

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066448.D
 Acq On : 27 Aug 2020 20:30
 Operator : VA/SY
 Sample : L3823-08
 Misc : 4.94G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP06-0006-01

Quant Time: Aug 28 01:49:56 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	178964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	255988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	236483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	123784	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	102076	58.18	ug/l	0.00
Spiked Amount			Recovery	=	116.36%	
35) Dibromofluoromethane	7.91	113	79175	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
50) Toluene-d8	10.33	98	299545	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	12.63	95	104175	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	

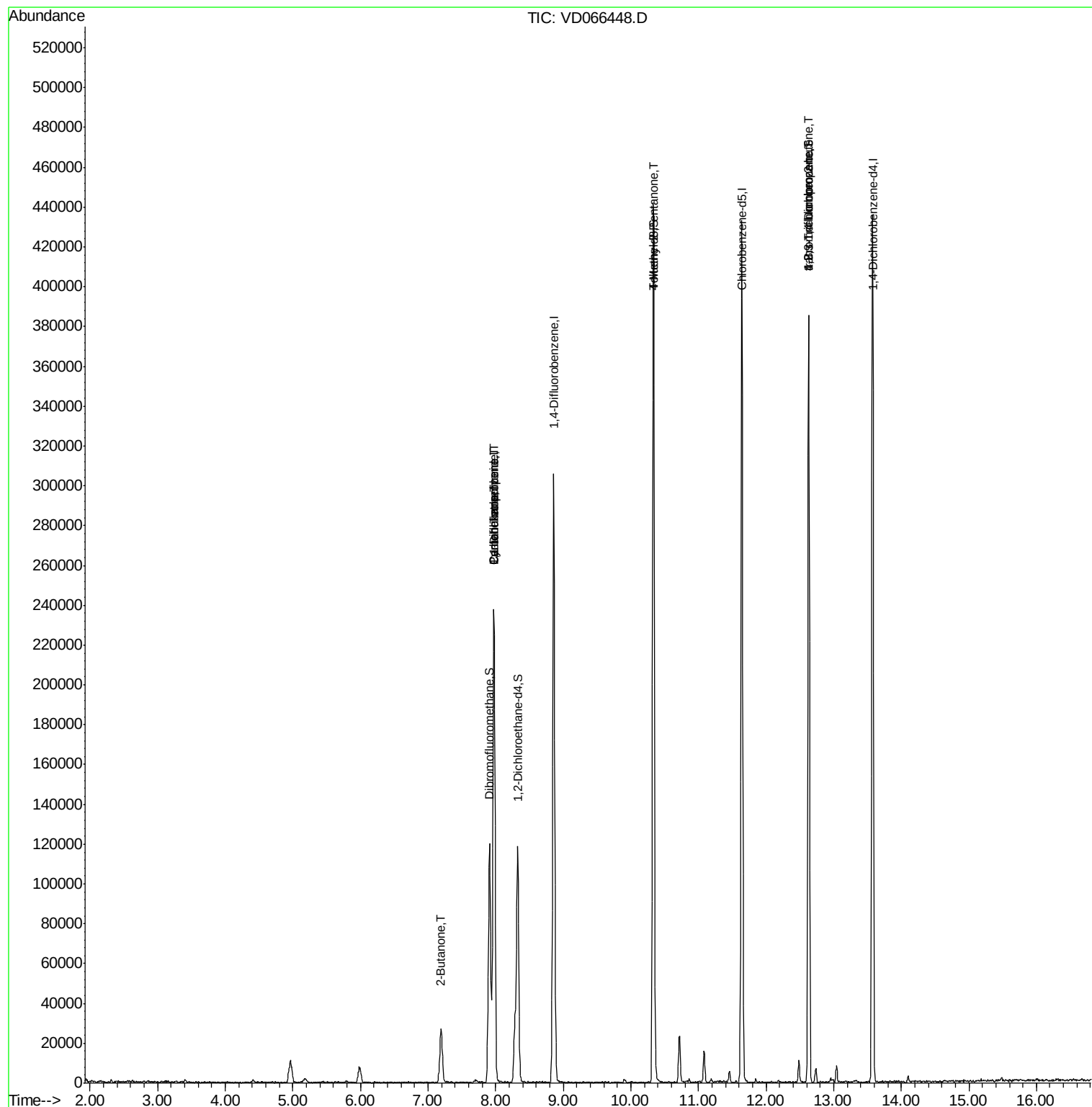
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	2046	Below Cal	#	71
20) Methylene Chloride	4.97	84	8913	Below Cal	#	79
25) 2-Butanone	7.18	43	728	2.027	ug/l #	47
31) Cyclohexane	7.97	56	3834	1.574	ug/l #	30
36) 1,1-Dichloropropene	7.97	75	12568	5.381	ug/l #	48
38) Carbon Tetrachloride	7.97	117	18852	6.195	ug/l #	15
51) 4-Methyl-2-Pentanone	10.34	43	1794	2.326	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	61502	70.625	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	61502	149.914	ug/l #	6

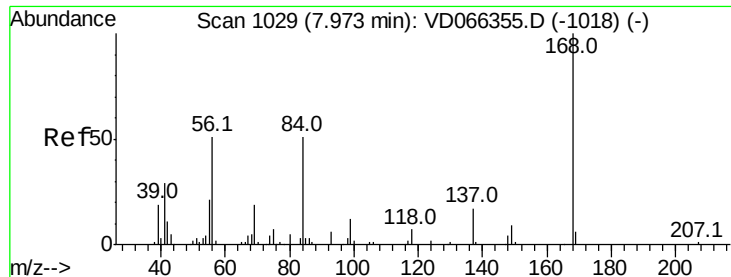
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082720\
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066448.D

Acq: 27 Aug 2020 20:30

Instrument :

MSVOA_D

ClientSampleId :

