

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092320\
 Data File : VD066829.D
 Acq On : 23 Sep 2020 12:43
 Operator : VA/SY
 Sample : L4100-05
 Misc : 7.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 021

Quant Time: Sep 23 15:02:04 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	386564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	711670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	708361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	322134	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	224470	59.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.66%	
35) Dibromofluoromethane	7.91	113	232755	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
50) Toluene-d8	10.34	98	863750	55.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.98%	
62) 4-Bromofluorobenzene	12.63	95	304520	57.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.32%	

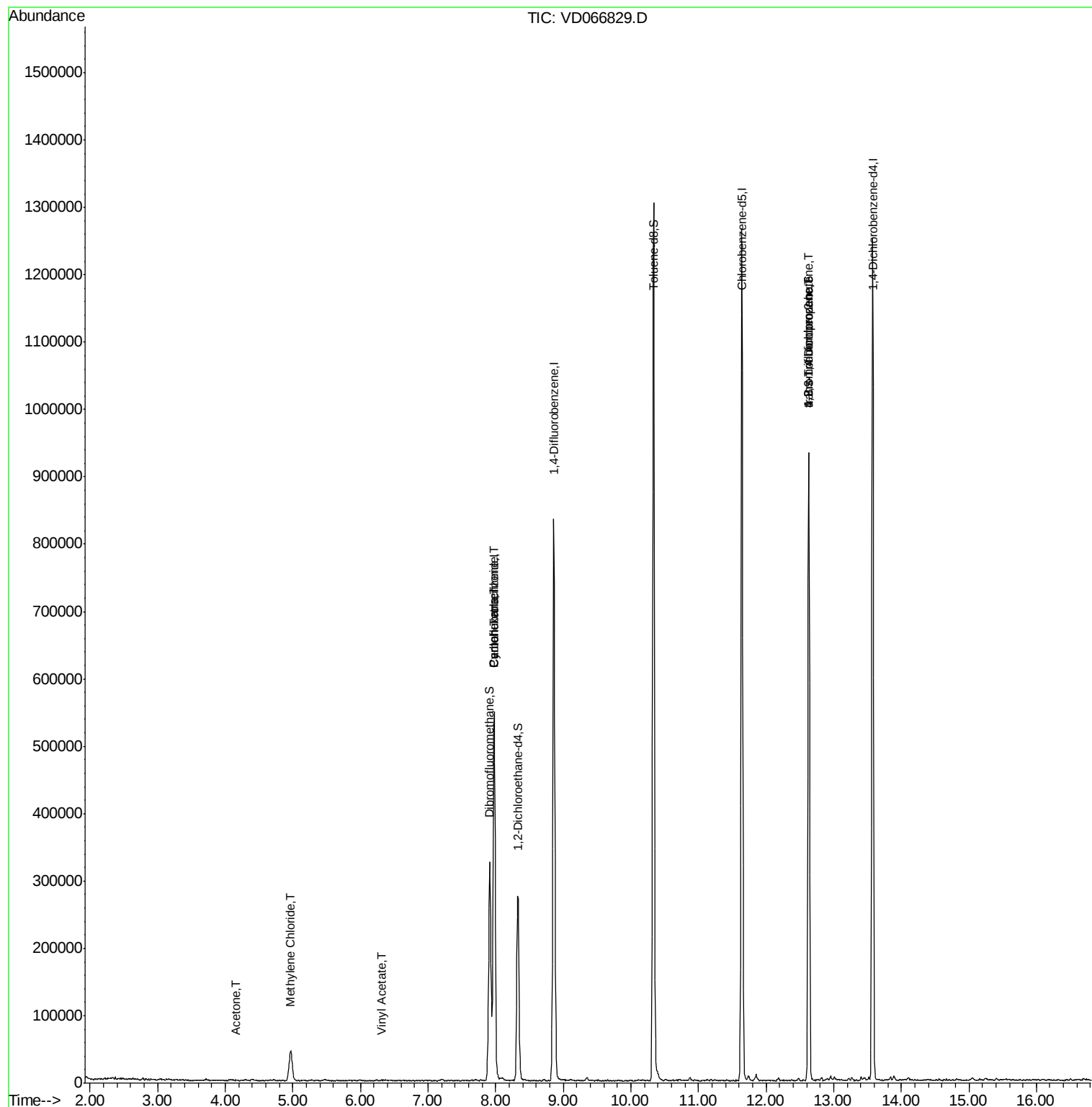
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	795	Below Cal	#	47
16) Acetone	4.17	43	1529	1.905	ug/l #	43
18) Methyl Acetate	4.96	43	213	Below Cal	#	50
20) Methylene Chloride	4.97	84	36132	2.852	ug/l #	88
23) Vinyl Acetate	6.31	43	187	2.702	ug/l #	71
31) Cyclohexane	7.98	56	9479	1.378	ug/l #	1
38) Carbon Tetrachloride	7.98	117	40422	5.237	ug/l #	19
76) 1,2,3-Trichloropropane	12.63	75	161512	60.501	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	161512	151.367	ug/l #	10

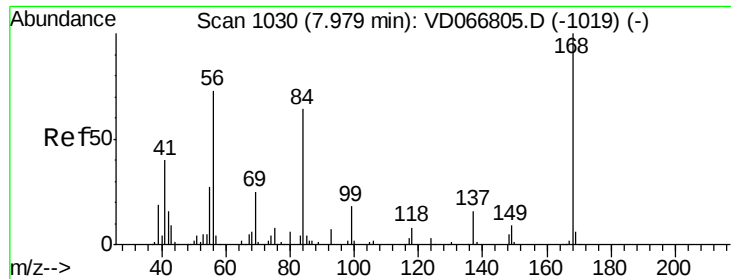
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD092320\
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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: VD066829.D

Acq: 23 Sep 2020 12:43

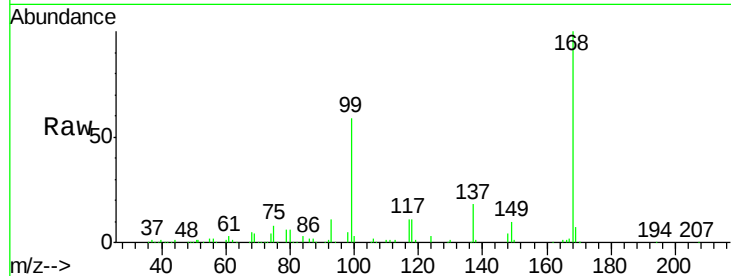
Instrument :
MSVOA_D
ClientSampleId :
021

