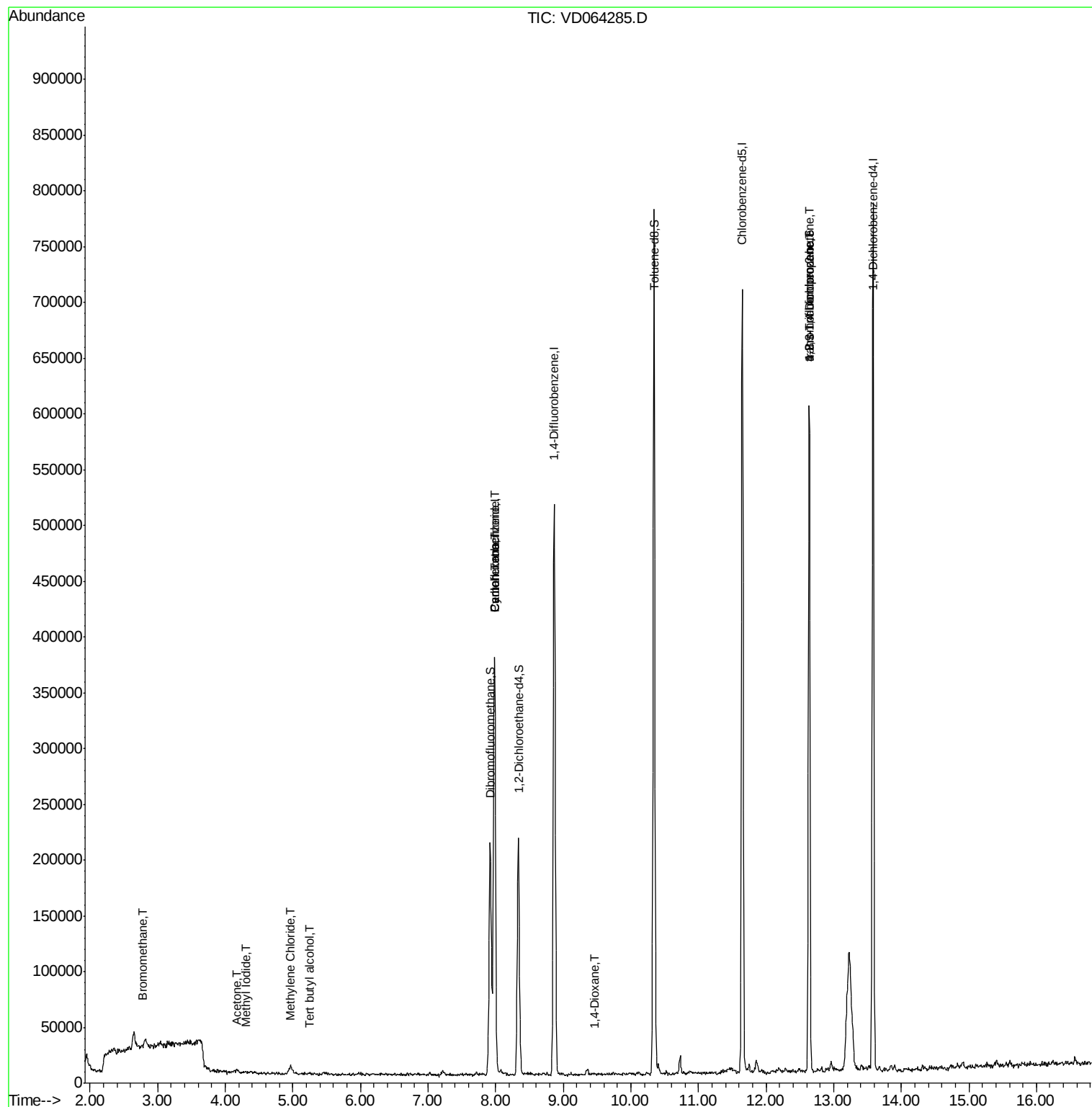
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	1886	1.029	ug/l #	33
10) Methyl Iodide	4.30	142	540	2.200	ug/l #	74
11) Tert butyl alcohol	5.24	59	478	2.727	ug/l #	82
16) Acetone	4.16	43	4720	7.938	ug/l	92
20) Methylene Chloride	4.96	84	4921	1.638	ug/l #	83
31) Cyclohexane	7.98	56	7122	1.446	ug/l #	27
38) Carbon Tetrachloride	7.98	117	27909	6.248	ug/l #	14
49) 1,4-Dioxane	9.46	88	59	3.304	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	93486	55.532	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	93486	110.308	ug/l #	10

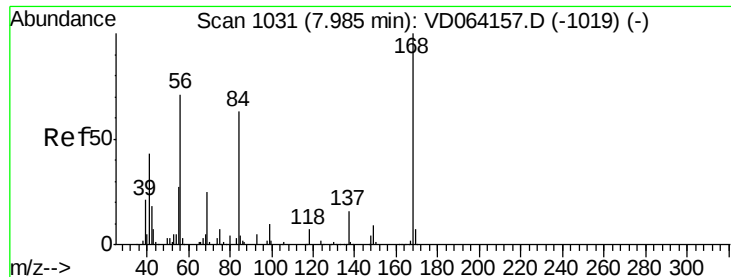
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111919\
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MSVOA_D
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Quant Time: Nov 20 03:26:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
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: VD064285.D

Acq: 19 Nov 2019 13:01

Instrument :

MSVOA_D

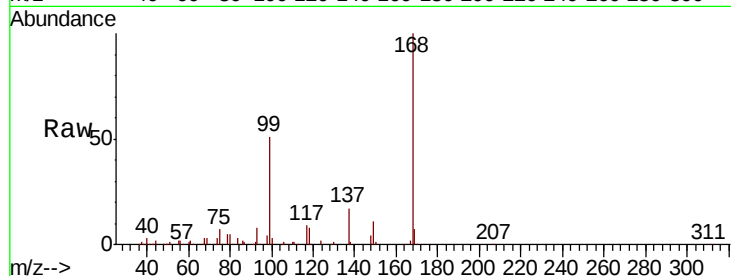
ClientSampleId :

