

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066019.D
 Acq On : 23 Jul 2020 12:51
 Operator : VA/SY
 Sample : L3360-03RE
 Misc : 6.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2RE

Quant Time: Jul 24 03:03:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

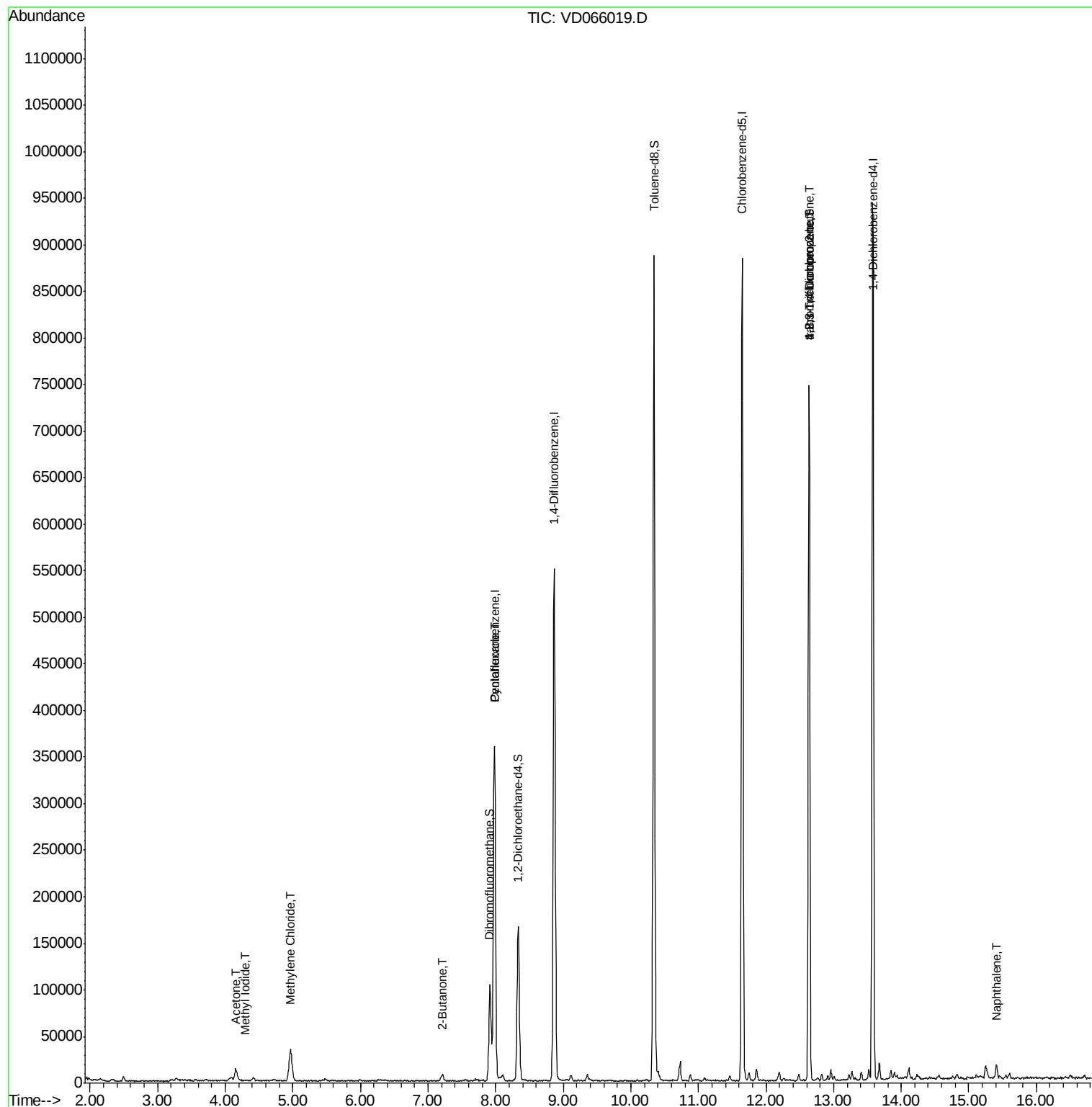
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	289807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	494580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	518247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	269732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	135547	57.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.96%	
35) Dibromofluoromethane	7.92	113	72148	24.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.10%	
50) Toluene-d8	10.34	98	606651	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
62) 4-Bromofluorobenzene	12.64	95	236378	61.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.00%	
Target Compounds						
5) Bromomethane	2.77	94	247	Below Cal		82
10) Methyl Iodide	4.30	142	877	9.097 ug/l #		69
16) Acetone	4.16	43	22594	47.335 ug/l		97
20) Methylene Chloride	4.96	84	26152	7.381 ug/l		94
25) 2-Butanone	7.22	43	4242	6.698 ug/l #		89
31) Cyclohexane	7.98	56	6622	1.561 ug/l #		18
76) 1,2,3-Trichloropropane	12.64	75	116646	57.434 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.64	75	116646	131.792 ug/l #		11
95) Naphthalene	15.41	128	14277	5.096 ug/l		96

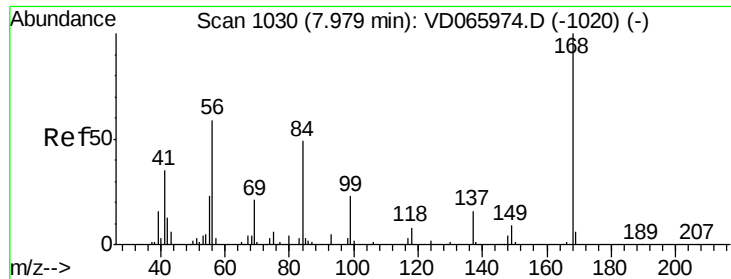
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072320\
Data File : VD066019.D
Acq On : 23 Jul 2020 12:51
Operator : VA/SY
Sample : L3360-03RE
Misc : 6.09G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

Quant Time: Jul 24 03:03:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066019.D

Acq: 23 Jul 2020 12:51

Instrument :

MSVOA_D

ClientSampleID :

