

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067529.D
 Acq On : 04 Nov 2020 19:17
 Operator : VA/SY
 Sample : L4619-04RE
 Misc : 6.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-3-4-COMP

Quant Time: Nov 05 00:41:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	252774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	403143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	425771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	220079	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	138740	62.77	ug/l	0.00
Spiked Amount			Recovery	=	125.54%	
35) Dibromofluoromethane	7.92	113	137424	56.58	ug/l	0.00
Spiked Amount			Recovery	=	113.16%	
50) Toluene-d8	10.34	98	484188	56.72	ug/l	0.00
Spiked Amount			Recovery	=	113.44%	
62) 4-Bromofluorobenzene	12.64	95	188054	63.81	ug/l	0.00
Spiked Amount			Recovery	=	127.62%	

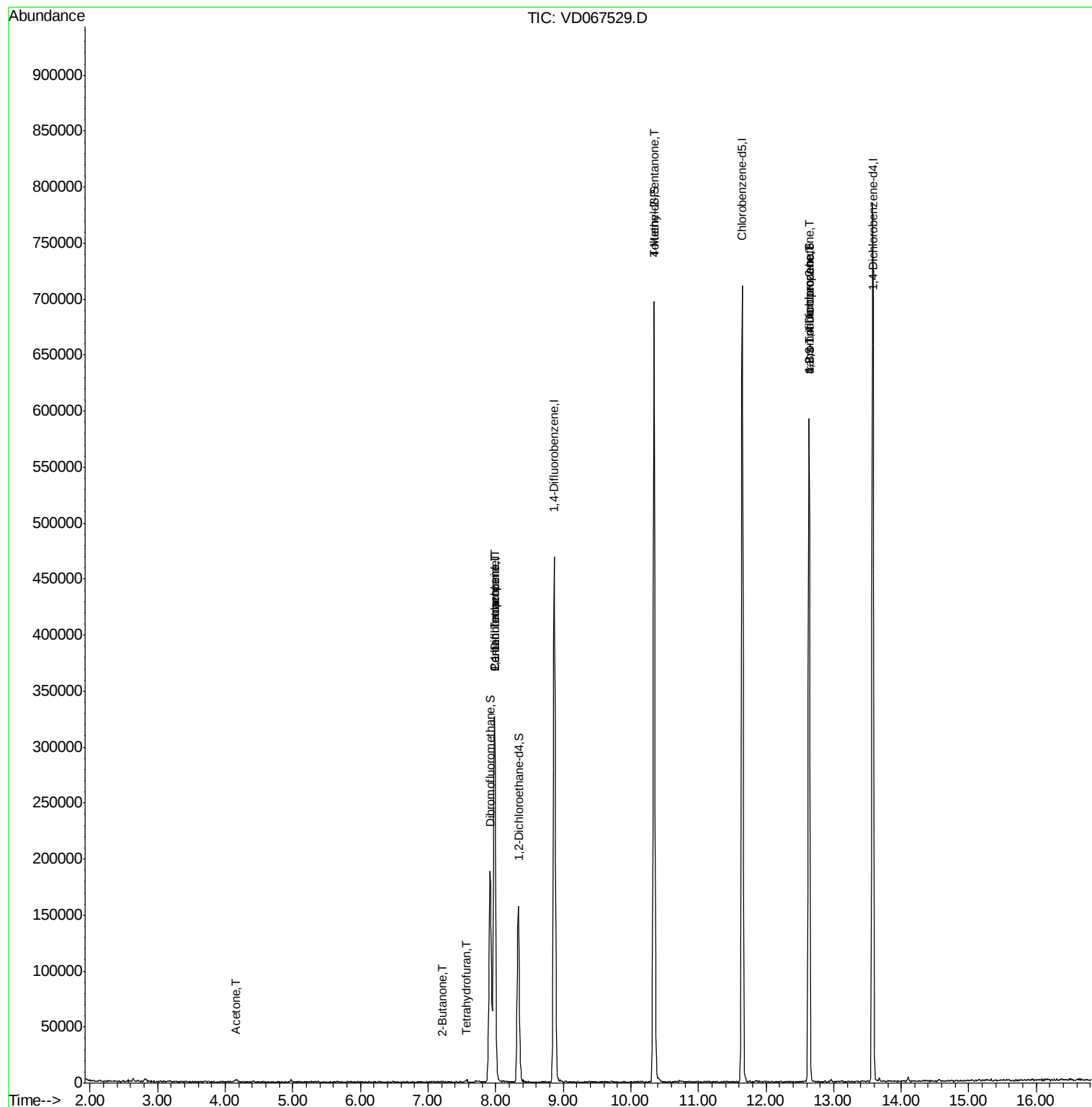
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	89	Below Cal	#	79
16) Acetone	4.16	43	4462	13.491	ug/l #	74
25) 2-Butanone	7.22	43	445	1.259	ug/l #	42
29) Tetrahydrofuran	7.56	42	1242	5.867	ug/l #	56
36) 1,1-Dichloropropene	7.98	75	17709	5.132	ug/l #	50
38) Carbon Tetrachloride	7.98	117	26235	5.851	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	1873	2.210	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	97575	73.495	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	97575	149.214	ug/l #	10

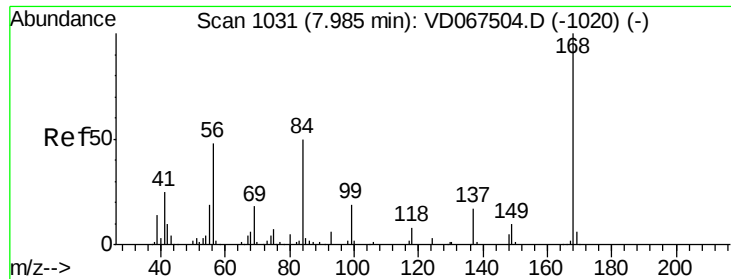
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110420\
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067529.D

Acq: 04 Nov 2020 19:17

Instrument :

MSVOA_D

ClientSampleId :