Tgt Ion:168 Resp: 386564

Ion Ratio Lower Upper

168 100

99 58.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

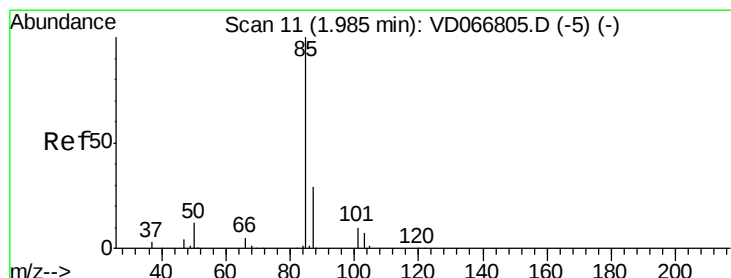
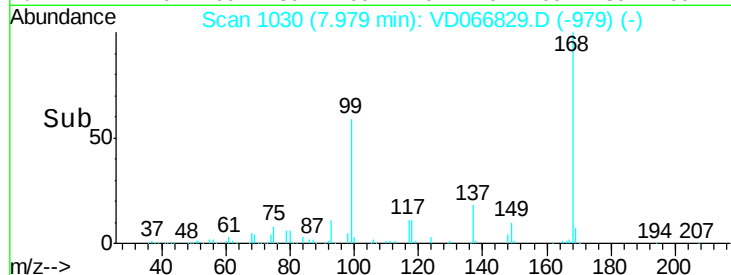
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066829.D

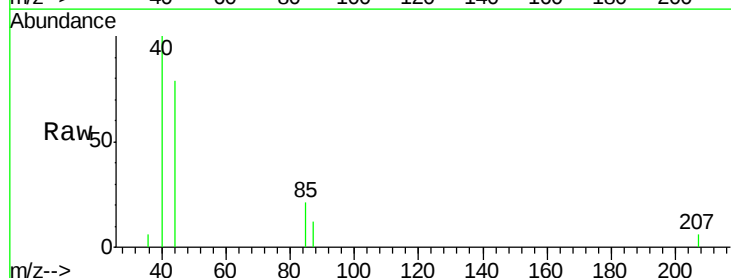
Acq: 23 Sep 2020 12:43

Tgt Ion: 85 Resp: 795

Ion Ratio Lower Upper

85 100

87 57.1 14.5 43.5#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

800

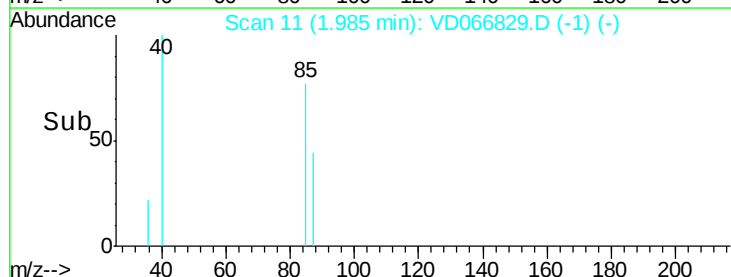
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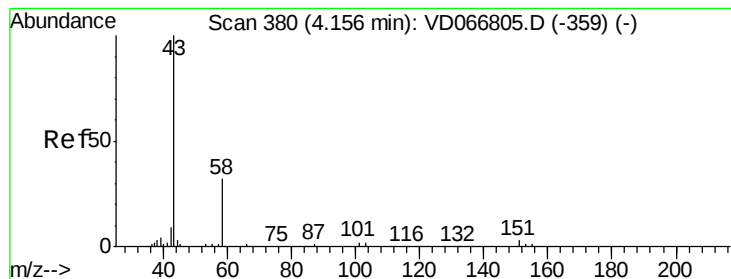
400

200

0

Time-->





#16

Acetone

Concen: 1.905 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066829.D

Acq: 23 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

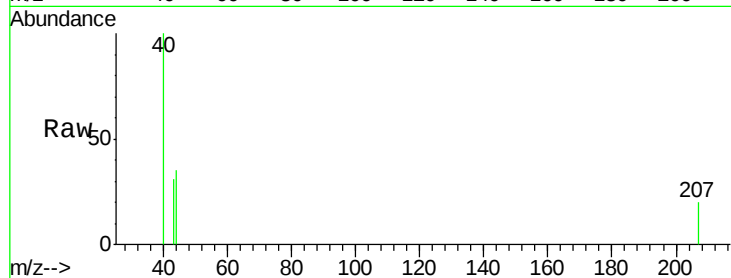
021

Tgt Ion: 43 Resp: 1529

Ion Ratio Lower Upper

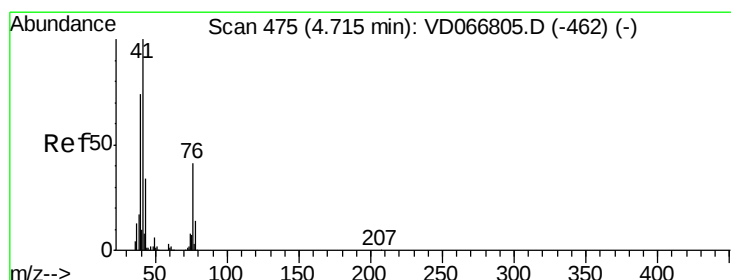
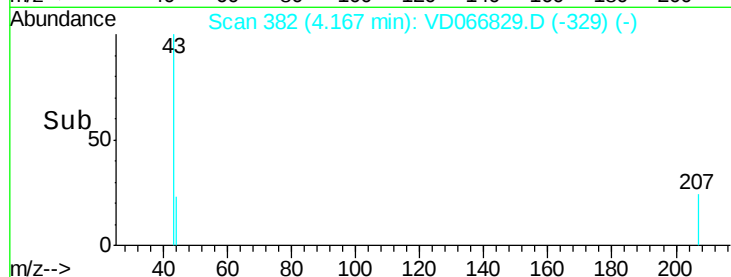
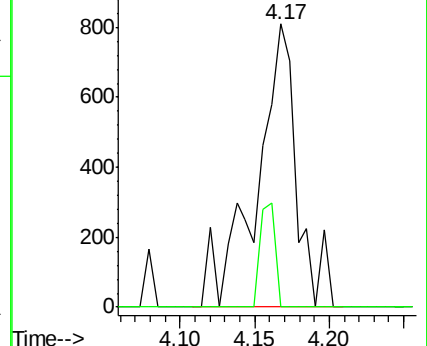
43 100

