

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066415.D
 Acq On : 26 Aug 2020 12:47
 Operator : VA/SY
 Sample : L3794-02RE
 Misc : 9.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 336

Quant Time: Aug 27 07:28:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	190076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	277687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	250730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	123878	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	102939	55.24	ug/l	0.00
Spiked Amount						
			Recovery	=	110.48%	
35) Dibromofluoromethane	7.91	113	88595	51.02	ug/l	0.00
Spiked Amount						
			Recovery	=	102.04%	
50) Toluene-d8	10.34	98	324295	51.04	ug/l	0.00
Spiked Amount						
			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.63	95	111321	49.38	ug/l	0.00
Spiked Amount						
			Recovery	=	98.76%	

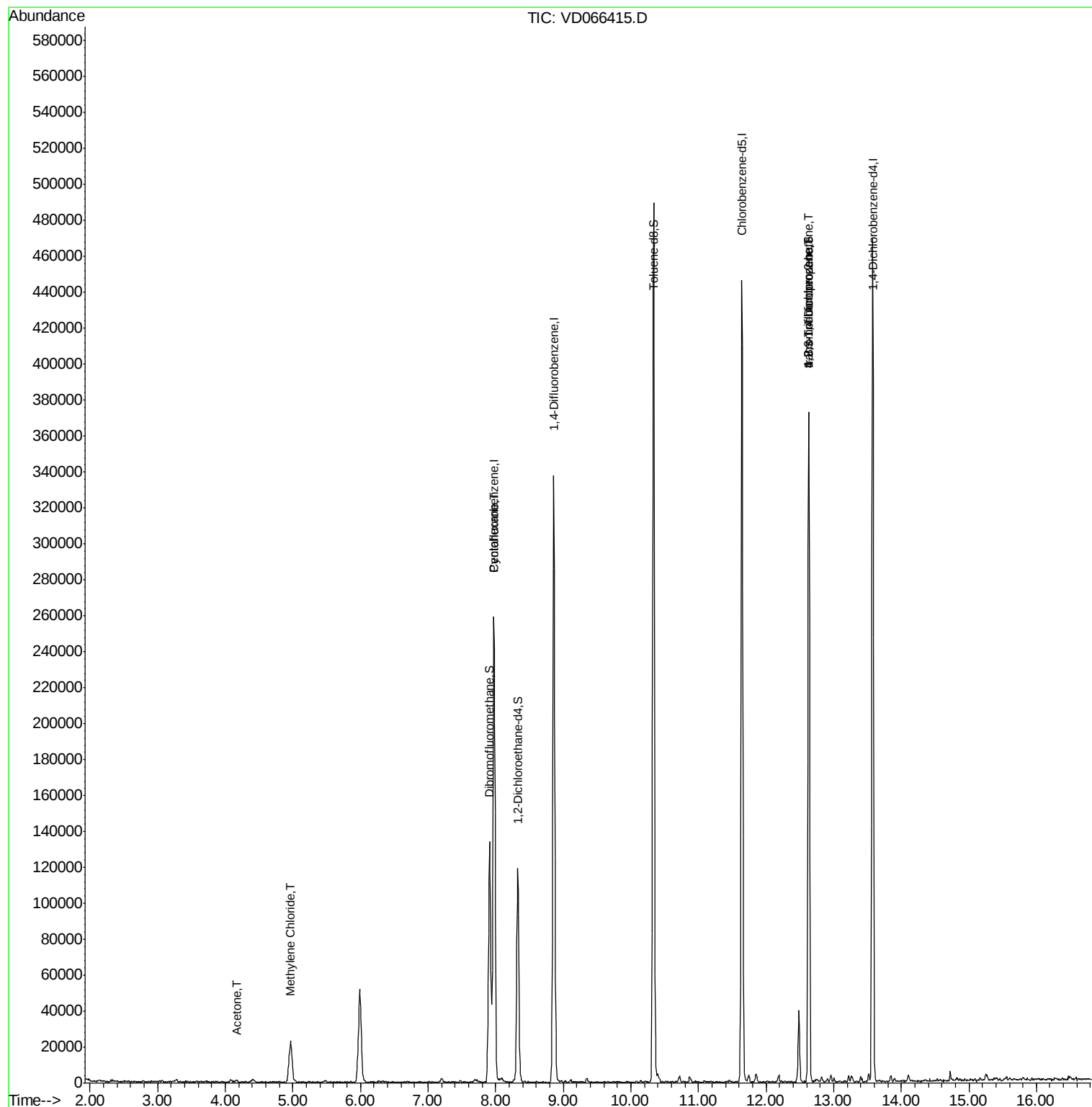
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	1960	5.834	ug/l	97
20) Methylene Chloride	4.97	84	18854	4.774	ug/l	86
31) Cyclohexane	7.98	56	4761	1.840	ug/l #	60
76) 1,2,3-Trichloropropane	12.63	75	62776	72.033	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	62776	152.903	ug/l #	6