Tot Ion:168 Resp: 305176

Ion Ratio Lower Upper

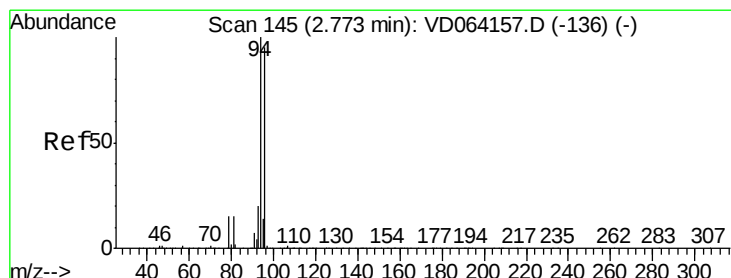
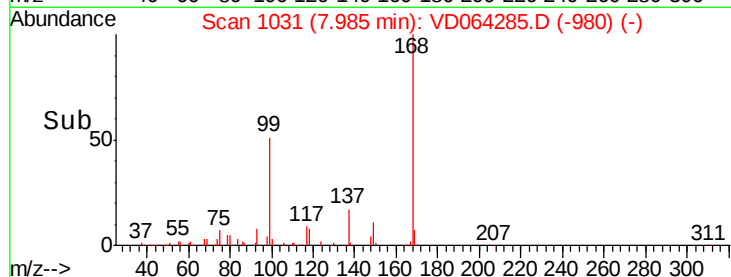
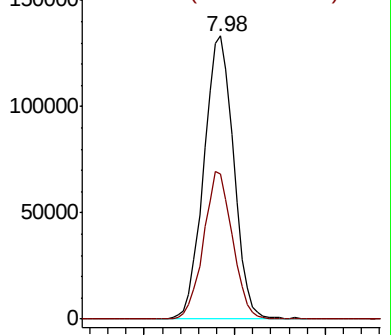
168 100

99 51.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: 1.029 ug/l

RT: 2.78 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD064285.D

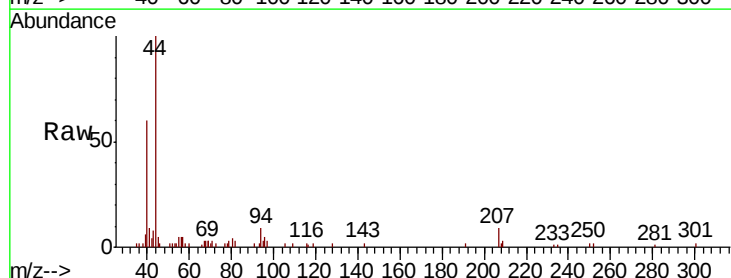
Acq: 19 Nov 2019 13:01

Tgt Ion: 94 Resp: 1886

Ion Ratio Lower Upper

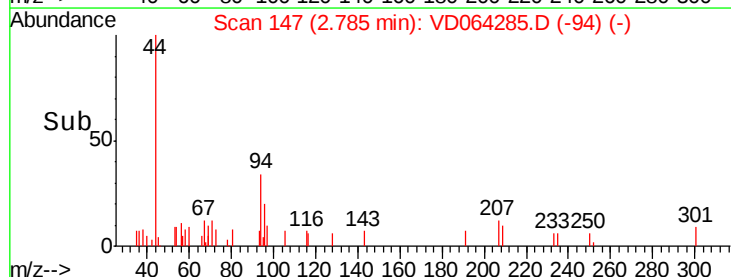
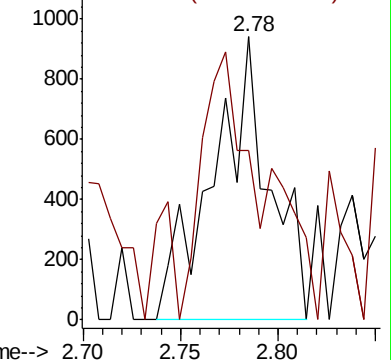
94 100

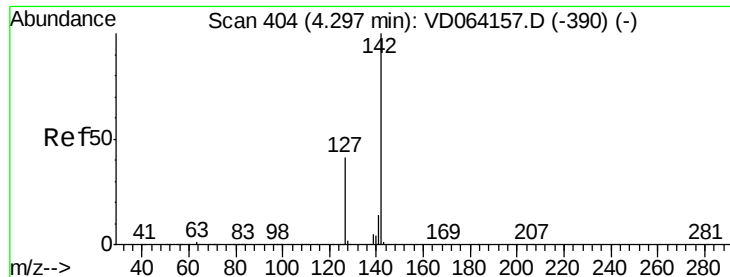
96 30.5 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

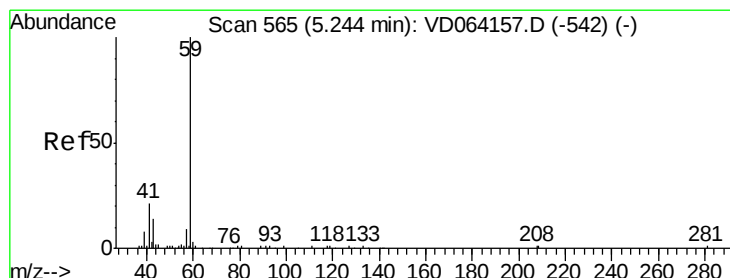
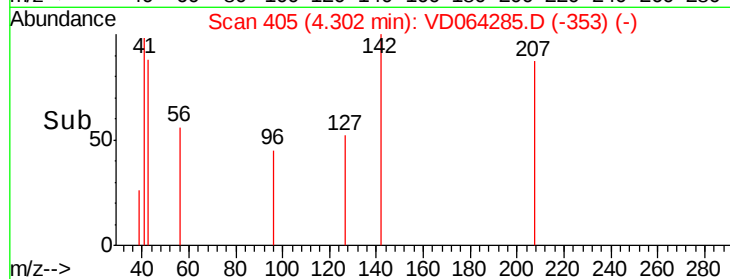
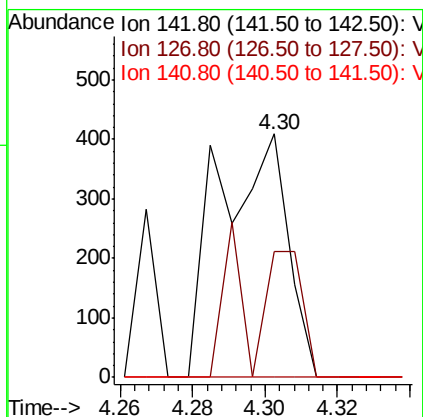
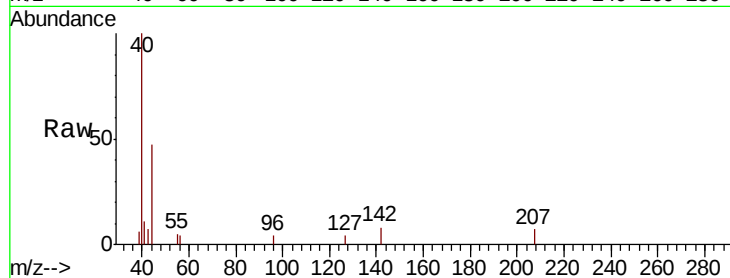