58 0.0 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#18

Methyl Acetate

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.25 min

Lab File: VD066829.D

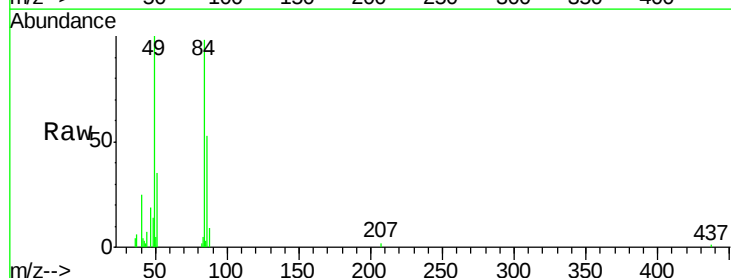
Acq: 23 Sep 2020 12:43

Tgt Ion: 43 Resp: 213

Ion Ratio Lower Upper

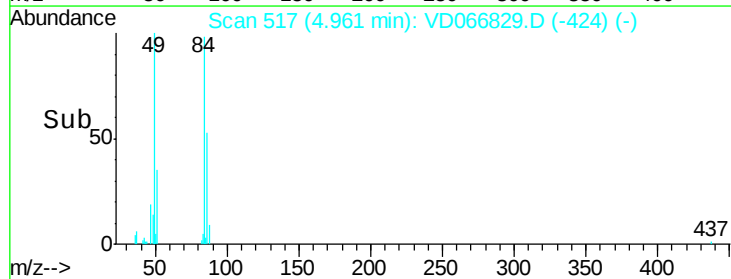
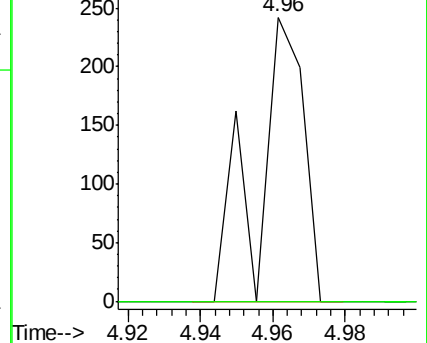
43 100

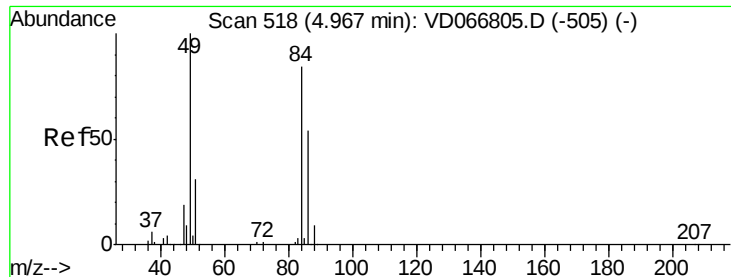
74 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

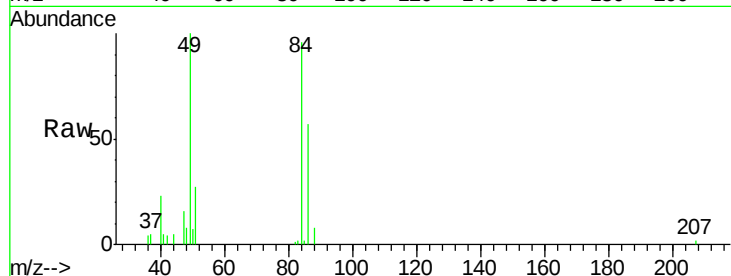




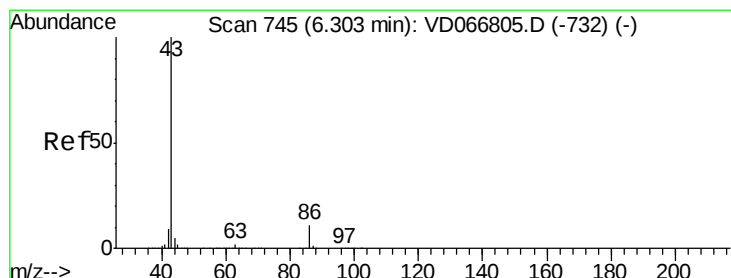
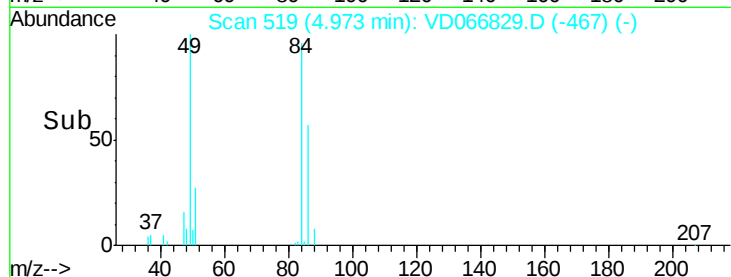
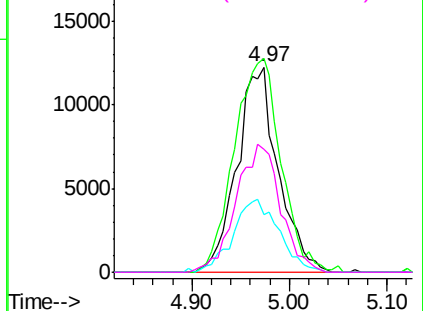
#20
Methylene Chloride
Concen: 2.852 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066829.D
Acq: 23 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
021

Tgt Ion: 84 Resp: 36132
Ion Ratio Lower Upper
84 100
49 104.2 95.4 143.2
51 28.3 29.7 44.5#
86 59.8 51.4 77.2