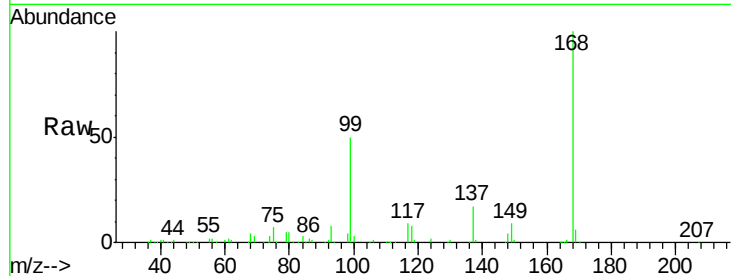
SP-2RE

Tot Ion:168 Resp: 289807

Ion Ratio Lower Upper

168 100

99 49.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

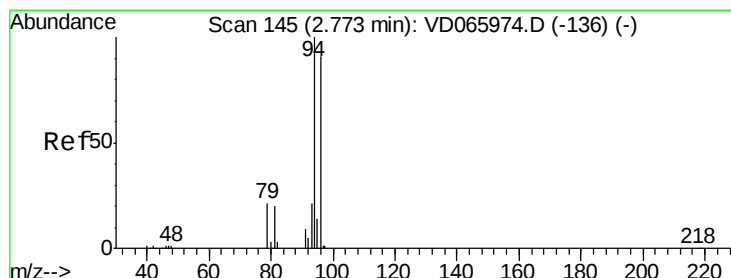
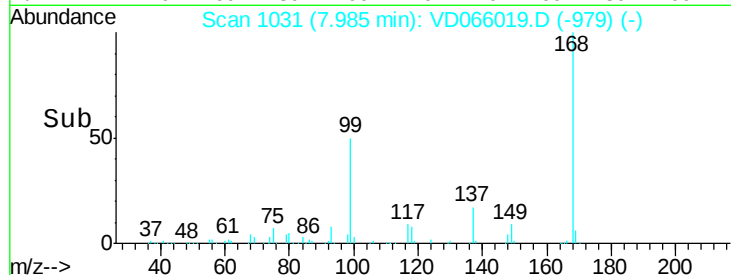
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066019.D

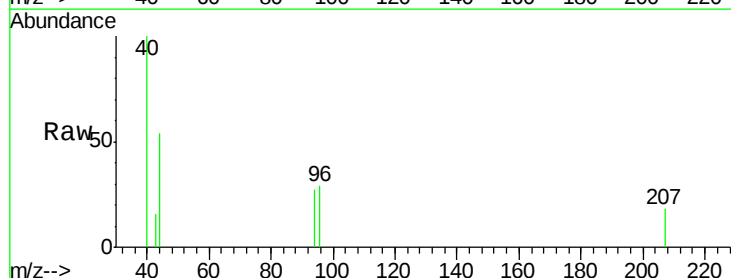
Acq: 23 Jul 2020 12:51

Tgt Ion: 94 Resp: 247

Ion Ratio Lower Upper

94 100

96 108.1 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

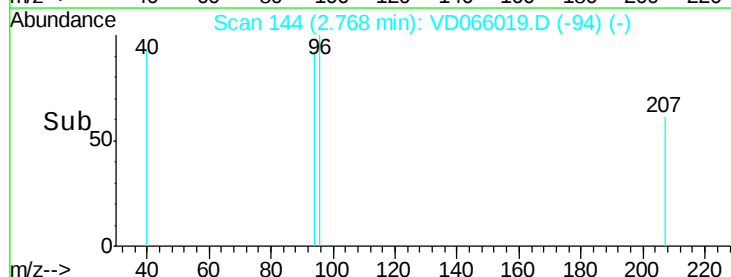
300

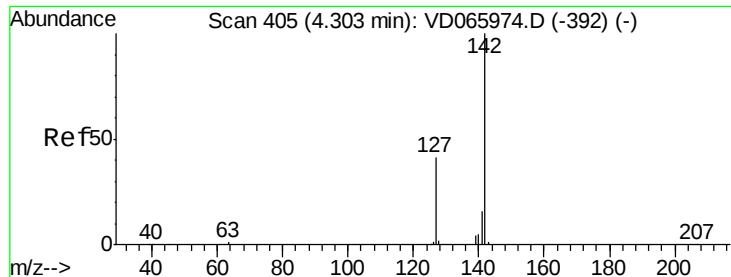
200

100

0

Time-->

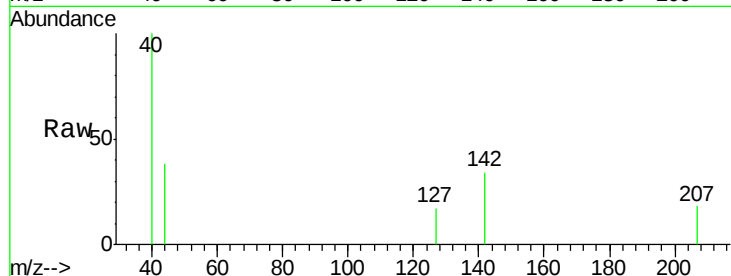




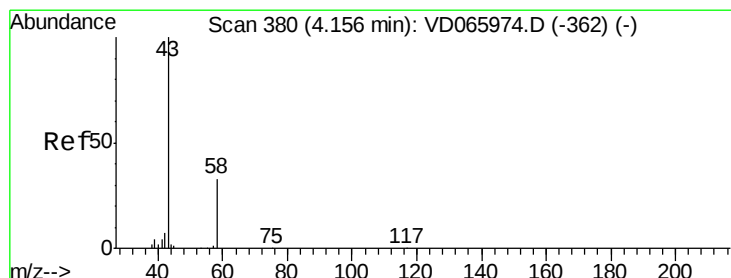
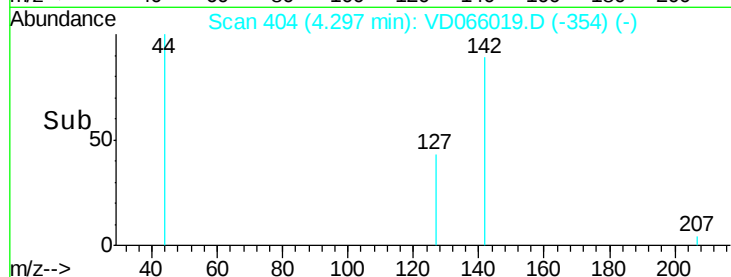
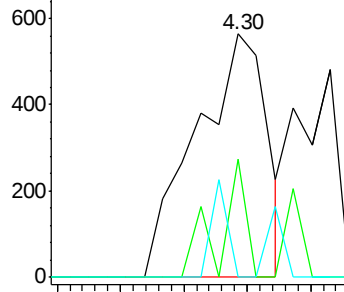
#10
Methvl Iodide
Concen: 9.097 ug/l
RT: 4.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