#10
Methyl Iodide
Concen: 2.200 ug/l
RT: 4.30 min Scan# 405
Delta R.T. 0.01 min
Lab File: VD064285.D
Acq: 19 Nov 2019 13:01

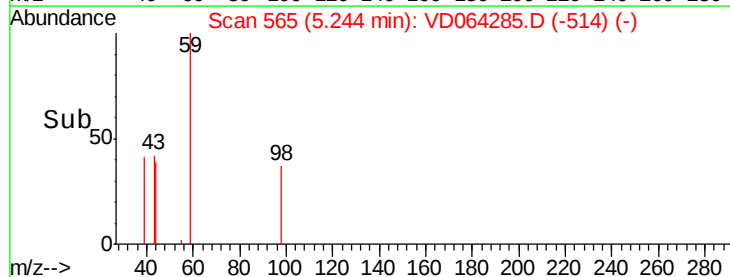
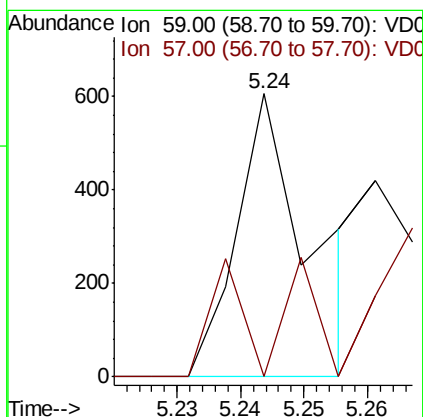
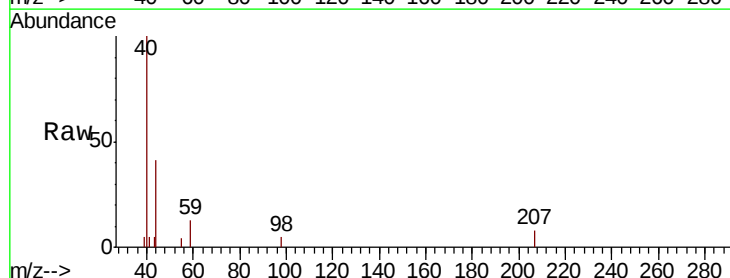
Instrument :
MSVOA_D
ClientSampleID :

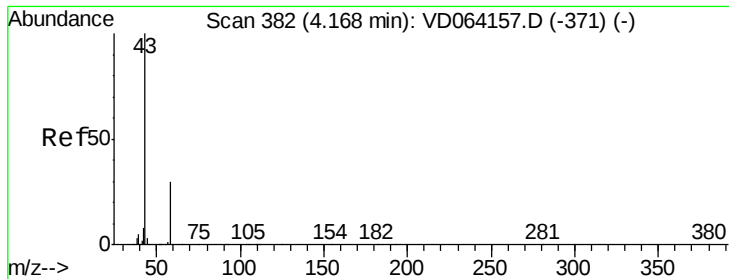
Tot Ion:142 Resp: 540
Ion Ratio Lower Upper
142 100
127 27.8 34.4 51.6#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 2.727 ug/l
RT: 5.24 min Scan# 565
Delta R.T. 0.00 min
Lab File: VD064285.D
Acq: 19 Nov 2019 13:01

Tgt Ion: 59 Resp: 478
Ion Ratio Lower Upper
59 100
57 18.8 9.4 14.2#

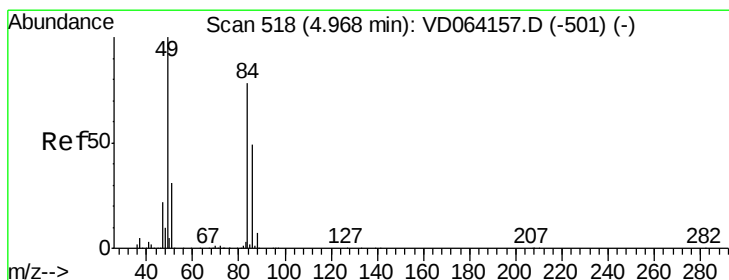
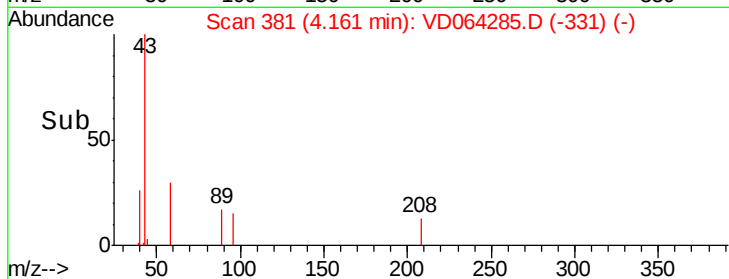
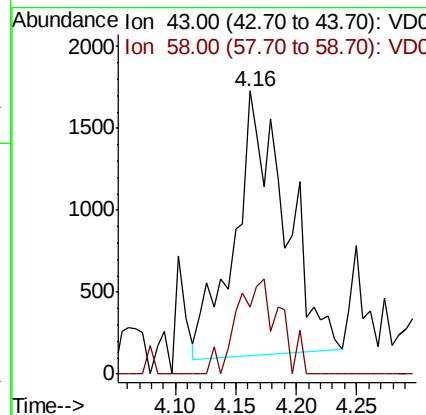
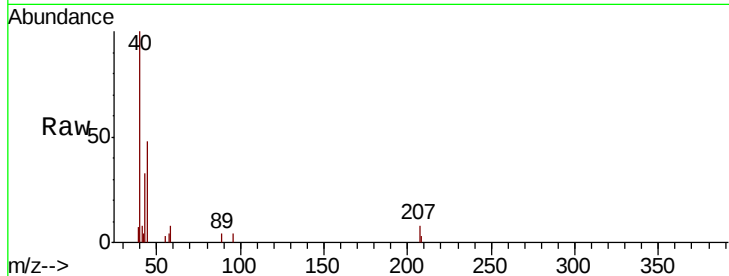




#16
Acetone
Concen: 7.938 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD064285.D
Acq: 19 Nov 2019 13:01