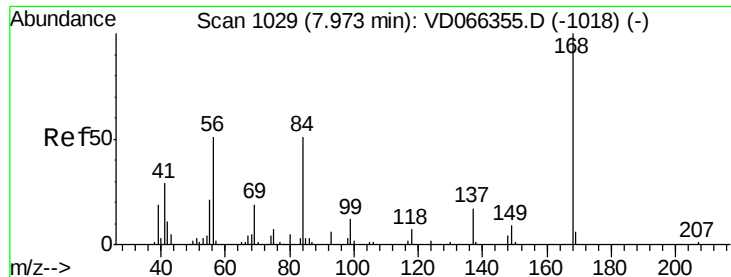
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066415.D

Acq: 26 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

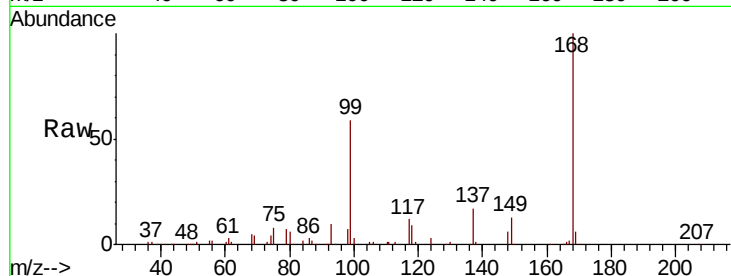
336

Tot Ion:168 Resp: 190076

Ion Ratio Lower Upper

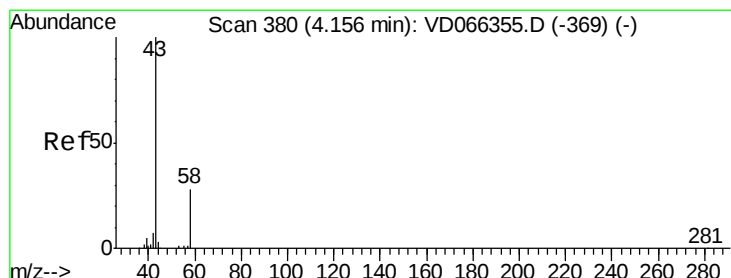
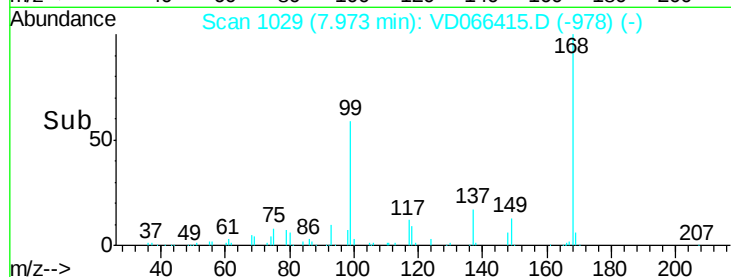
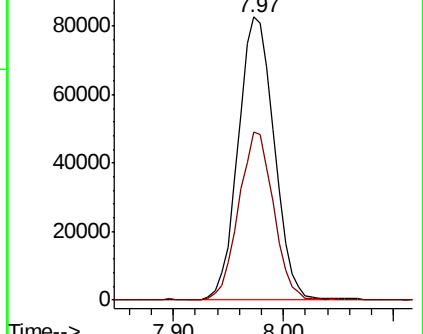
168 100

99 59.4 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 5.834 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066415.D

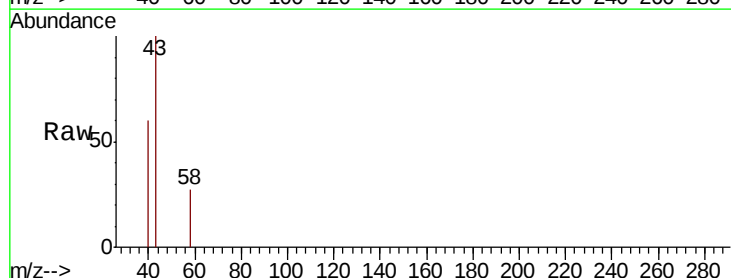
Acq: 26 Aug 2020 12:47

Tgt Ion: 43 Resp: 1960

Ion Ratio Lower Upper

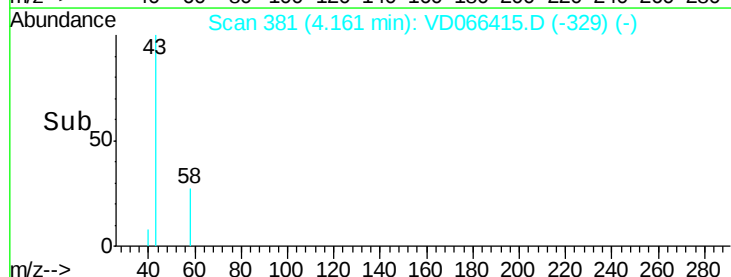
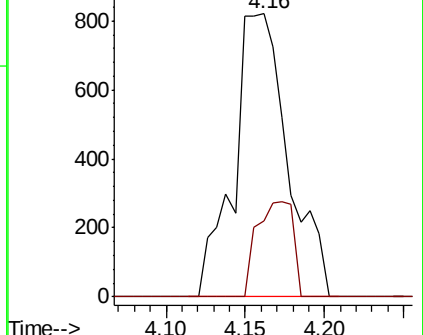
43 100