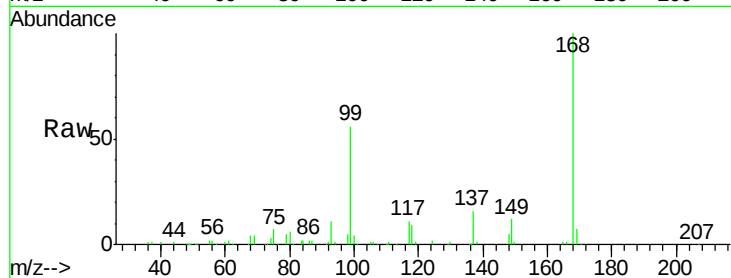
TP-1-3-4-COMP

Tot Ion:168 Resp: 252774

Ion Ratio Lower Upper

168 100

99 55.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

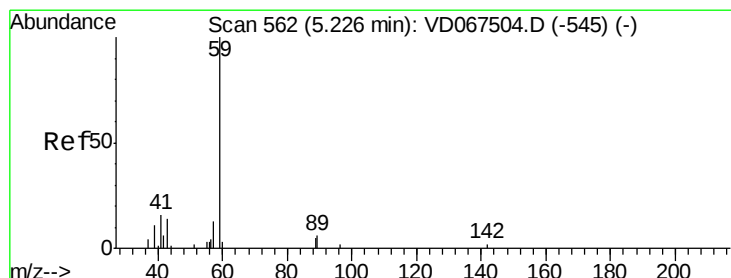
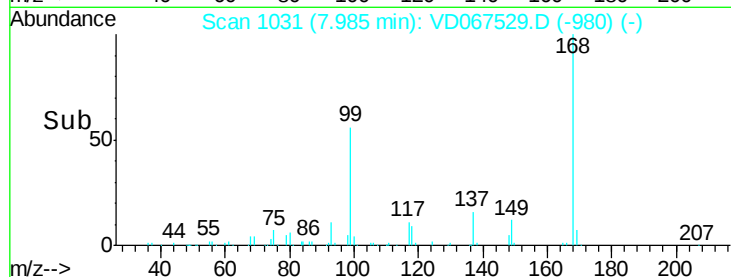
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD067529.D

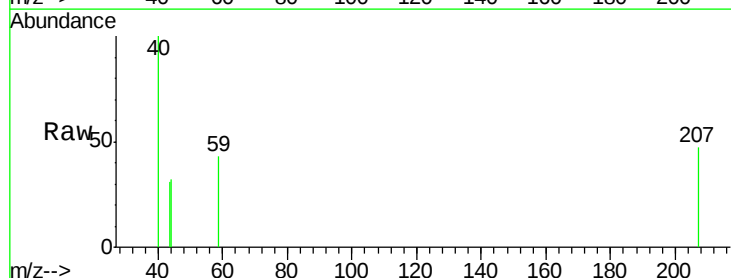
Acq: 04 Nov 2020 19:17

Tgt Ion: 59 Resp: 89

Ion Ratio Lower Upper

59 100

57 0.0 5.9 8.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

300

250

200

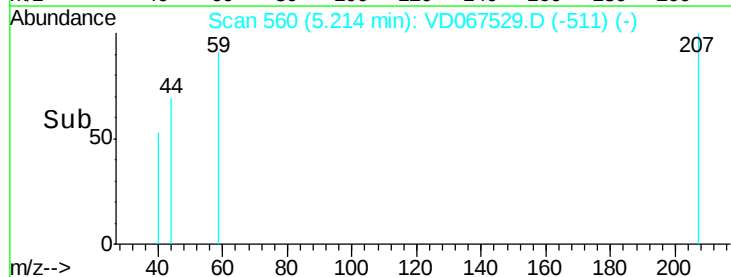
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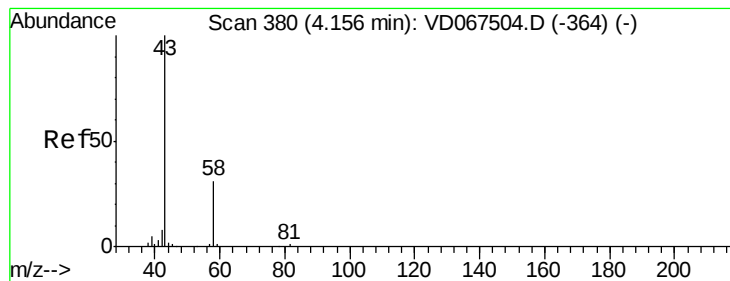
100

50

0

Time-->





#16

Acetone

Concen: 13.491 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067529.D

Acq: 04 Nov 2020 19:17

Instrument :

MSVOA_D

ClientSampleId :

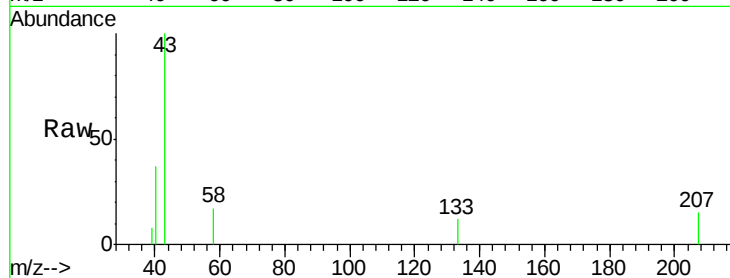
TP-1-3-4-COMP

Tot Ion: 43 Resp: 4462

Ion Ratio Lower Upper

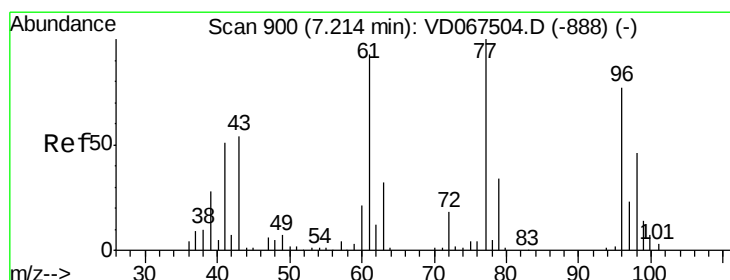
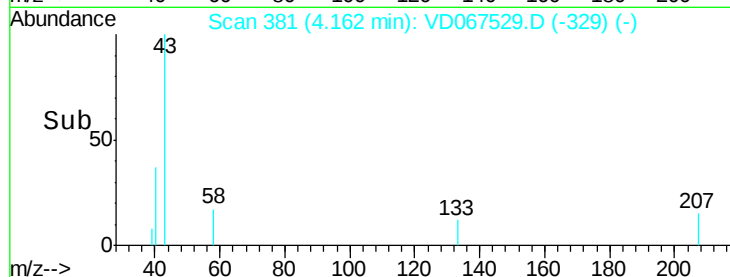
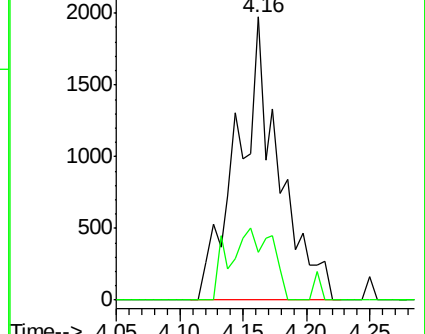
43 100