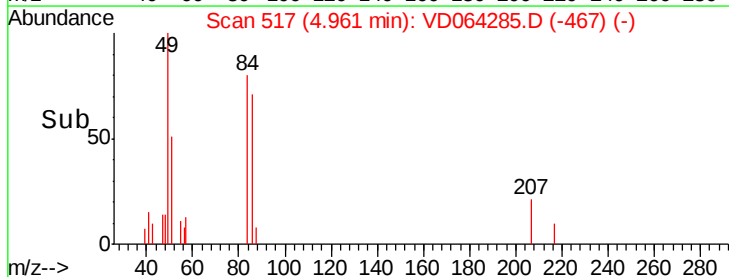
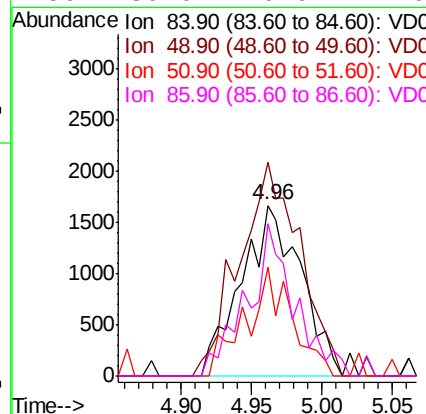
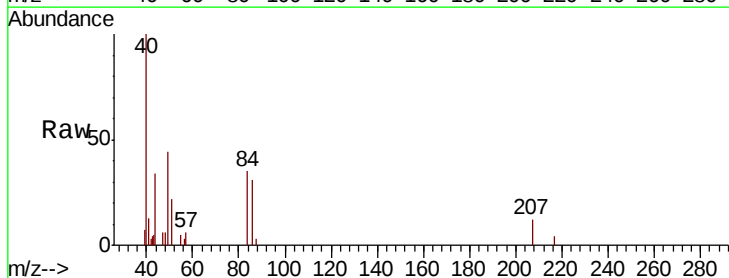
Instrument :
MSVOA_D
ClientSampleId :

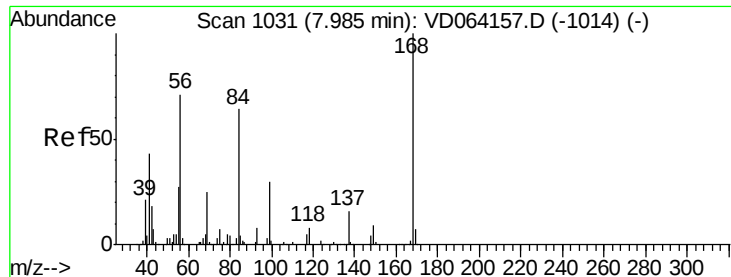
Tot Ion: 43 Resp: 4720
Ion Ratio Lower Upper
43 100
58 25.9 24.1 36.1



#20
Methylene Chloride
Concen: 1.638 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064285.D
Acq: 19 Nov 2019 13:01

Tgt Ion: 84 Resp: 4921
Ion Ratio Lower Upper
84 100
49 125.0 102.1 153.1
51 63.8 32.2 48.2#
86 89.0 49.9 74.9#

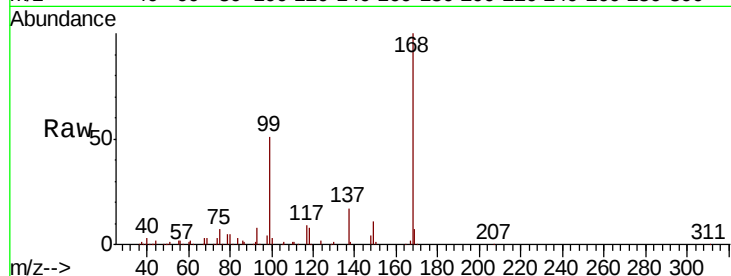




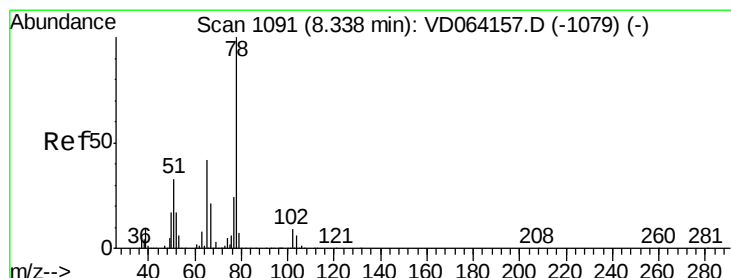
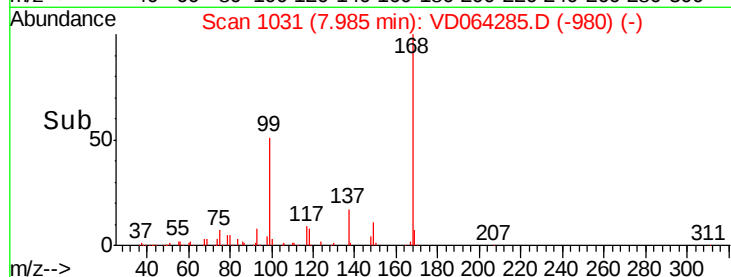
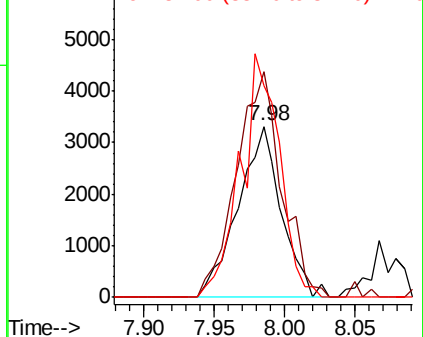
#31
Cyclohexane
Concen: 1.446 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064285.D
Acq: 19 Nov 2019 13:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 7122
Ion Ratio Lower Upper
56 100
69 131.9 28.2 42.4#
84 124.1 71.8 107.6#

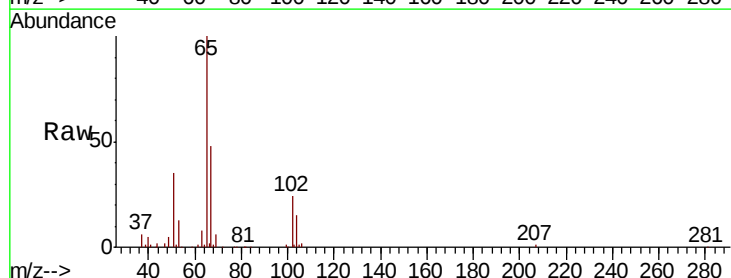


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

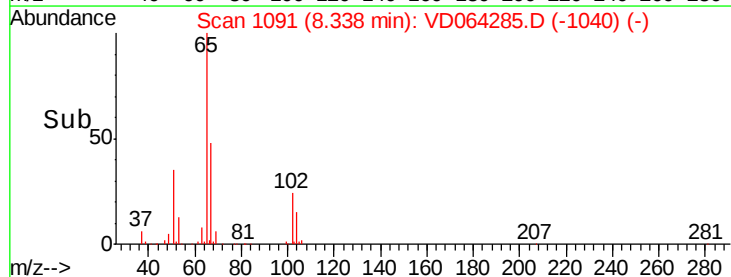
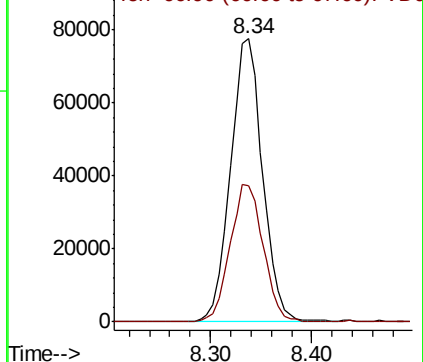