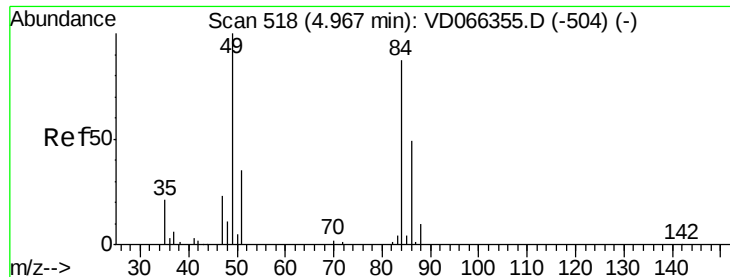
58 26.7 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

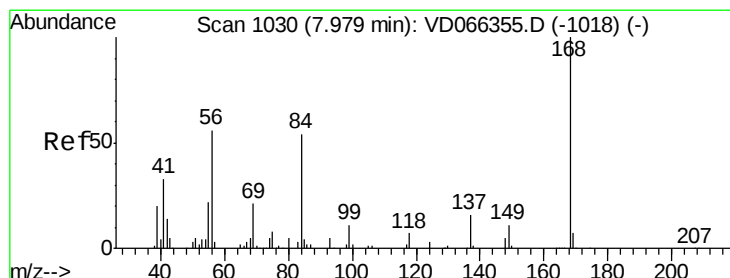
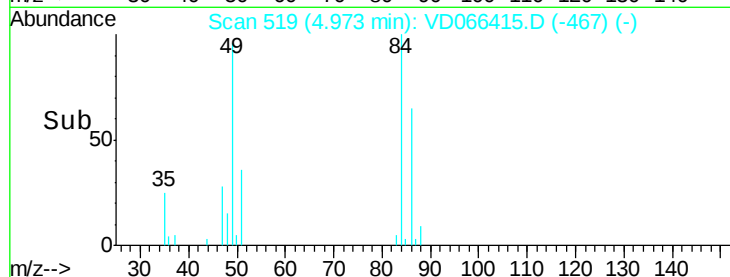
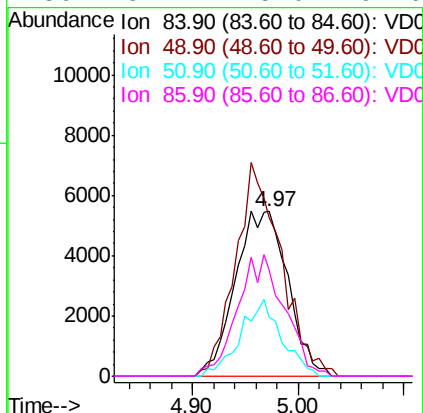
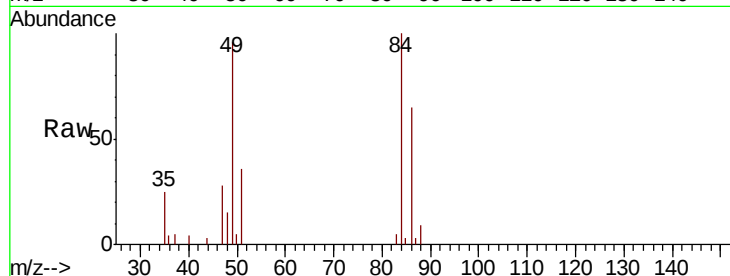




#20
Methvlene Chloride
Concen: 4.774 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066415.D
Acq: 26 Aug 2020 12:47

