

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066932.D
 Acq On : 29 Sep 2020 12:11
 Operator : VA/SY
 Sample : L3867-07
 Misc : 5.83G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-092820

Quant Time: Sep 30 02:35:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

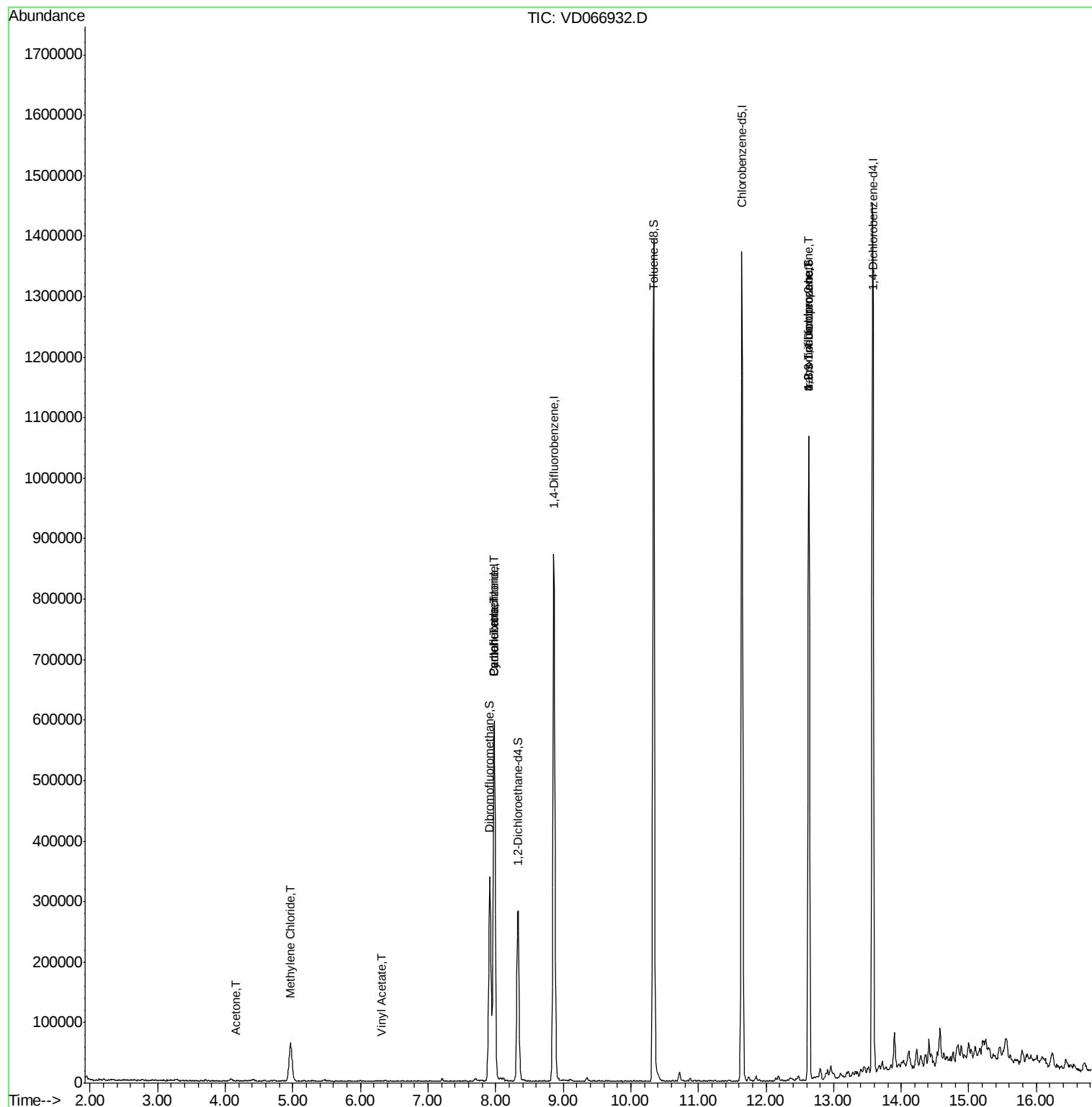
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	437657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	762638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	790831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	381932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	231287	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
35) Dibromofluoromethane	7.91	113	246140	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	10.34	98	930467	56.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.58%	
62) 4-Bromofluorobenzene	12.63	95	348356	61.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.12%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.98	85	992	Below Cal	#	46
16) Acetone	4.17	43	1878	2.067	ug/l #	81
18) Methyl Acetate	4.95	43	119	Below Cal	#	50
20) Methylene Chloride	4.97	84	50583	5.085	ug/l	94
23) Vinyl Acetate	6.31	43	63	2.681	ug/l #	71
31) Cyclohexane	7.98	56	10981	1.410	ug/l #	23
38) Carbon Tetrachloride	7.98	117	46209	5.586	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	175874	55.566	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	175874	139.021	ug/l #	10

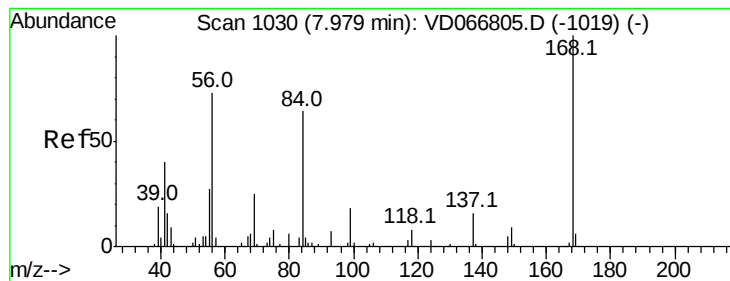
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066932.D