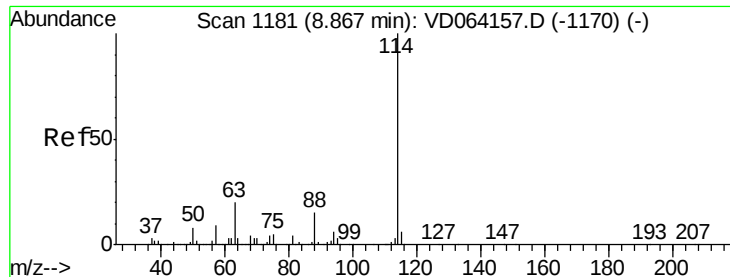
#33
1,2-Dichloroethane-d4
Concen: 67.754 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064285.D
Acq: 19 Nov 2019 13:01

Tgt Ion: 65 Resp: 170055
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4



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

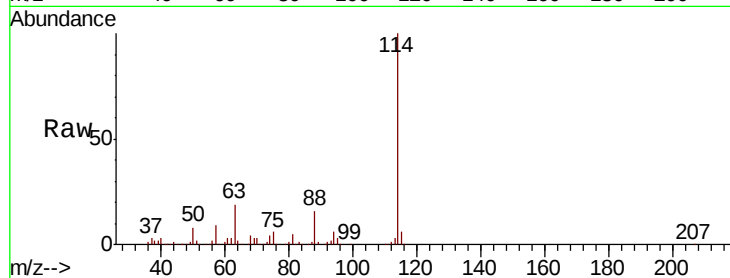




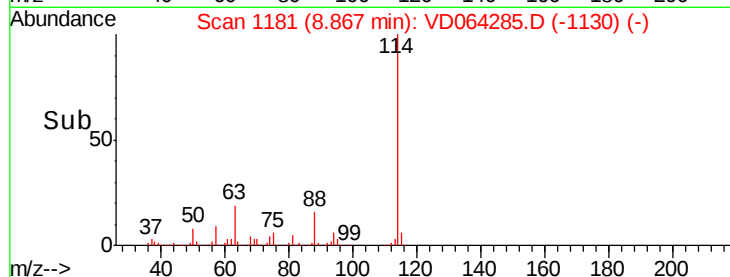
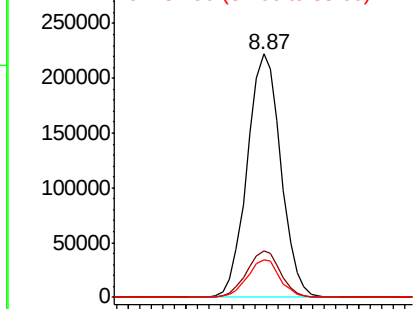
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064285.D
 Acq: 19 Nov 2019 13:01

Instrument :
 MSVOA_D
 ClientSampleId :

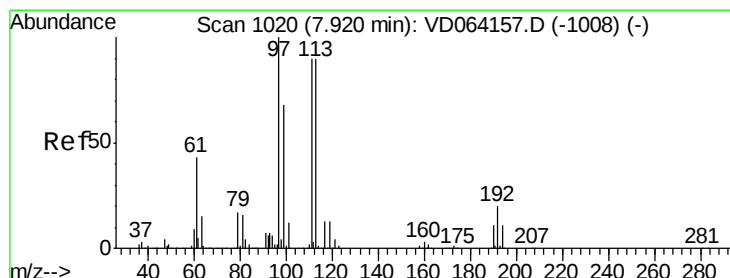
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	40.0
88	15.6	0.0	30.2



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

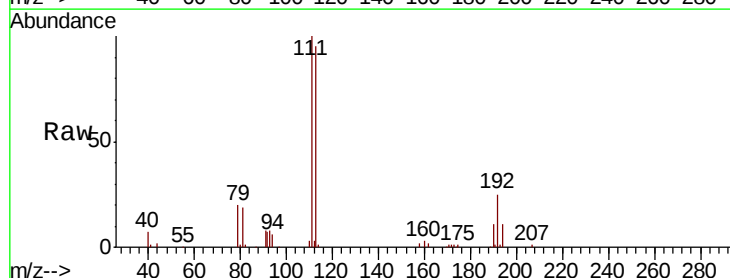


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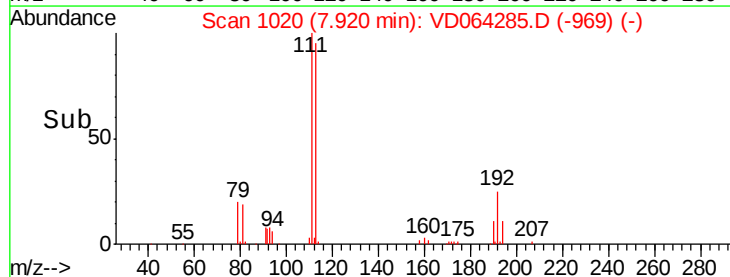
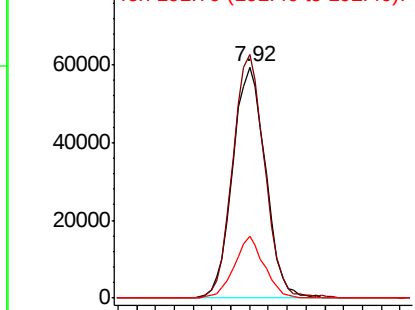


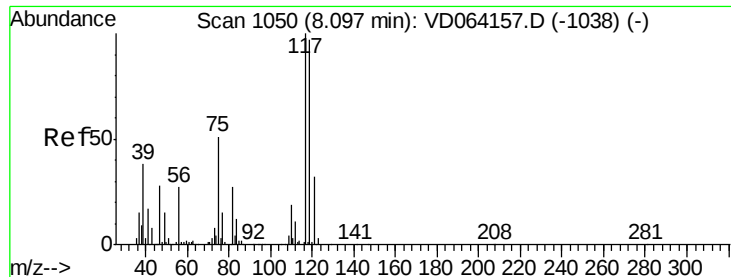
#35
 Dibromofluoromethane
 Concen: 55.628 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064285.D
 Acq: 19 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	24.1	18.8	28.2