Tot Ion:142 Resp: 877
Ion Ratio Lower Upper
142 100
127 17.7 32.9 49.3#
141 9.1 11.8 17.6#

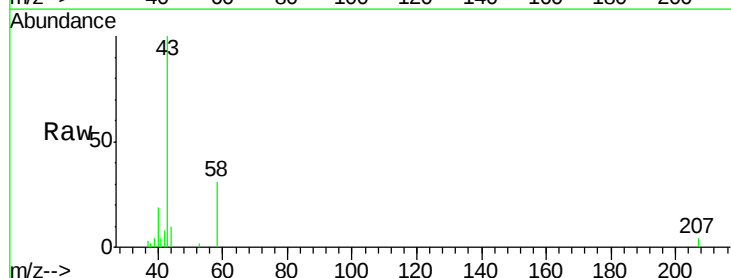


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

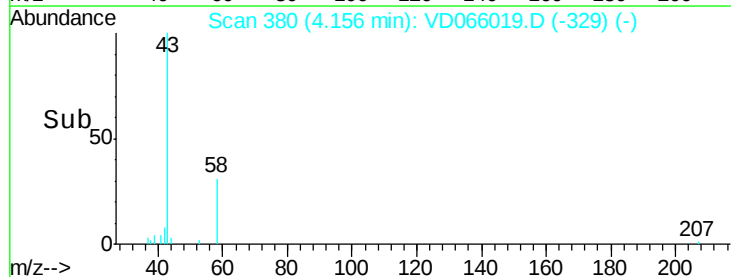
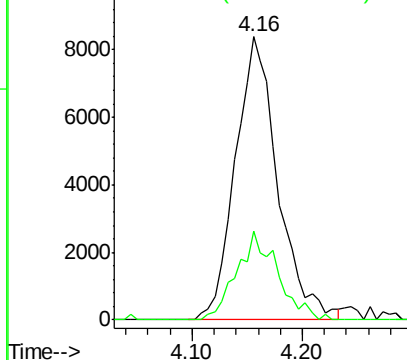


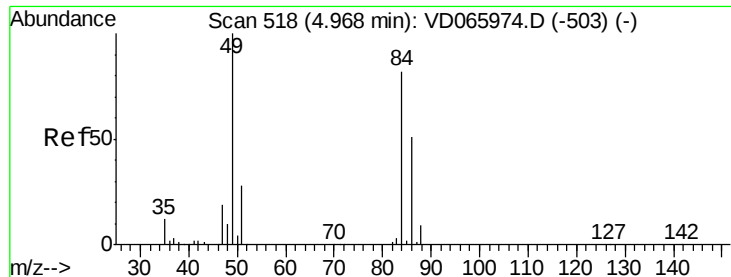
#16
Acetone
Concen: 47.335 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

Tgt Ion: 43 Resp: 22594
Ion Ratio Lower Upper
43 100
58 31.3 26.3 39.5



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

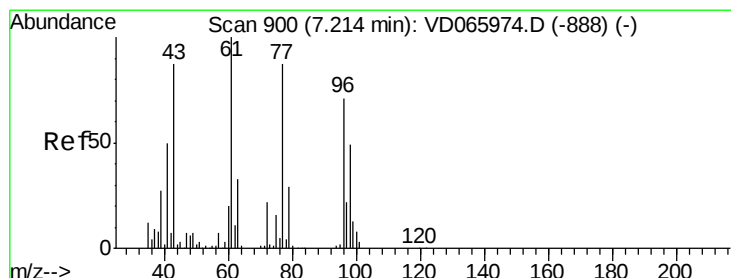
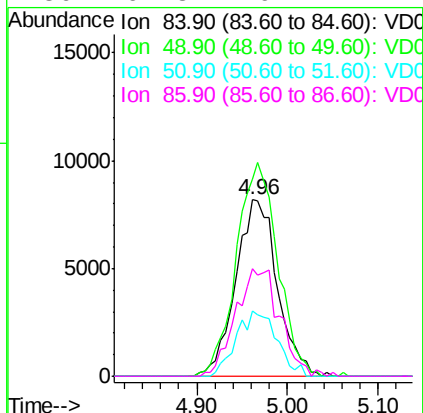
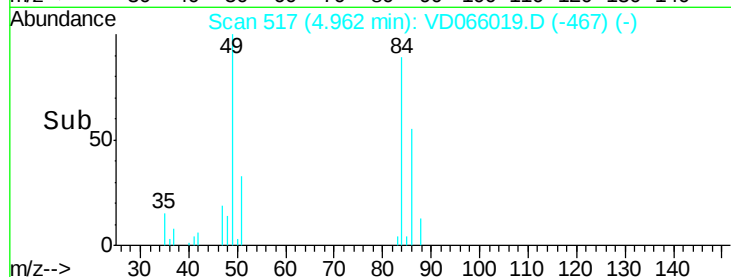
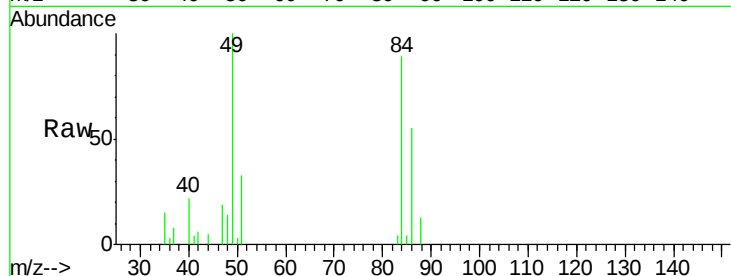




#20
Methvlene Chloride
Concen: 7.381 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