Acq: 29 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

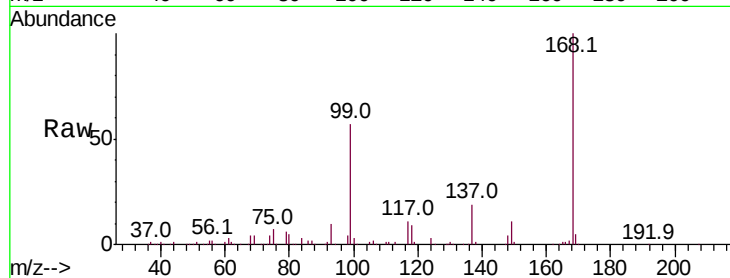
EO-01-092820

Tot Ion:168 Resp: 437657

Ion Ratio Lower Upper

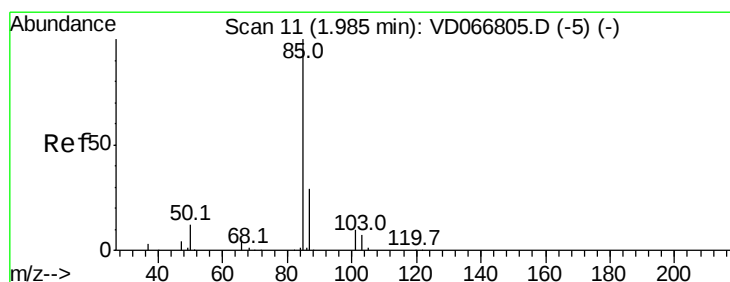
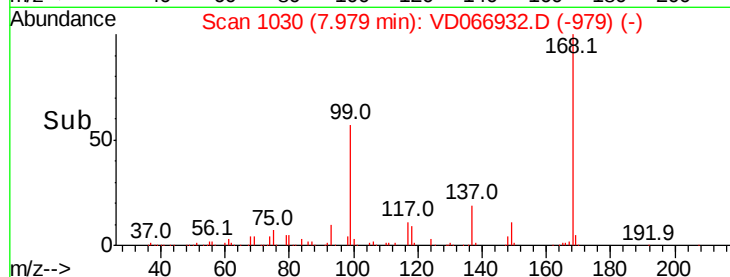
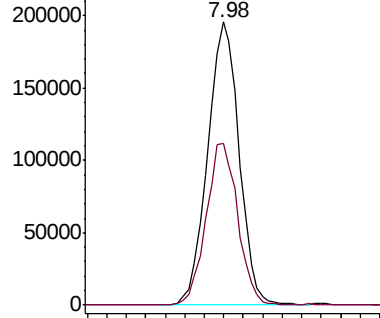
168 100

99 56.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 10

Delta R.T. -0.01 min

Lab File: VD066932.D

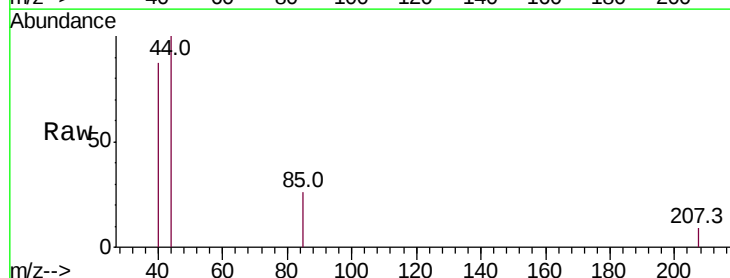
Acq: 29 Sep 2020 12:11

Tgt Ion: 85 Resp: 992

Ion Ratio Lower Upper

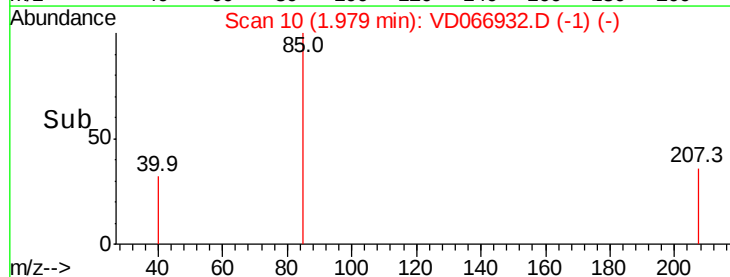
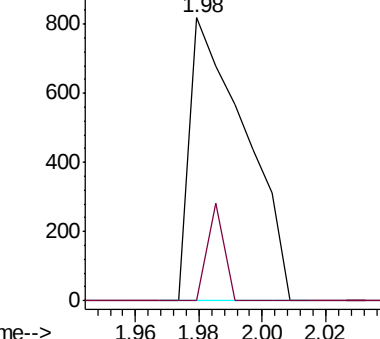
85 100

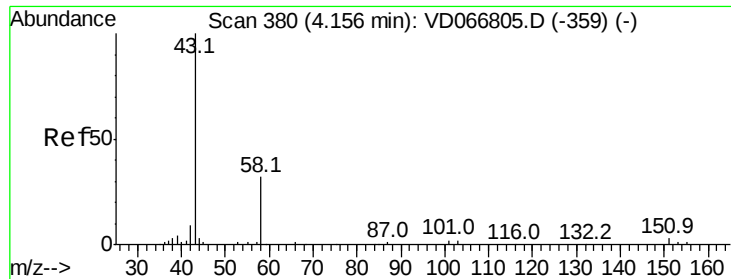
87 0.0 14.5 43.5#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#16

Acetone

Concen: 2.067 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066932.D

Acq: 29 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

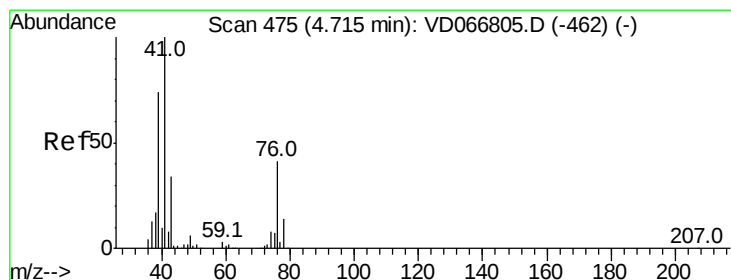
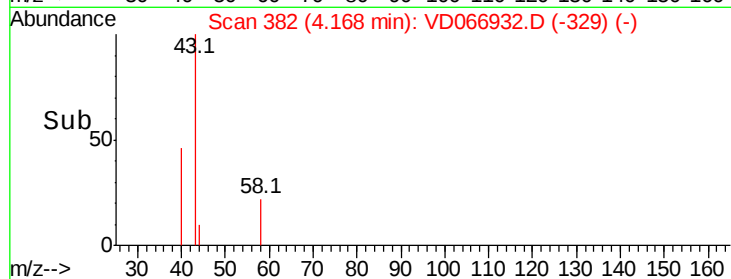
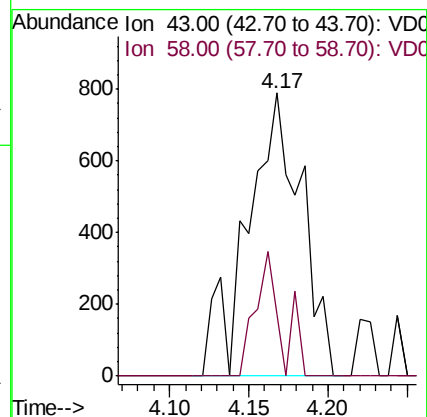
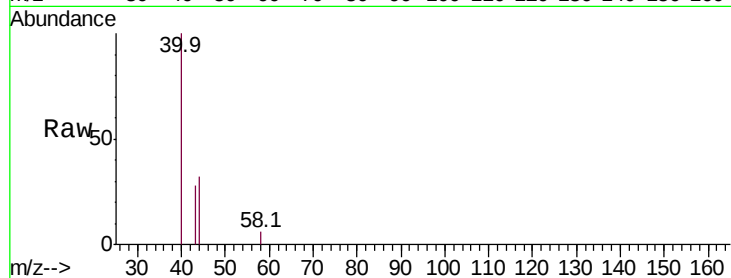
EO-01-092820