58 17.1 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#25

2-Butanone

Concen: 1.259 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067529.D

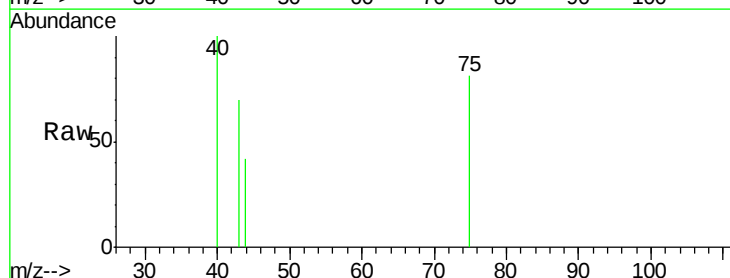
Acq: 04 Nov 2020 19:17

Tgt Ion: 43 Resp: 445

Ion Ratio Lower Upper

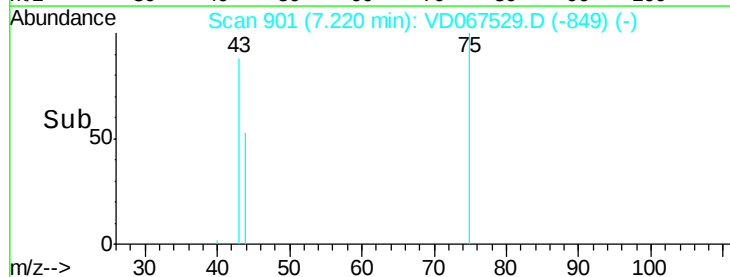
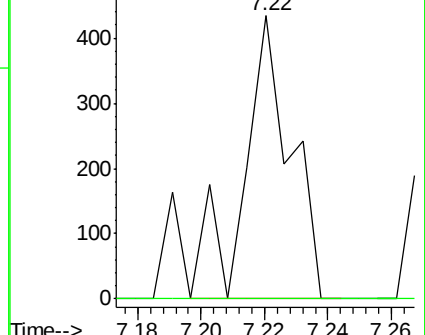
43 100

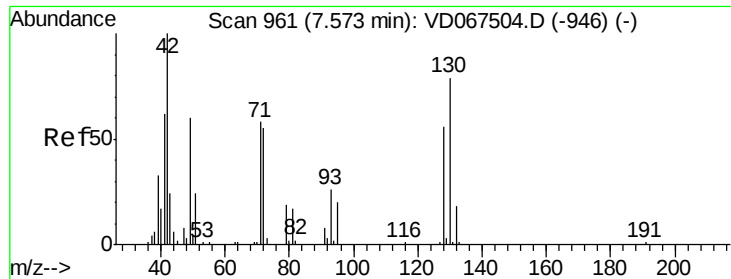
72 0.0 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

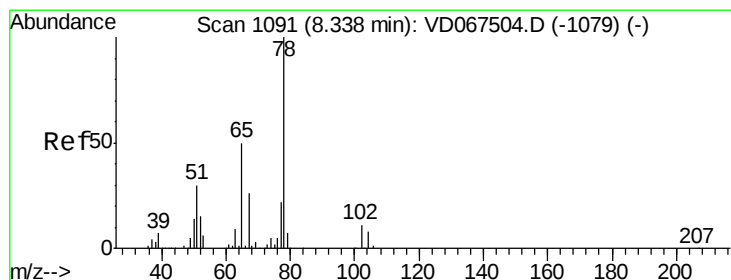
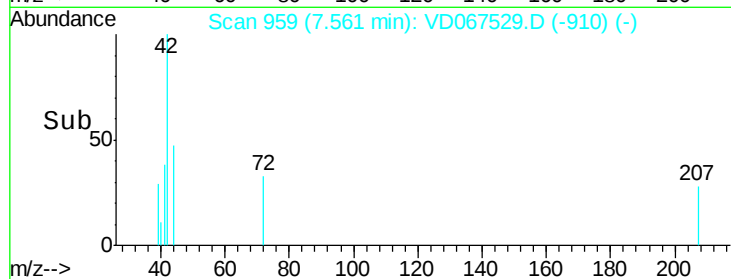
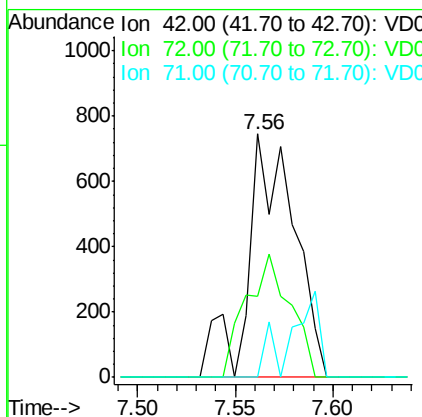
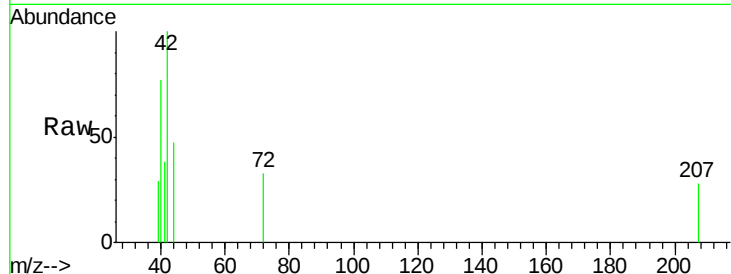




#29
Tetrahydrofuran
Concen: 5.867 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067529.D
Acq: 04 Nov 2020 19:17