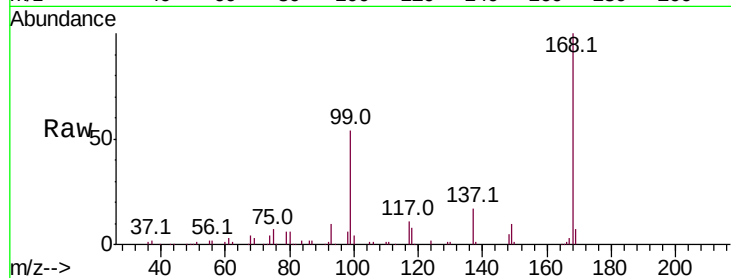
789UMR-TP06-0006-01

Tot Ion:168 Resp: 178964

Ion Ratio Lower Upper

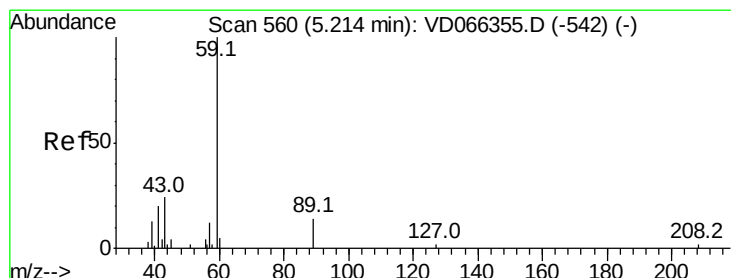
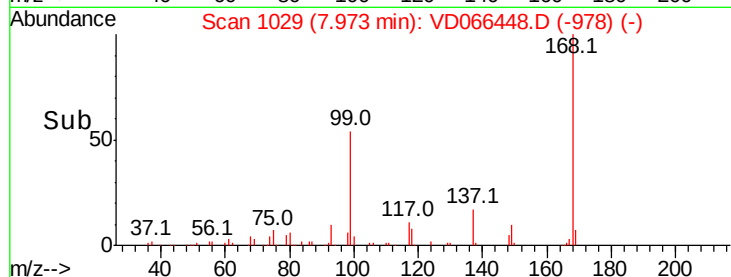
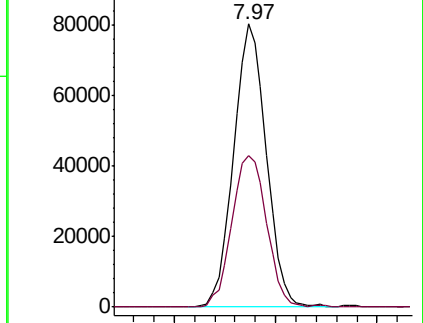
168 100

99 53.6 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 554

Delta R.T. -0.03 min

Lab File: VD066448.D

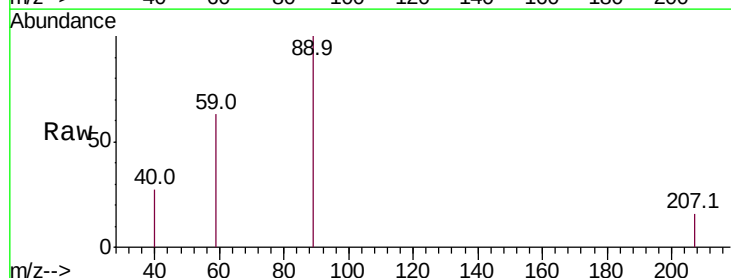
Acq: 27 Aug 2020 20:30

Tgt Ion: 59 Resp: 2046

Ion Ratio Lower Upper

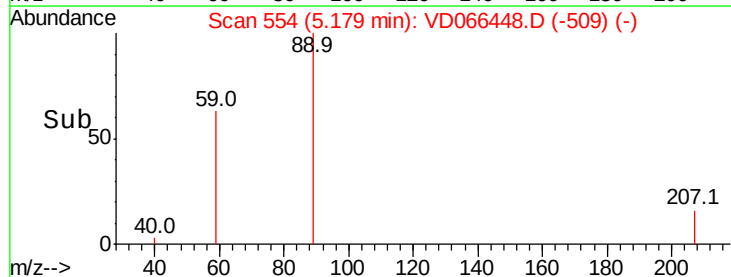
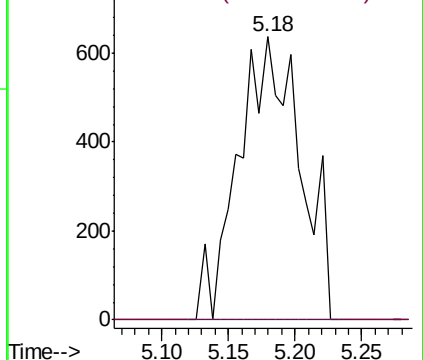
59 100

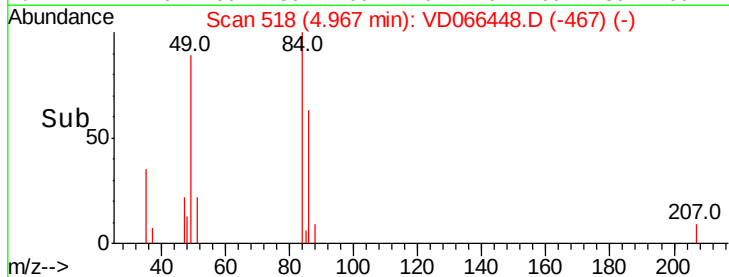
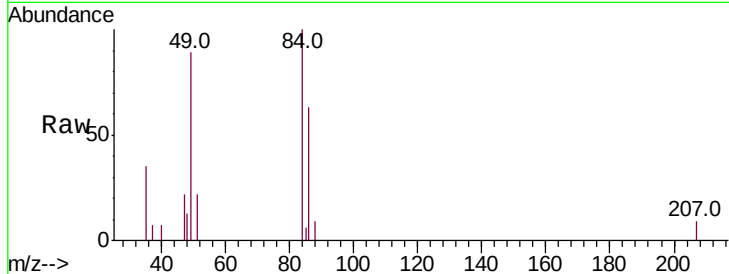
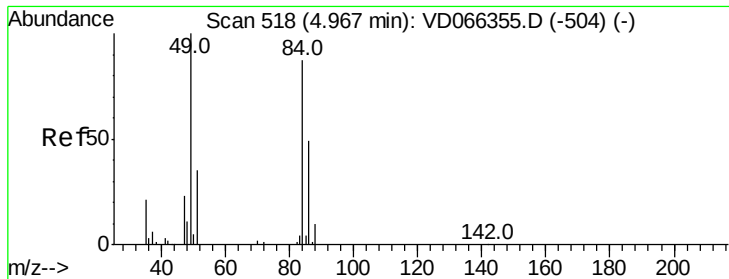
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