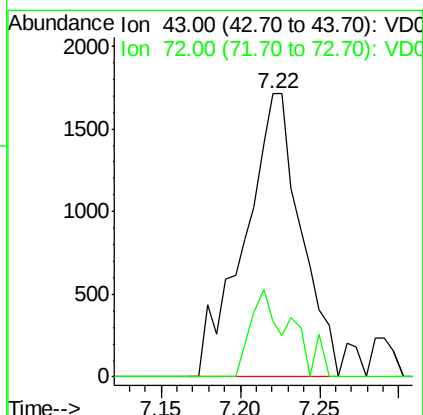
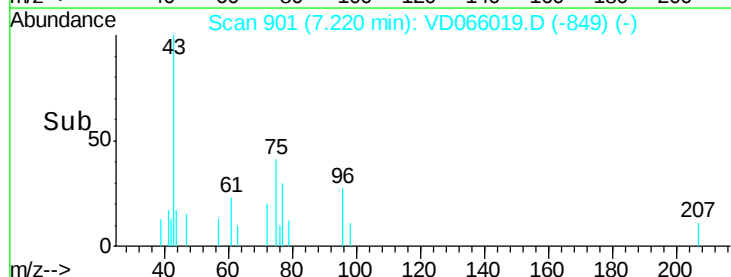
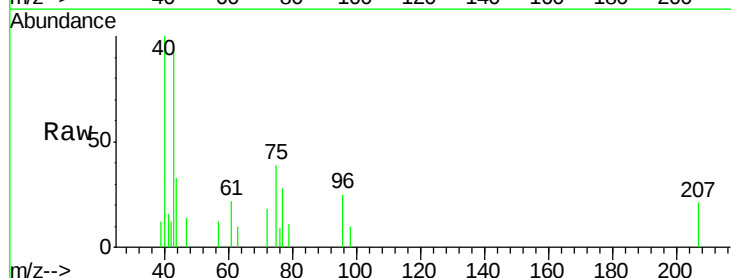
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

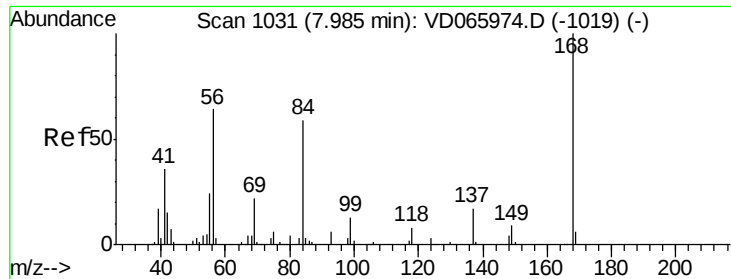
Tot Ion:	84	Resp:	26152
Ion	Ratio	Lower	Upper
84	100		
49	111.9	97.7	146.5
51	36.8	27.4	41.2
86	61.3	49.4	74.2



#25
2-Butanone
Concen: 6.698 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

Tgt Ion:	43	Resp:	4242
Ion	Ratio	Lower	Upper
43	100		
72	19.6	20.2	30.2#

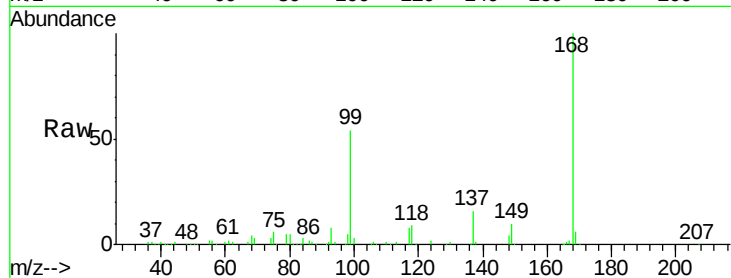




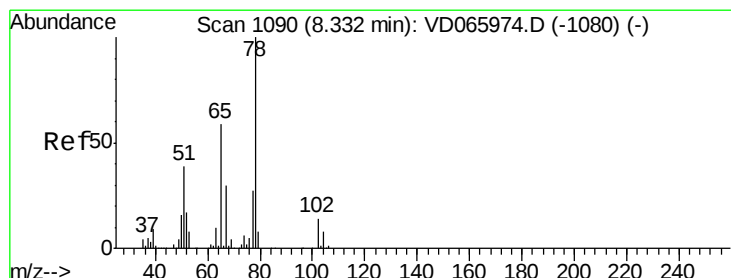
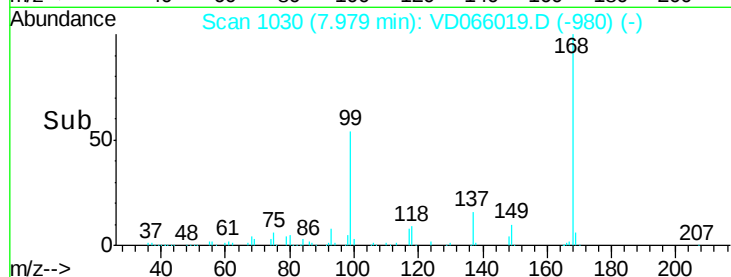
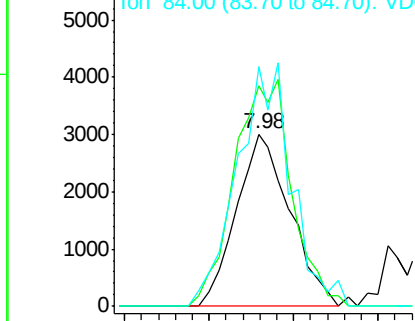
#31
Cyclohexane
Concen: 1.561 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

Tot Ion: 56 Resp: 6622
Ion Ratio Lower Upper
56 100
69 128.6 28.0 42.0#
84 139.2 72.6 109.0#