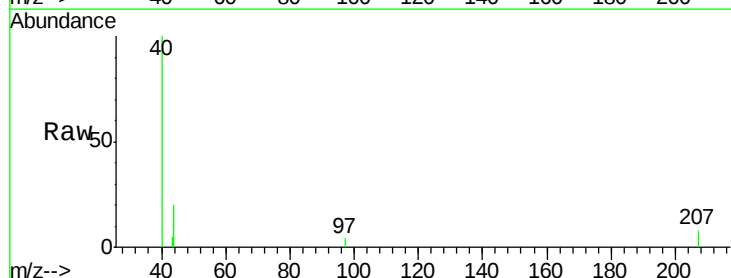


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

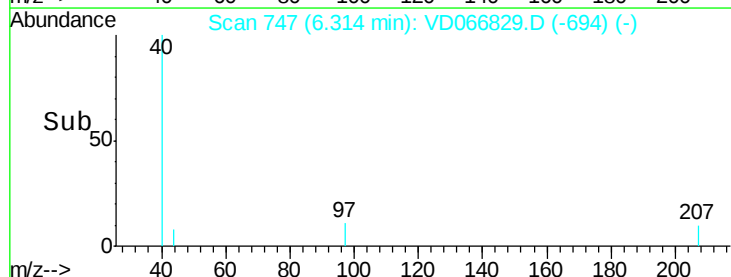
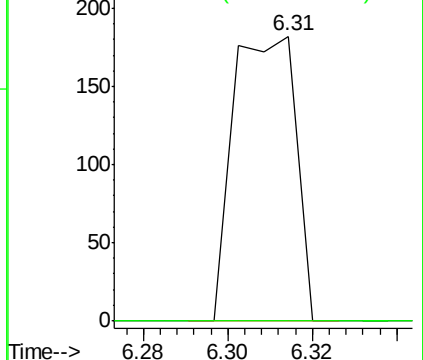


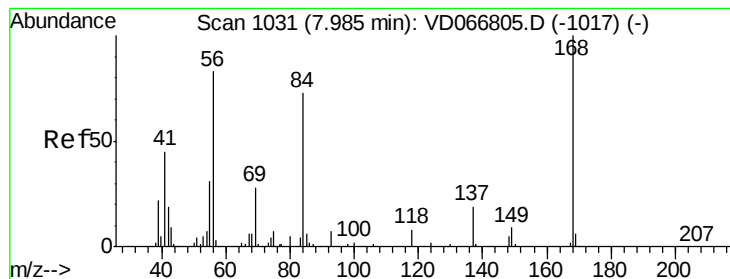
#23
Vinyl Acetate
Concen: 2.702 ug/l
RT: 6.31 min Scan# 747
Delta R.T. 0.01 min
Lab File: VD066829.D
Acq: 23 Sep 2020 12:43

Tgt Ion: 43 Resp: 187
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: 1.378 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066829.D

Acq: 23 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :
021

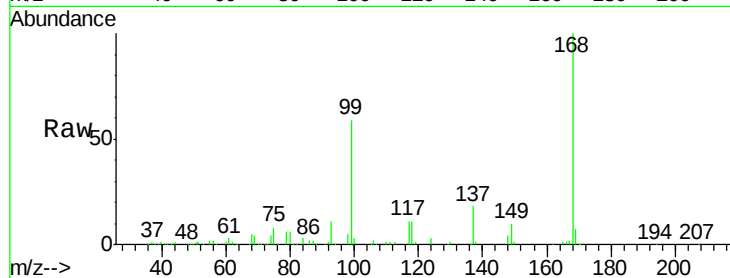
Tgt Ion: 56 Resp: 9479

Ion Ratio Lower Upper

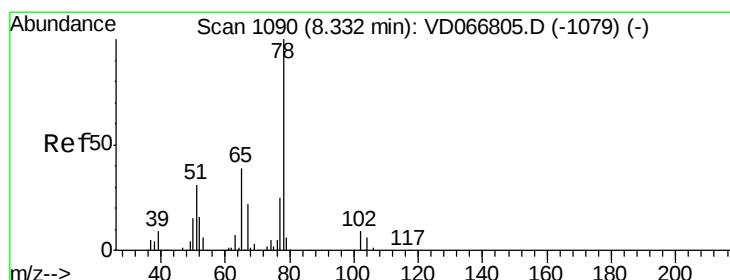
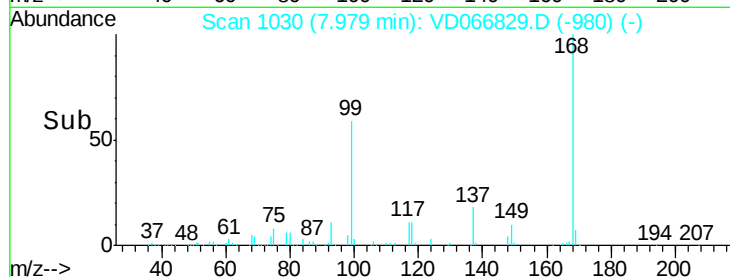
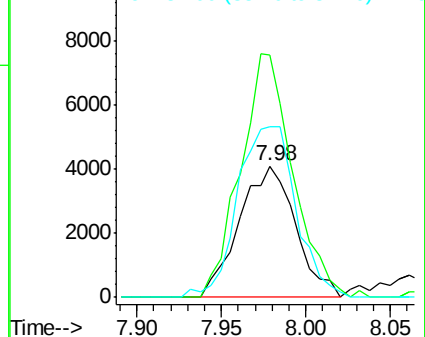
56 100

69 185.0 27.0 40.4#

84 126.0 70.2 105.4#



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: 59.328 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066829.D