Tot Ion: 43 Resp: 1878

Ion Ratio Lower Upper

43 100

58 21.7 25.6 38.4#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.95 min Scan# 515

Delta R.T. 0.24 min

Lab File: VD066932.D

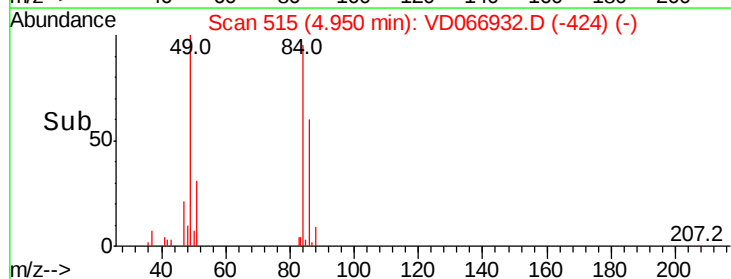
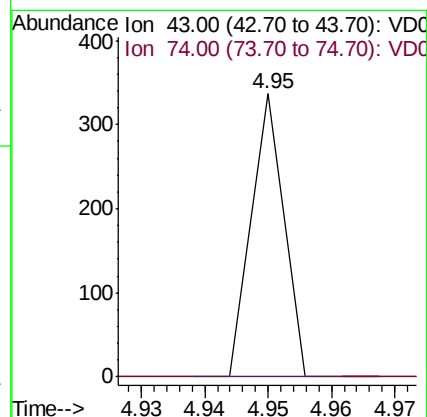
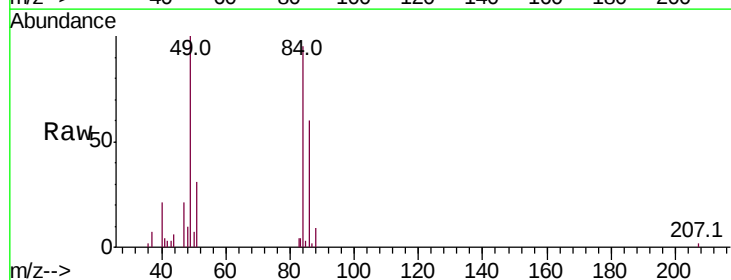
Acq: 29 Sep 2020 12:11

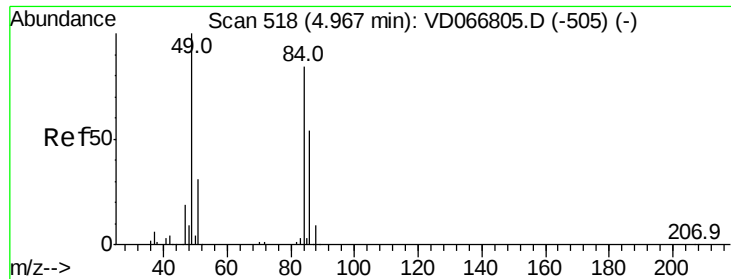
Tgt Ion: 43 Resp: 119

Ion Ratio Lower Upper

43 100

74 0.0 20.3 30.5#

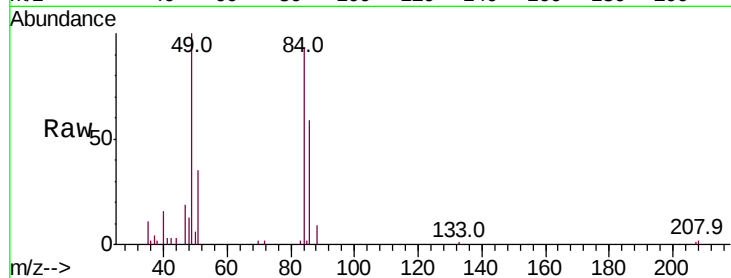




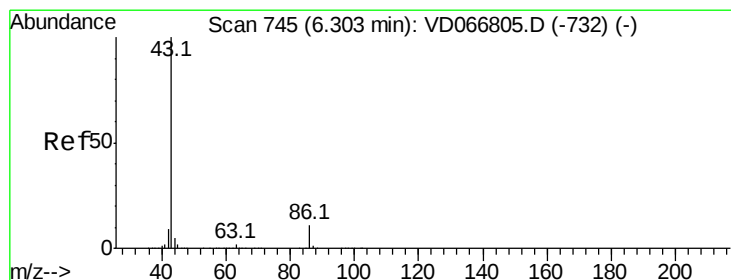
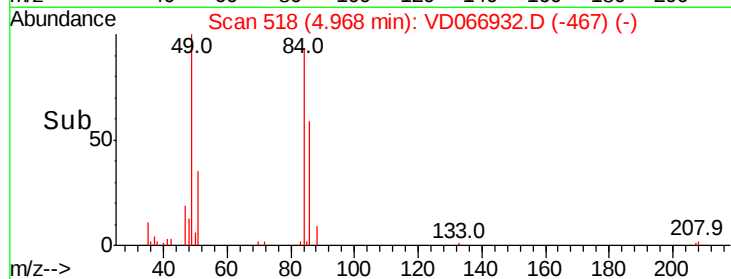
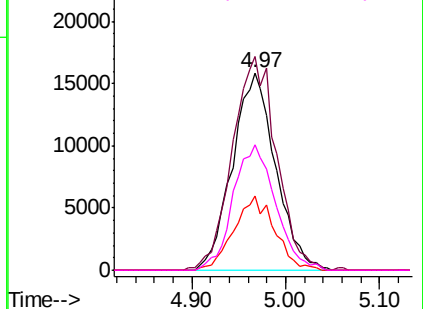
#20
Methvlene Chloride
Concen: 5.085 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066932.D
Acq: 29 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
EO-01-092820

