

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066444.D
 Acq On : 27 Aug 2020 18:38
 Operator : VA/SY
 Sample : L3823-04
 Misc : 6.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP05-0612-01

Quant Time: Aug 28 01:49:24 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	182292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	256911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	243377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	128013	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	102719	57.48	ug/l	0.00
Spiked Amount			Recovery	=	114.96%	
35) Dibromofluoromethane	7.91	113	82030	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
50) Toluene-d8	10.33	98	305819	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.63	95	107173	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	

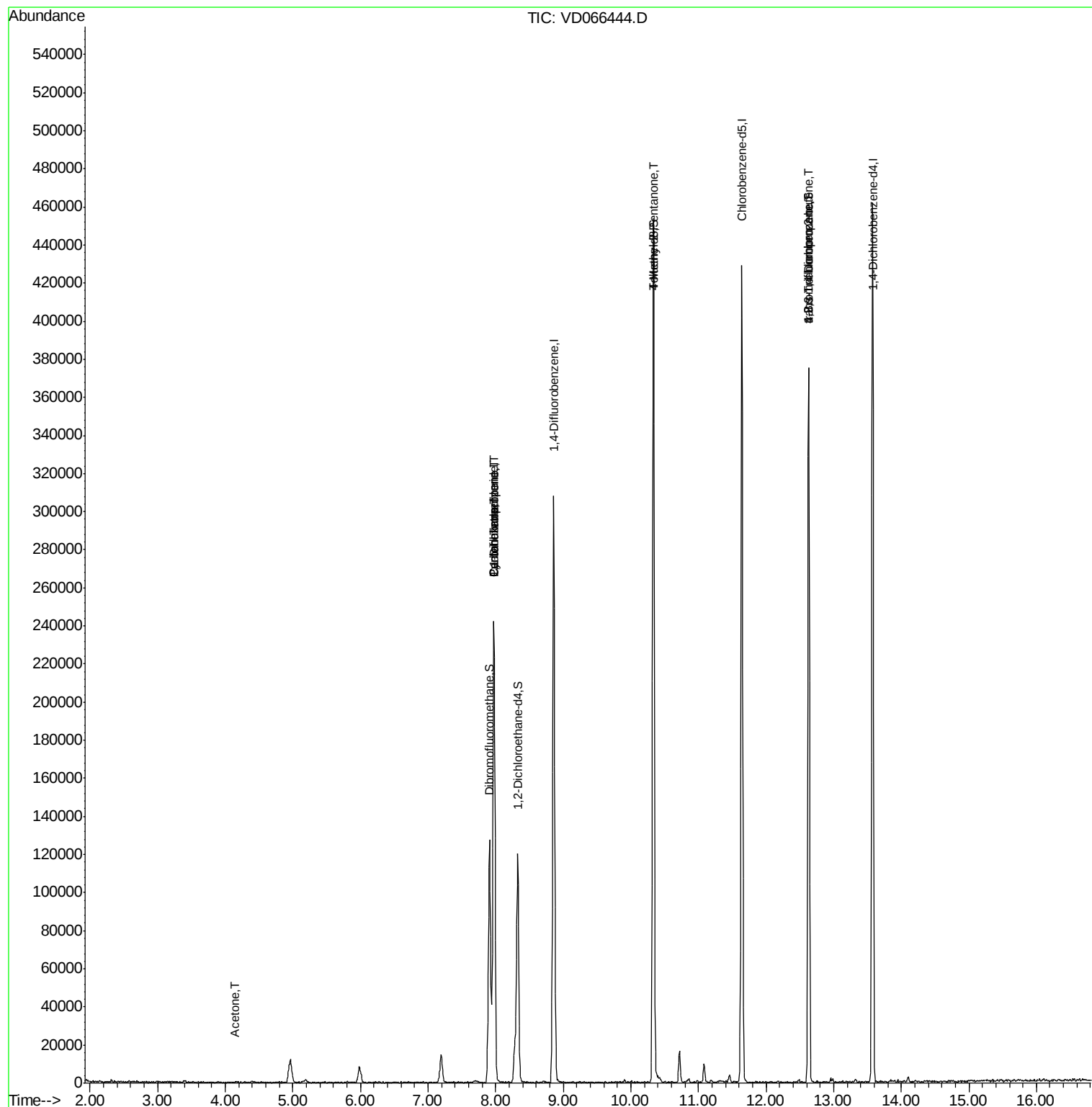
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	421	Below Cal	#	71
16) Acetone	4.15	43	408	1.266	ug/l #	46
20) Methylene Chloride	4.96	84	9626	Below Cal	#	88
31) Cyclohexane	7.97	56	3780	1.523	ug/l #	25
36) 1,1-Dichloropropene	7.97	75	12979	5.537	ug/l #	50
38) Carbon Tetrachloride	7.97	117	19755	6.468	ug/l #	15
51) 4-Methyl-2-Pentanone	10.33	43	1442	1.863	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	61739	68.555	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	61739	145.520	ug/l #	6

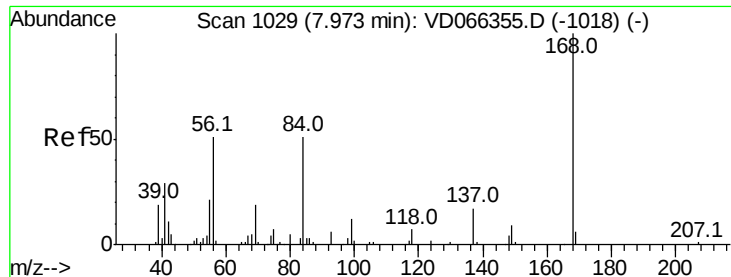
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066444.D