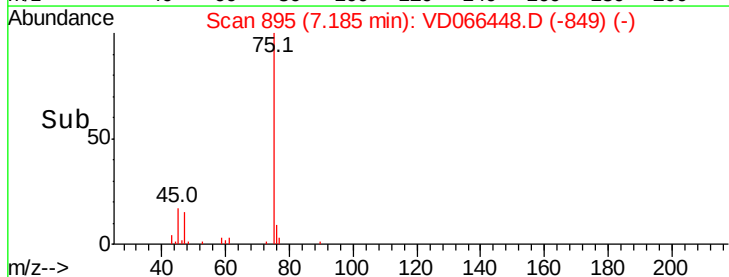
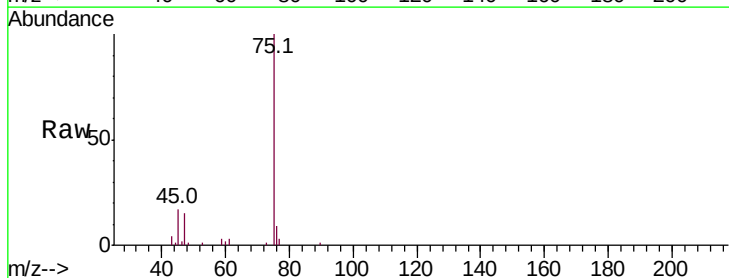
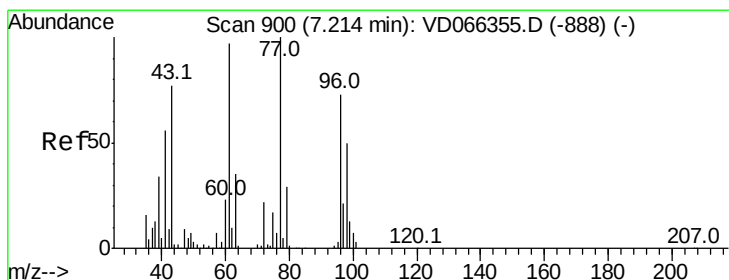
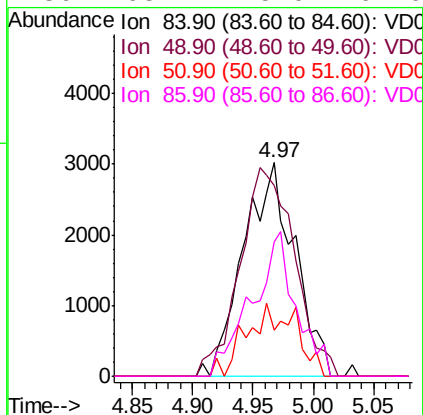




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066448.D
Acq: 27 Aug 2020 20:30

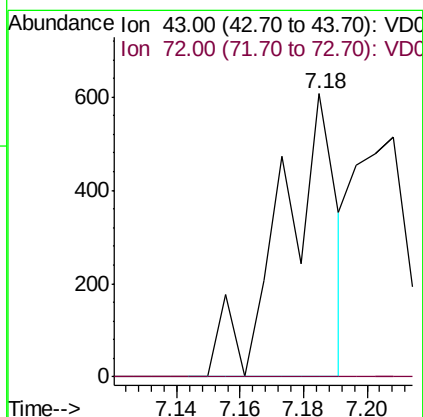
Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP06-0006-01

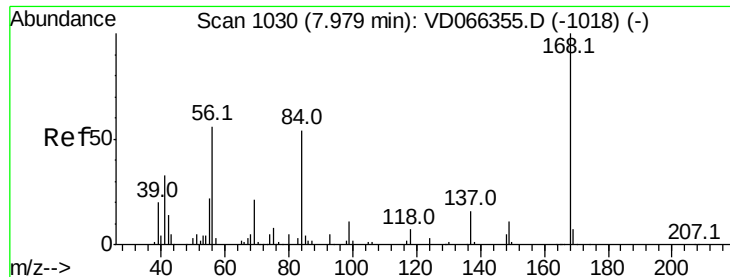
Tot Ion:	84	Resp:	8913
Ion	Ratio	Lower	Upper
84	100		
49	89.5	92.5	138.7#
51	21.5	32.5	48.7#
86	63.2	45.0	67.6



#25
2-Butanone
Concen: 2.027 ug/l
RT: 7.18 min Scan# 895
Delta R.T. -0.03 min
Lab File: VD066448.D
Acq: 27 Aug 2020 20:30

Tgt Ion:	43	Resp:	728
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.5	33.7#

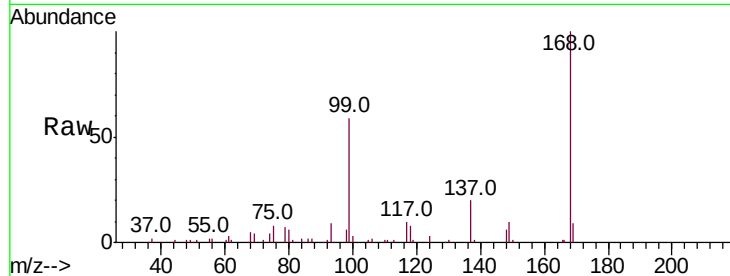




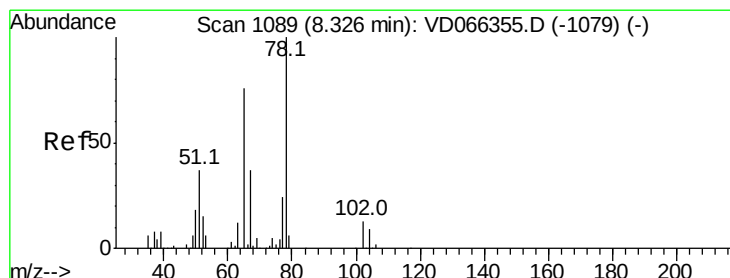
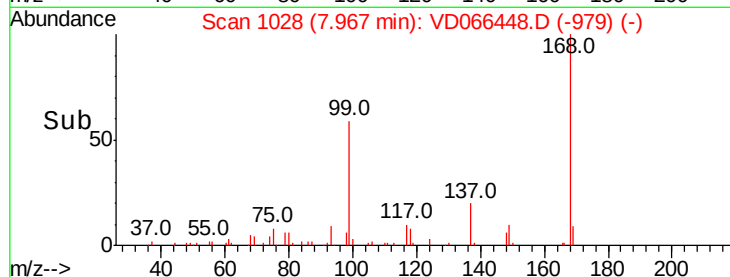
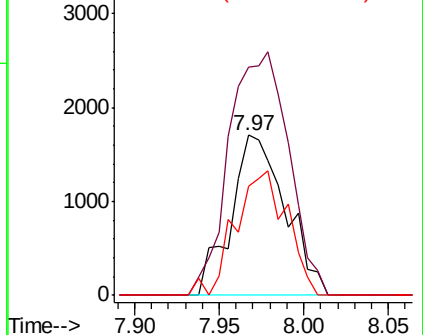
#31
Cyclohexane
Concen: 1.574 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VD066448.D
Acq: 27 Aug 2020 20:30