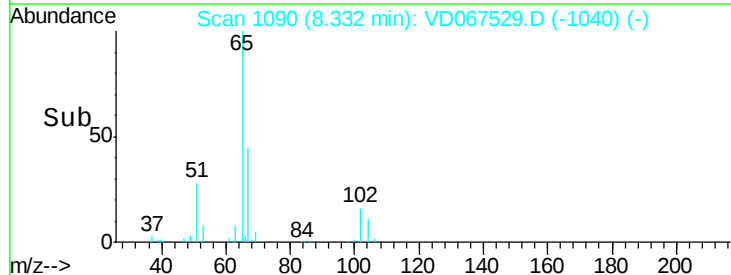
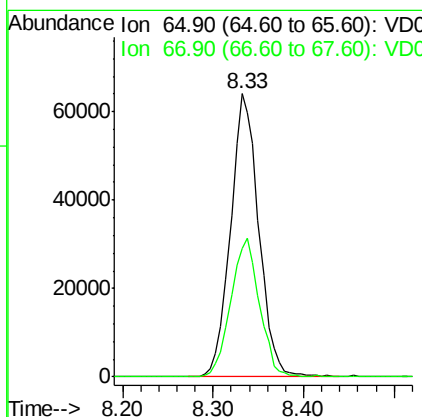
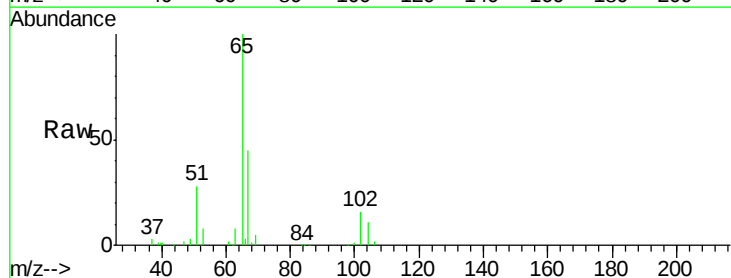
Instrument :
MSVOA_D
ClientSampleId :
TP-1-3-4-COMP

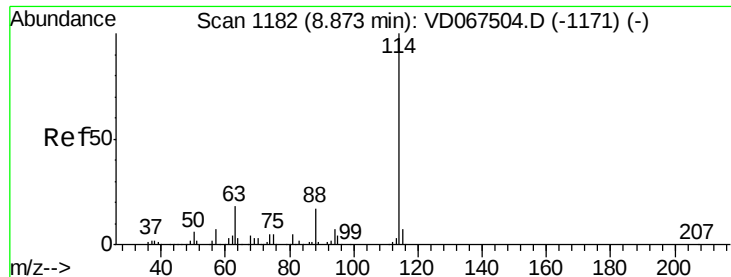
Tot Ion: 42 Resp: 1242
Ion Ratio Lower Upper
42 100
72 47.3 46.3 69.5
71 0.0 44.0 66.0#



#33
1,2-Dichloroethane-d4
Concen: 62.772 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067529.D
Acq: 04 Nov 2020 19:17

Tgt Ion: 65 Resp: 138740
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.4

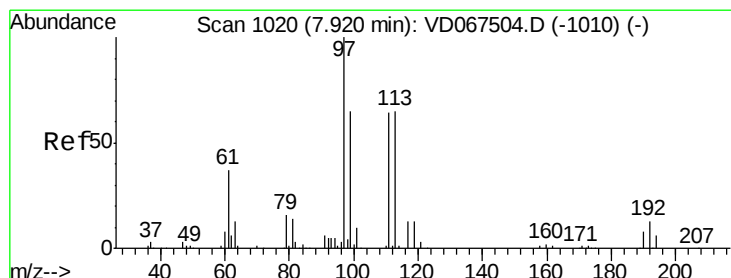
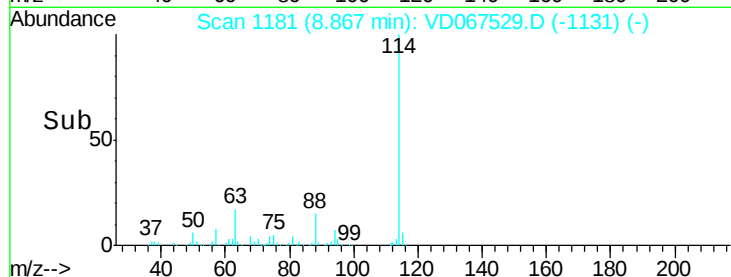
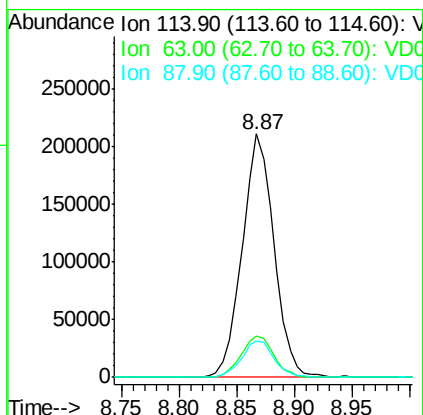
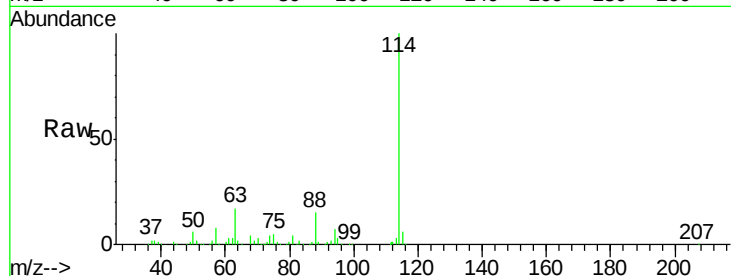




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067529.D
 Acq: 04 Nov 2020 19:17

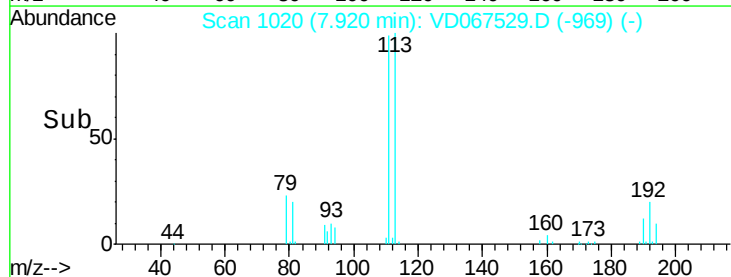
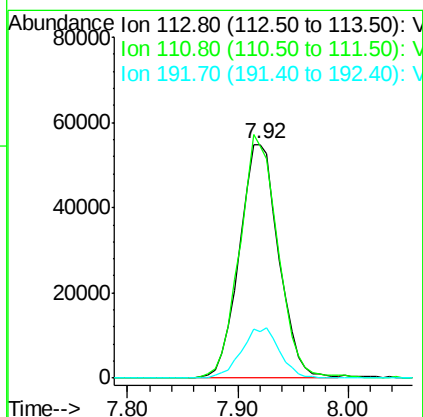
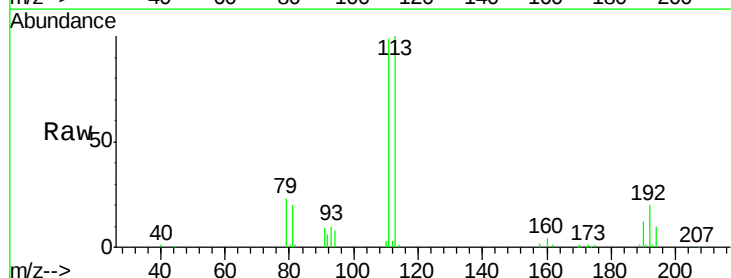
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-3-4-COMPRE