Tot Ion:	84	Resp:	50583
Ion	Ratio	Lower	Upper
84	100		
49	107.1	95.4	143.2
51	37.5	29.7	44.5
86	63.8	51.4	77.2

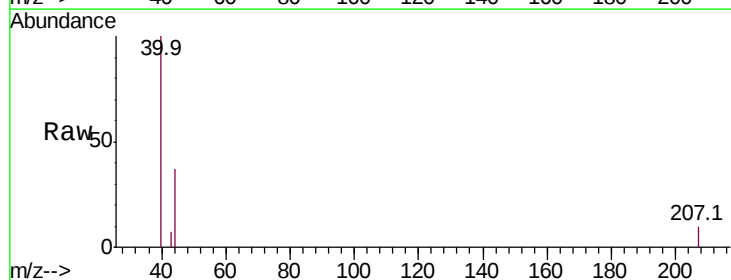


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

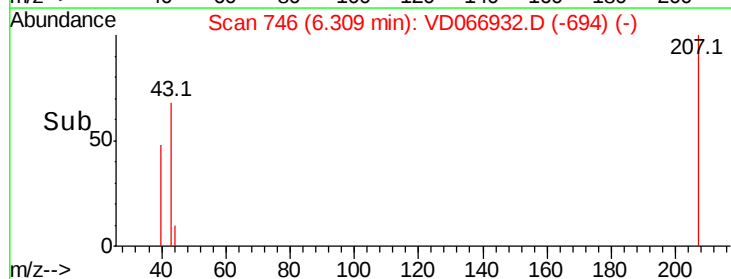
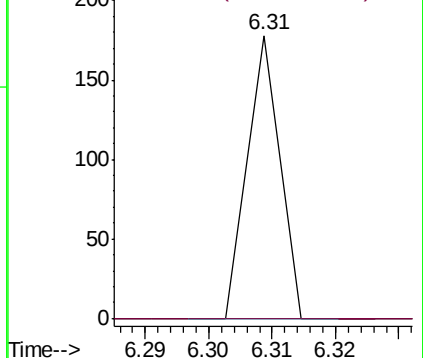


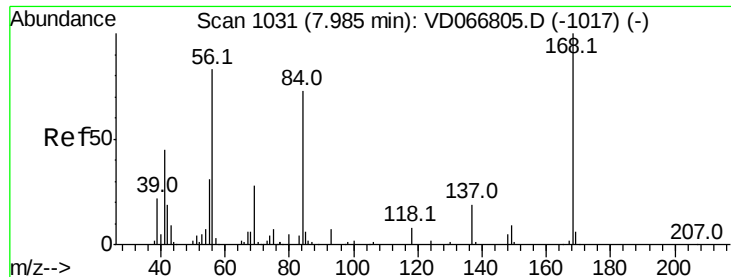
#23
Vinyl Acetate
Concen: 2.681 ug/l
RT: 6.31 min Scan# 746
Delta R.T. 0.01 min
Lab File: VD066932.D
Acq: 29 Sep 2020 12:11

Tgt Ion:	43	Resp:	63
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC

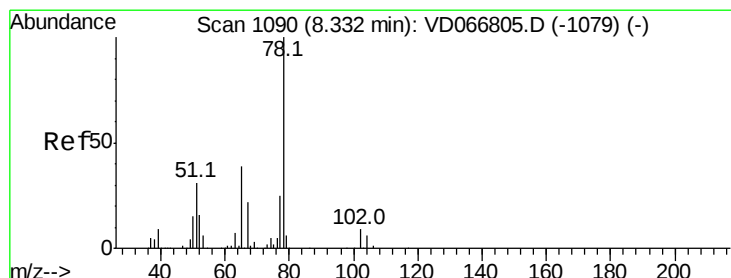
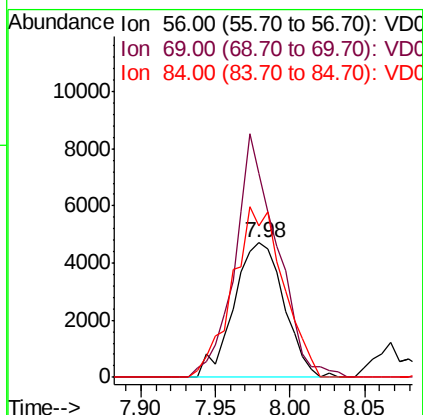
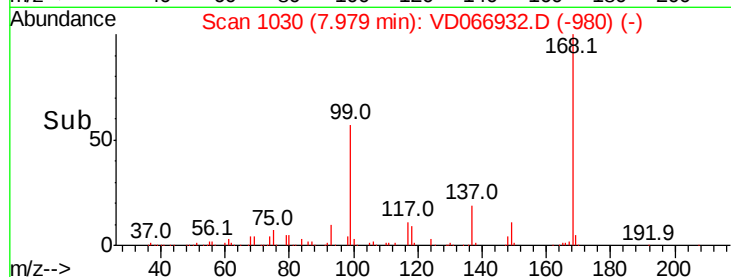
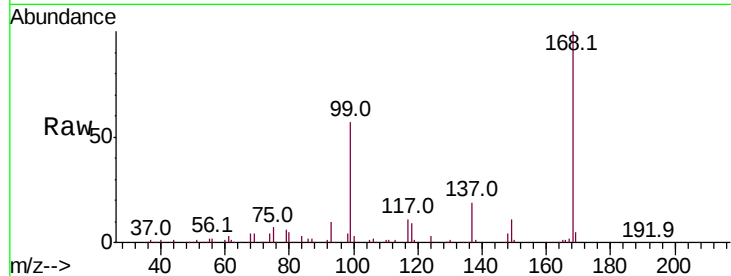