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP06-0006-01

Tot Ion: 56 Resp: 3834
Ion Ratio Lower Upper
56 100
69 142.7 29.6 44.4#
84 68.1 76.6 115.0#

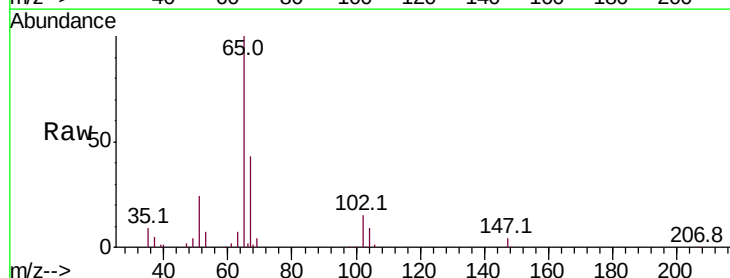


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

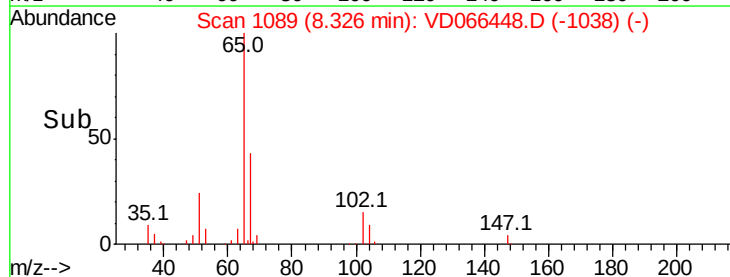
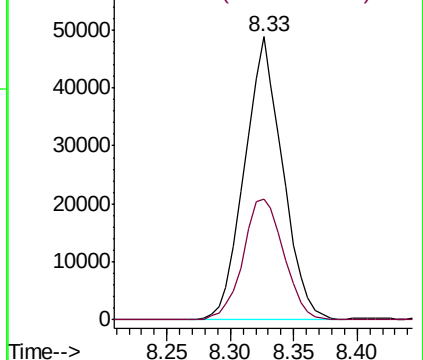


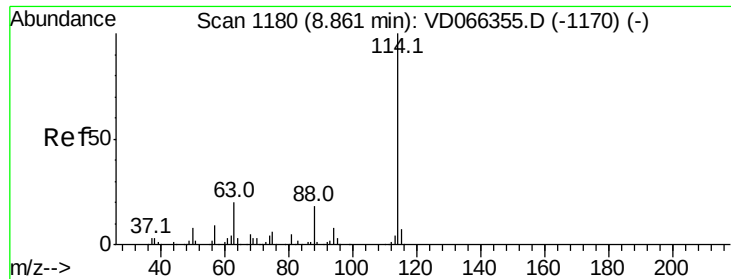
#33
1,2-Dichloroethane-d4
Concen: 58.178 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066448.D
Acq: 27 Aug 2020 20:30

Tgt Ion: 65 Resp: 102076
Ion Ratio Lower Upper
65 100
67 45.5 0.0 101.6



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

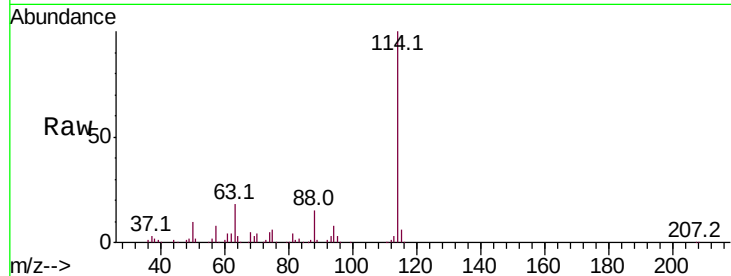




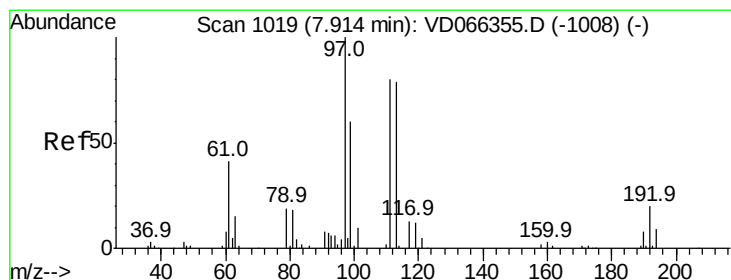
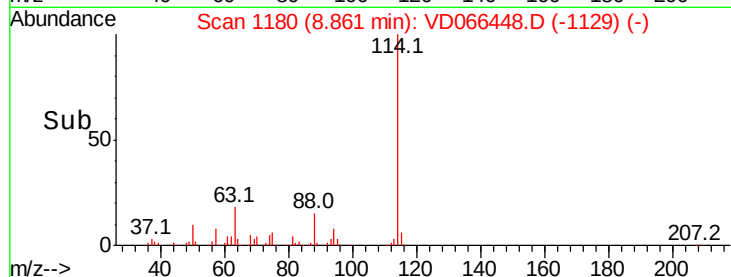
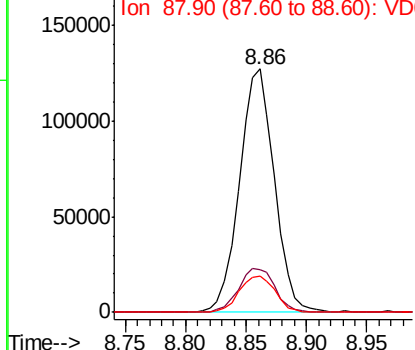
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066448.D
 Acq: 27 Aug 2020 20:30

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP06-0006-01

Tot Ion:114 Resp: 255988
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 40.8
 88 15.1 0.0 35.4