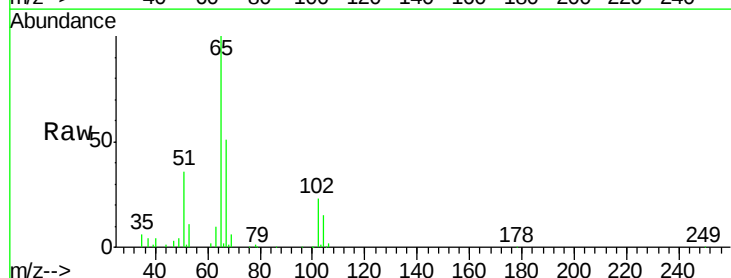


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

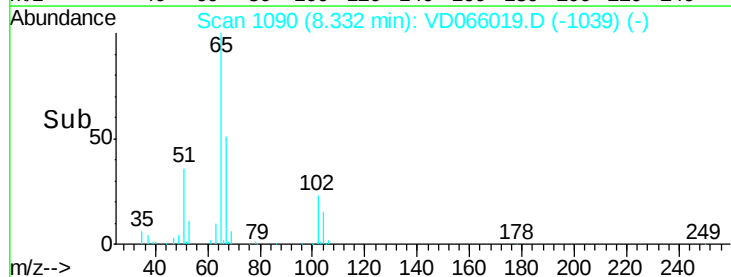
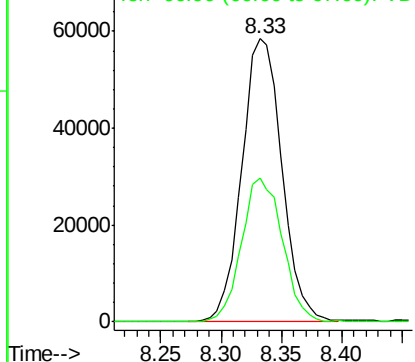


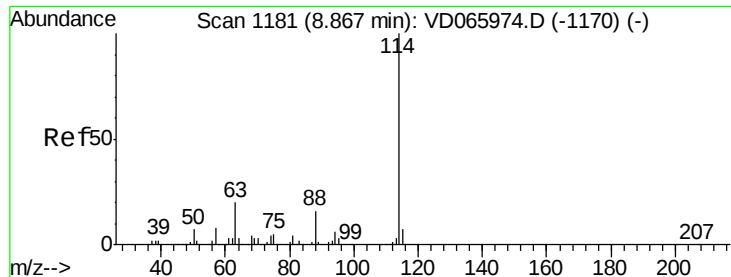
#33
1,2-Dichloroethane-d4
Concen: 57.481 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

Tgt Ion: 65 Resp: 135547
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0



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

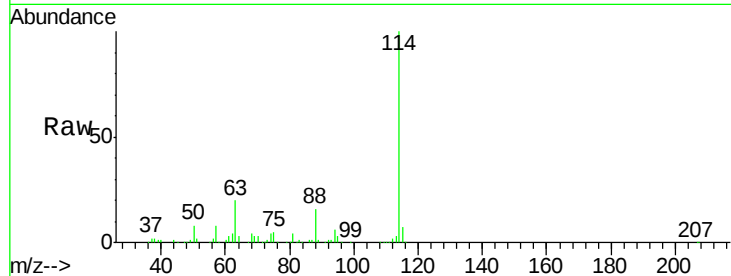




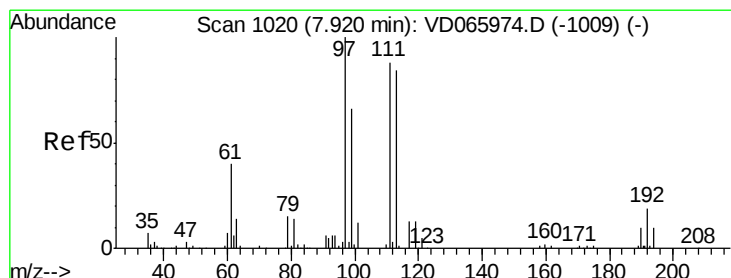
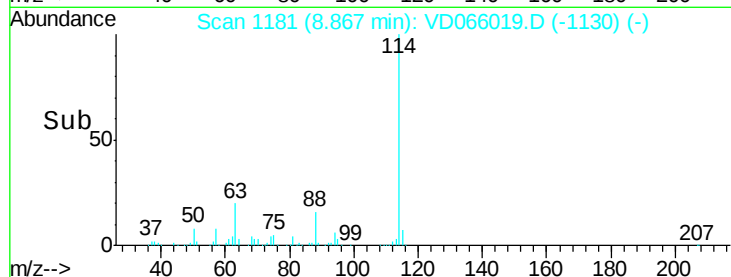
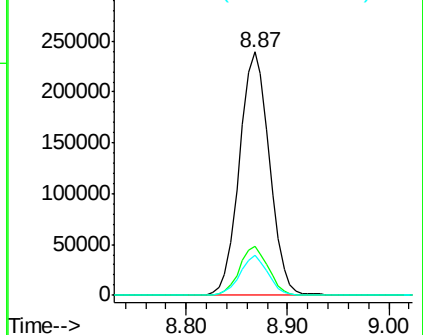
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD066019.D
 Acq: 23 Jul 2020 12:51

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2RE

Tot Ion:114 Resp: 494580
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 16.4 0.0 31.2

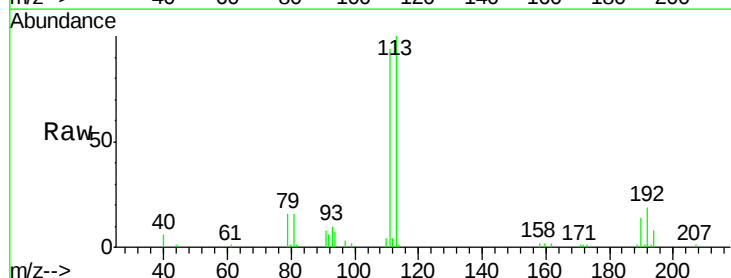


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

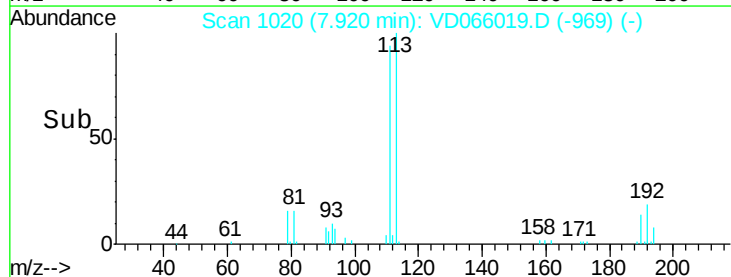
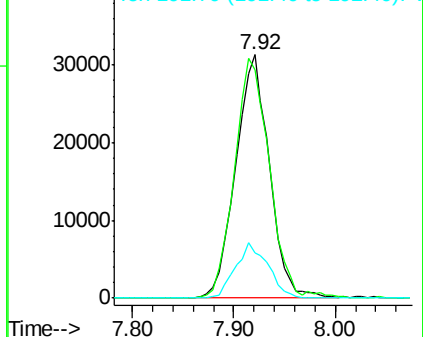


