

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066366.D
 Acq On : 21 Aug 2020 18:18
 Operator : VA/SY
 Sample : L3729-12
 Misc : 4.27G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-(2-3)

Quant Time: Aug 22 02:23:40 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	7.98	168	213119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	321610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	340100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	192376	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	106299	50.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.76%	
35) Dibromofluoromethane	7.91	113	99452	49.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.90%	
50) Toluene-d8	10.33	98	389016	52.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.63	95	157387	60.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	120.56%	

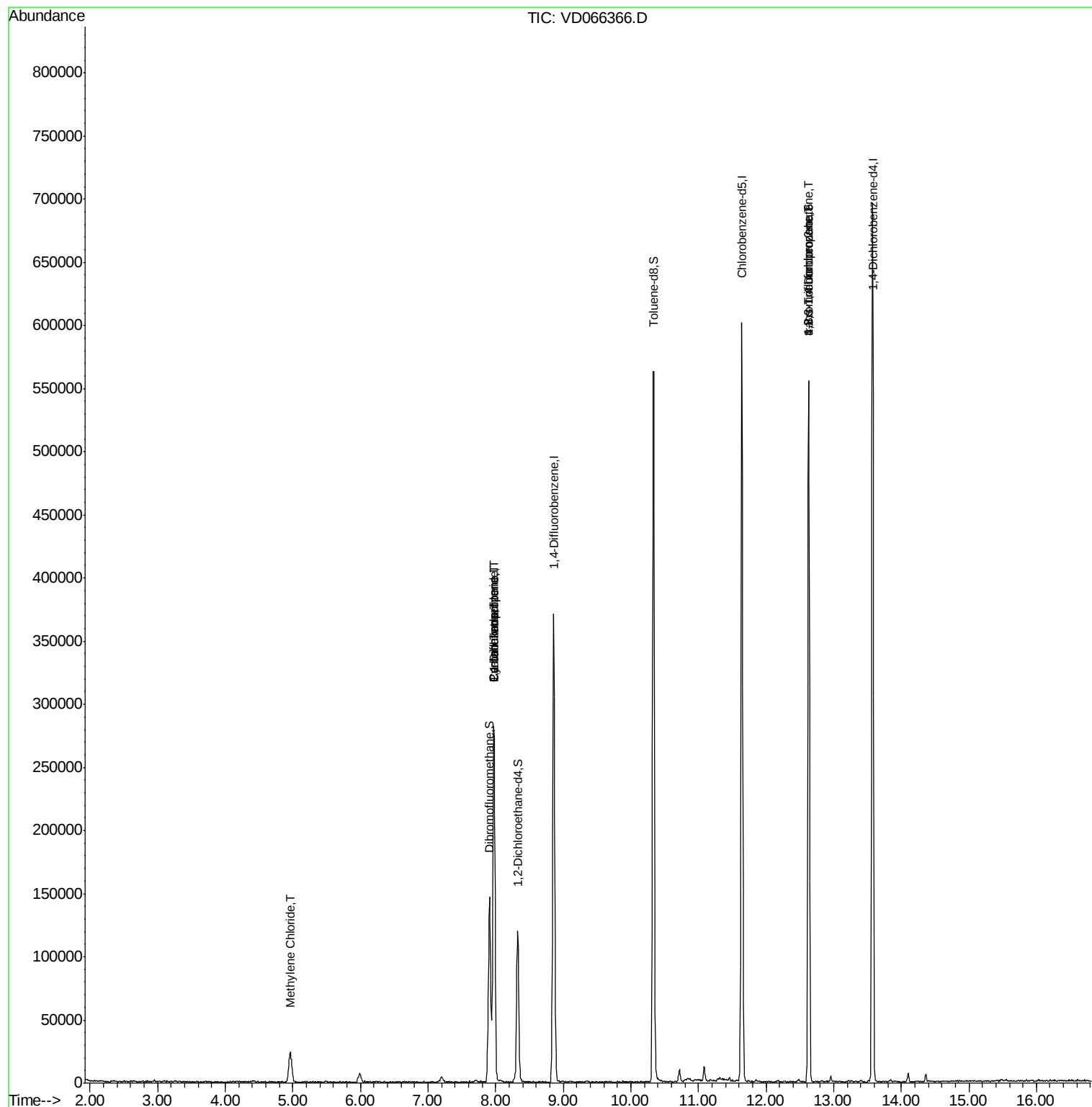
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	67	Below Cal	#	71
20) Methylene Chloride	4.96	84	19744	3.980	ug/l #	94
31) Cyclohexane	7.97	56	4686	1.615	ug/l #	49
36) 1,1-Dichloropropene	7.97	75	14834	5.055	ug/l #	51
38) Carbon Tetrachloride	7.97	117	22201	5.807	ug/l #	19
76) 1,2,3-Trichloropropane	12.63	75	91212	67.396	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	91212	143.060	ug/l #	6

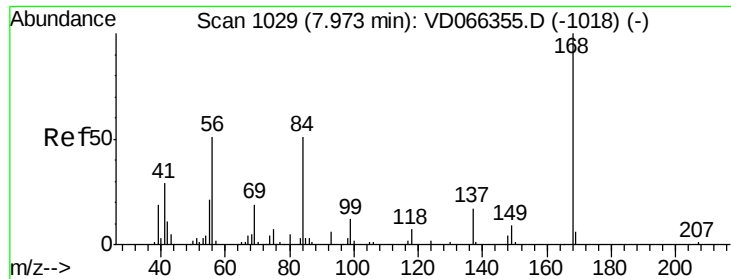
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066366.D

Acq: 21 Aug 2020 18:18

Instrument :

MSVOA_D

ClientSampleId :