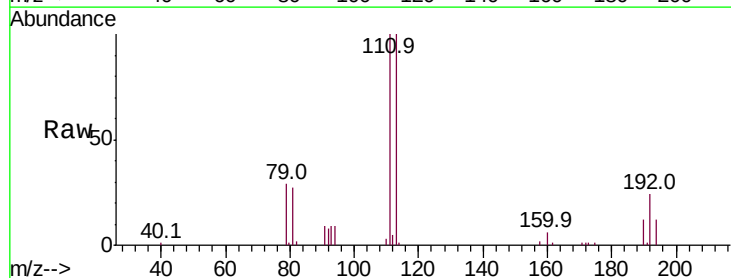


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

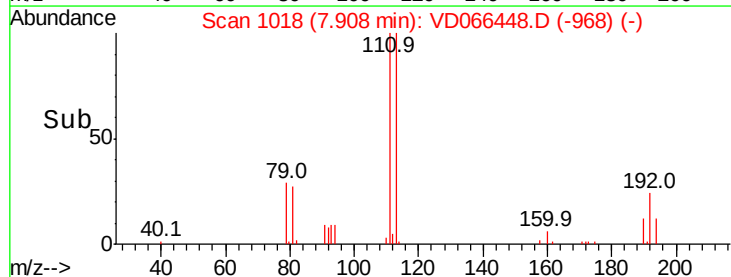
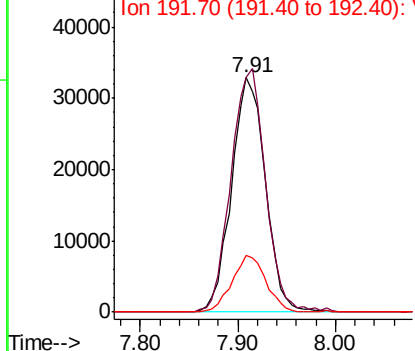


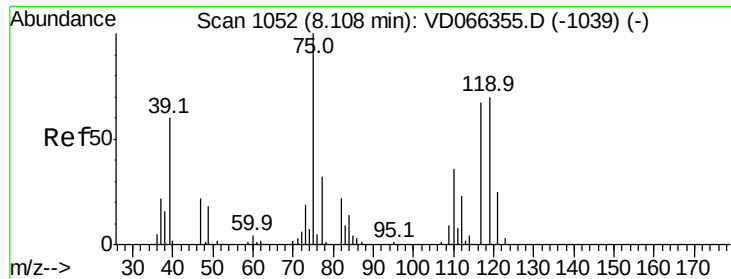
#35
 Dibromofluoromethane
 Concen: 49.462 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066448.D
 Acq: 27 Aug 2020 20:30

Tgt Ion:113 Resp: 79175
 Ion Ratio Lower Upper
 113 100
 111 105.8 80.3 120.5
 192 24.1 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

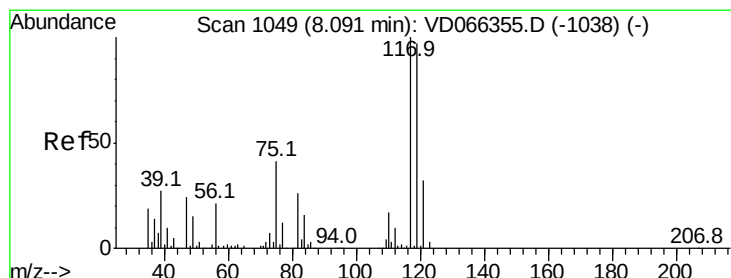
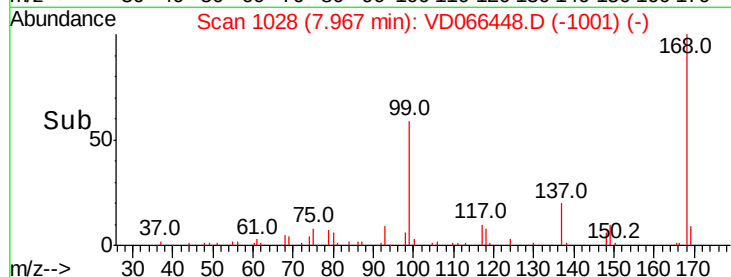
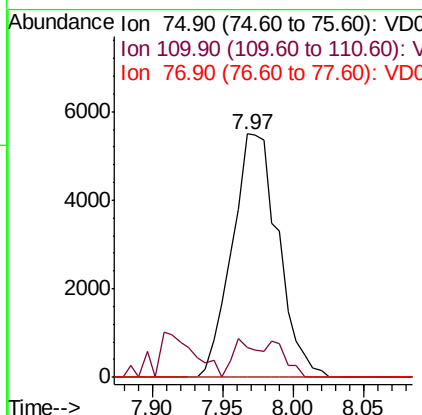
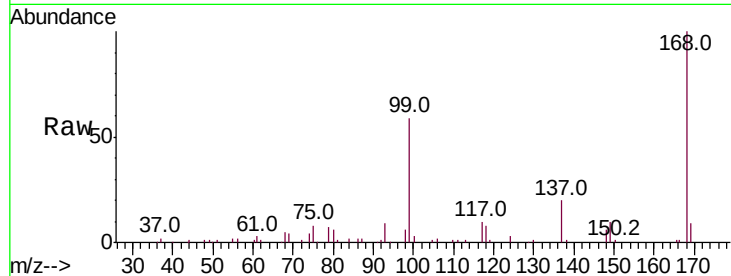




#36
 1,1-Dichloropropene
 Concen: 5.381 ug/l
 RT: 7.97 min Scan# 1028
 Delta R.T. -0.14 min
 Lab File: VD066448.D
 Acq: 27 Aug 2020 20:30