Acq: 27 Aug 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

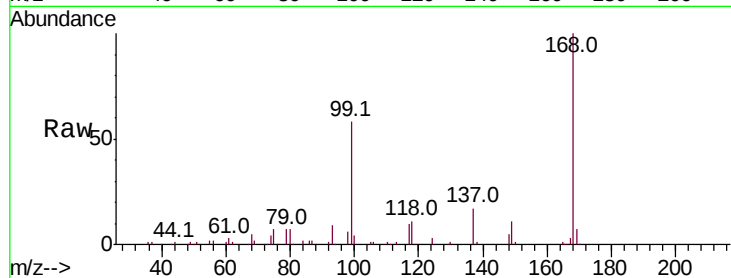
789UMR-TP05-0612-01

Tot Ion:168 Resp: 182292

Ion Ratio Lower Upper

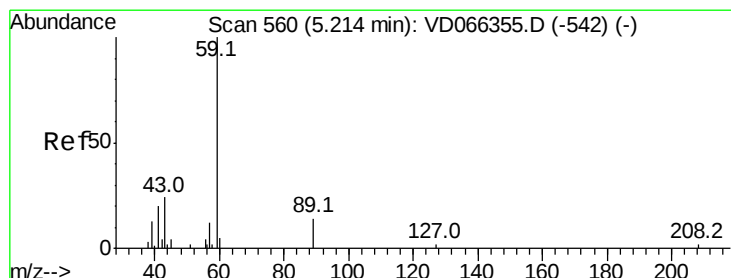
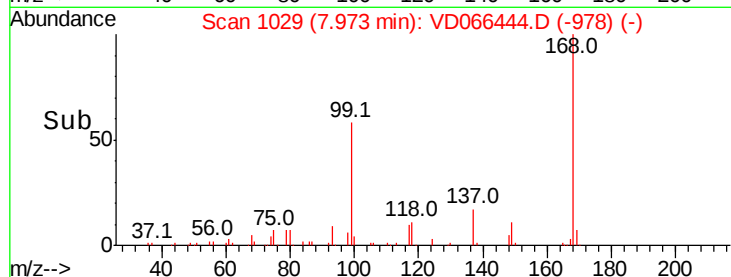
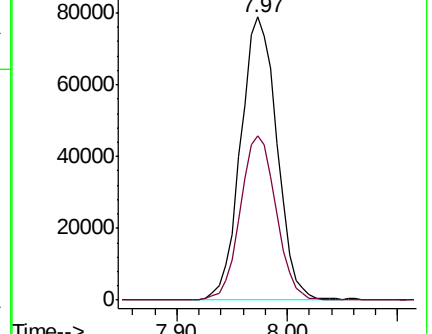
168 100

99 57.8 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: 5.19 min Scan# 556

Delta R.T. -0.02 min

Lab File: VD066444.D

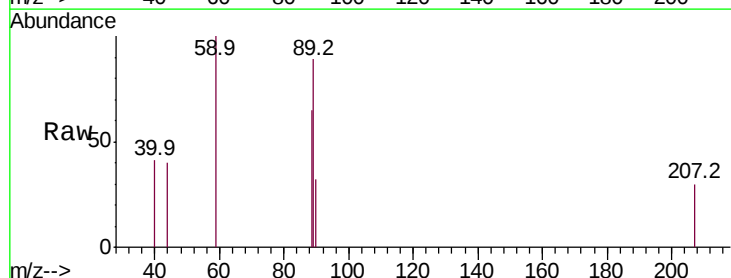
Acq: 27 Aug 2020 18:38

Tgt Ion: 59 Resp: 421

Ion Ratio Lower Upper

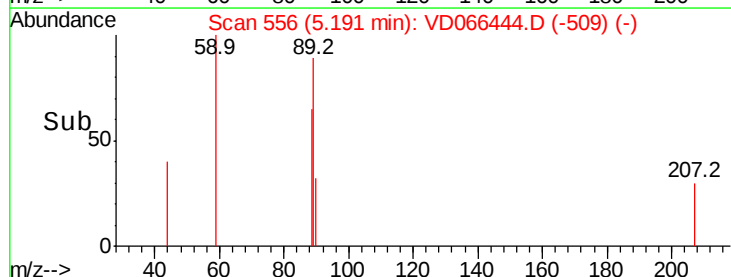
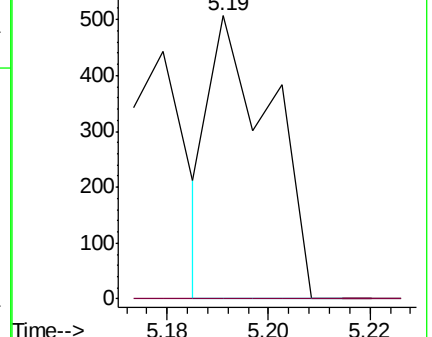
59 100

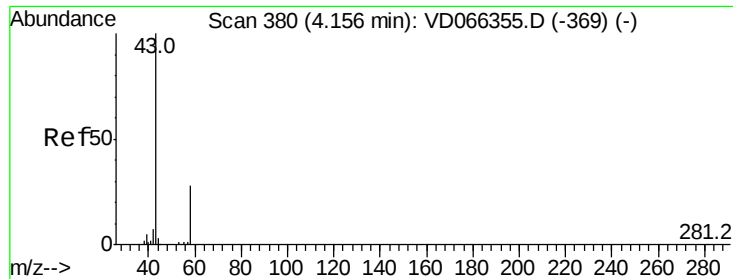
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 1.266 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066444.D