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





#38

Carbon Tetrachloride

Concen: 6.248 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064285.D

Acq: 19 Nov 2019 13:01

Instrument :
MSVOA_D
ClientSampleId :

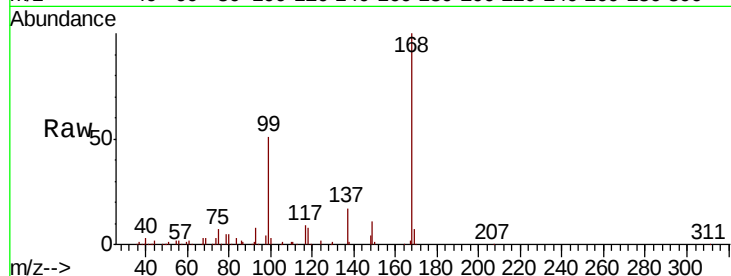
Tot Ion:117 Resp: 27909

Ion Ratio Lower Upper

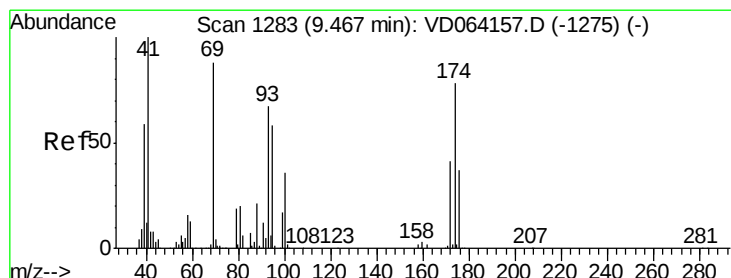
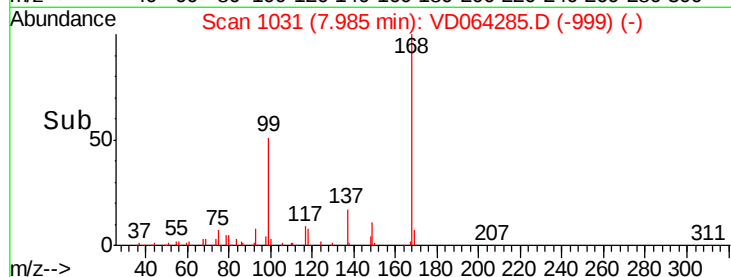
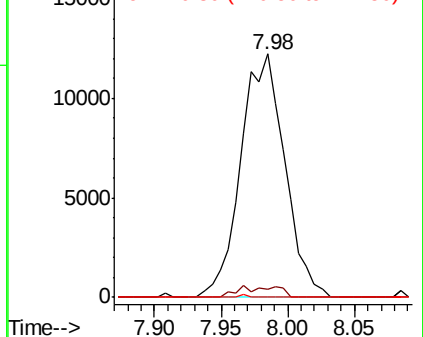
117 100

119 3.1 77.2 115.8#

121 0.0 25.5 38.3#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 3.304 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD064285.D

Acq: 19 Nov 2019 13:01

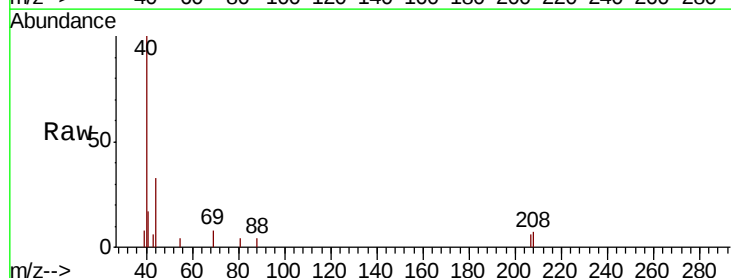
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

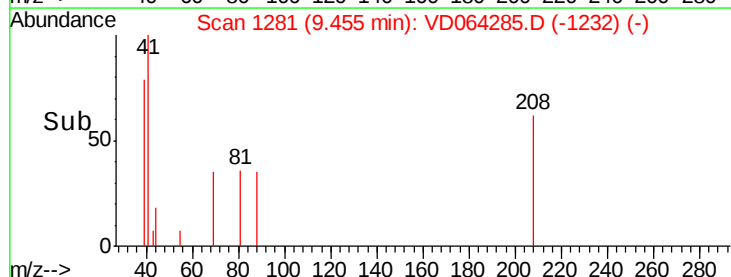
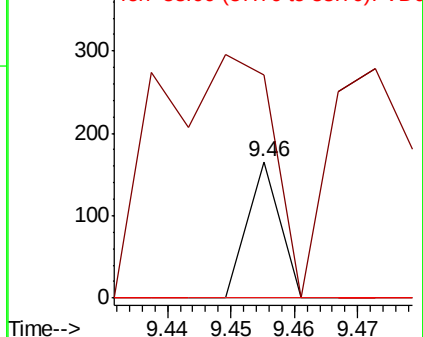
88 100