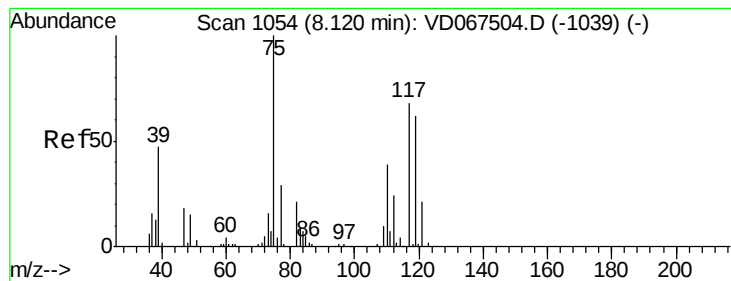
Tot Ion:114 Resp: 403143
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 35.0
 88 15.1 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 56.578 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067529.D
 Acq: 04 Nov 2020 19:17

Tgt Ion:113 Resp: 137424
 Ion Ratio Lower Upper
 113 100
 111 101.3 80.0 120.0
 192 20.8 16.3 24.5





#36

1,1-Dichloropropene

Concen: 5.132 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067529.D

Acq: 04 Nov 2020 19:17

Instrument :

MSVOA_D

ClientSampleId :

TP-1-3-4-COMPRE

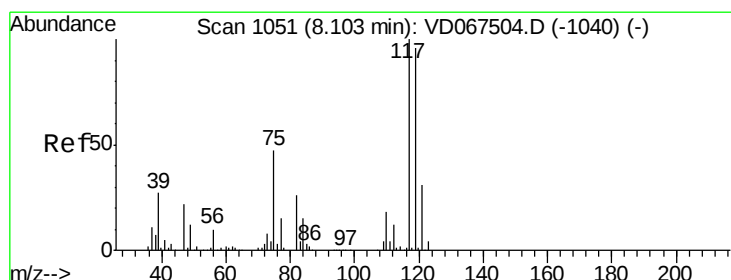
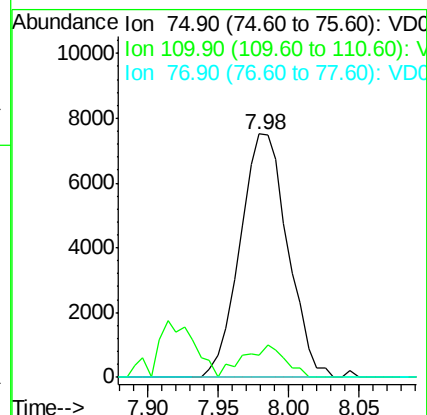
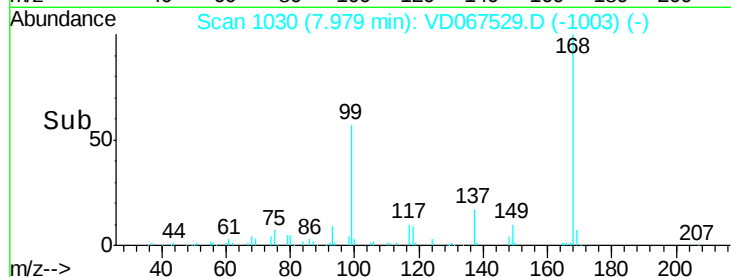
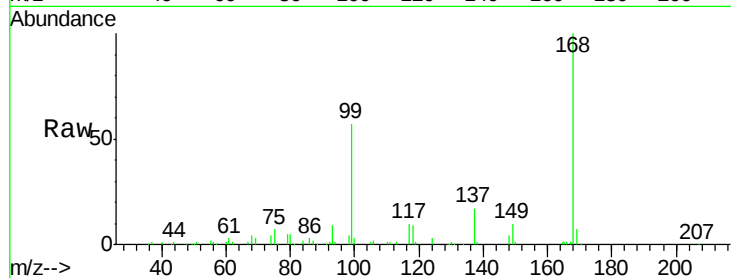
Tot Ion: 75 Resp: 17709

Ion Ratio Lower Upper

75 100

110 11.6 19.9 59.7#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.851 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067529.D

Acq: 04 Nov 2020 19:17

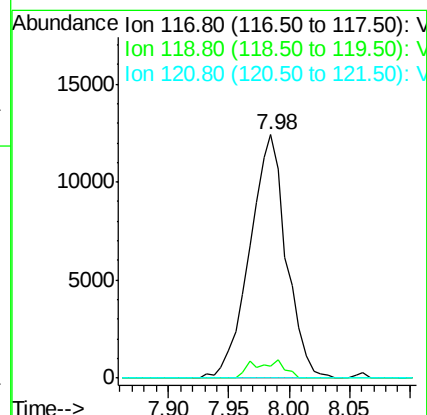
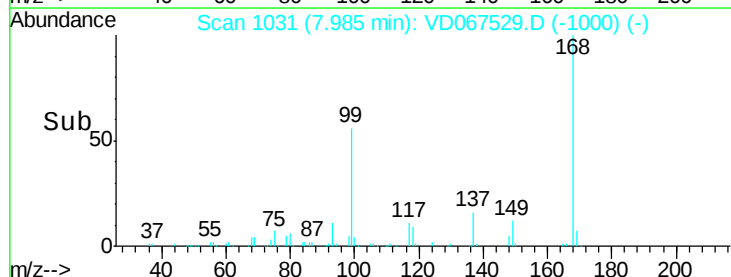
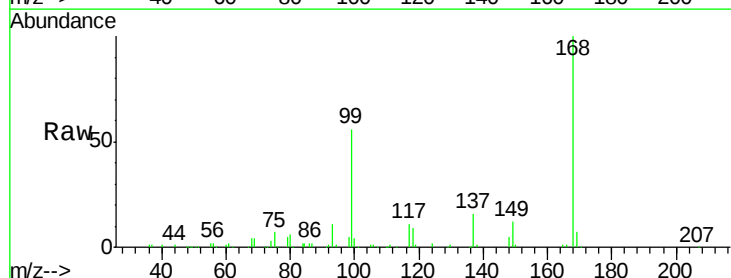
Tgt Ion: 117 Resp: 26235