Acq: 27 Aug 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

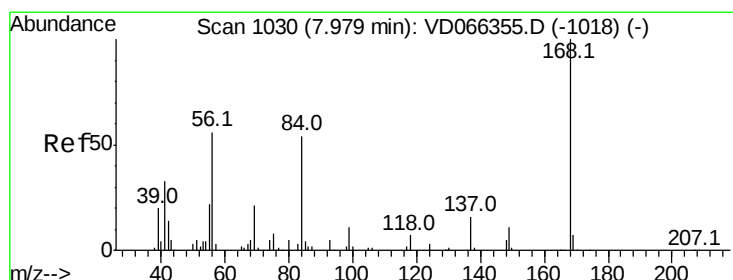
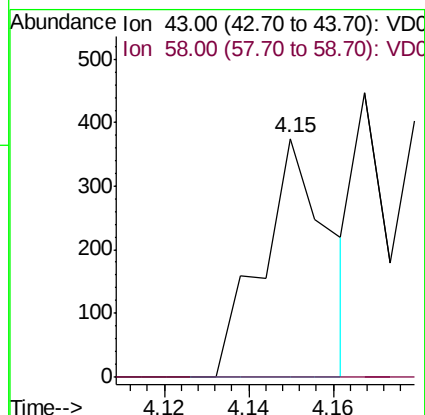
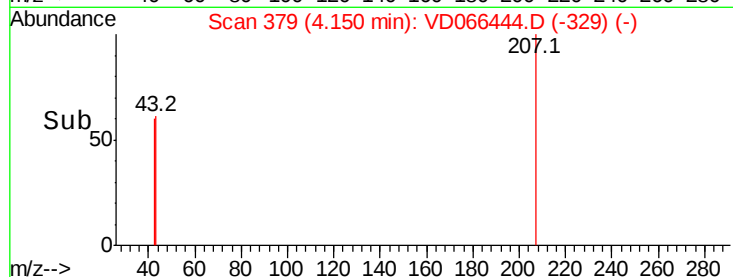
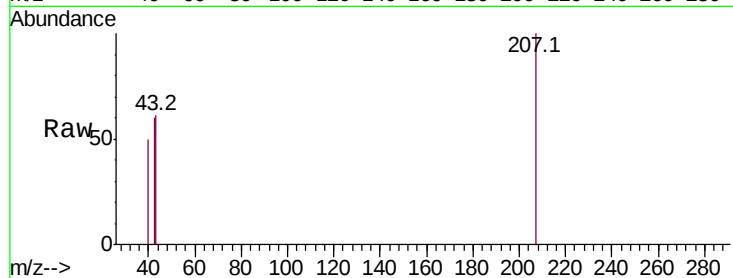
789UMR-TP05-0612-01

Tot Ion: 43 Resp: 408

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#



#31

Cyclohexane

Concen: 1.523 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VD066444.D

Acq: 27 Aug 2020 18:38

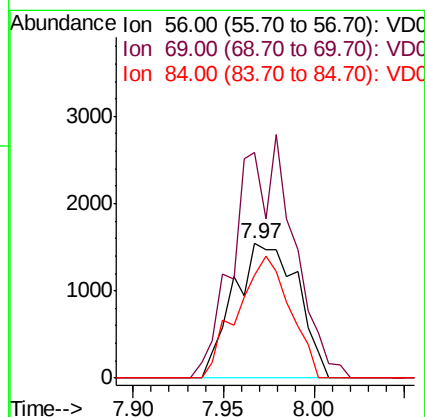
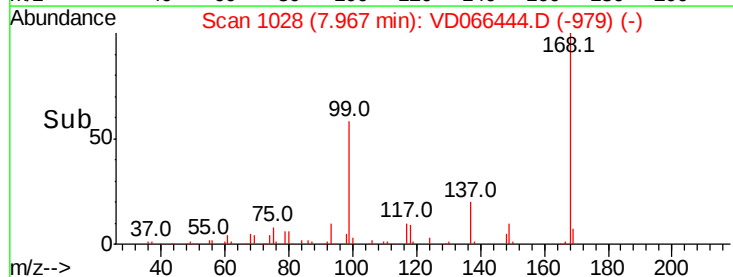
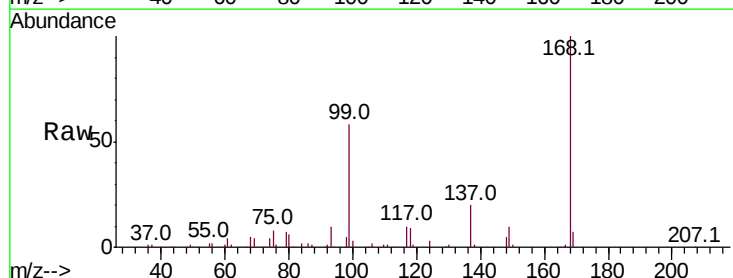
Tgt Ion: 56 Resp: 3780

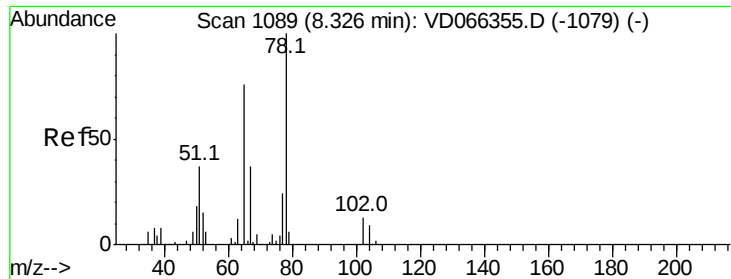
Ion Ratio Lower Upper

56 100

69 168.5 29.6 44.4#

84 77.0 76.6 115.0

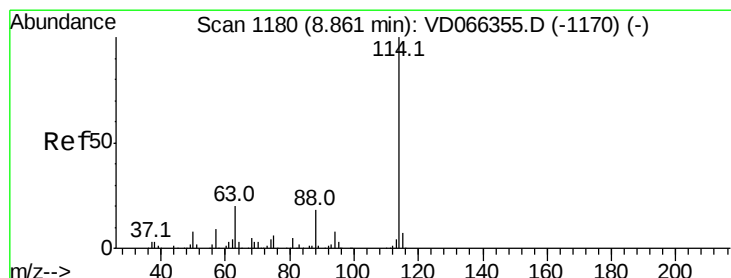
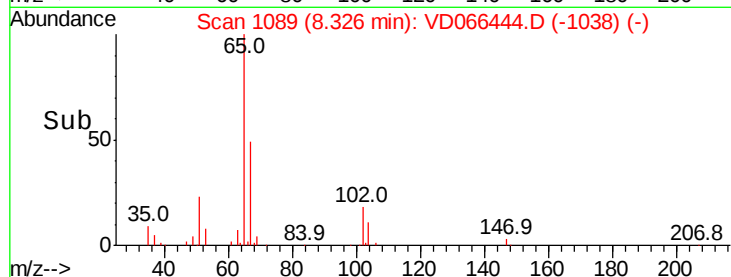
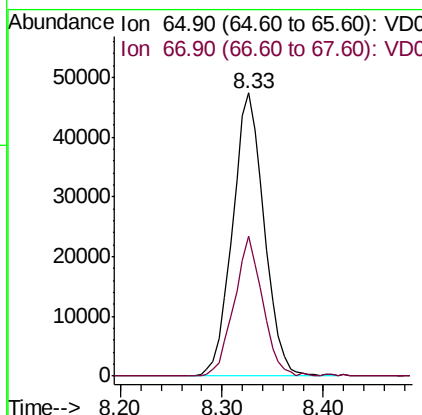
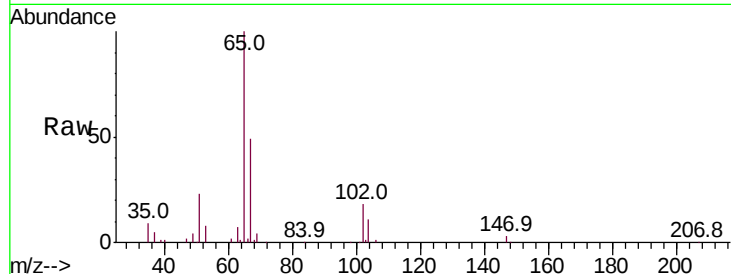