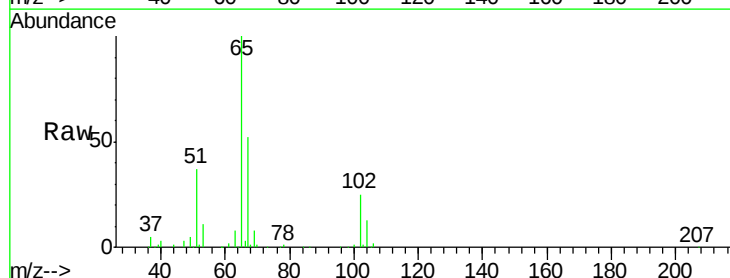
Acq: 23 Sep 2020 12:43

Tgt Ion: 65 Resp: 224470

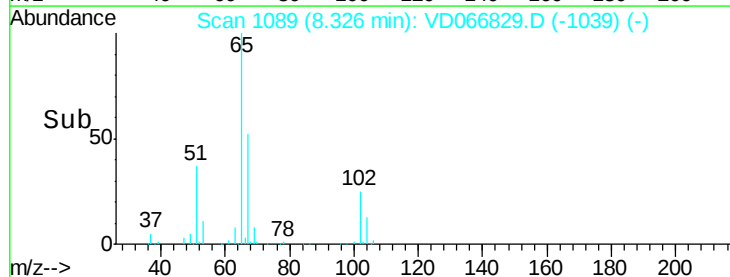
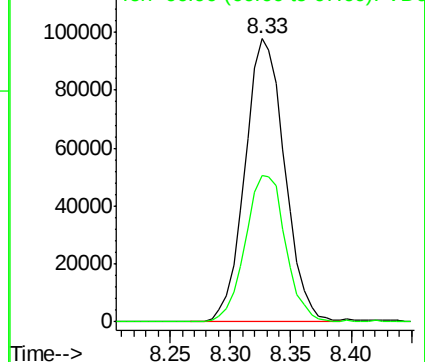
Ion Ratio Lower Upper

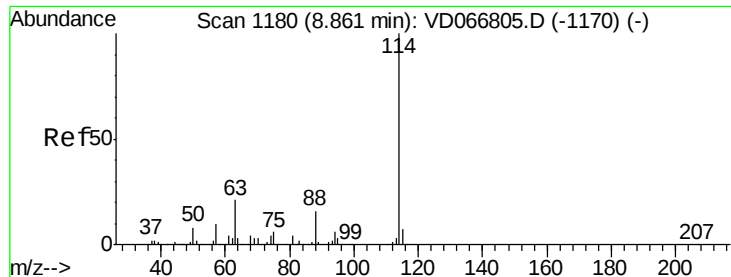
65 100

67 52.4 0.0 107.2



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

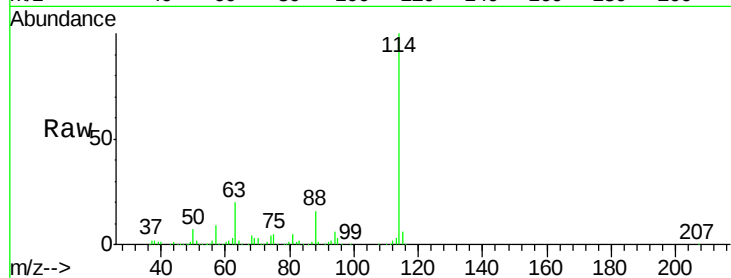




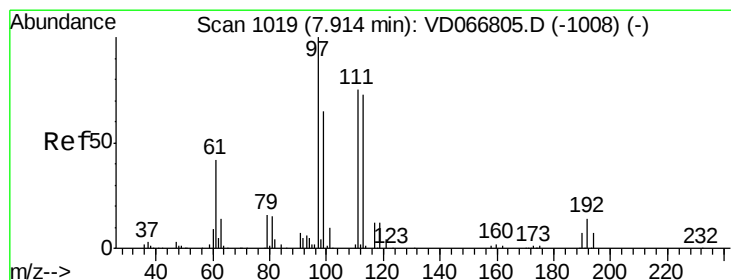
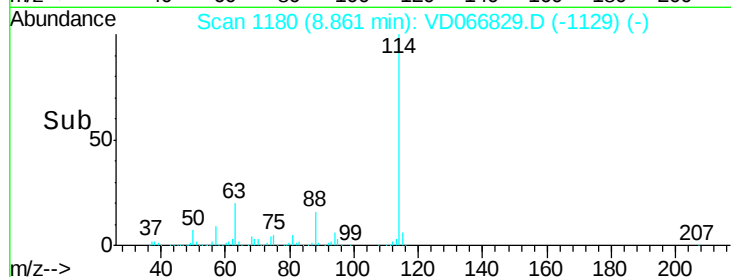
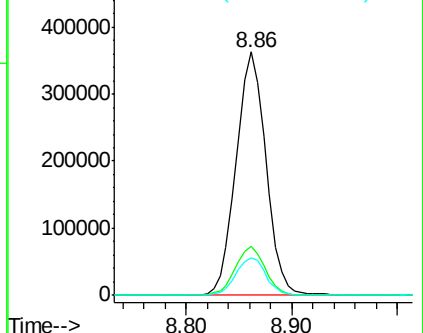
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066829.D
 Acq: 23 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 021

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.6
88	15.5	0.0	32.6

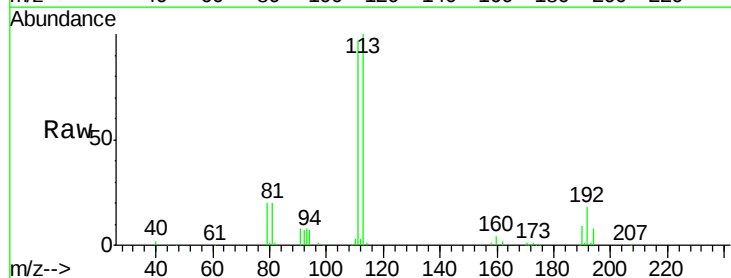


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

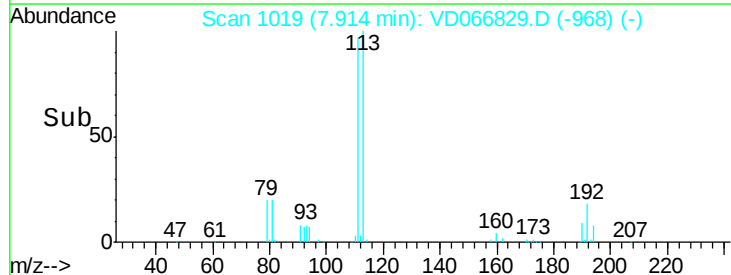
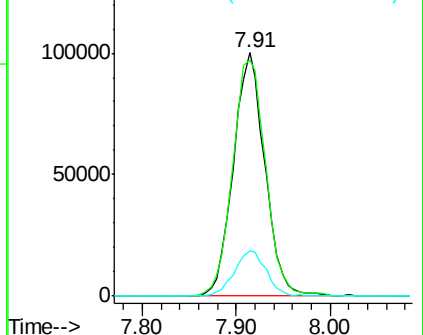