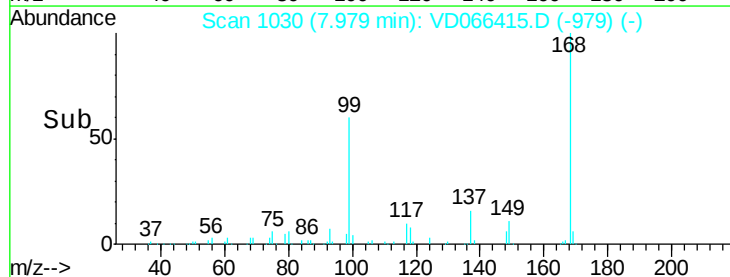
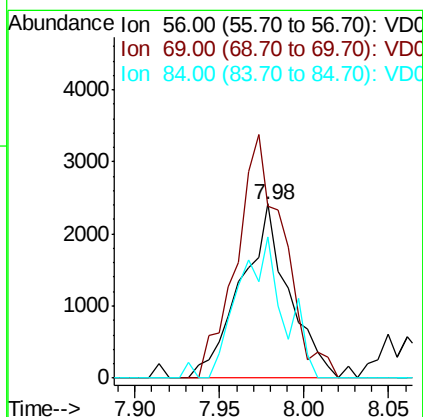
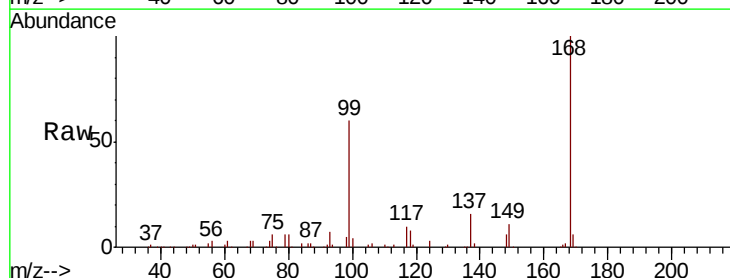
Instrument :
MSVOA_D
ClientSampleId :
336

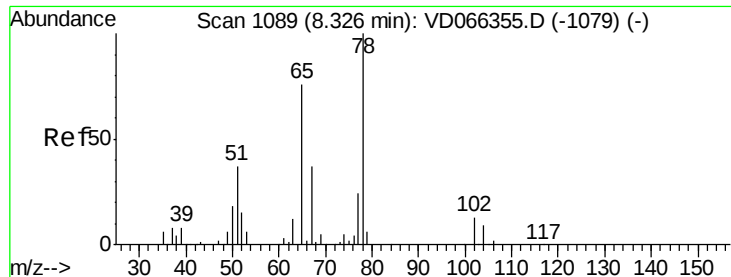
Tot Ion:	84	Resp:	18854
Ion	Ratio	Lower	Upper
84	100		
49	96.0	92.5	138.7
51	36.1	32.5	48.7
86	64.7	45.0	67.6



#31
Cyclohexane
Concen: 1.840 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066415.D
Acq: 26 Aug 2020 12:47

Tgt Ion:	56	Resp:	4761
Ion	Ratio	Lower	Upper
56	100		
69	98.9	29.6	44.4#
84	80.9	76.6	115.0





#33

1,2-Dichloroethane-d4

Concen: 55.240 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066415.D

Acq: 26 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampled :

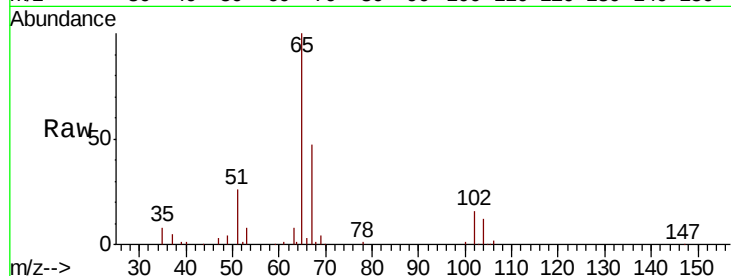
336

Tot Ion: 65 Resp: 102939

Ion Ratio Lower Upper

65 100

67 45.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

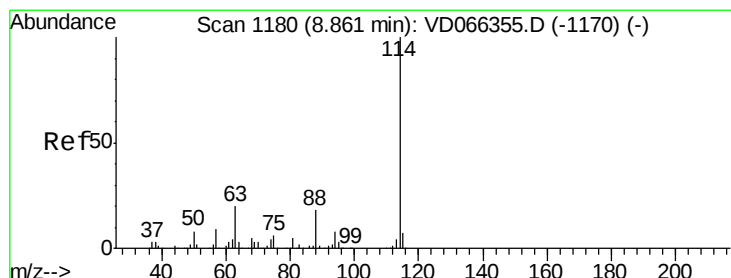
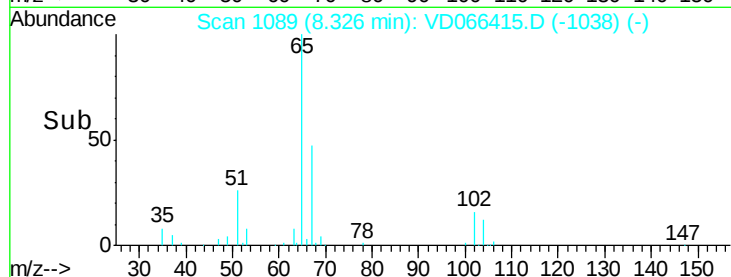
30000