#33
 1,2-Dichloroethane-d4
 Concen: 57.475 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066444.D
 Acq: 27 Aug 2020 18:38

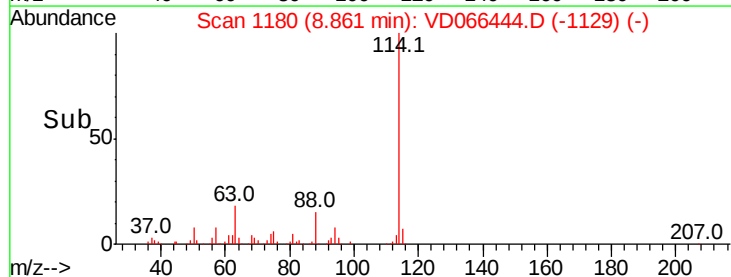
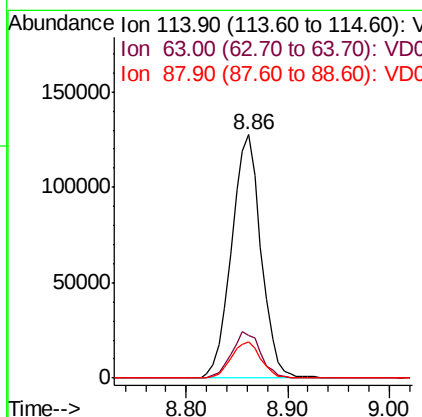
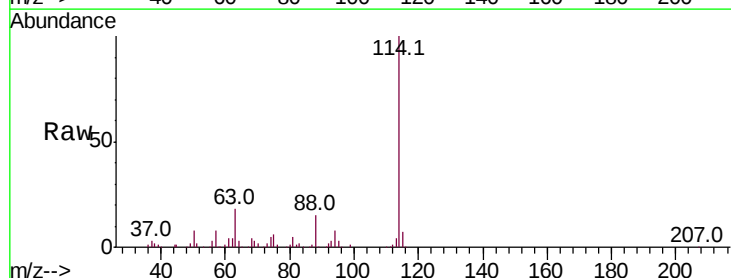
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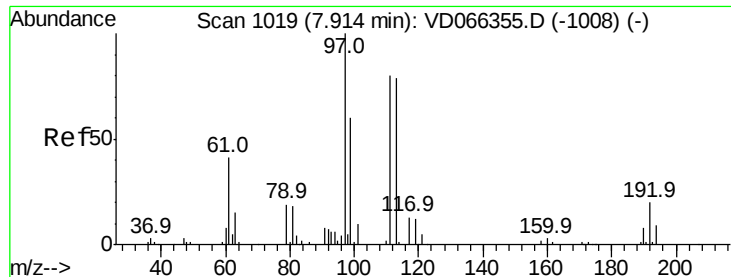
Tot Ion: 65 Resp: 102719
 Ion Ratio Lower Upper
 65 100
 67 44.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066444.D
 Acq: 27 Aug 2020 18:38

Tgt Ion: 114 Resp: 256911
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 40.8
 88 15.1 0.0 35.4

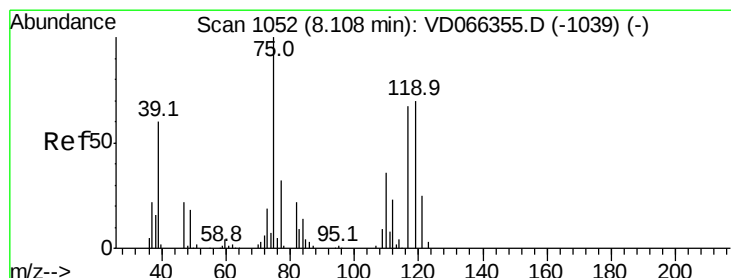
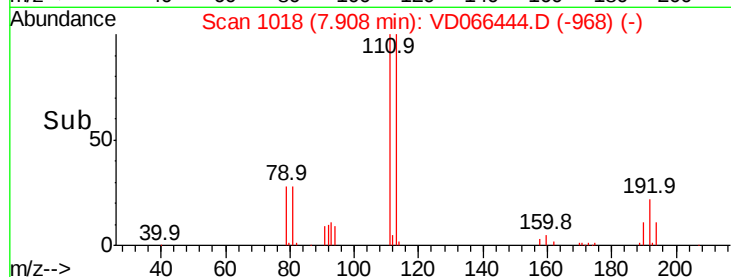
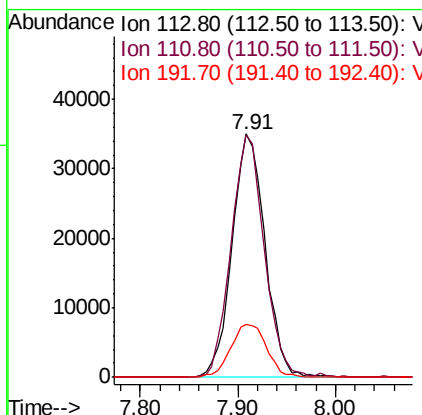
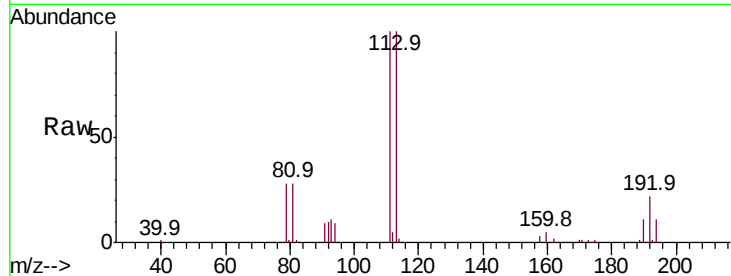