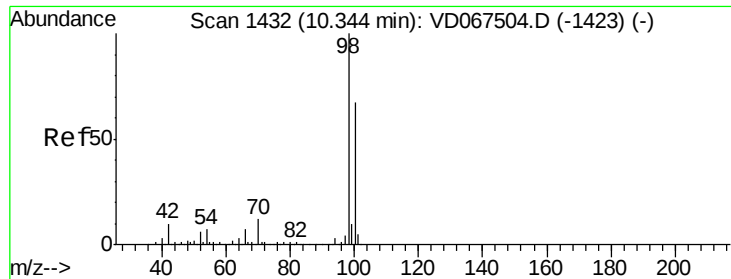
Ion Ratio Lower Upper

117 100

119 5.0 76.9 115.3#

121 0.0 24.5 36.7#

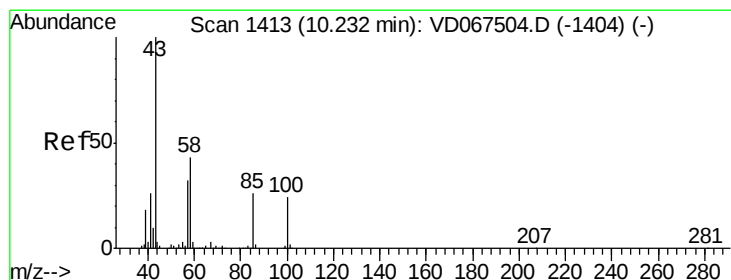
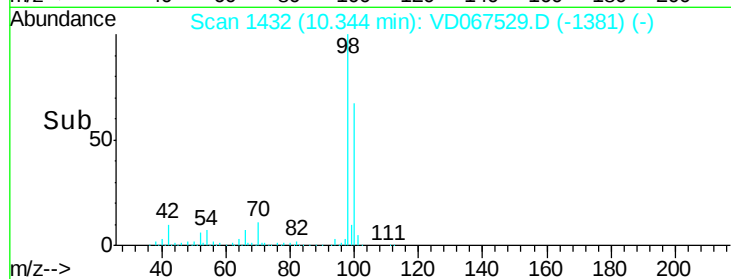
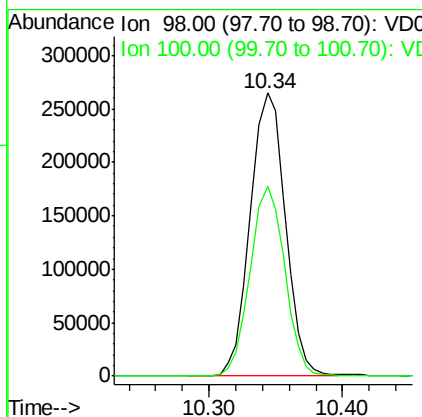
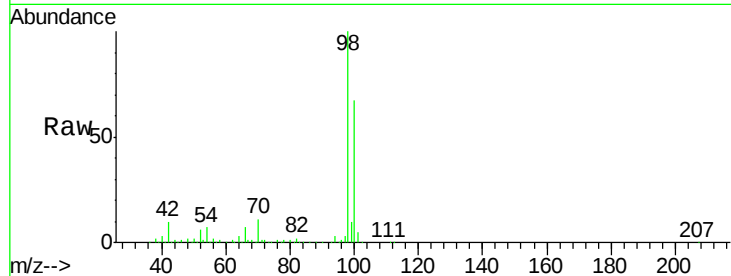




#50
Toluene-d8
Concen: 56.724 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067529.D
Acq: 04 Nov 2020 19:17

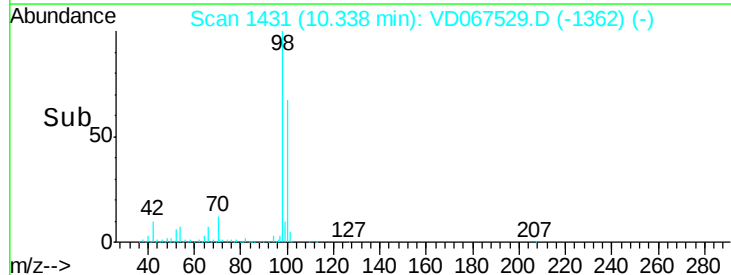
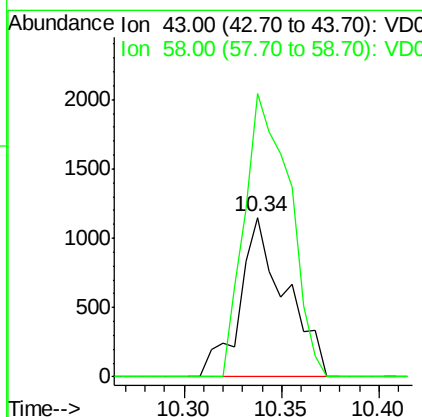
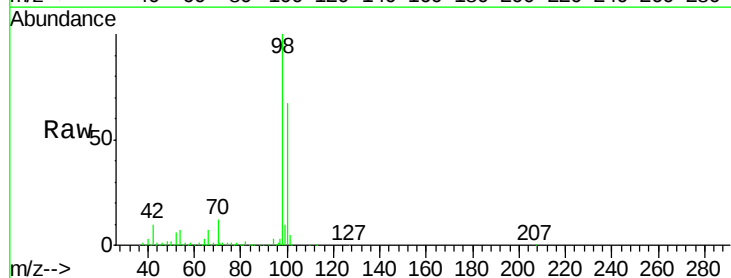
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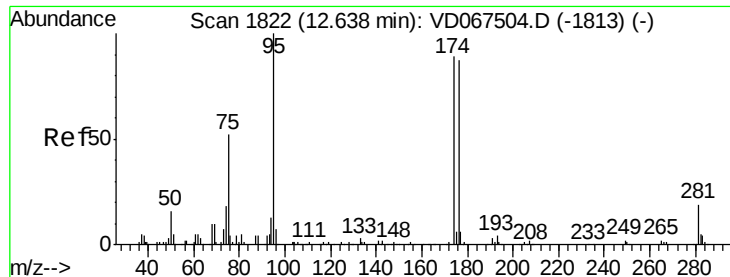
Tot Ion: 98 Resp: 484188
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 2.210 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD067529.D
Acq: 04 Nov 2020 19:17