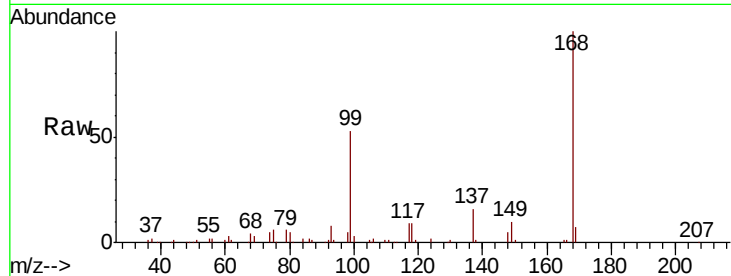
SB-3-(2-3)

Tot Ion:168 Resp: 213119

Ion Ratio Lower Upper

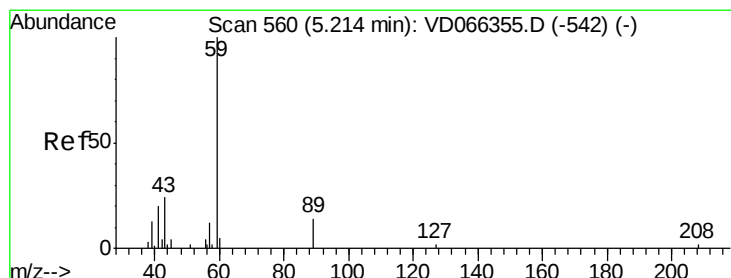
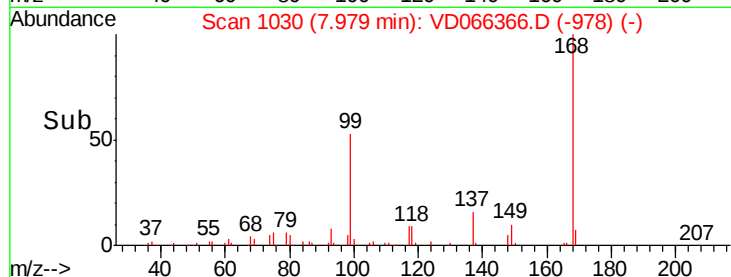
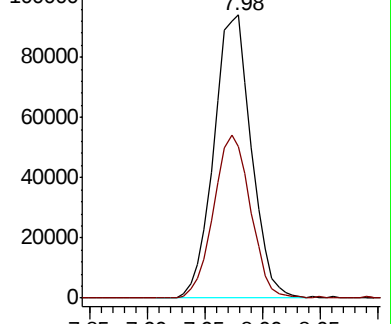
168 100

99 53.5 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: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD066366.D

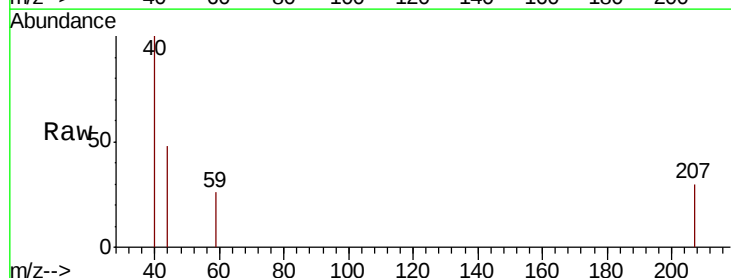
Acq: 21 Aug 2020 18:18

Tgt Ion: 59 Resp: 67

Ion Ratio Lower Upper

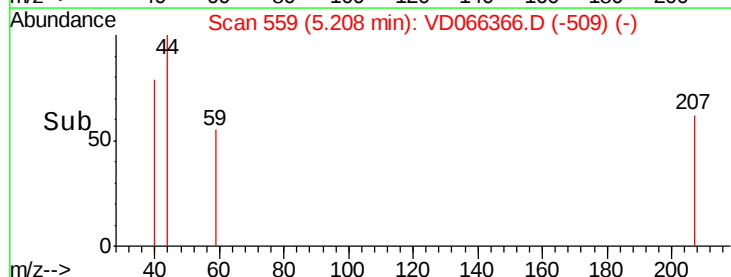
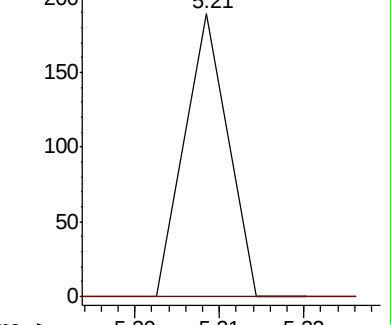
59 100

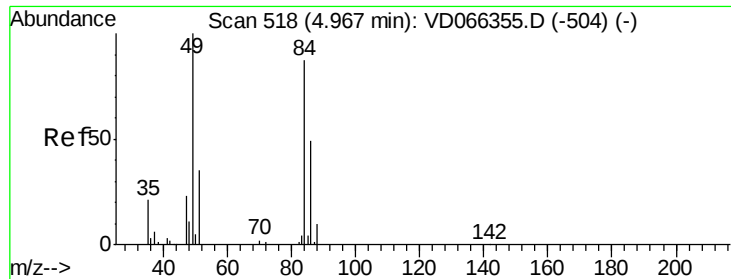
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