#35
 Dibromofluoromethane
 Concen: 51.062 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066444.D
 Acq: 27 Aug 2020 18:38

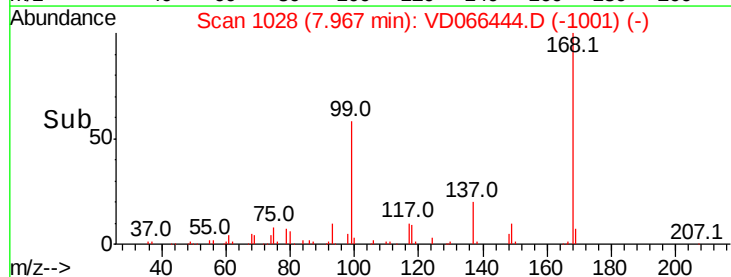
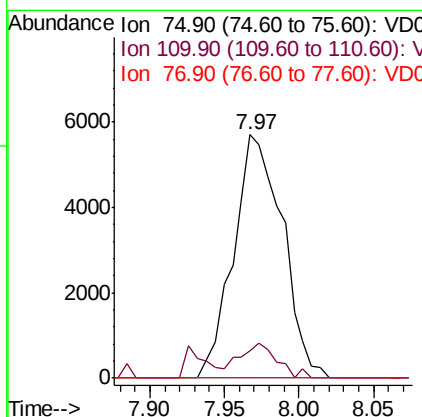
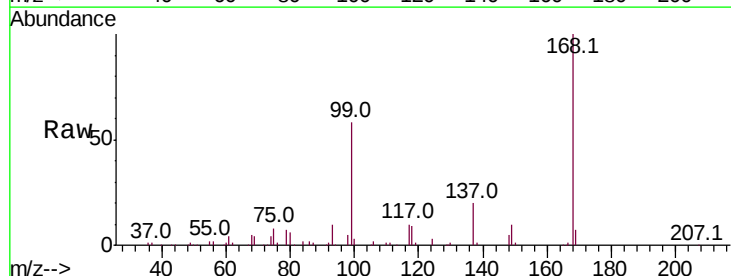
Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP05-0612-01

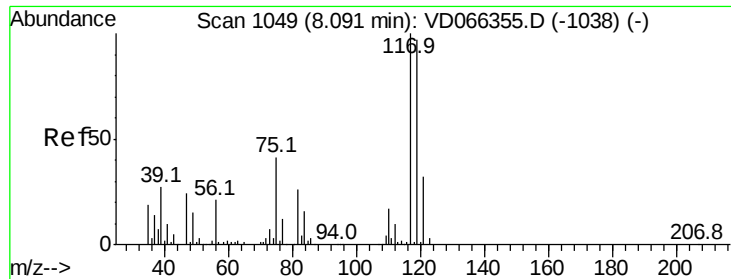
Tot Ion:113 Resp: 82030
 Ion Ratio Lower Upper
 113 100
 111 100.4 80.3 120.5
 192 23.7 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 5.537 ug/l
 RT: 7.97 min Scan# 1028
 Delta R.T. -0.14 min
 Lab File: VD066444.D
 Acq: 27 Aug 2020 18:38

Tgt Ion: 75 Resp: 12979
 Ion Ratio Lower Upper
 75 100
 110 11.0 18.7 56.1#
 77 0.0 25.2 37.8#

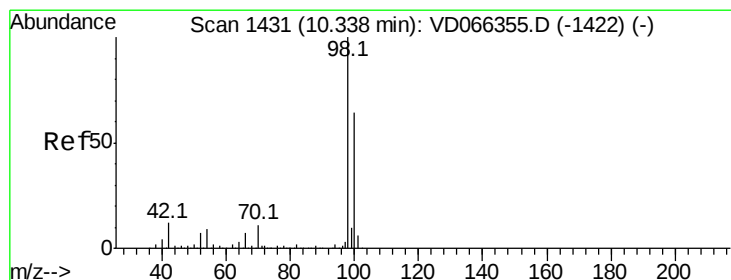
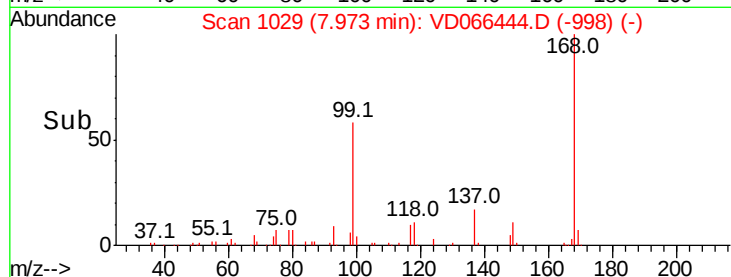
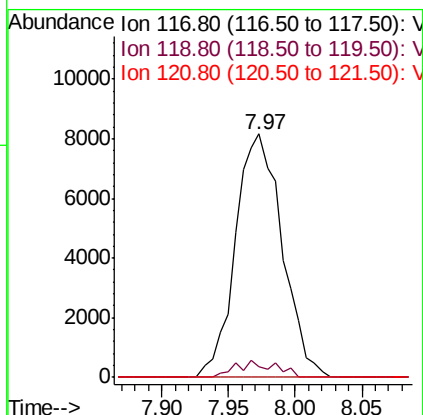
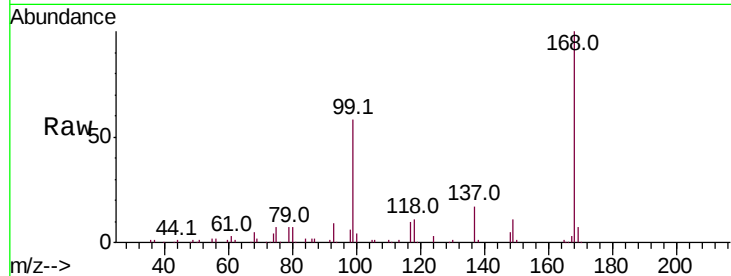