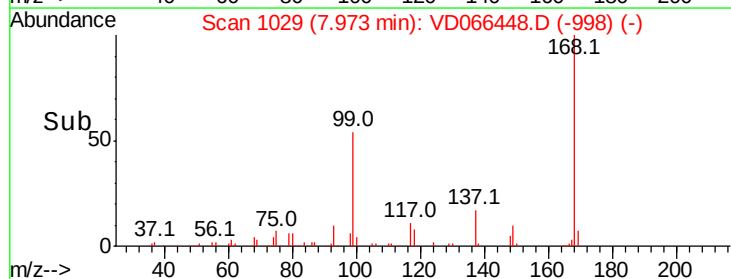
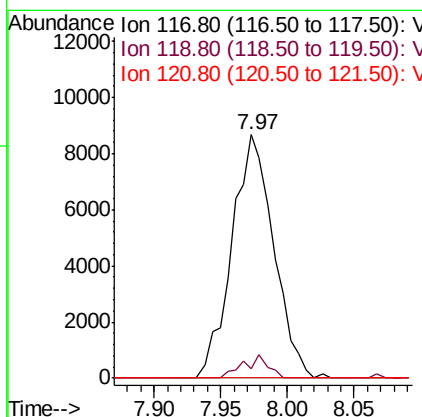
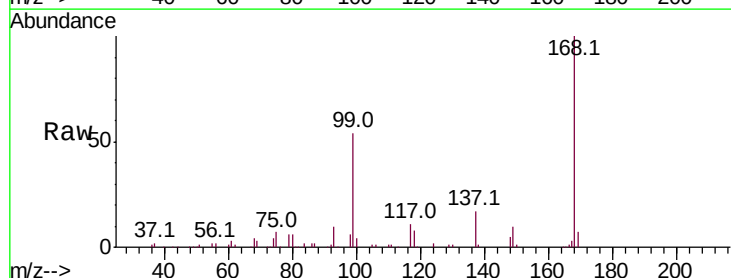
Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP06-0006-01

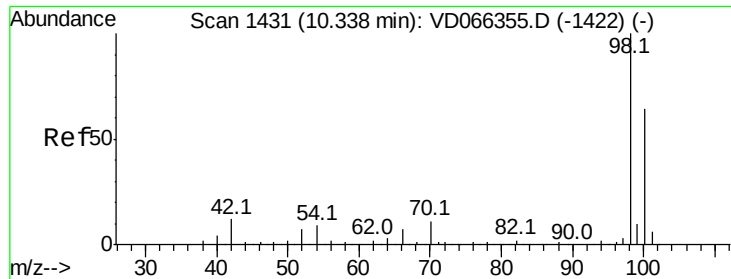
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.7	56.1#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 6.195 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.12 min
 Lab File: VD066448.D
 Acq: 27 Aug 2020 20:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.2	115.8#
121	0.0	25.8	38.8#

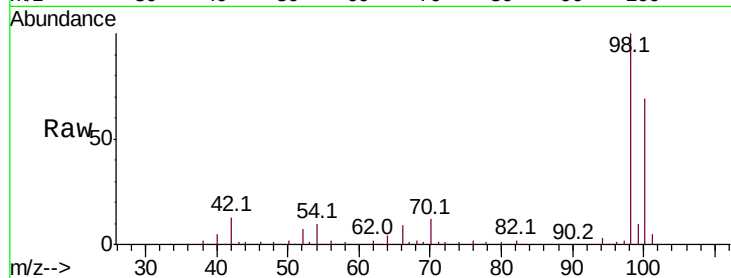




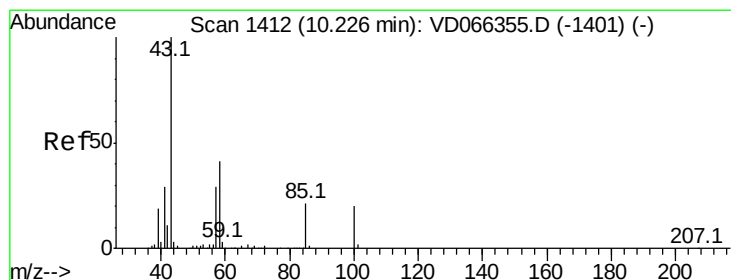
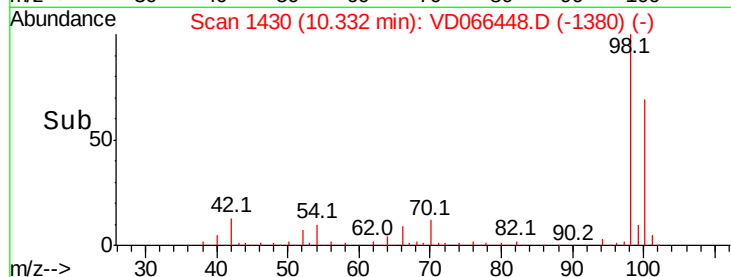
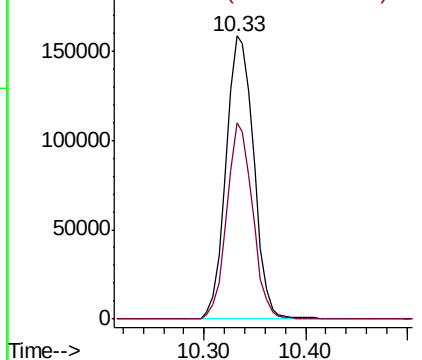
#50
Toluene-d8
Concen: 51.145 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066448.D
Acq: 27 Aug 2020 20:30

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP06-0006-01

Tot Ion: 98 Resp: 299545
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4

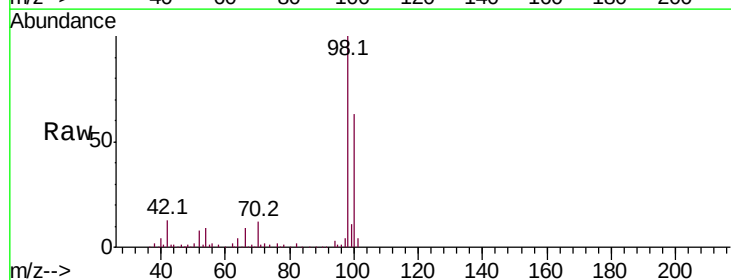


Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

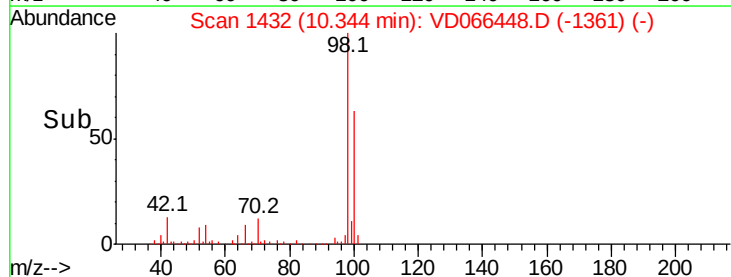
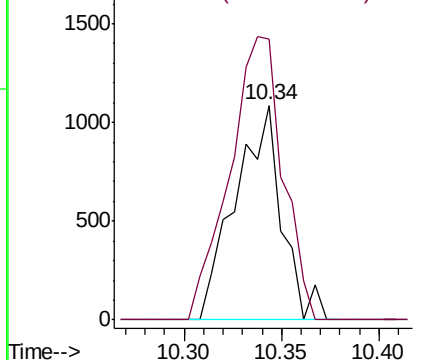