20000

10000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066415.D

Acq: 26 Aug 2020 12:47

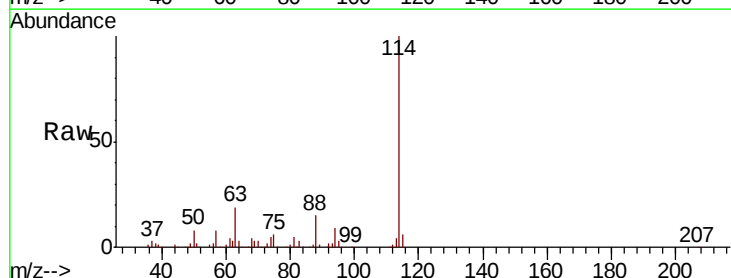
Tgt Ion: 114 Resp: 277687

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.8

88 14.8 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

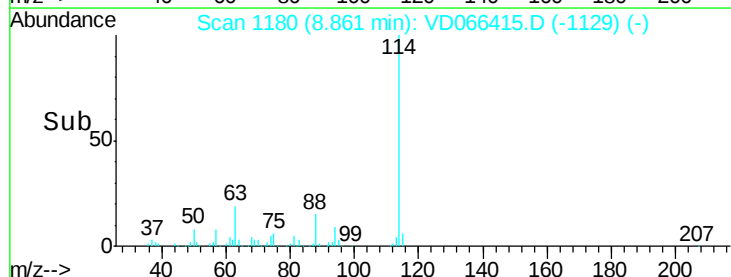
150000

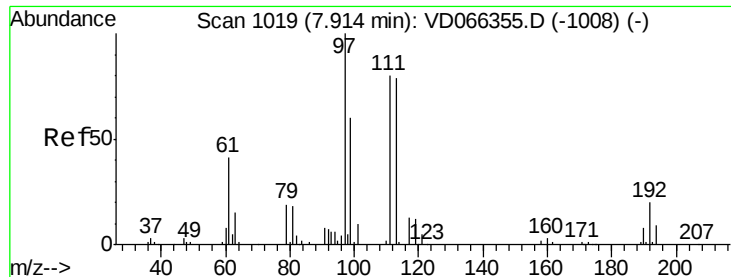
100000

50000

0

Time--> 8.80 8.90 9.00

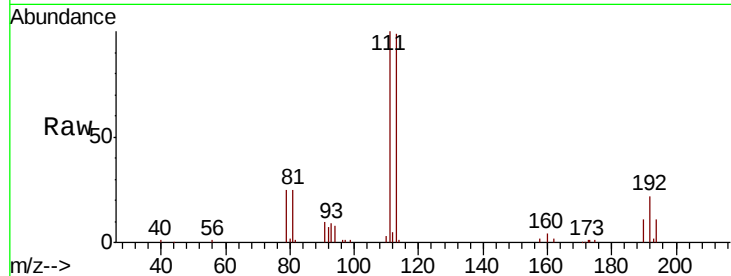




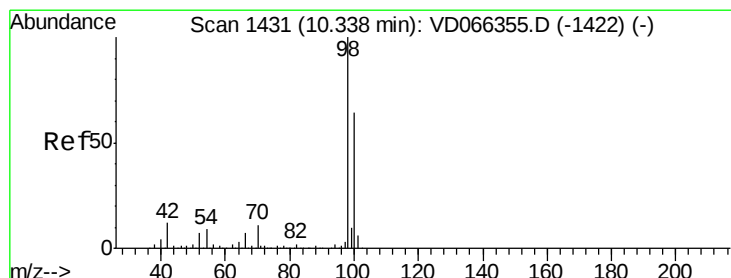
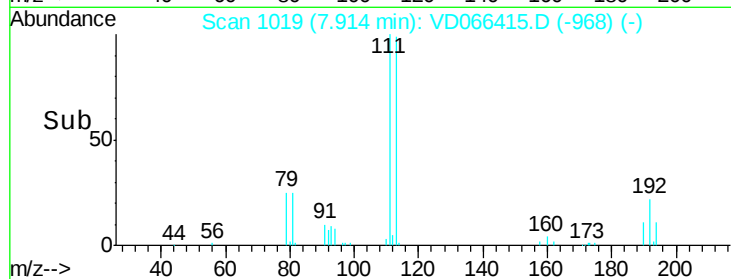
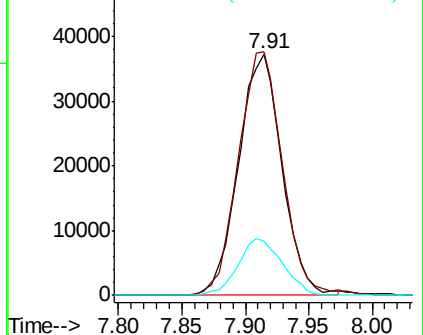
#35
 Dibromofluoromethane
 Concen: 51.022 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066415.D
 Acq: 26 Aug 2020 12:47