#38
Carbon Tetrachloride
Concen: 6.468 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066444.D
Acq: 27 Aug 2020 18:38

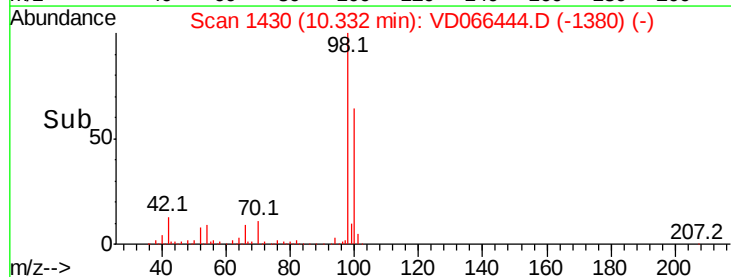
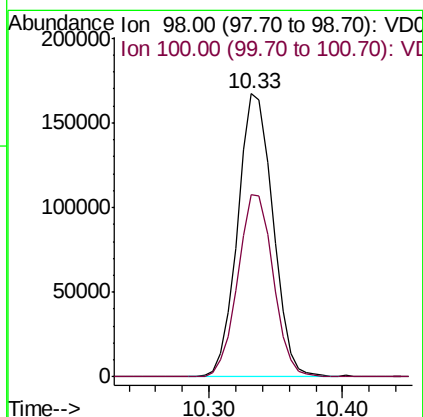
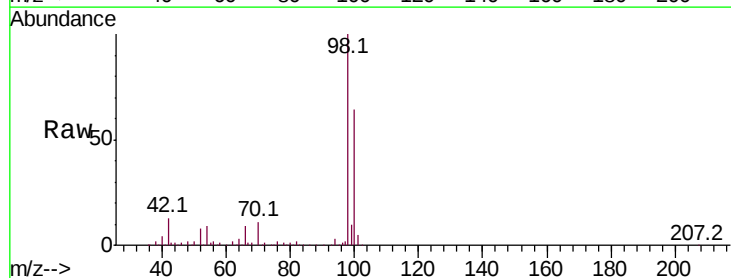
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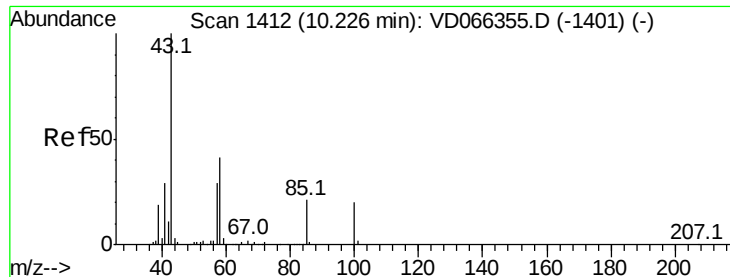
Tot Ion:117 Resp: 19755
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 52.028 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066444.D
Acq: 27 Aug 2020 18:38

Tgt Ion: 98 Resp: 305819
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 1.863 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.11 min

Lab File: VD066444.D

Acq: 27 Aug 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

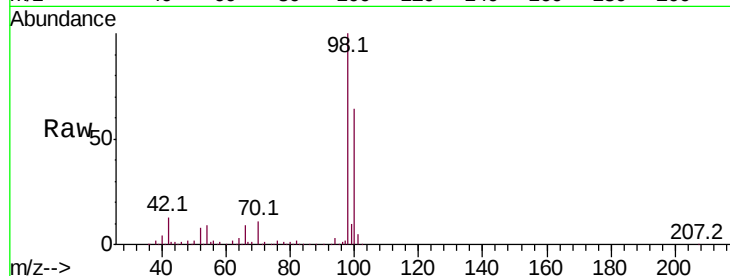
789UMR-TP05-0612-01

Tot Ion: 43 Resp: 1442

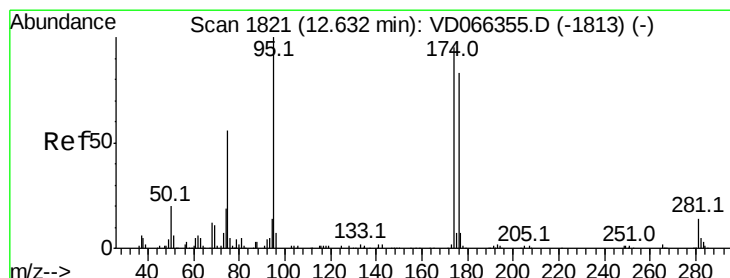
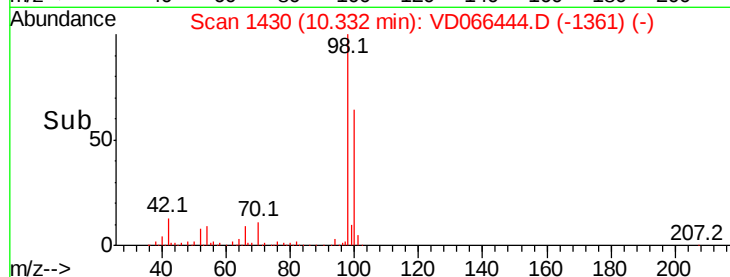
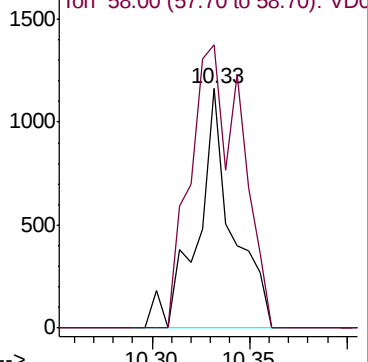
Ion Ratio Lower Upper