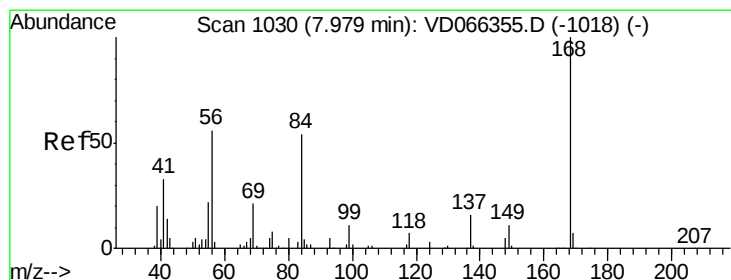
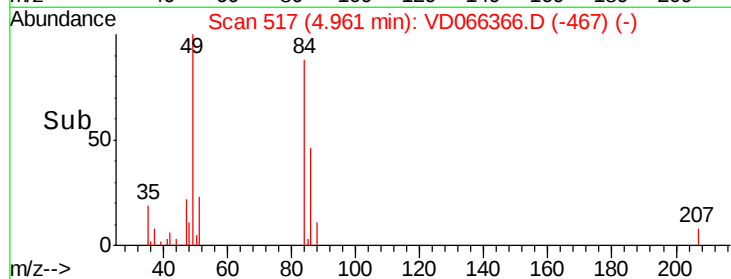
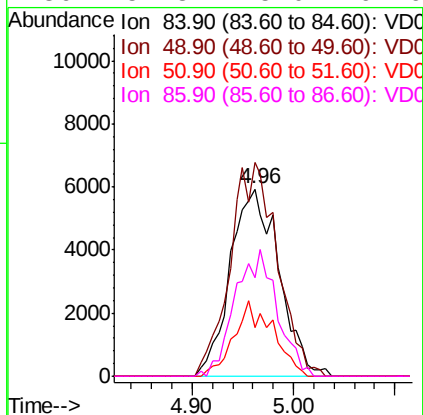
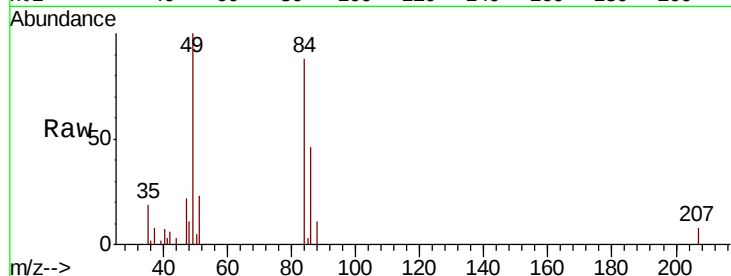




#20
Methvlene Chloride
Concen: 3.980 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066366.D
Acq: 21 Aug 2020 18:18

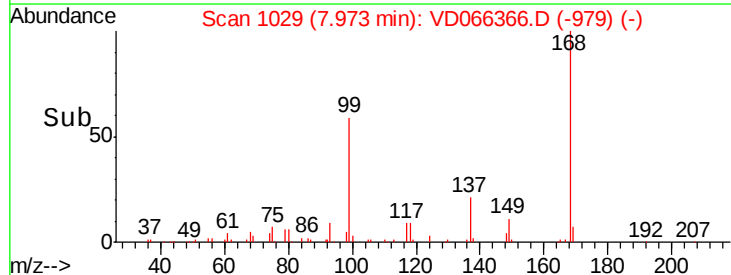
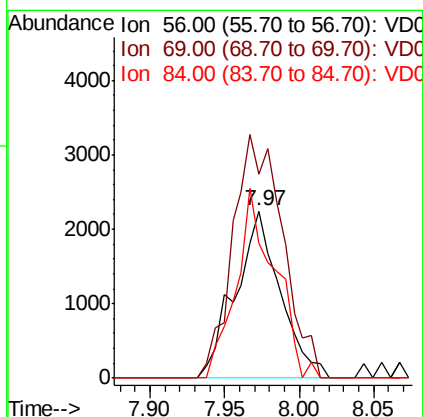
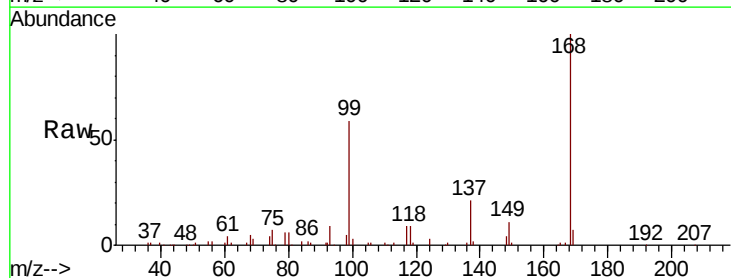
Instrument :
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ClientSampleId :
SB-3-(2-3)

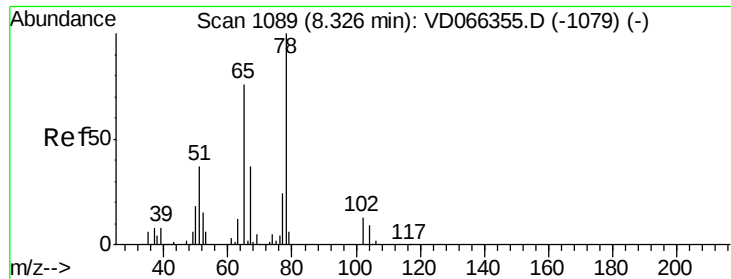
Tot Ion:	84	Resp:	19744
Ion	Ratio	Lower	Upper
84	100		
49	114.1	92.5	138.7
51	26.2	32.5	48.7#
86	52.8	45.0	67.6



#31
Cyclohexane
Concen: 1.615 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066366.D
Acq: 21 Aug 2020 18:18

Tgt Ion:	56	Resp:	4686
Ion	Ratio	Lower	Upper
56	100		
69	122.4	29.6	44.4#
84	80.7	76.6	115.0