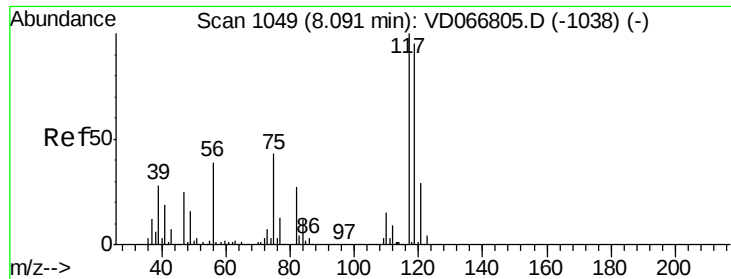
#35
 Dibromofluoromethane
 Concen: 51.408 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066829.D
 Acq: 23 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	19.1	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

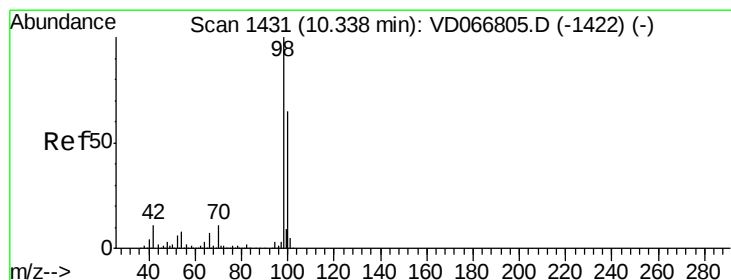
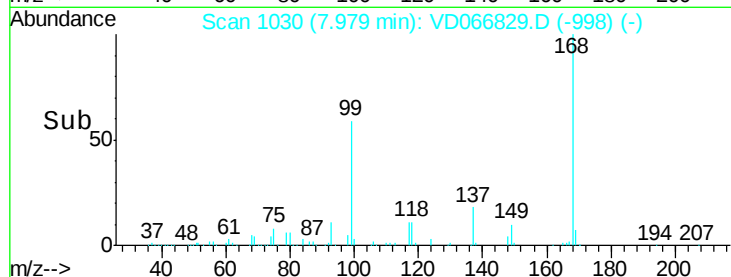
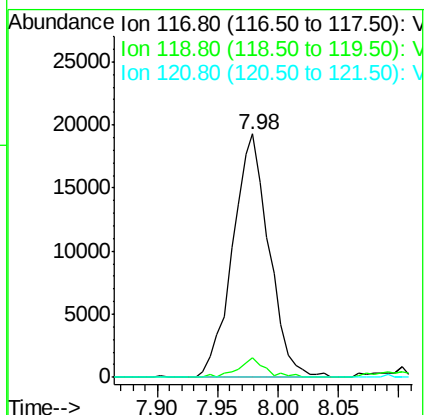
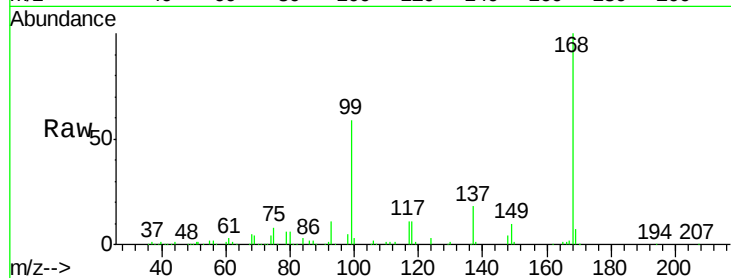




#38
Carbon Tetrachloride
Concen: 5.237 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.11 min
Lab File: VD066829.D
Acq: 23 Sep 2020 12:43

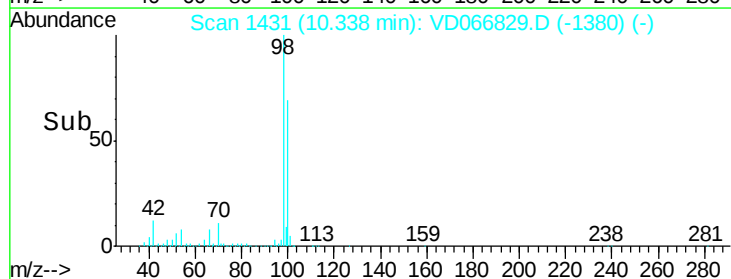
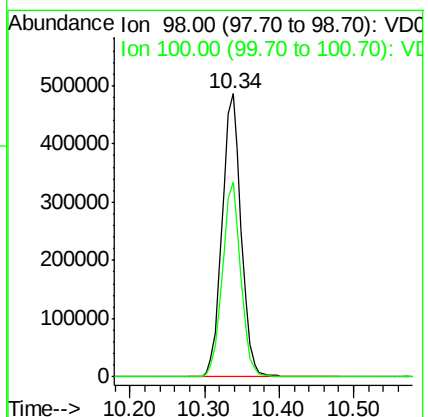
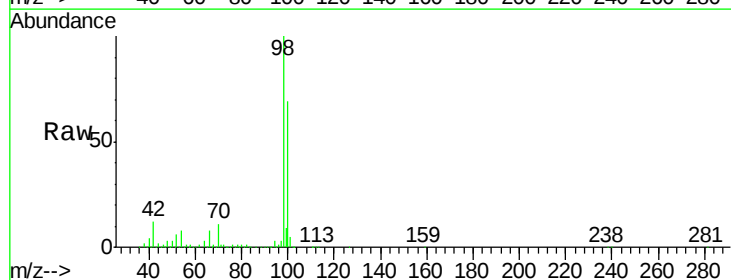
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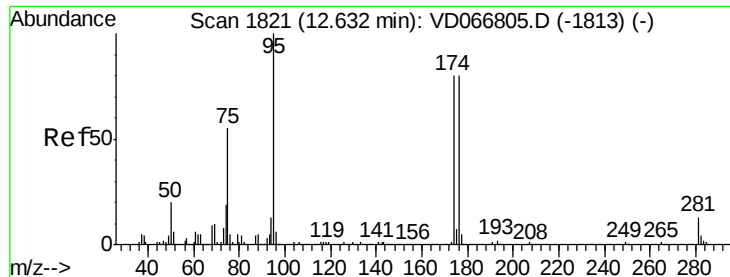
Tgt Ion:117 Resp: 40422
Ion Ratio Lower Upper
117 100
119 8.0 75.8 113.8#
121 0.0 23.4 35.0#