43 100

58 171.6 31.4 47.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC



#62

4-Bromofluorobenzene

Concen: 51.384 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066444.D

Acq: 27 Aug 2020 18:38

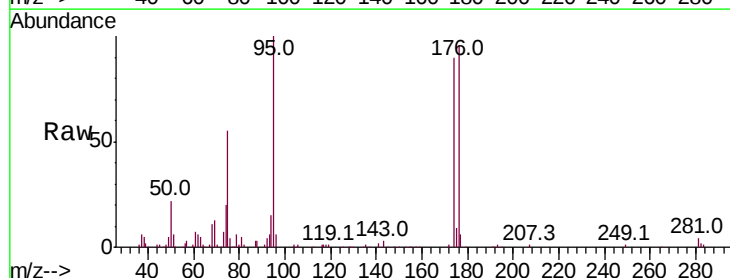
Tgt Ion: 95 Resp: 107173

Ion Ratio Lower Upper

95 100

174 94.0 0.0 183.4

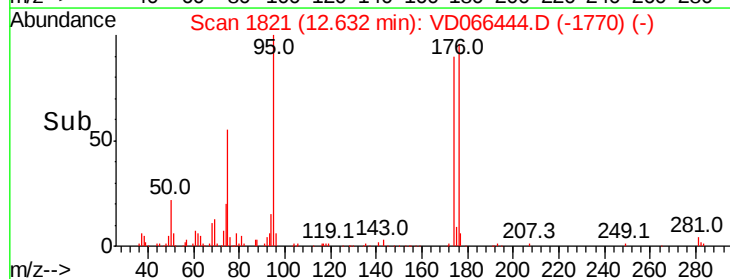
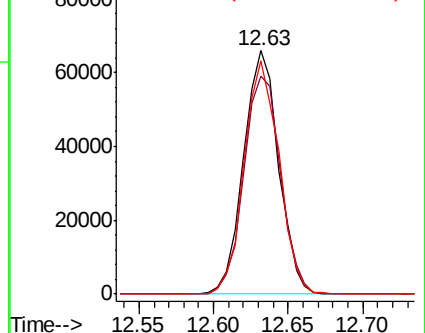
176 95.3 0.0 173.8

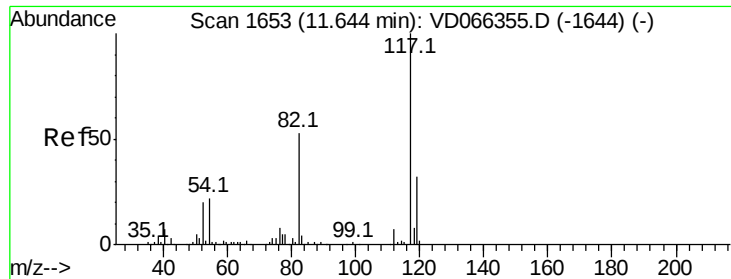


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

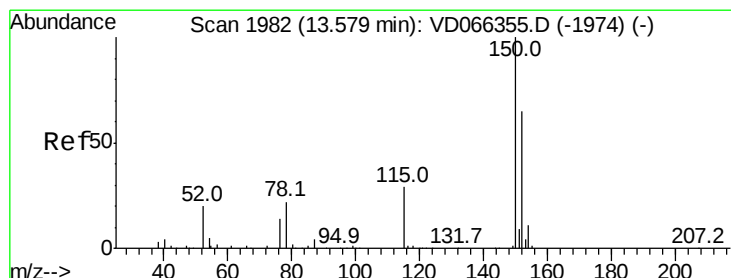
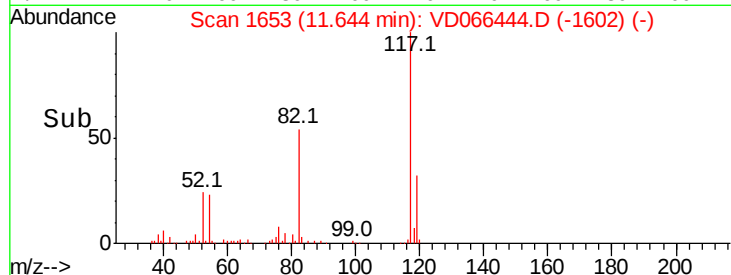
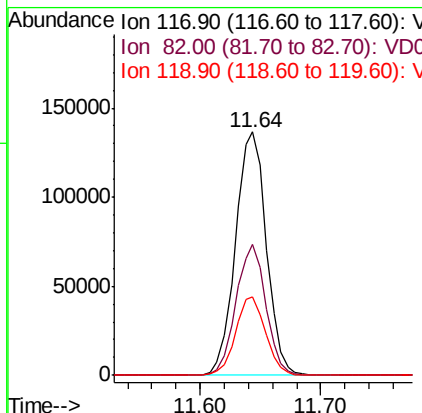
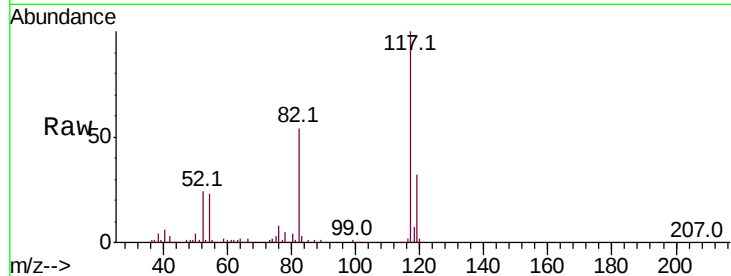




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066444.D
Acq: 27 Aug 2020 18:38