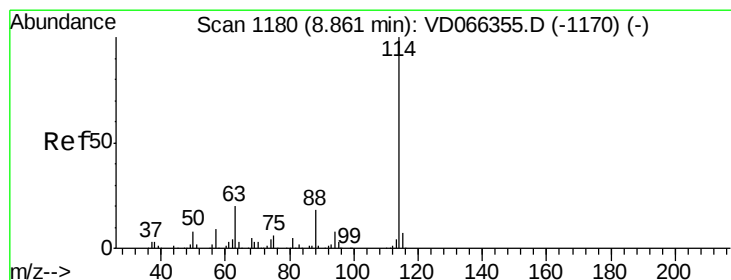
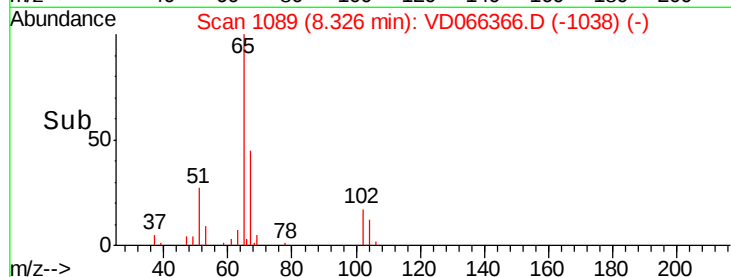
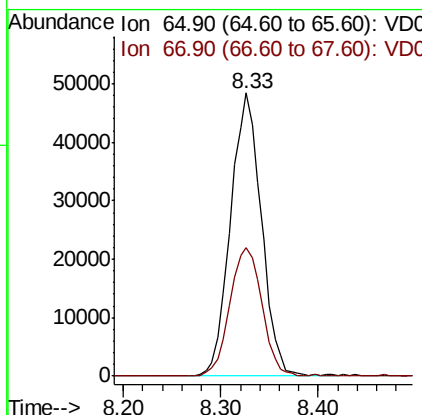
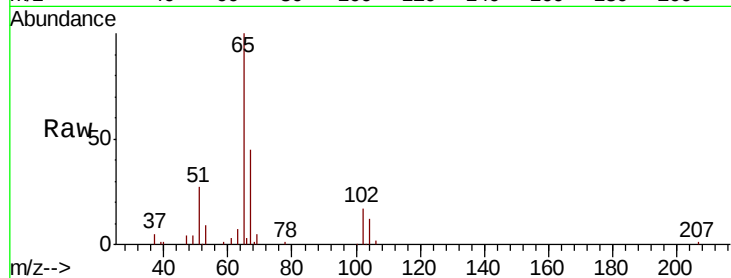




#33
 1,2-Dichloroethane-d4
 Concen: 50.875 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066366.D
 Acq: 21 Aug 2020 18:18

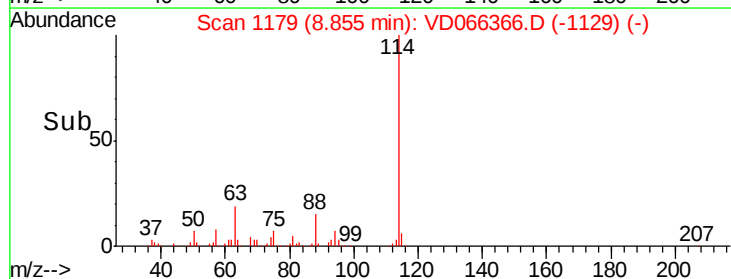
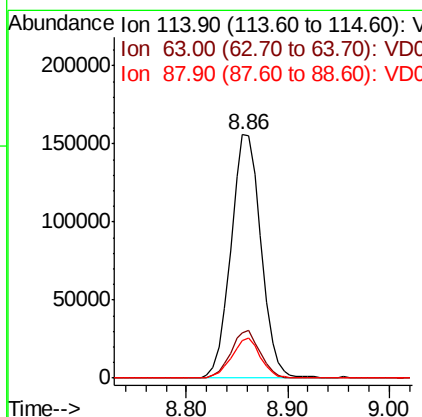
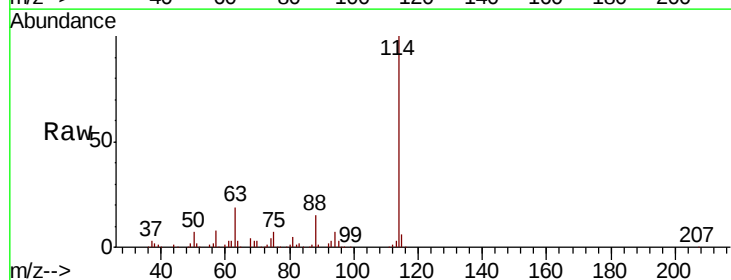
Instrument :
 MSVOA_D
 ClientSampled :
 SB-3-(2-3)

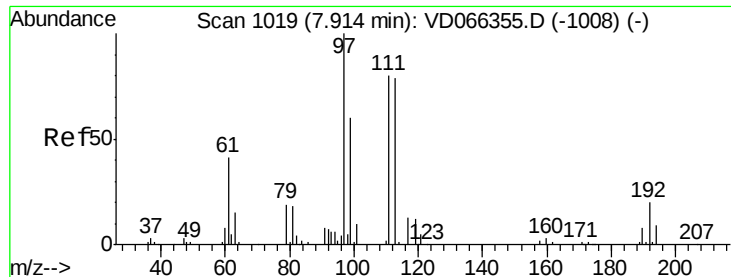
Tot Ion: 65 Resp: 106299
 Ion Ratio Lower Upper
 65 100
 67 47.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066366.D
 Acq: 21 Aug 2020 18:18

Tgt Ion: 114 Resp: 321610
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.8
 88 15.3 0.0 35.4