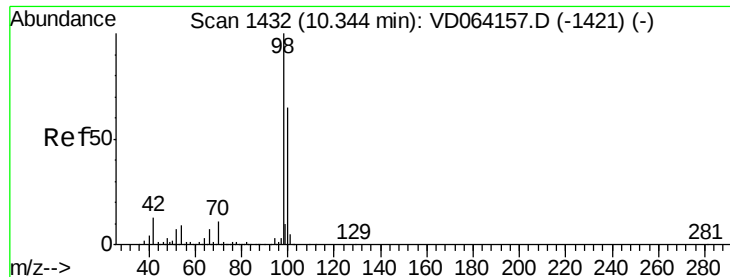
43 627.1 29.8 44.8#

58 0.0 58.1 87.1#



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

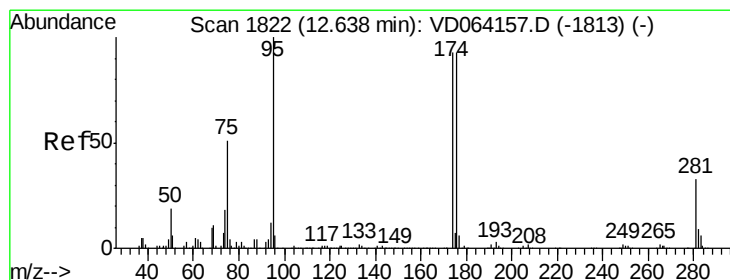
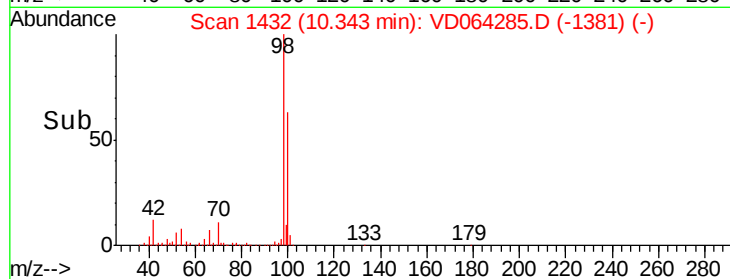
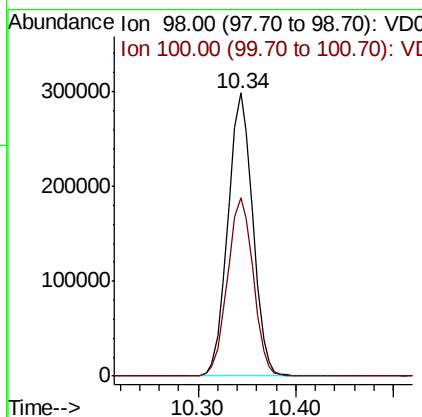
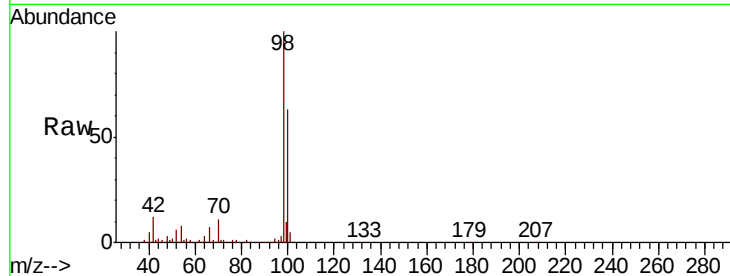




#50
Toluene-d8
Concen: 54.002 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064285.D
Acq: 19 Nov 2019 13:01

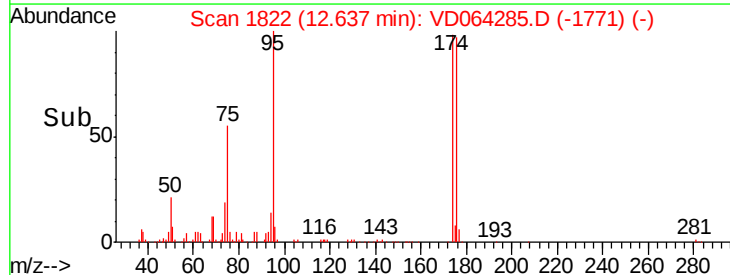
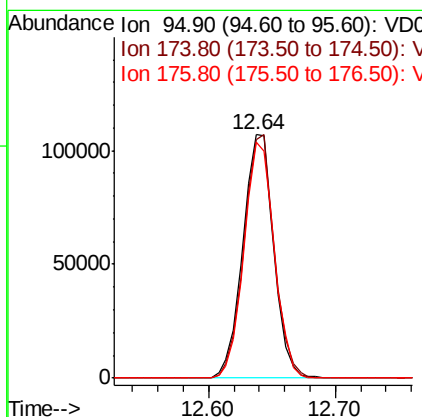
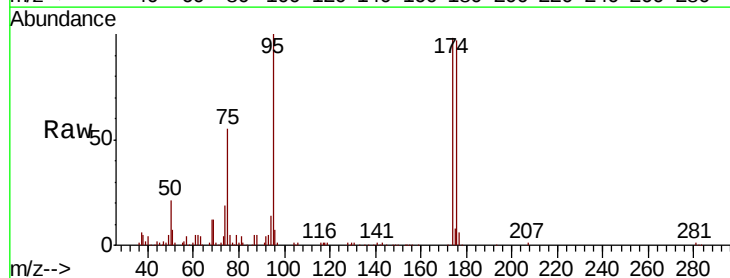
Instrument :
MSVOA_D
ClientSampleId :

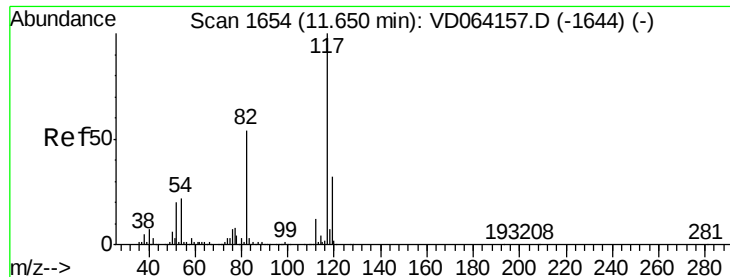
Tot Ion: 98 Resp: 528946
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.344 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064285.D
Acq: 19 Nov 2019 13:01

Tgt Ion: 95 Resp: 180946
Ion Ratio Lower Upper
95 100
174 98.8 0.0 183.6
176 95.1 0.0 180.2

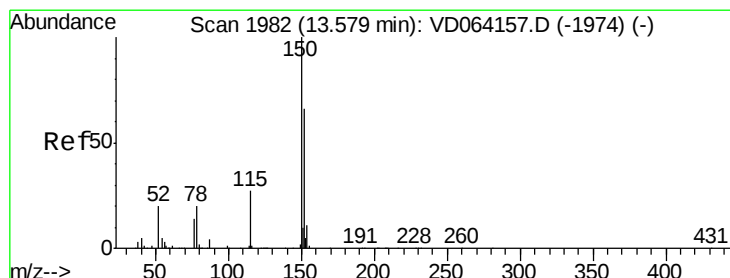
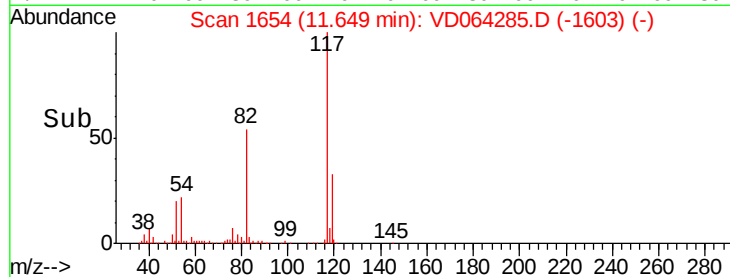
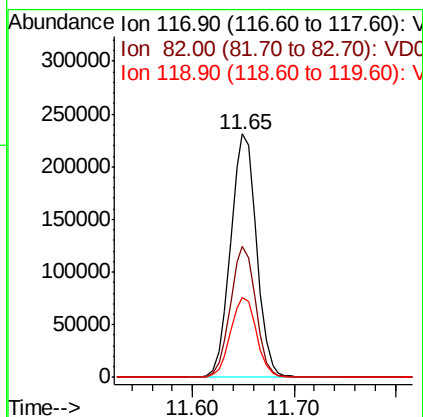
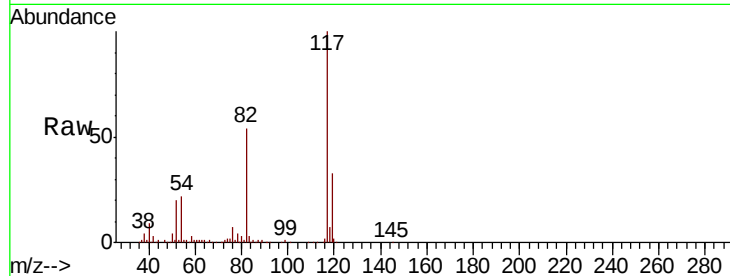