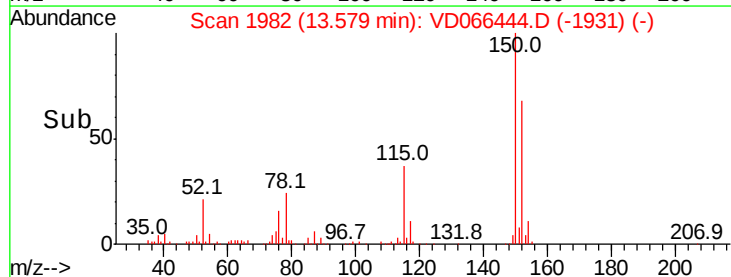
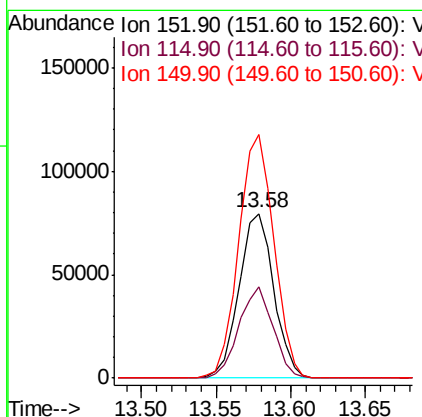
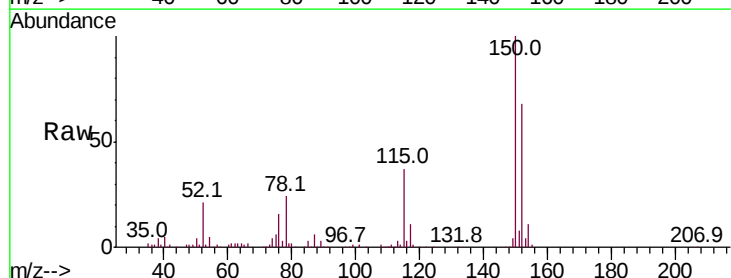
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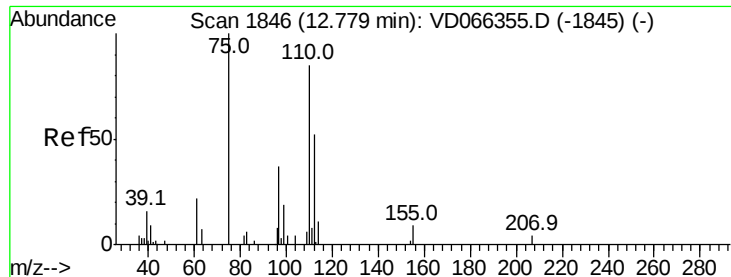
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.8	64.2
119	32.4	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066444.D
Acq: 27 Aug 2020 18:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	28.3	85.0
150	150.6	0.0	343.2





#76

1,2,3-Trichloropropane

Concen: 68.555 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066444.D

Acq: 27 Aug 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

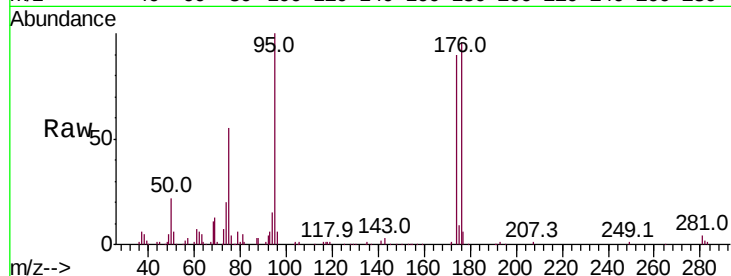
789UMR-TP05-0612-01

Tot Ion: 75 Resp: 61739

Ion Ratio Lower Upper

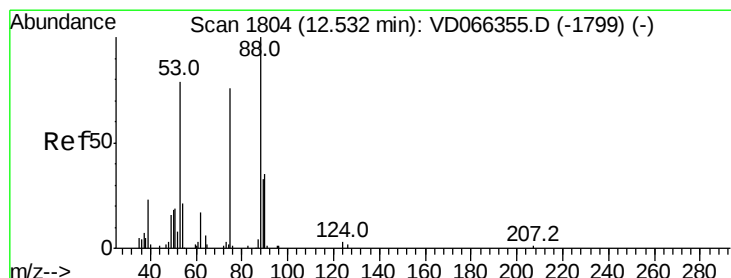
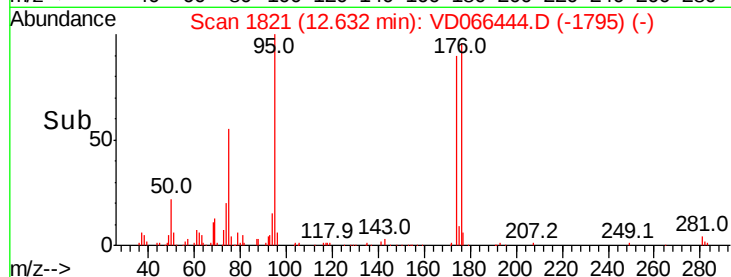
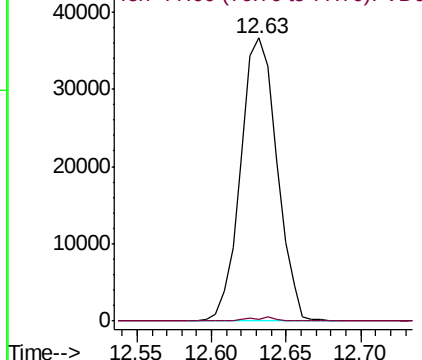
75 100

77 0.9 182.9 548.9#



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: 145.520 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066444.D

Acq: 27 Aug 2020 18:38

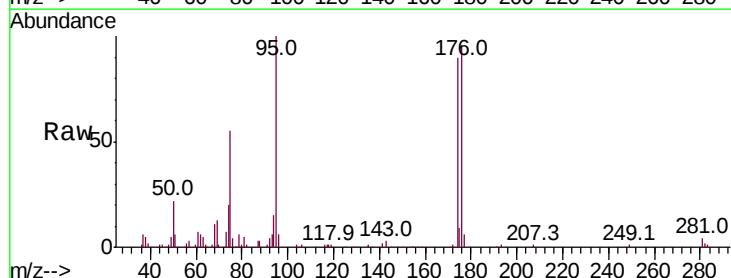
Tgt Ion: 75 Resp: 61739

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.0 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