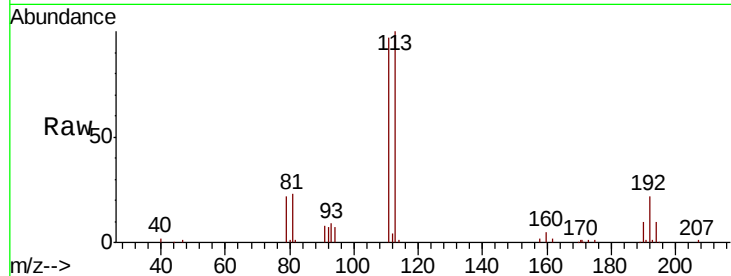




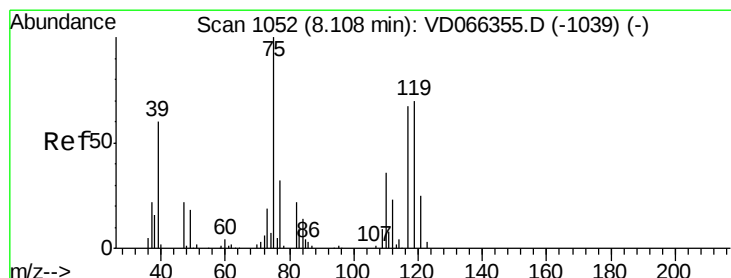
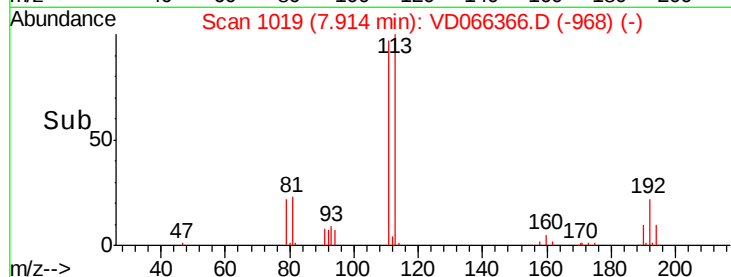
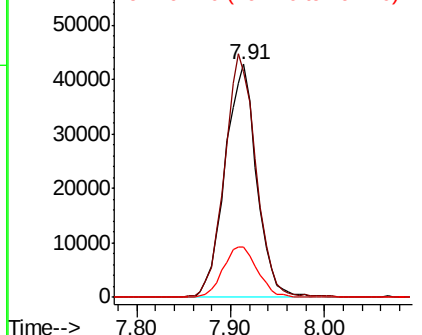
#35
 Dibromofluoromethane
 Concen: 49.453 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066366.D
 Acq: 21 Aug 2020 18:18

Instrument :
 MSVOA_D
 ClientSampleID :
 SB-3-(2-3)

Tot Ion:113 Resp: 99452
 Ion Ratio Lower Upper
 113 100
 111 104.5 80.3 120.5
 192 23.5 19.0 28.6

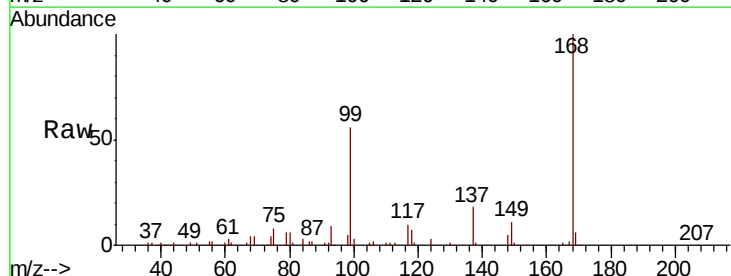


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

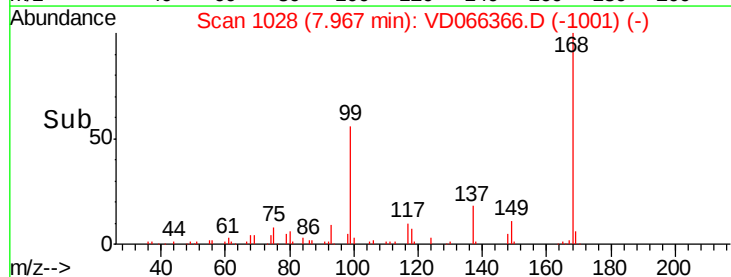
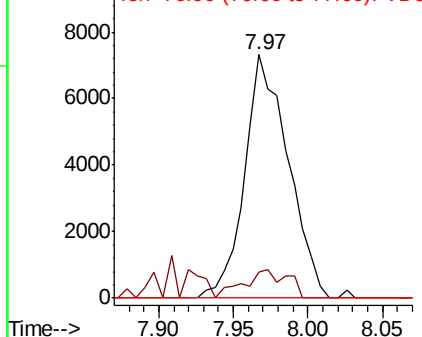


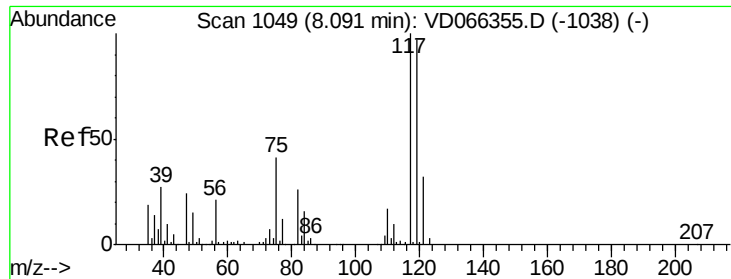
#36
 1,1-Dichloropropene
 Concen: 5.055 ug/l
 RT: 7.97 min Scan# 1028
 Delta R.T. -0.14 min
 Lab File: VD066366.D
 Acq: 21 Aug 2020 18:18

Tgt Ion: 75 Resp: 14834
 Ion Ratio Lower Upper
 75 100
 110 11.8 18.7 56.1#
 77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