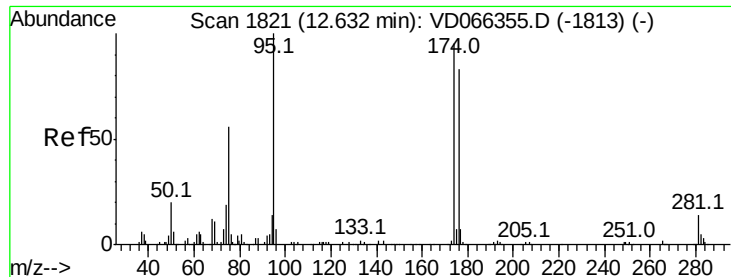
#51
4-Methyl-2-Pentanone
Concen: 2.326 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.12 min
Lab File: VD066448.D
Acq: 27 Aug 2020 20:30

Tgt Ion: 43 Resp: 1794
Ion Ratio Lower Upper
43 100
58 151.2 31.4 47.2#



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

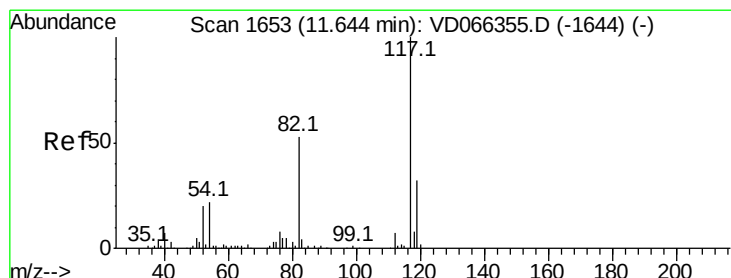
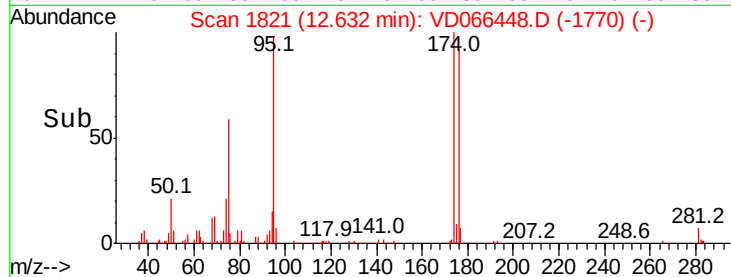
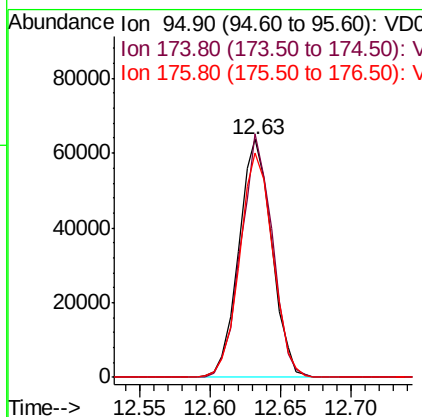
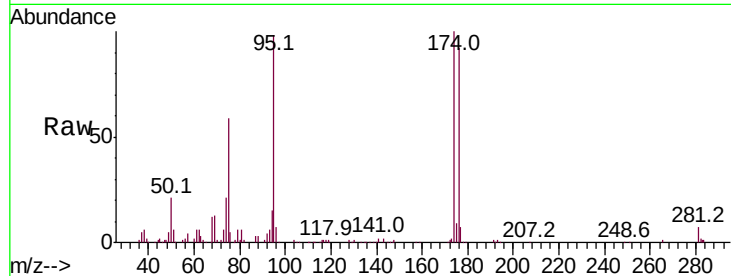




#62
4-Bromofluorobenzene
Concen: 50.126 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066448.D
Acq: 27 Aug 2020 20:30

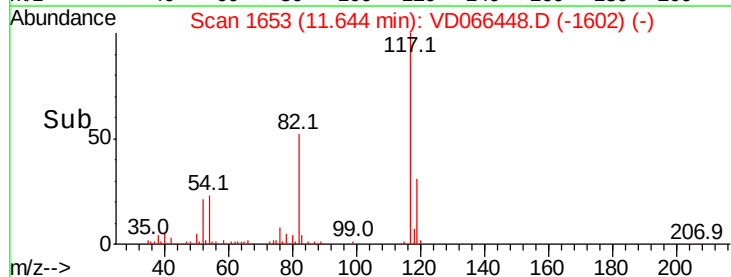
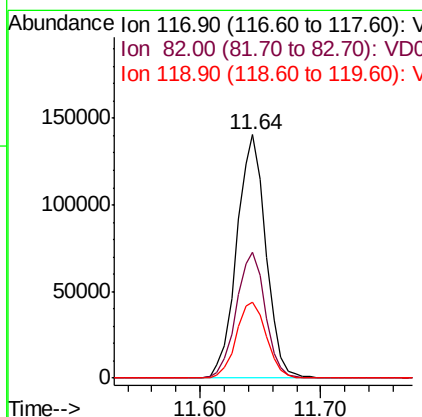
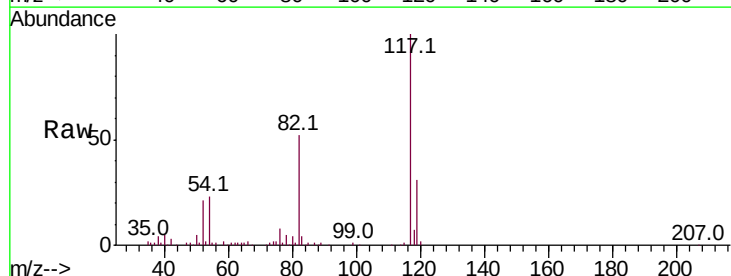
Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP06-0006-01

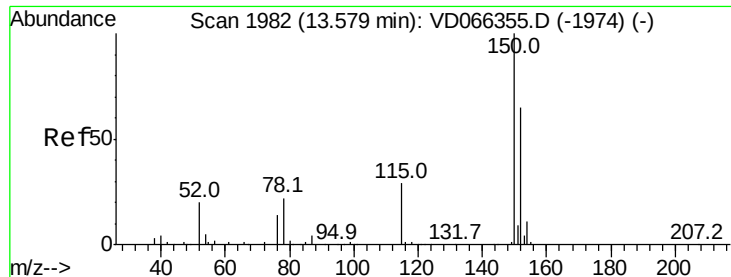
Tot Ion: 95 Resp: 104175
Ion Ratio Lower Upper
95 100
174 97.4 0.0 183.4
176 94.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066448.D
Acq: 27 Aug 2020 20:30