Tgt Ion: 43 Resp: 1873
Ion Ratio Lower Upper
43 100
58 175.6 35.6 53.4#

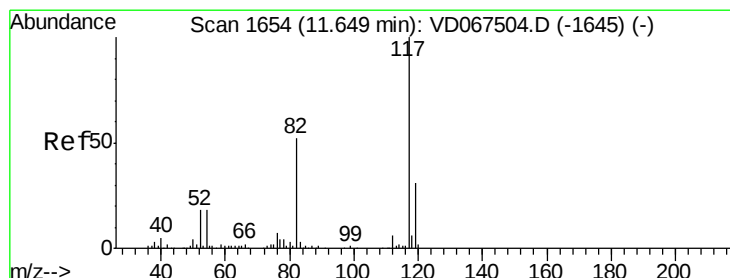
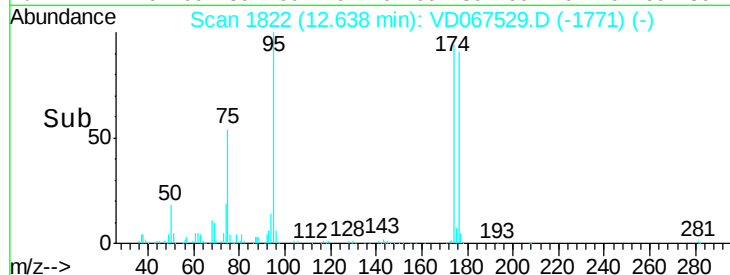
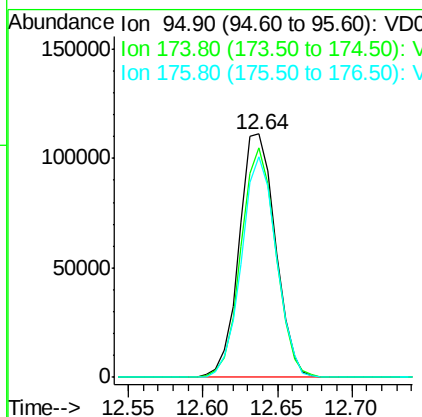
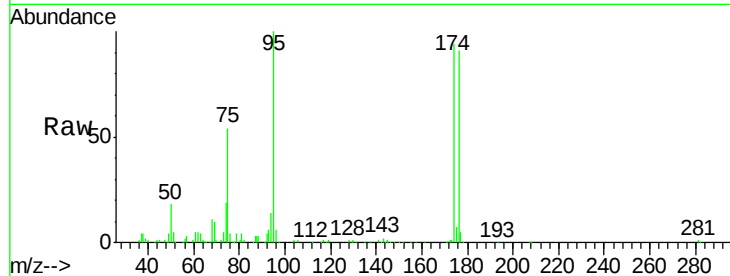




#62
4-Bromofluorobenzene
Concen: 63.813 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067529.D
Acq: 04 Nov 2020 19:17

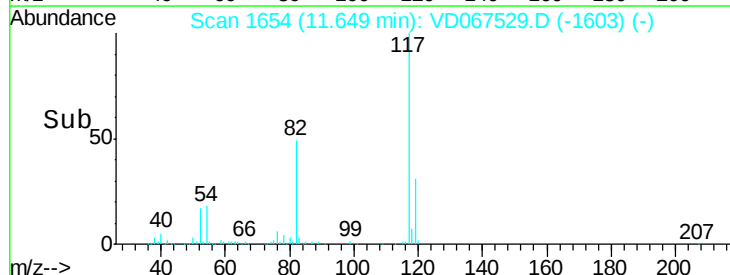
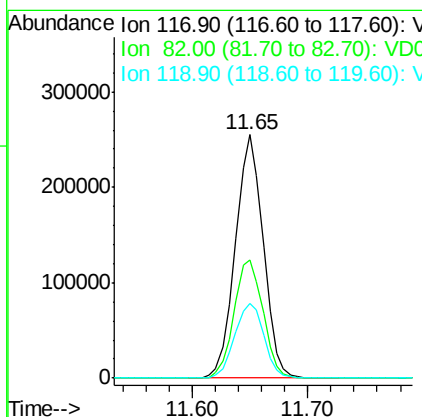
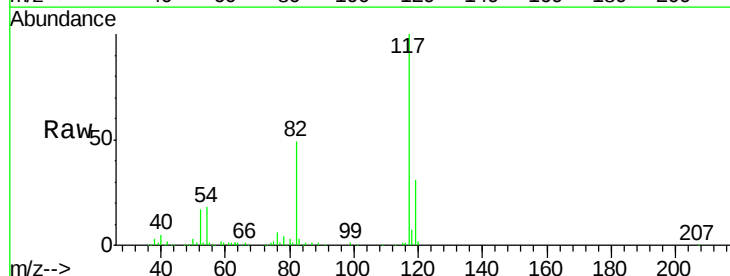
Instrument :
MSVOA_D
ClientSampleId :
TP-1-3-4-COMP

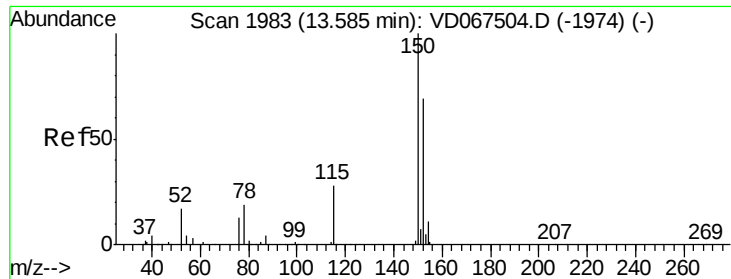
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	177.8
176	86.4	0.0	172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067529.D
Acq: 04 Nov 2020 19:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.7	41.6	62.4
119	30.7	25.1	37.7