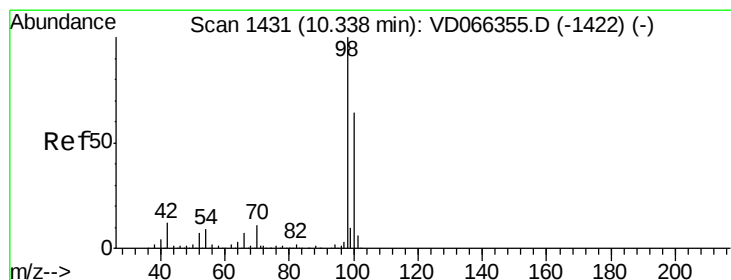
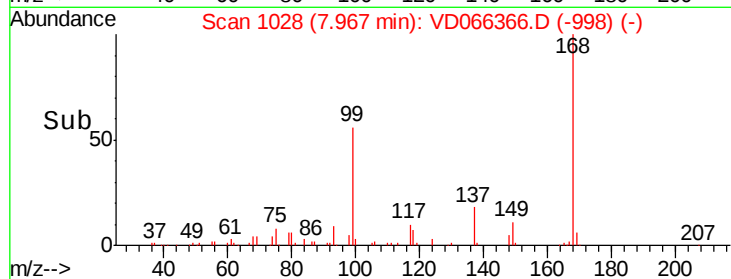
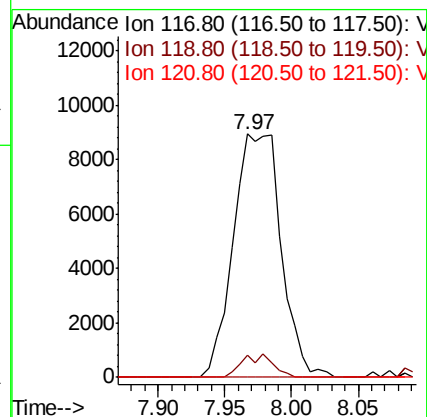
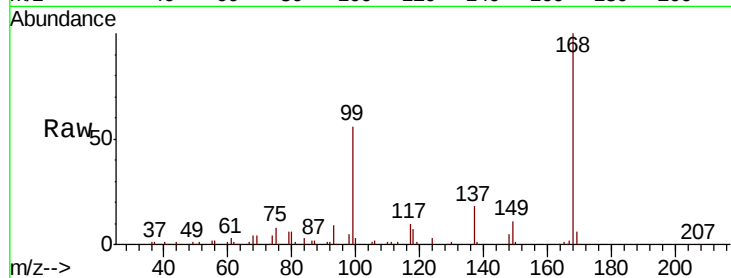




#38
Carbon Tetrachloride
Concen: 5.807 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.12 min
Lab File: VD066366.D
Acq: 21 Aug 2020 18:18

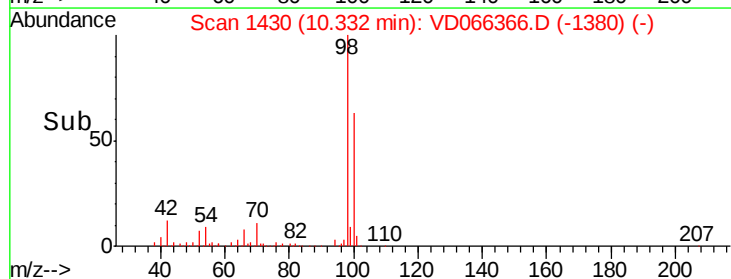
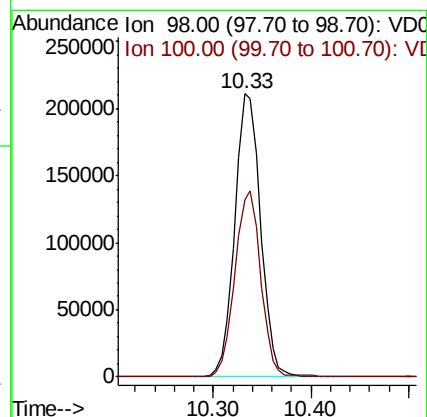
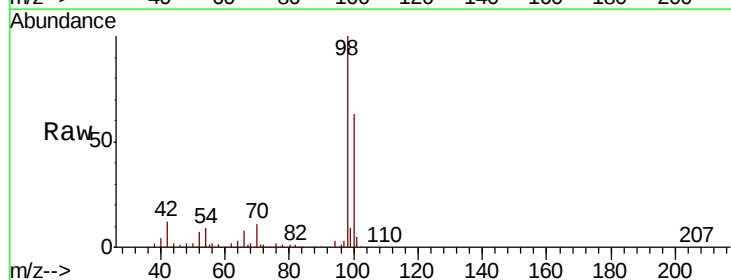
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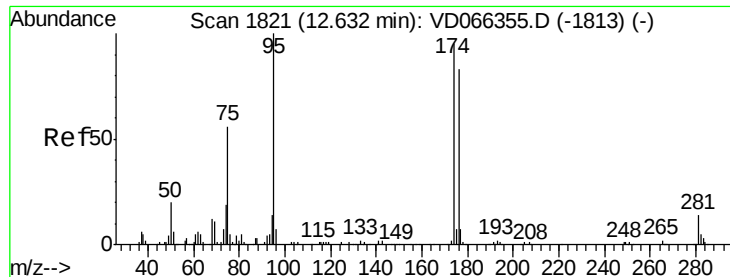
Tot Ion:117 Resp: 22201
Ion Ratio Lower Upper
117 100
119 9.3 77.2 115.8#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 52.869 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066366.D
Acq: 21 Aug 2020 18:18