Tgt Ion: 117 Resp: 236483
Ion Ratio Lower Upper
117 100
82 51.8 42.8 64.2
119 31.4 25.8 38.8

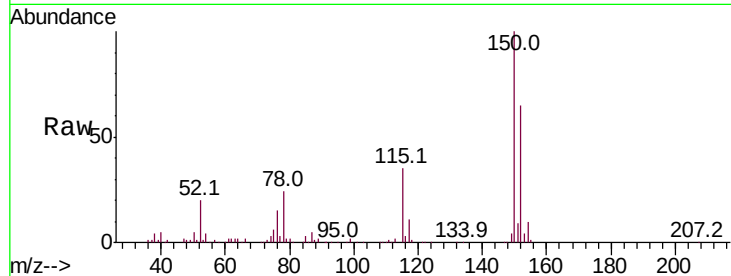




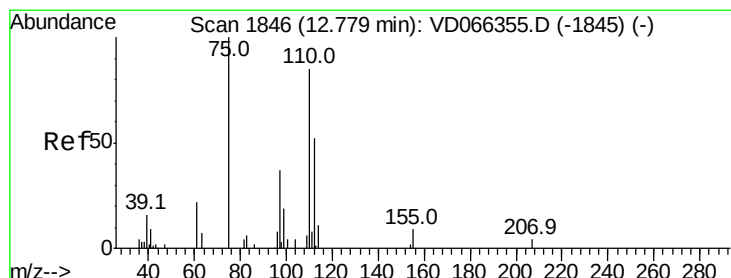
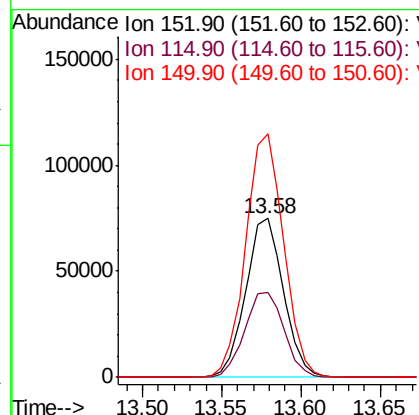
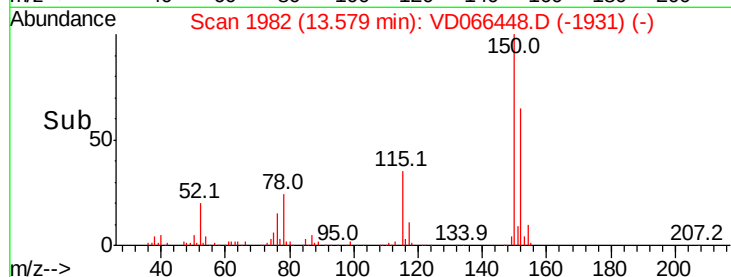
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VD066448.D
 Acq: 27 Aug 2020 20:30

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP06-0006-01

Tot Ion:152 Resp: 123784
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.3 85.0
 150 154.4 0.0 343.2

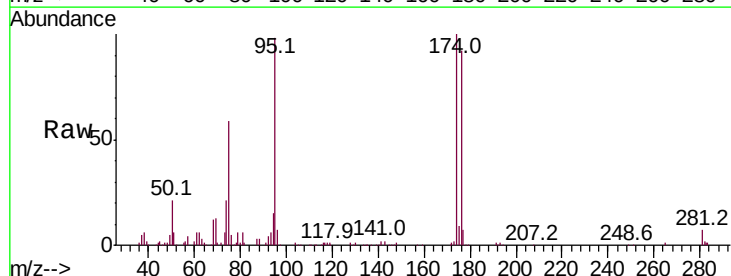


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

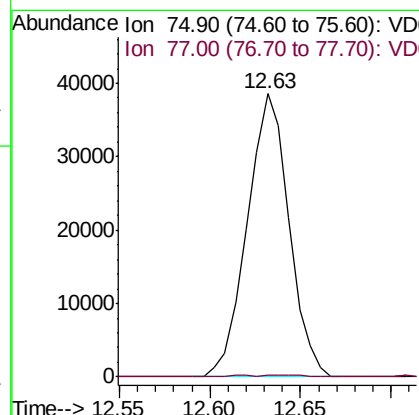
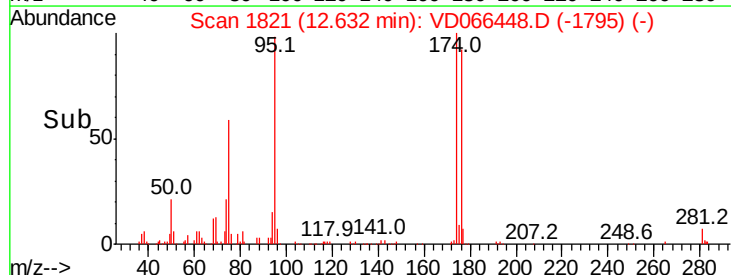


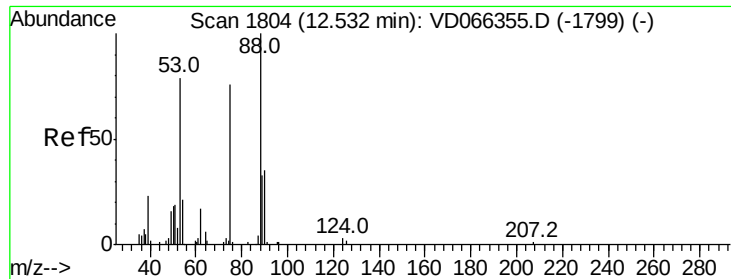
#76
 1,2,3-Trichloropropane
 Concen: 70.625 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066448.D
 Acq: 27 Aug 2020 20:30

Tgt Ion: 75 Resp: 61502
 Ion Ratio Lower Upper
 75 100
 77 0.5 182.9 548.9#



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: 149.914 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066448.D
 Acq: 27 Aug 2020 20:30

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP06-0006-01

Tot Ion: 75 Resp: 61502
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.4 131.2#
 89 0.0 39.4 59.0#