#50
Toluene-d8
Concen: 55.991 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066829.D
Acq: 23 Sep 2020 12:43

Tgt Ion: 98 Resp: 863750
Ion Ratio Lower Upper
98 100
100 66.6 52.2 78.2

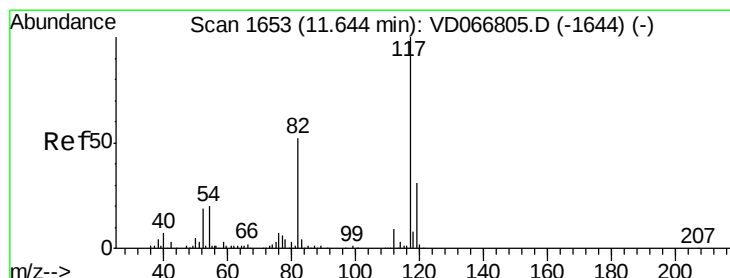
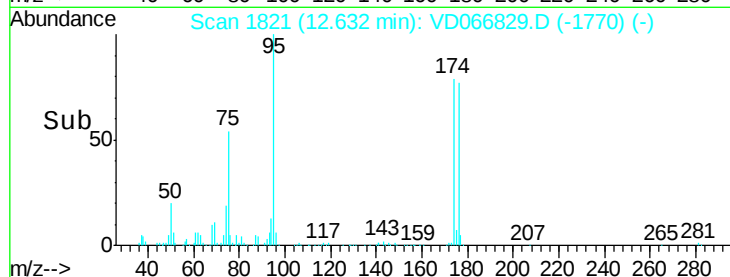
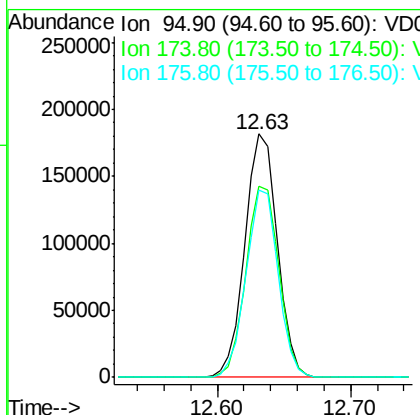
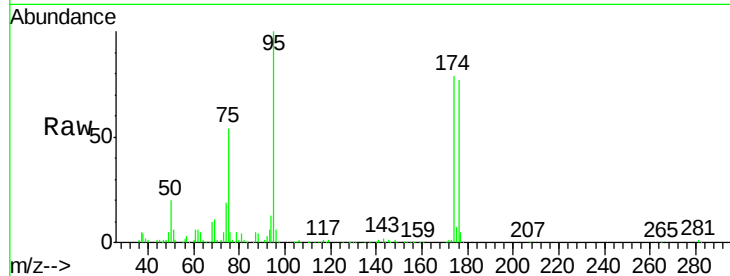




#62
4-Bromofluorobenzene
Concen: 57.663 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066829.D
Acq: 23 Sep 2020 12:43

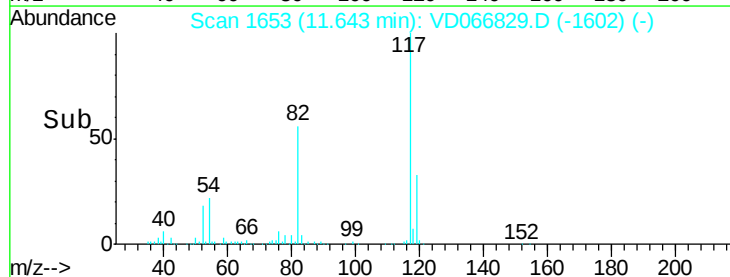
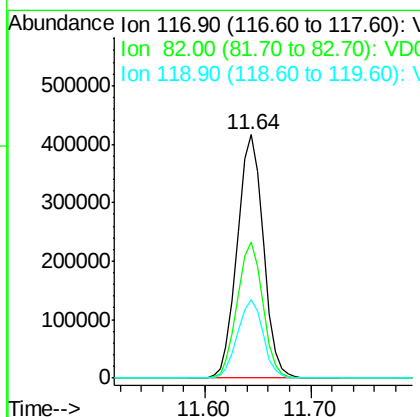
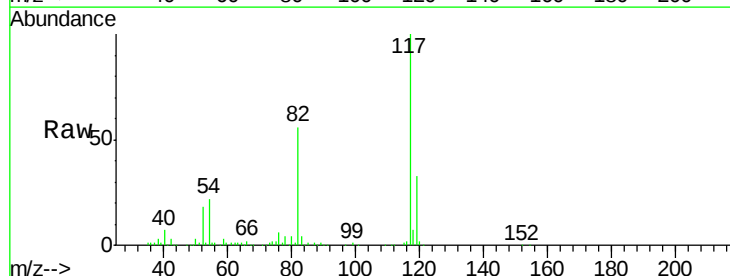
Instrument :
MSVOA_D
ClientSampleId :
021

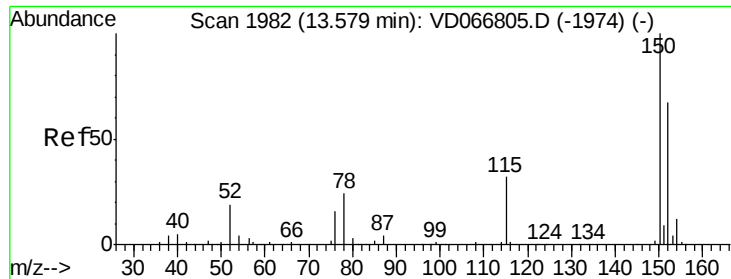
Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	159.8
176	75.7	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066829.D
Acq: 23 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	41.8	62.6
119	32.5	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: VD066829.D