Tgt Ion: 98 Resp: 389016
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4

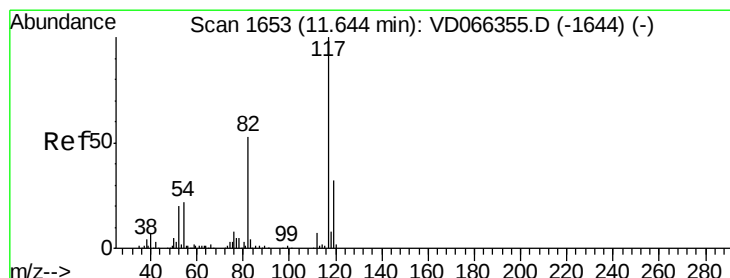
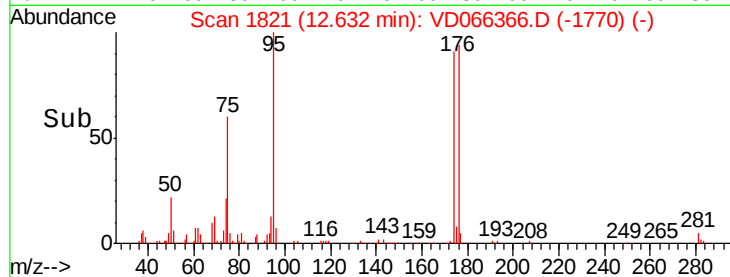
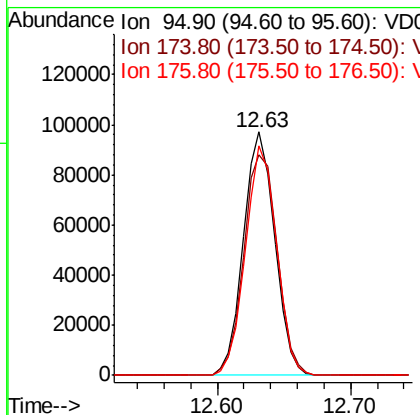
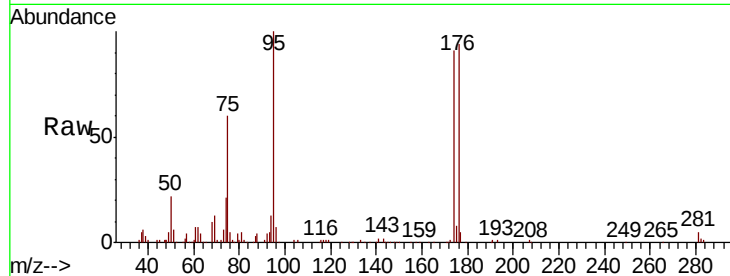




#62
4-Bromofluorobenzene
Concen: 60.279 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066366.D
Acq: 21 Aug 2020 18:18

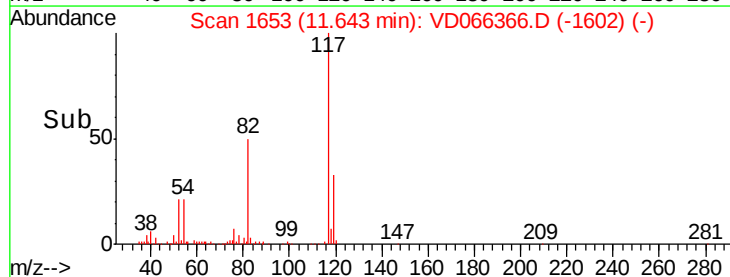
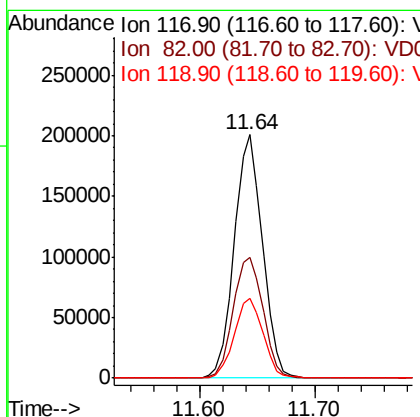
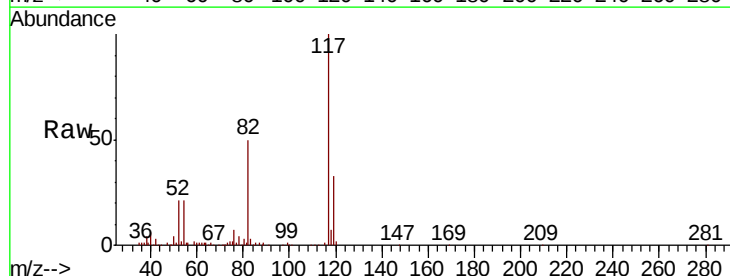
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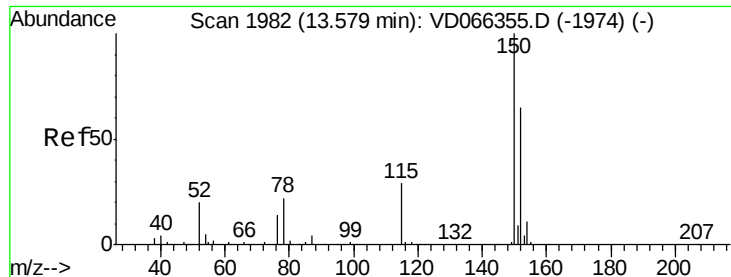
Tot Ion	Ratio	Lower	Upper
95	100		
174	97.0	0.0	183.4
176	93.6	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066366.D
Acq: 21 Aug 2020 18:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.8	64.2
119	32.7	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: VD066366.D

Acq: 21 Aug 2020 18:18

Instrument :

MSVOA_D

ClientSampleId :

SB-3-(2-3)