#31
Cyclohexane
Concen: 1.410 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066932.D
Acq: 29 Sep 2020 12:11

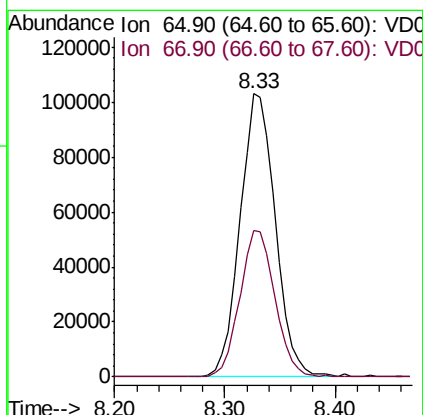
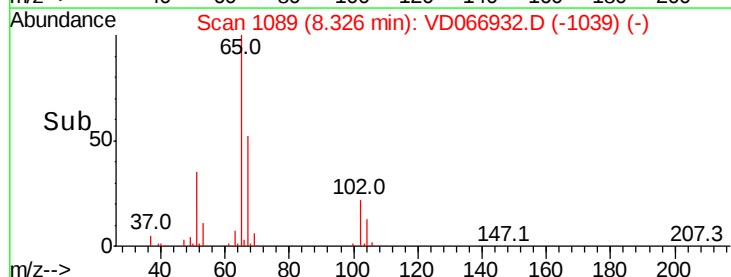
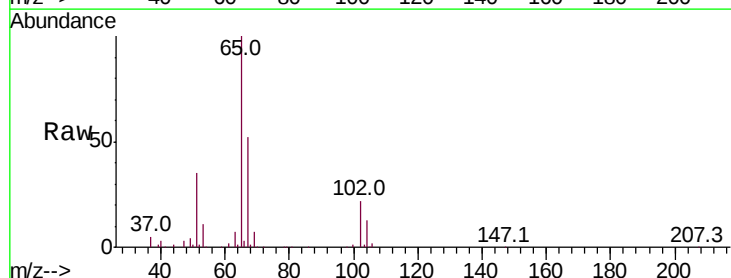
Instrument :
MSVOA_D
ClientSampleId :
EO-01-092820

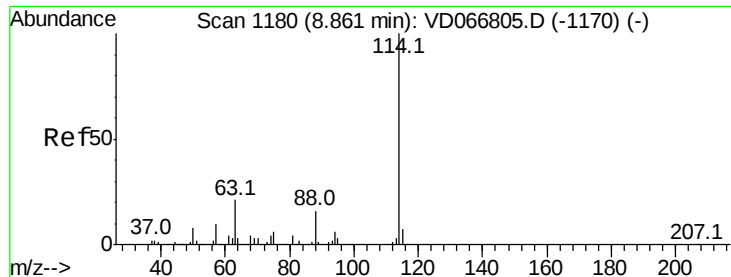
Tot Ion: 56 Resp: 10981
Ion Ratio Lower Upper
56 100
69 151.5 27.0 40.4#
84 112.6 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.993 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066932.D
Acq: 29 Sep 2020 12:11

Tgt Ion: 65 Resp: 231287
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.2

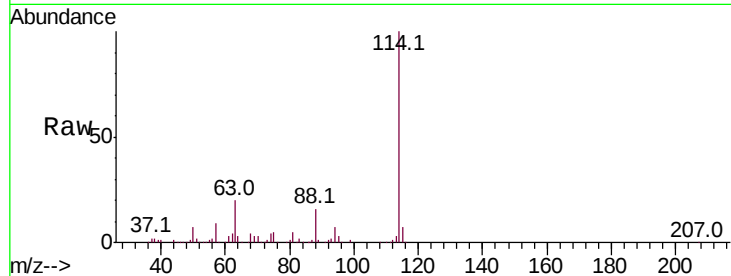




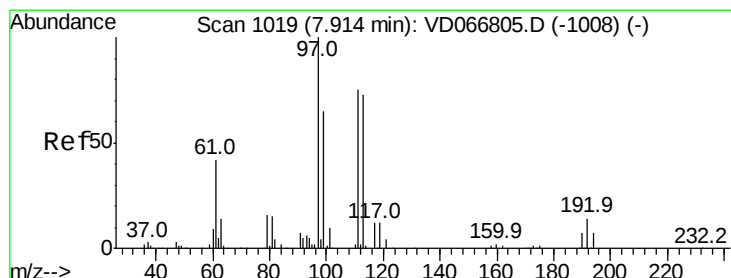
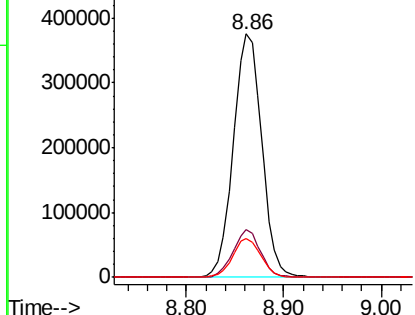
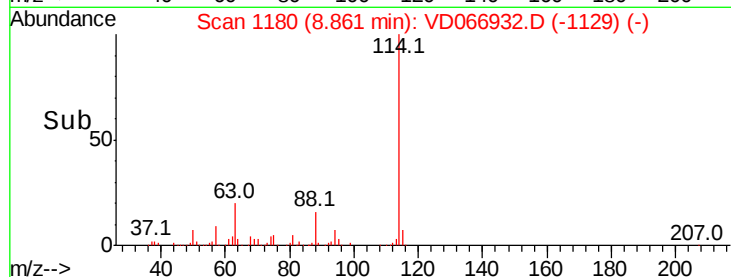
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066932.D
 Acq: 29 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-092820