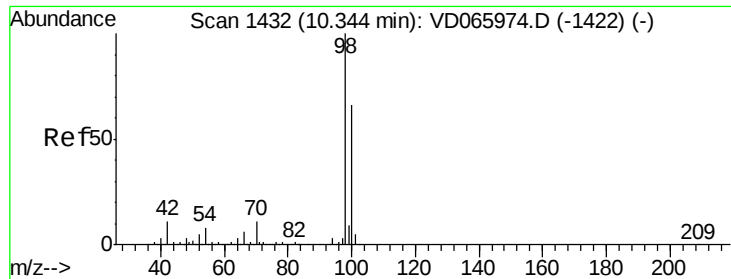
#35
 Dibromofluoromethane
 Concen: 24.051 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD066019.D
 Acq: 23 Jul 2020 12:51

Tgt Ion:113 Resp: 72148
 Ion Ratio Lower Upper
 113 100
 111 100.7 83.2 124.8
 192 21.8 18.7 28.1



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

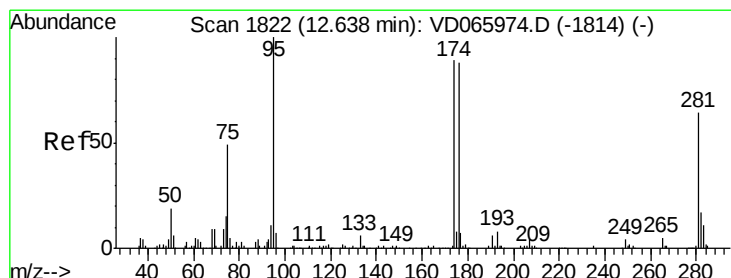
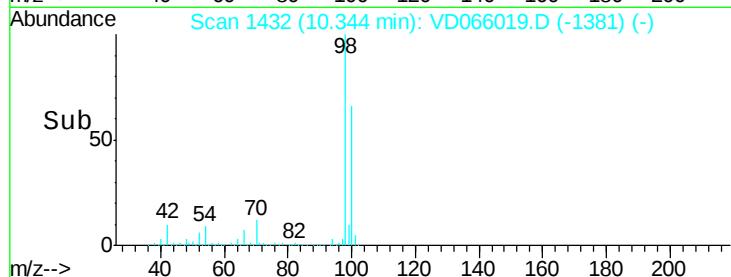
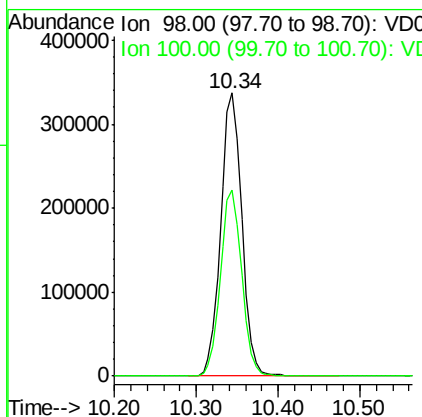
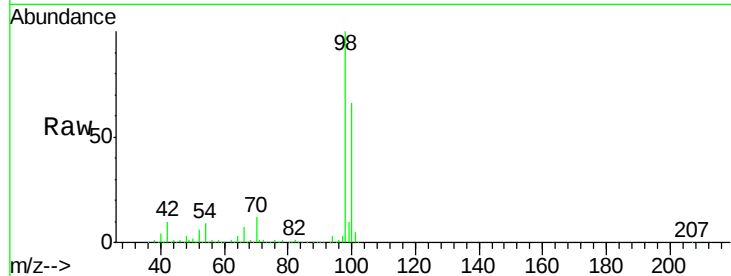




#50
Toluene-d8
Concen: 54.287 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

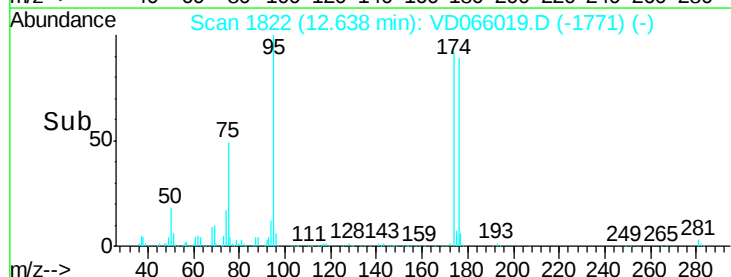
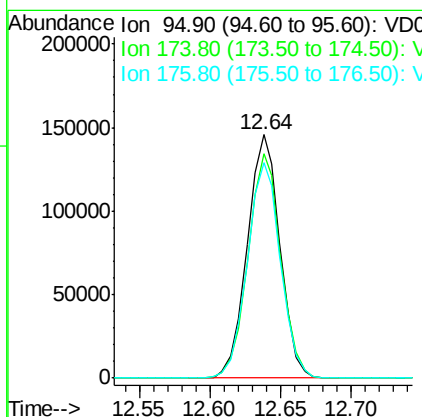
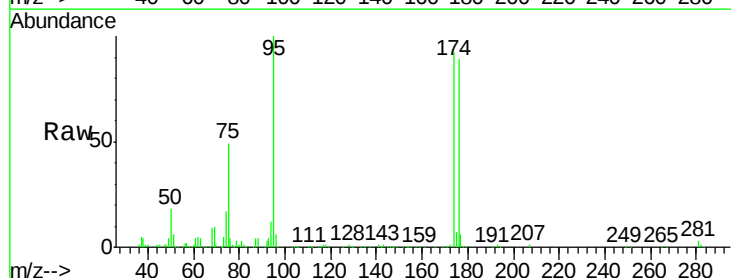
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

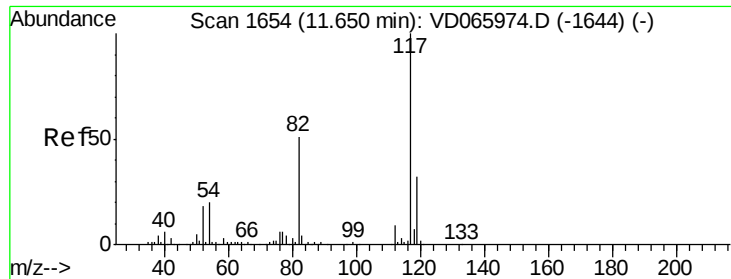
Tot Ion: 98 Resp: 606651
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 61.004 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