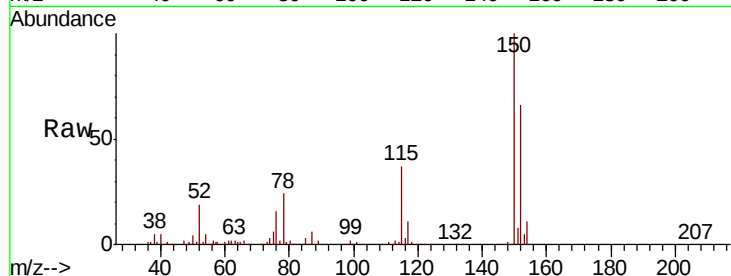
Tot Ion:152 Resp: 192376

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

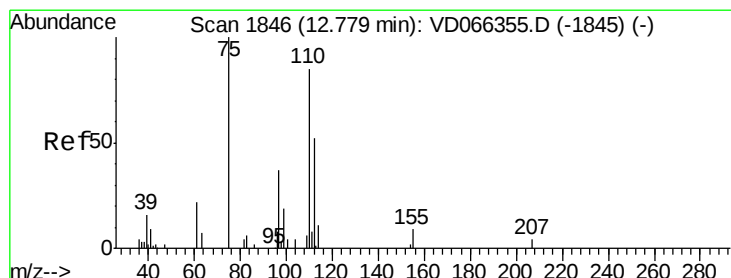
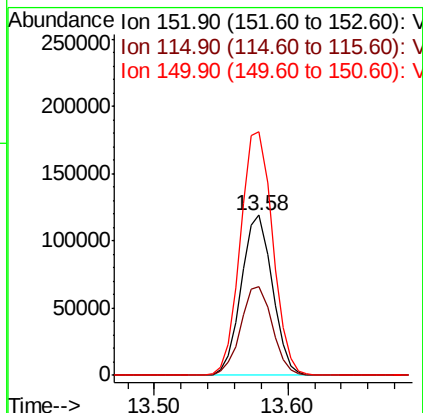
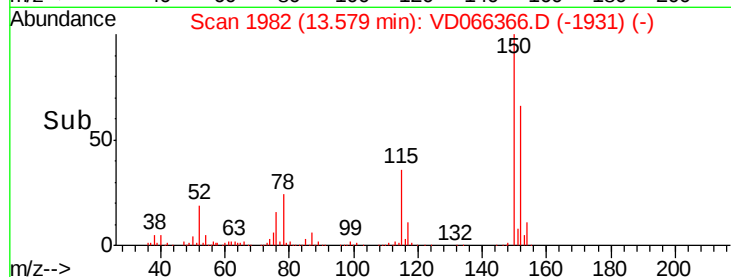
150 157.4 0.0 343.2



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: 67.396 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066366.D

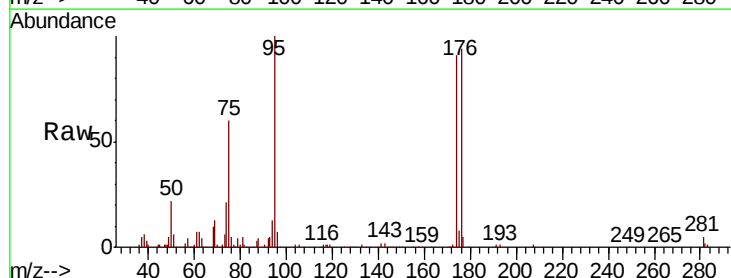
Acq: 21 Aug 2020 18:18

Tgt Ion: 75 Resp: 91212

Ion Ratio Lower Upper

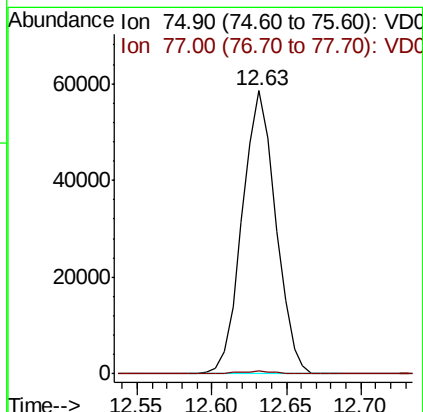
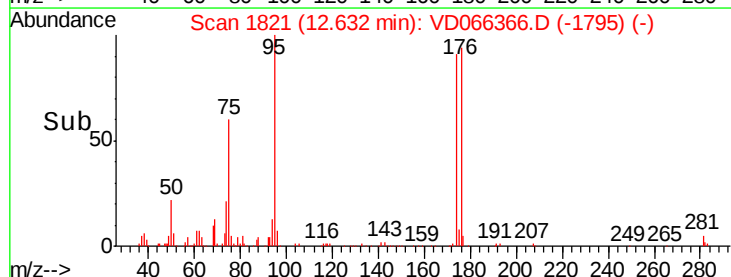
75 100

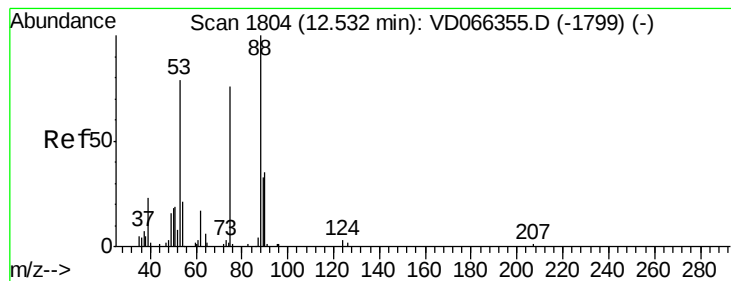
77 1.0 182.9 548.9#



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: 143.060 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066366.D

Acq: 21 Aug 2020 18:18

Instrument :

MSVOA_D

ClientSampleId :

SB-3-(2-3)

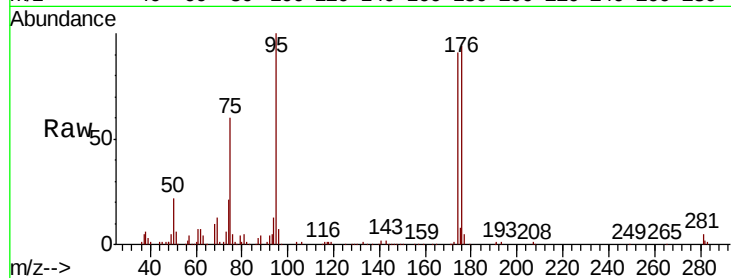
Tot Ion: 75 Resp: 91212

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.3 39.4 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