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.6
88	15.9	0.0	32.6

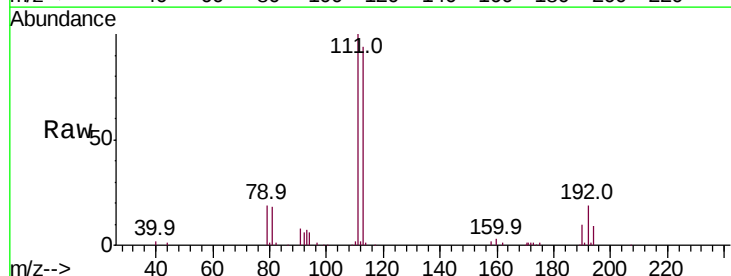


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

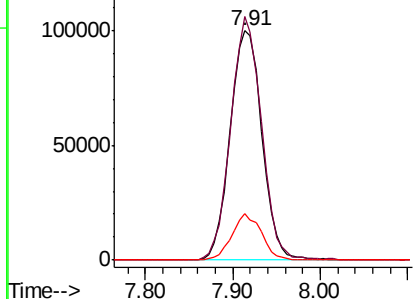
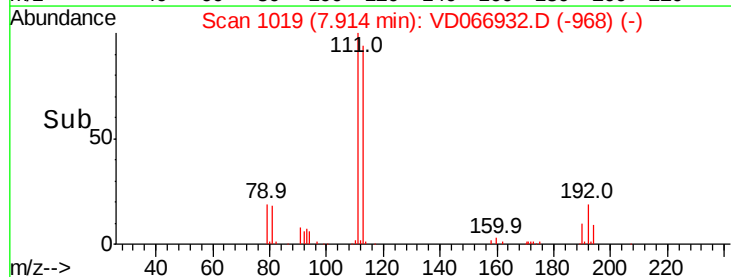


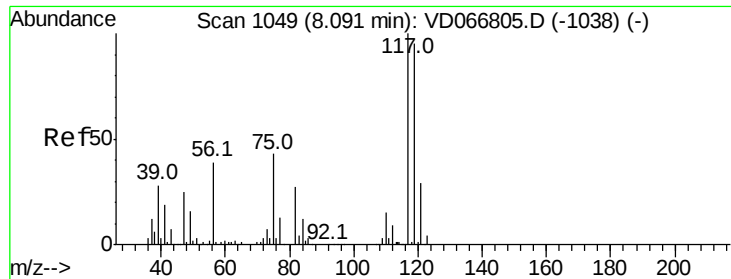
#35
 Dibromofluoromethane
 Concen: 50.731 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066932.D
 Acq: 29 Sep 2020 12:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	19.0	14.4	21.6



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





#38

Carbon Tetrachloride

Concen: 5.586 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066932.D

Acq: 29 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

EO-01-092820

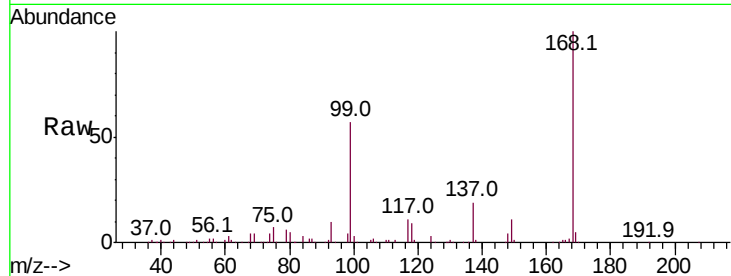
Tot Ion:117 Resp: 46209

Ion Ratio Lower Upper

117 100

119 5.8 75.8 113.8#

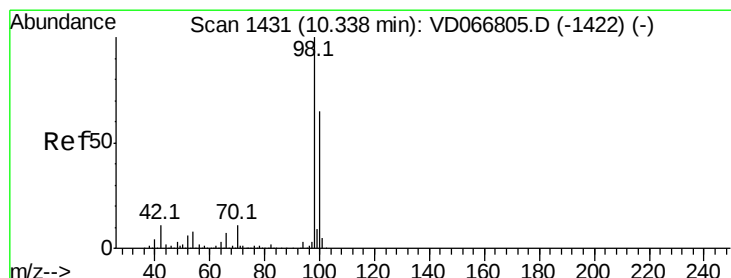
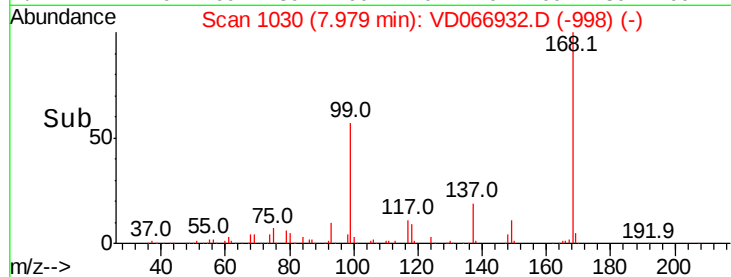
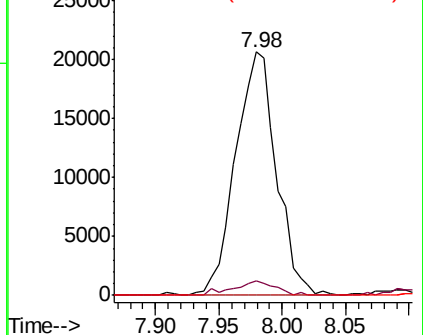
121 0.0 23.4 35.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 56.285 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066932.D

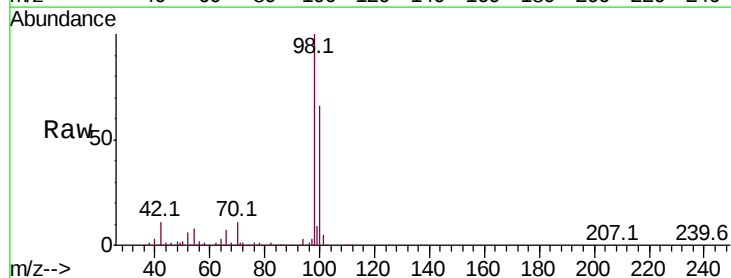
Acq: 29 Sep 2020 12:11

Tgt Ion: 98 Resp: 930467

Ion Ratio Lower Upper

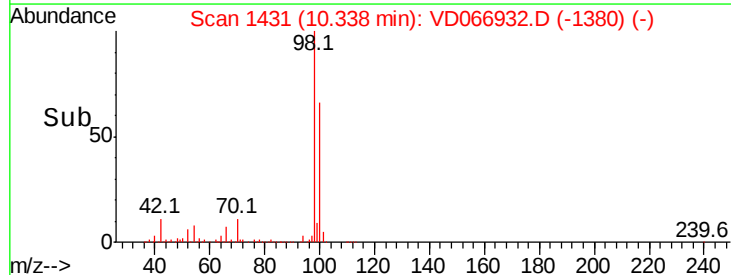
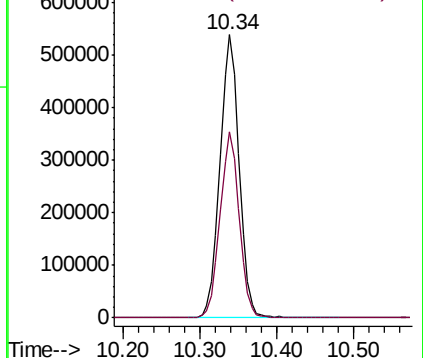
98 100