Tgt Ion: 95 Resp: 236378
Ion Ratio Lower Upper
95 100
174 92.2 0.0 178.8
176 89.6 0.0 172.6

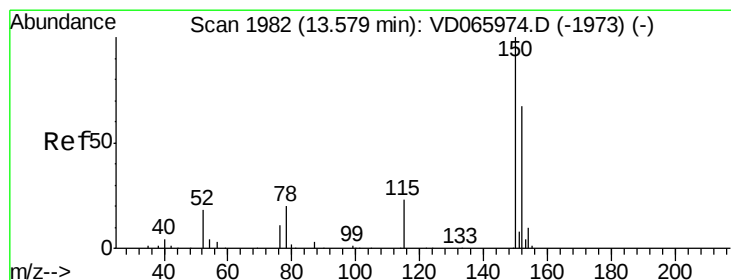
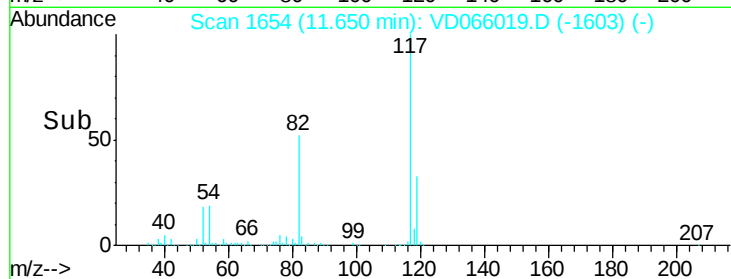
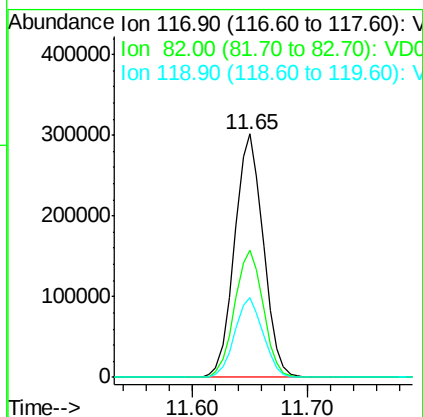
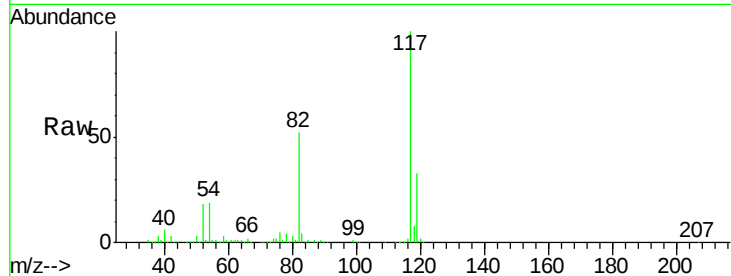




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

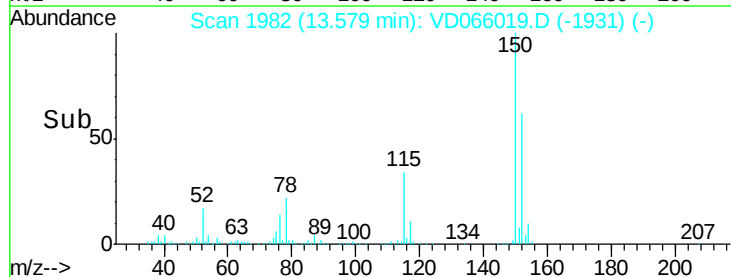
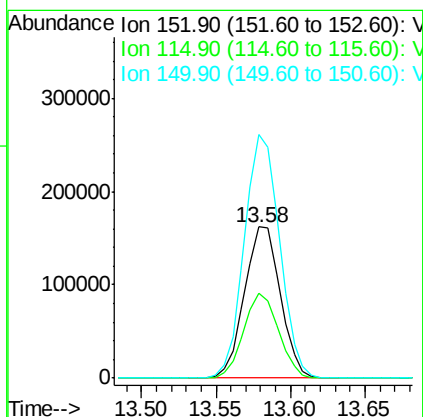
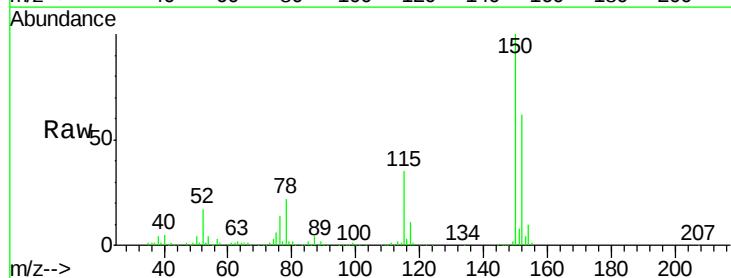
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

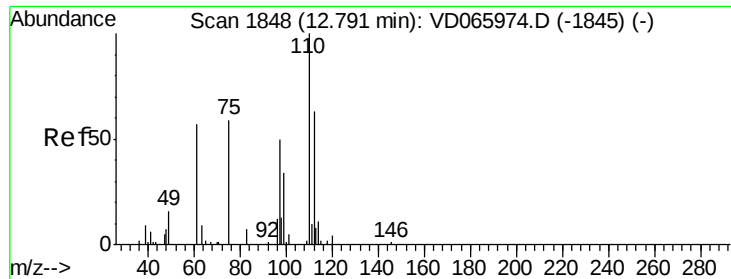
Tot Ion:117 Resp: 518247
Ion Ratio Lower Upper
117 100
82 52.2 41.1 61.7
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

Tgt Ion:152 Resp: 269732
Ion Ratio Lower Upper
152 100
115 54.7 27.9 83.7
150 158.5 0.0 348.2