Instrument :
 MSVOA_D
 ClientSampleId :
 336

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.3	120.5
192	24.0	19.0	28.6

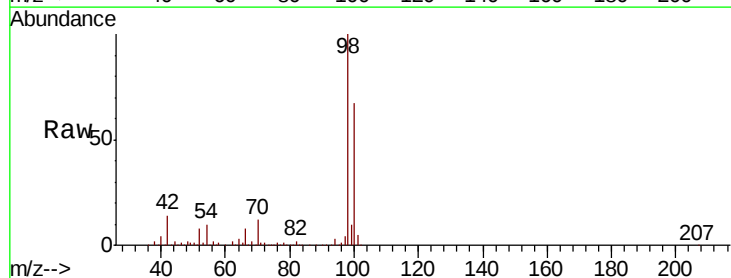


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

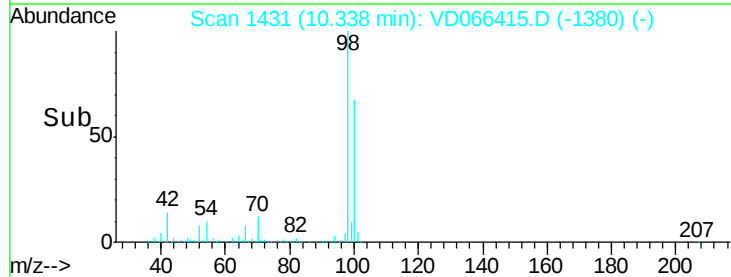
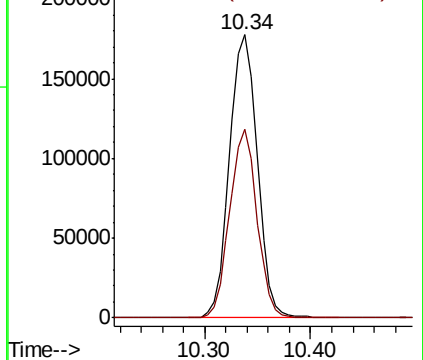


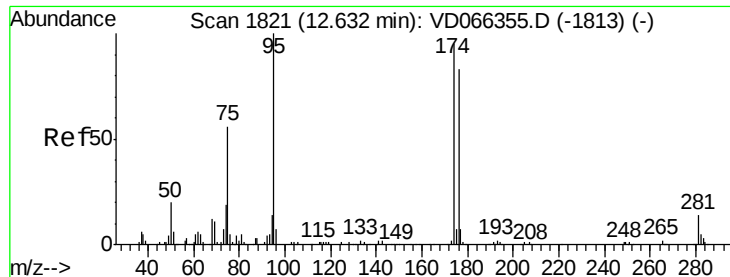
#50
 Toluene-d8
 Concen: 51.044 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066415.D
 Acq: 26 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VD

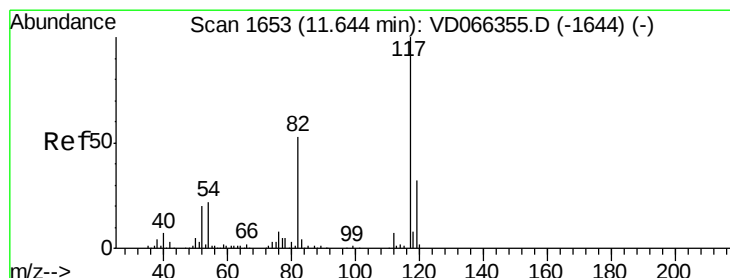
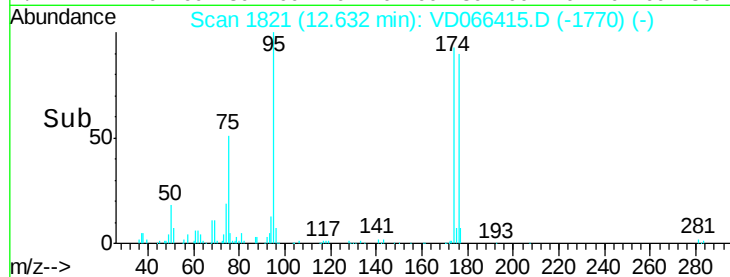
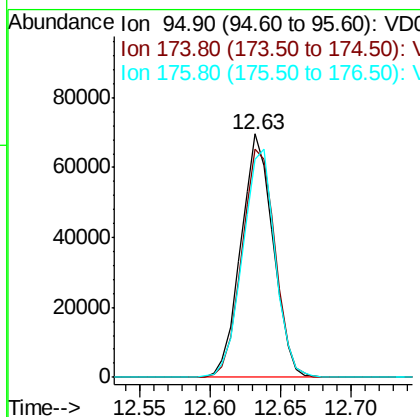
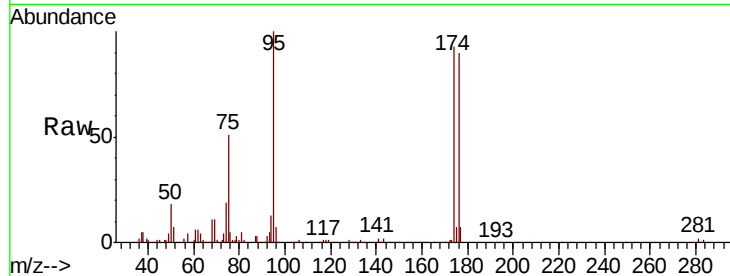