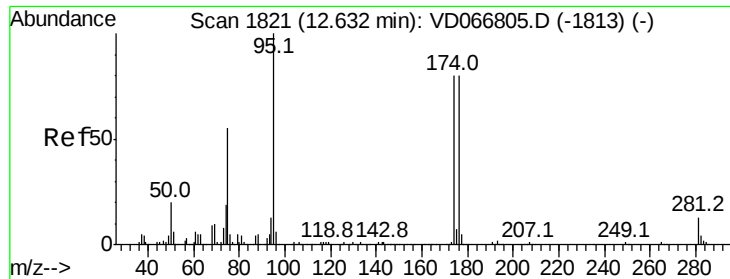
100 65.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

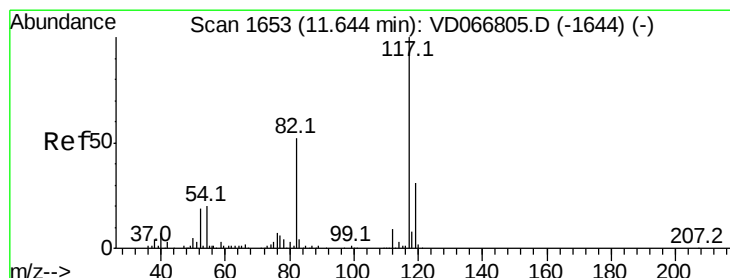
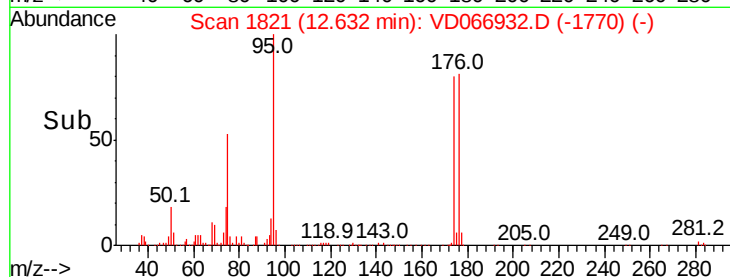
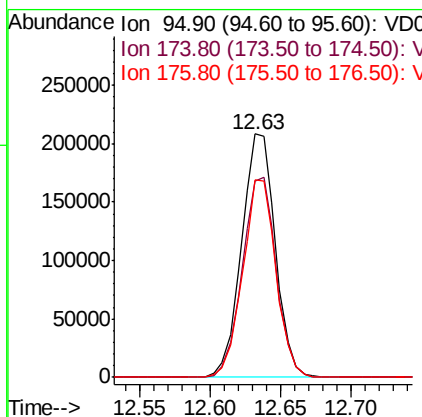
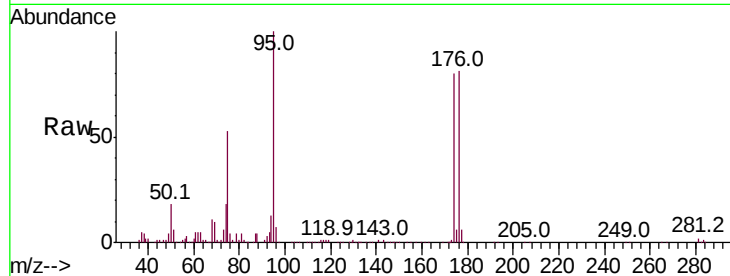




#62
4-Bromofluorobenzene
Concen: 61.555 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066932.D
Acq: 29 Sep 2020 12:11

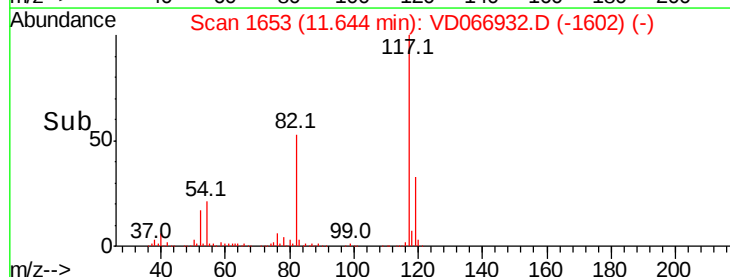
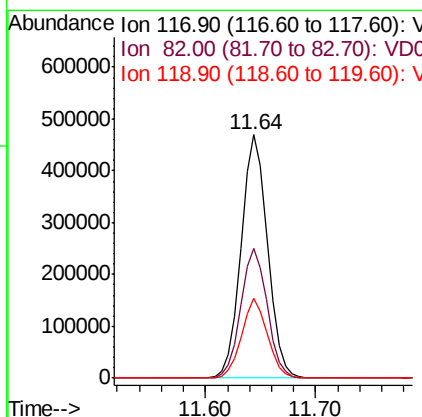
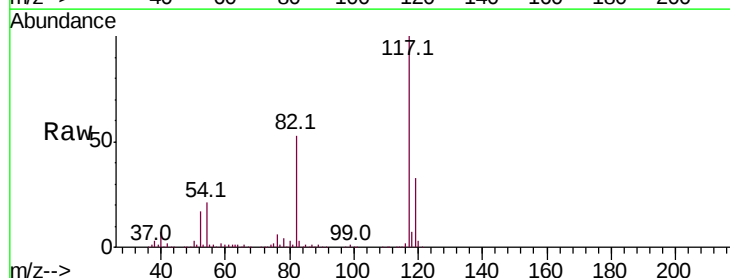
Instrument :
MSVOA_D
ClientSampleId :
EO-01-092820