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064285.D
Acq: 19 Nov 2019 13:01

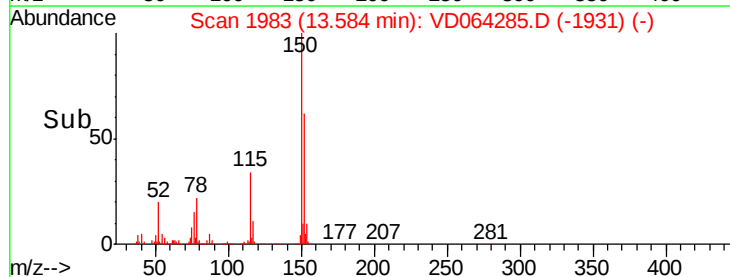
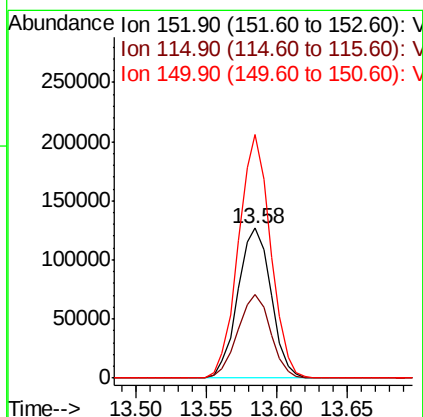
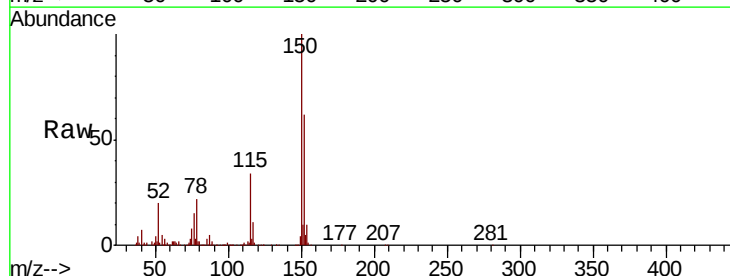
Instrument :
MSVOA_D
ClientSampleId :

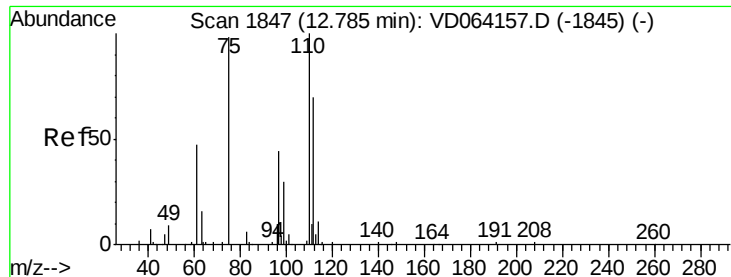
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.8	64.2
119	32.7	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064285.D
Acq: 19 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.4	82.2
150	156.7	0.0	351.6





#76

1,2,3-Trichloropropane

Concen: 55.532 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064285.D

Acq: 19 Nov 2019 13:01

Instrument :

MSVOA_D

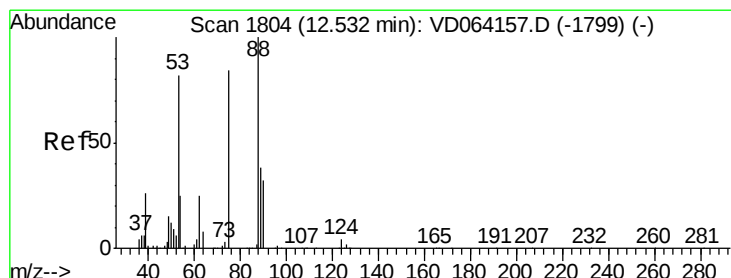
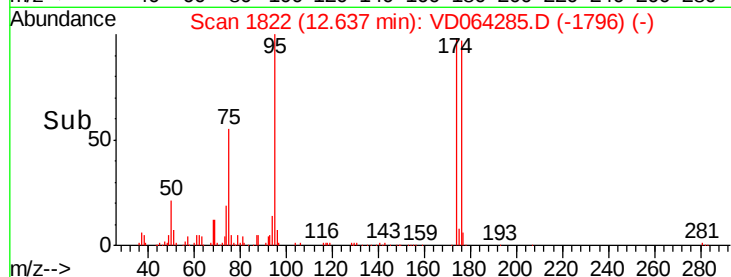
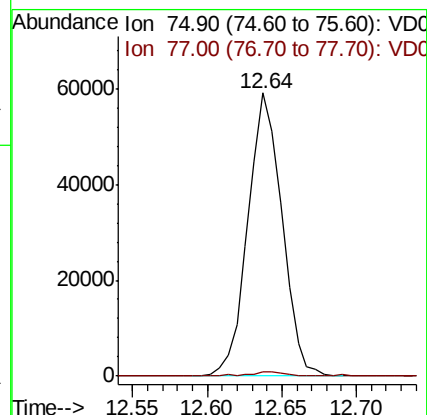
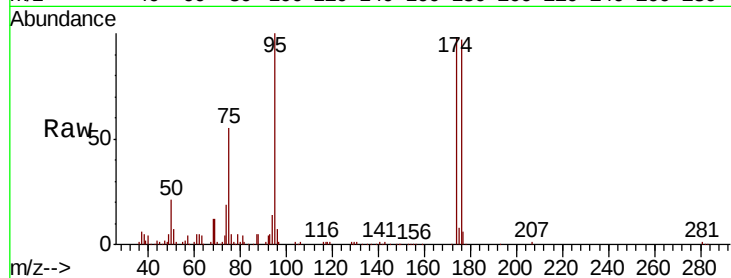
ClientSampleId :

Tot Ion: 75 Resp: 93486

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.308 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064285.D

Acq: 19 Nov 2019 13:01

Tgt Ion: 75 Resp: 93486

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.1 36.6 55.0#