#62
4-Bromofluorobenzene
Concen: 49.379 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066415.D
Acq: 26 Aug 2020 12:47

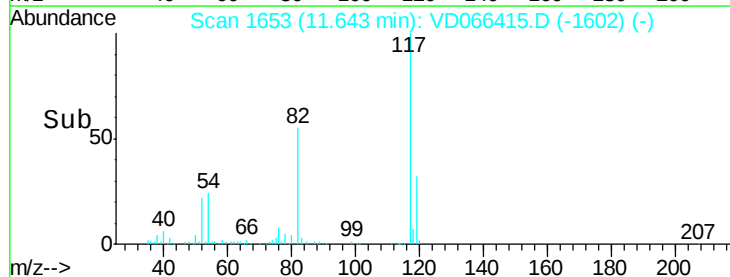
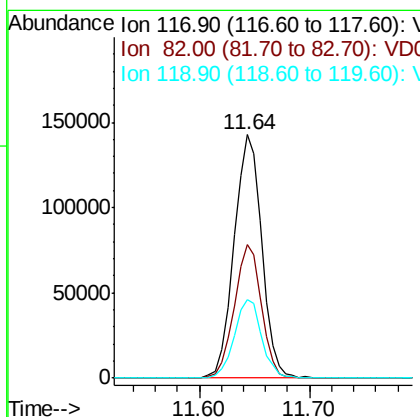
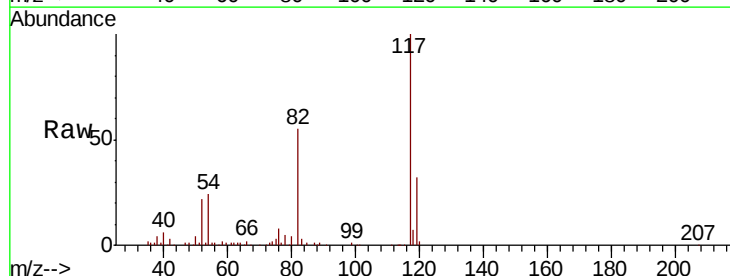
Instrument :
MSVOA_D
ClientSampleId :
336

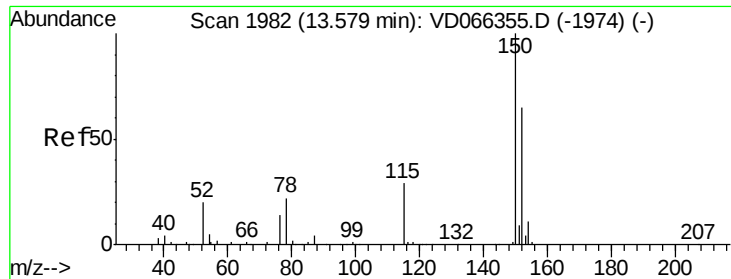
Tot Ion: 95 Resp: 111321
Ion Ratio Lower Upper
95 100
174 97.0 0.0 183.4
176 94.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066415.D
Acq: 26 Aug 2020 12:47

Tgt Ion: 117 Resp: 250730
Ion Ratio Lower Upper
117 100
82 54.9 42.8 64.2
119 32.3 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066415.D