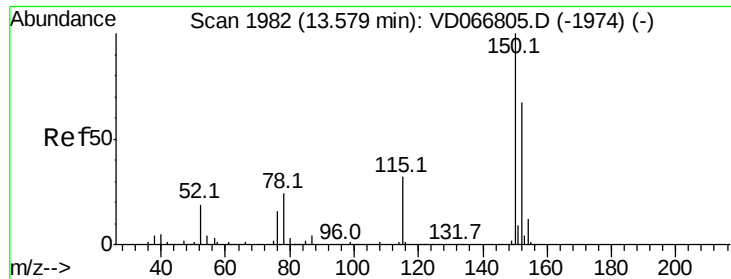
Tot Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	159.8
176	79.7	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066932.D
Acq: 29 Sep 2020 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.8	62.6
119	33.0	24.6	37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066932.D

Acq: 29 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

EO-01-092820

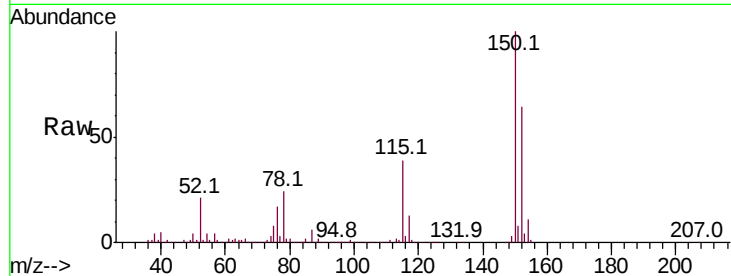
Tot Ion:152 Resp: 381932

Ion Ratio Lower Upper

152 100

115 60.3 30.3 91.0

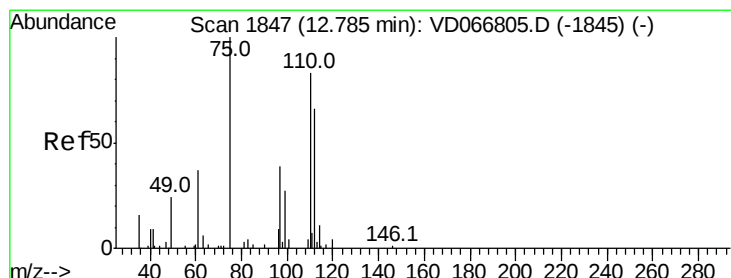
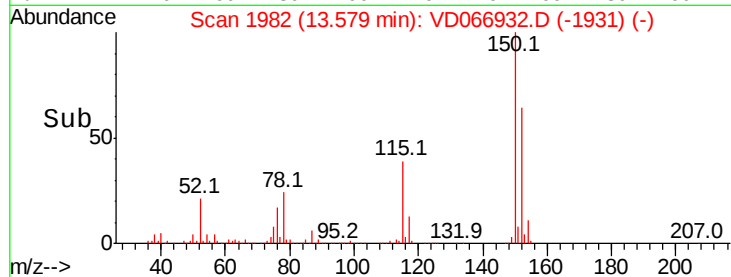
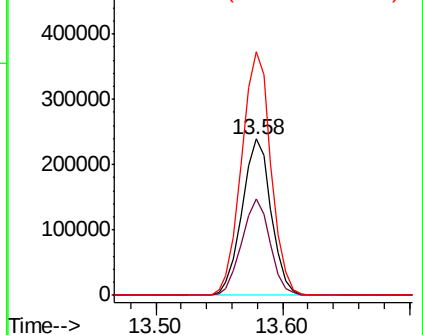
150 157.2 0.0 346.2



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: 55.566 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066932.D

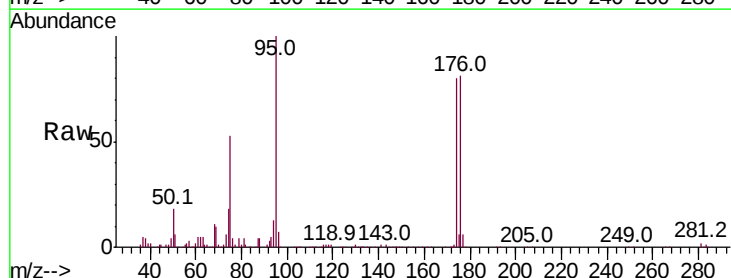
Acq: 29 Sep 2020 12:11

Tgt Ion: 75 Resp: 175874

Ion Ratio Lower Upper

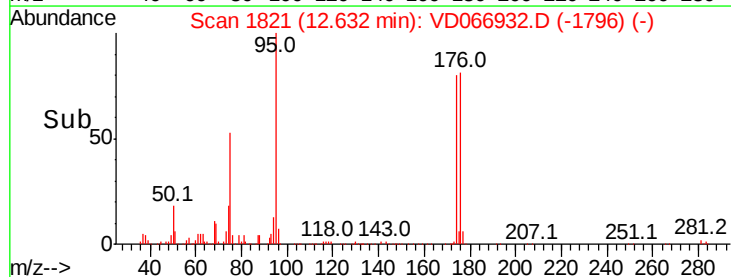
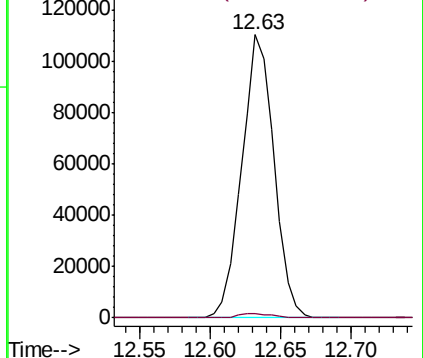
75 100

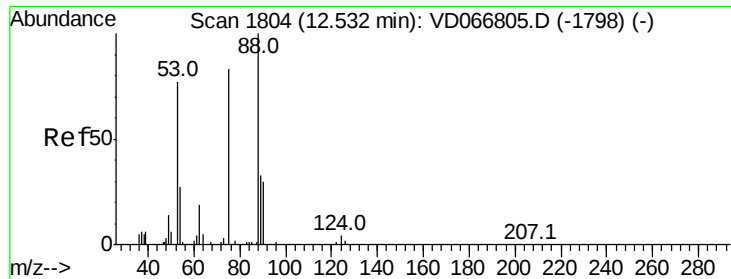
77 1.6 0.0 0.0#



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: 139.021 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066932.D

Acq: 29 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

EO-01-092820

Tot Ion: 75 Resp: 175874

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.0 38.1 57.1#