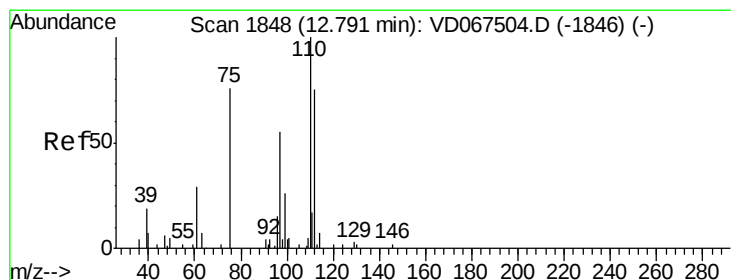
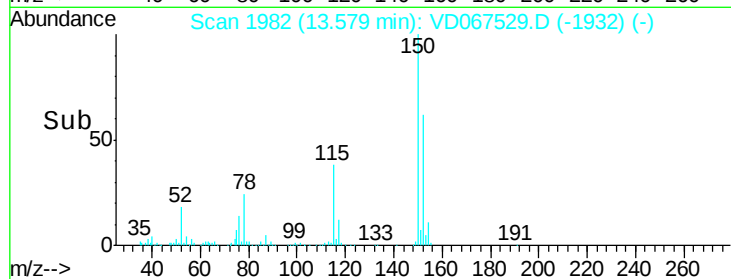
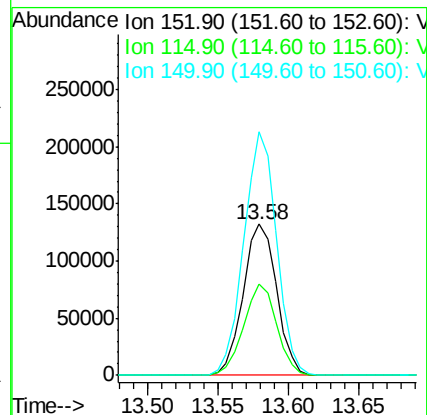
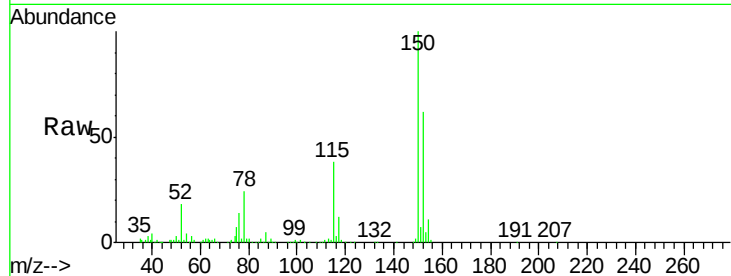


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067529.D
Acq: 04 Nov 2020 19:17

Instrument :
MSVOA_D
ClientSampleId :
TP-1-3-4-COMP

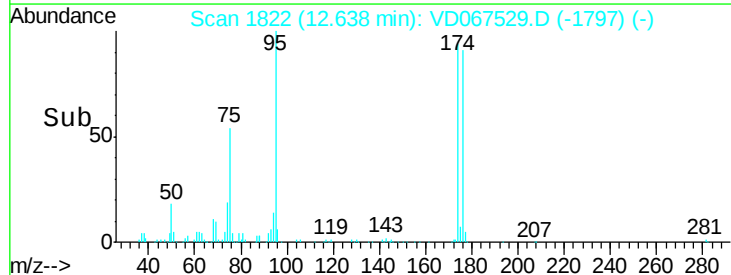
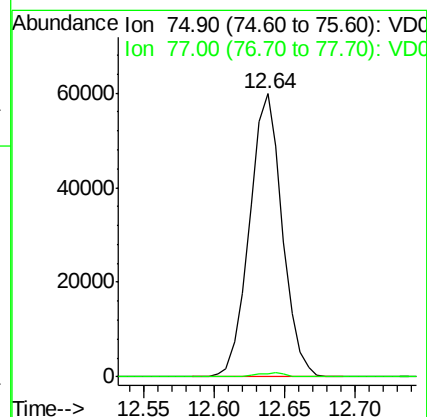
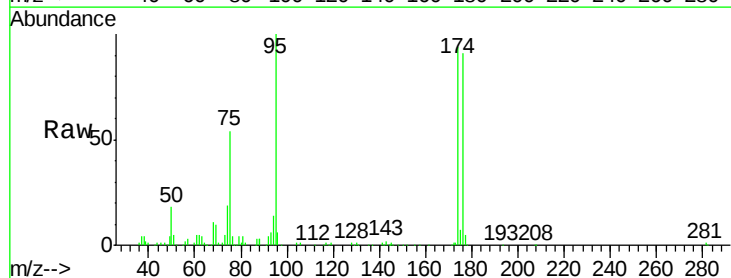
Tot Ion:152 Resp: 220079
Ion Ratio Lower Upper
152 100
115 59.4 29.3 88.0
150 157.3 0.0 338.2

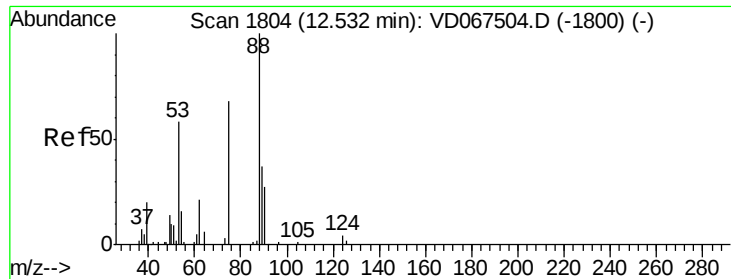


#76

1,2,3-Trichloropropane
Concen: 73.495 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067529.D
Acq: 04 Nov 2020 19:17

Tgt Ion: 75 Resp: 97575
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 149.214 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067529.D

Acq: 04 Nov 2020 19:17

Instrument :

MSVOA_D

ClientSampleId :

TP-1-3-4-COMP

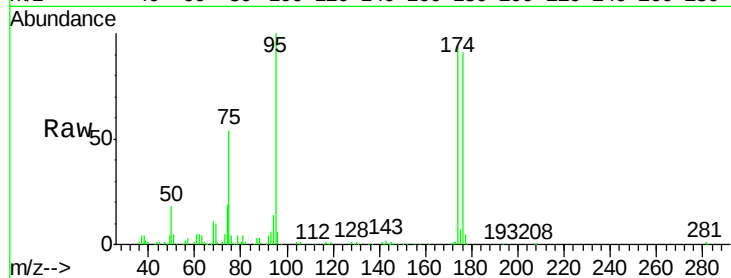
Tot Ion: 75 Resp: 97575

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#



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