Acq: 26 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

336

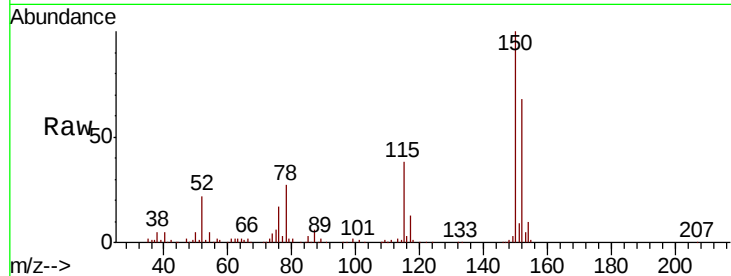
Tot Ion:152 Resp: 123878

Ion Ratio Lower Upper

152 100

115 59.1 28.3 85.0

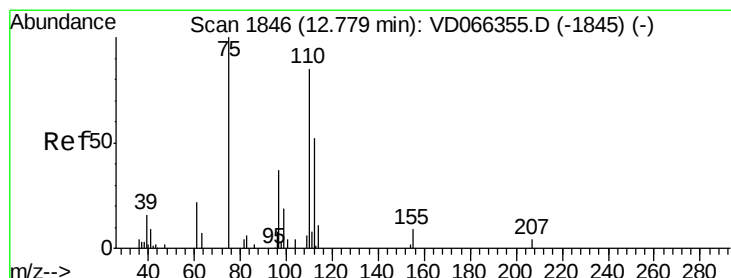
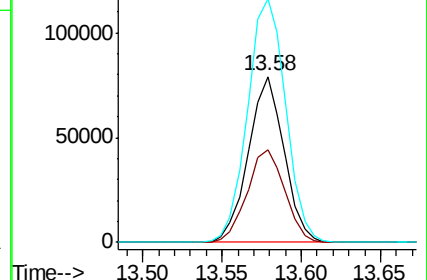
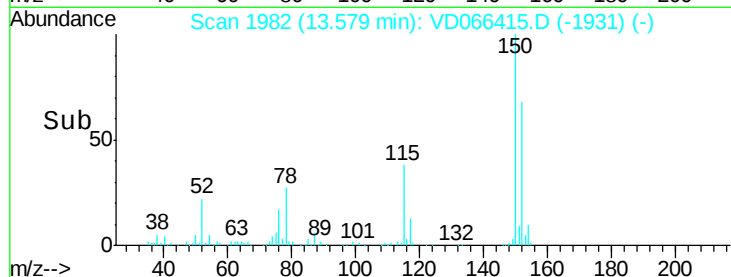
150 156.6 0.0 343.2



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: 72.033 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066415.D

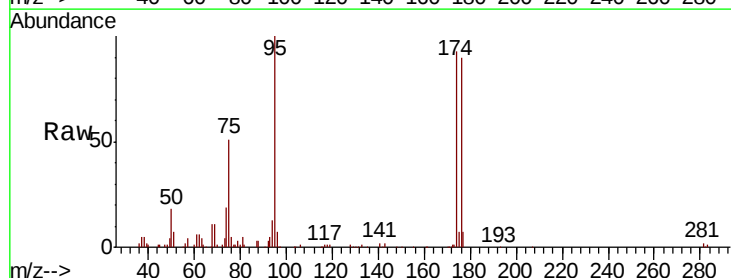
Acq: 26 Aug 2020 12:47

Tgt Ion: 75 Resp: 62776

Ion Ratio Lower Upper

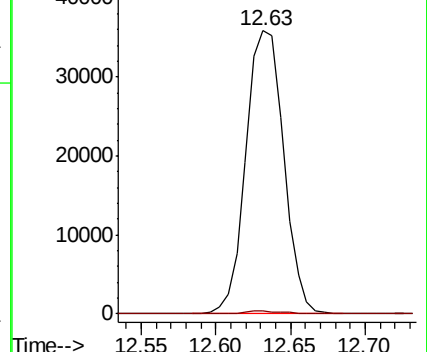
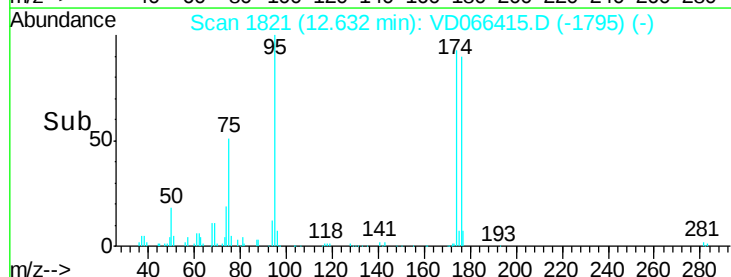
75 100

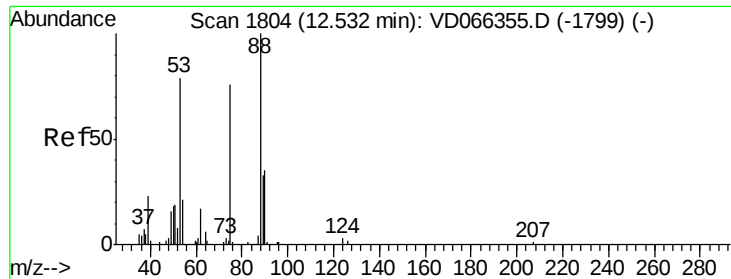
77 0.9 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.903 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066415.D
 Acq: 26 Aug 2020 12:47

Instrument :
 MSVOA_D
 ClientSampleId :
 336

Tot Ion: 75 Resp: 62776
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.4 131.2#
 89 0.0 39.4 59.0#