Acq: 23 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

021

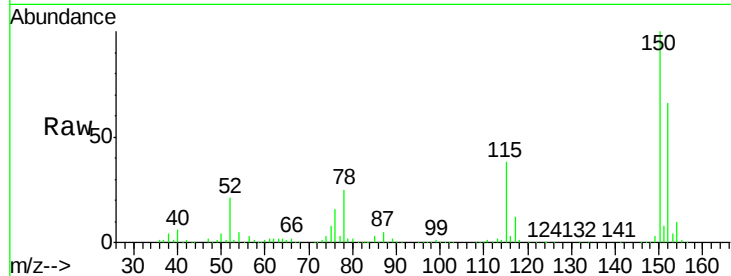
Tgt Ion:152 Resp: 322134

Ion Ratio Lower Upper

152 100

115 60.7 30.3 91.0

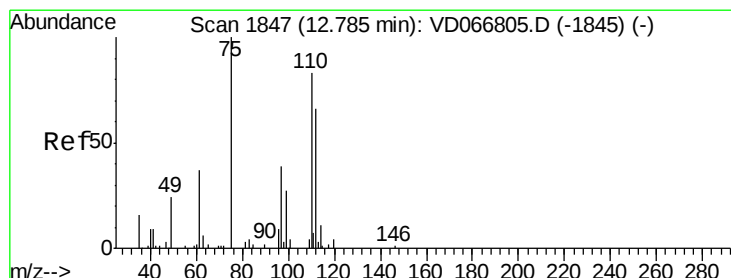
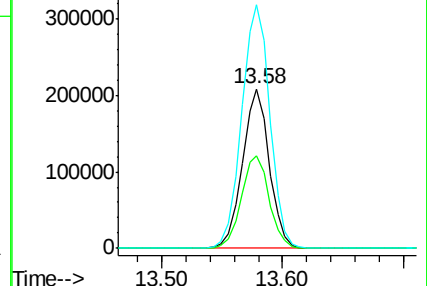
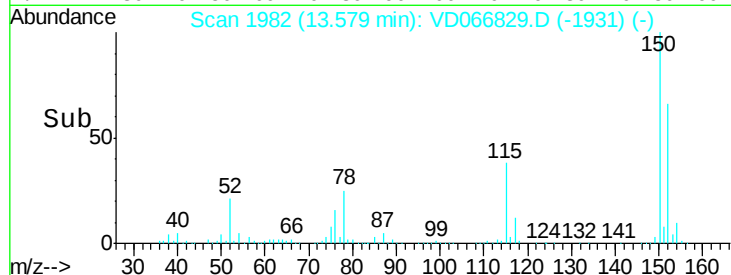
150 159.8 0.0 346.2



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: 60.501 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066829.D

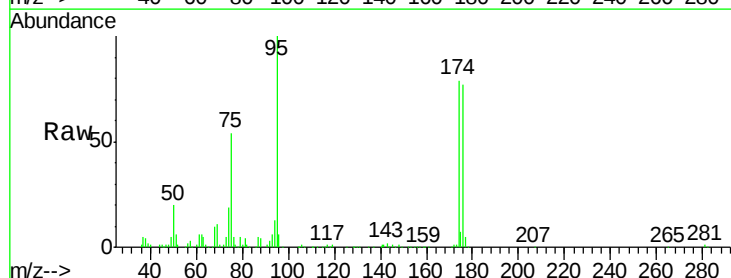
Acq: 23 Sep 2020 12:43

Tgt Ion: 75 Resp: 161512

Ion Ratio Lower Upper

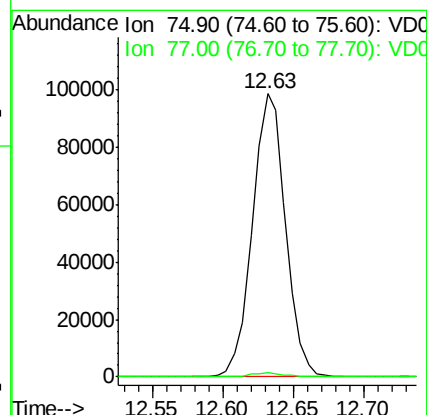
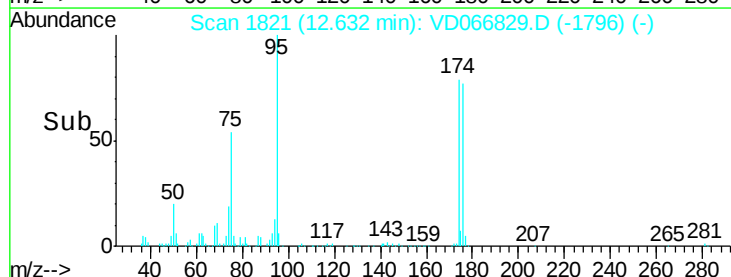
75 100

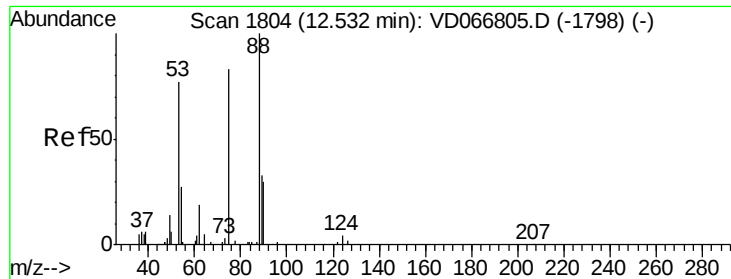
77 1.4 0.0 0.0#



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: 151.367 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066829.D

Acq: 23 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :
021

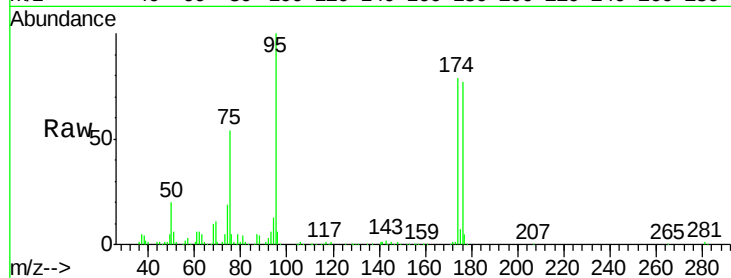
Tgt Ion: 75 Resp: 161512

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.0 38.1 57.1#



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