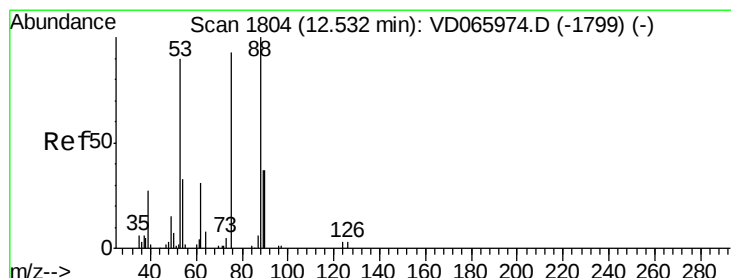
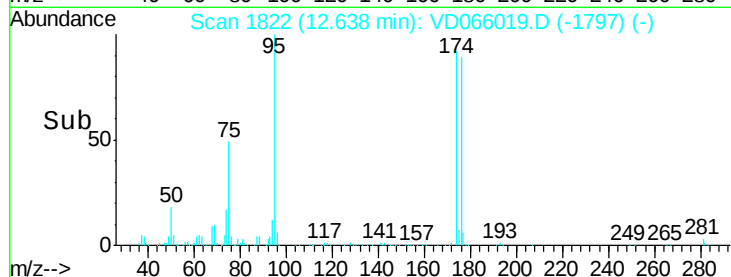
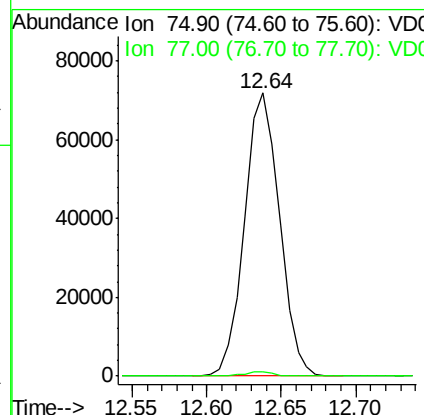
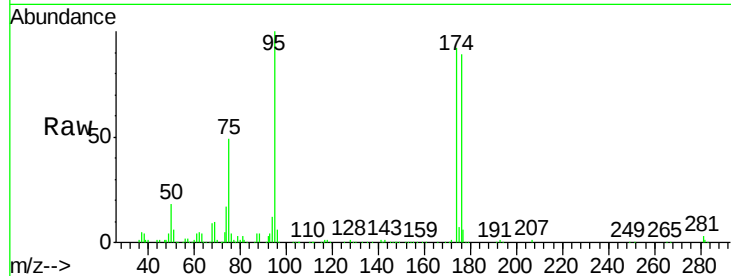




#76
 1,2,3-Trichloropropane
 Concen: 57.434 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD066019.D
 Acq: 23 Jul 2020 12:51

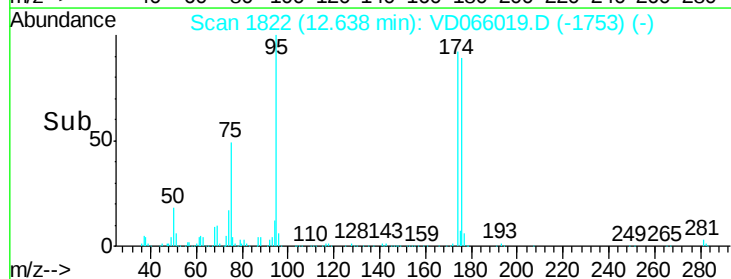
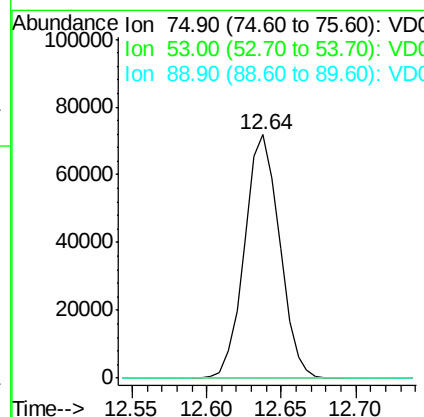
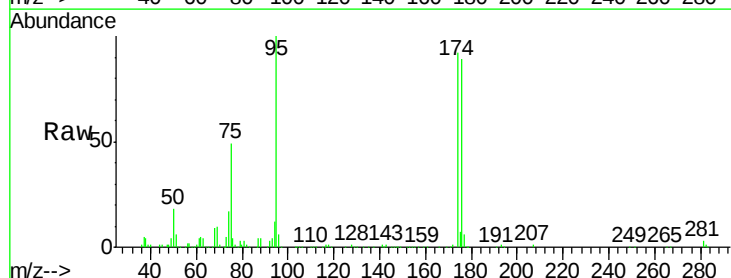
Instrument :
 MSVOA_D
 ClientSampled :
 SP-2RE

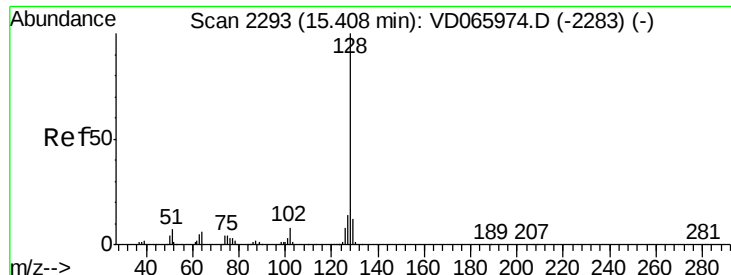
Tot Ion: 75 Resp: 116646
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.792 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066019.D
 Acq: 23 Jul 2020 12:51

Tgt Ion: 75 Resp: 116646
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.8 115.2#
 89 0.0 37.0 55.4#

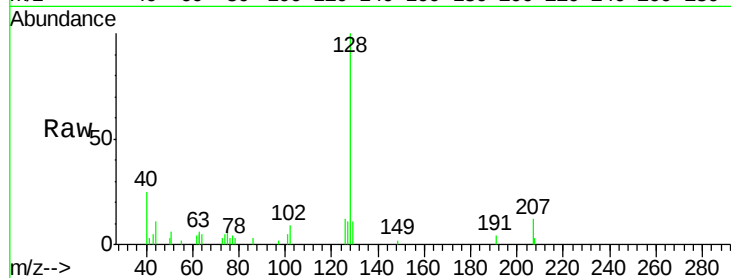




#95
Naphthalene
Concen: 5.096 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.8	16.2
129	12.0	8.9	13.3



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

