

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075066.D
 Acq On : 28 Dec 2022 15:24
 Operator : KP/SY
 Sample : N6219-01
 Misc : 3.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RB-21147

Quant Time: Dec 29 03:51:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

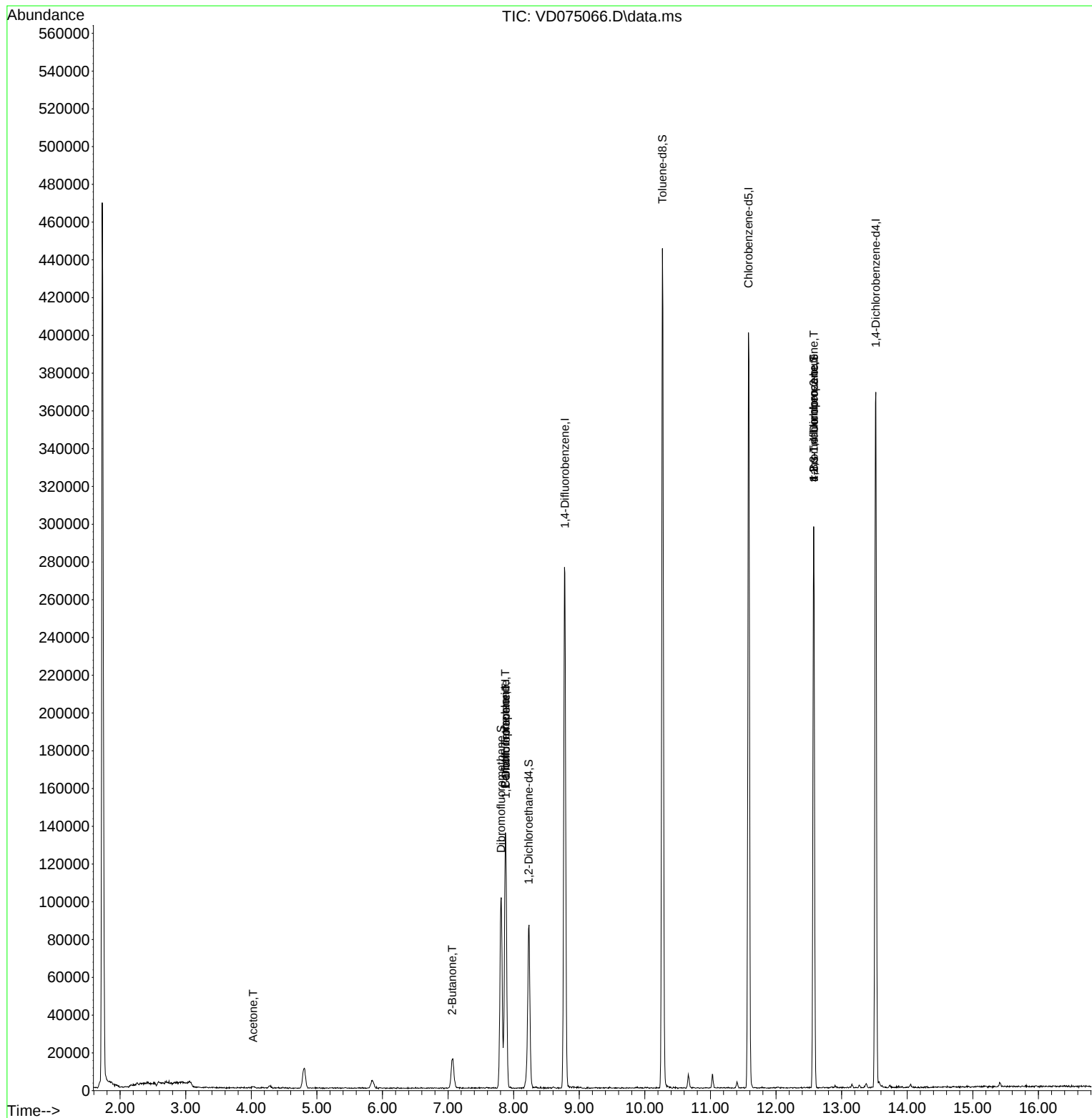
Internal Standards						
1) Pentafluorobenzene	7.875	168	106549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	253391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	99479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65216	62.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.240%	
35) Dibromofluoromethane	7.810	113	76270	51.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.300%	
50) Toluene-d8	10.269	98	310279	51.502	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.575	95	103822	53.194	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.380%	
Target Compounds						
3) Chloromethane	2.146	50	505	Below Cal	#	Qvalue 69
5) Bromomethane	2.699	94	617	Below Cal		83
11) Tert butyl alcohol	5.040	59	67	Below Cal	#	84
16) Acetone	4.028	43	1504	5.560	ug/l #	82
17) Carbon Disulfide	4.269	76	1301	Below Cal	#	75
18) Methyl Acetate	4.311	43	128	Below Cal	#	44
25) 2-Butanone	7.063	43	459	1.272	ug/l #	39
31) Cyclohexane	7.875	56	2411	Below Cal	#	1
36) 1,1-Dichloropropene	7.881	75	8493	4.410	ug/l #	47
38) Carbon Tetrachloride	7.875	117	10936	6.567	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	51554	50.543	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	51554	117.140	ug/l #	19

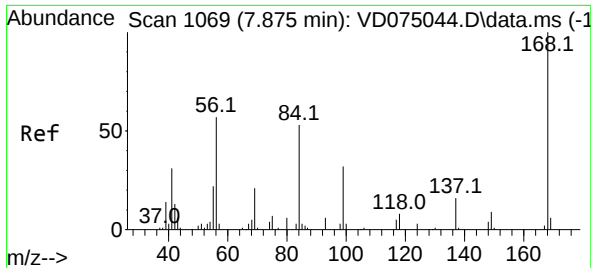
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 29 03:51:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 23 05:54:19 2022
Response via : Initial Calibration

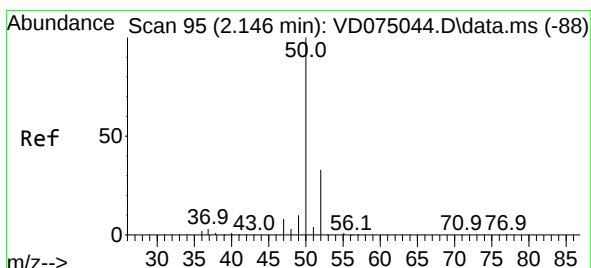
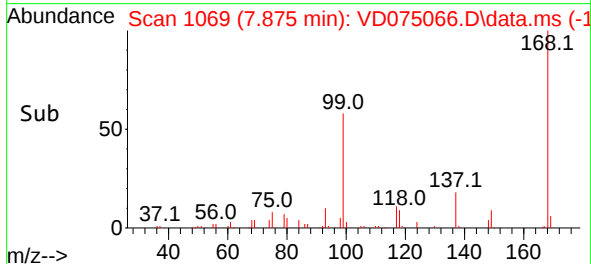
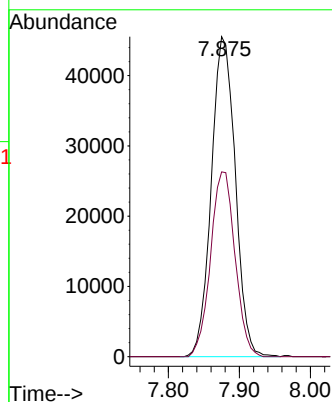
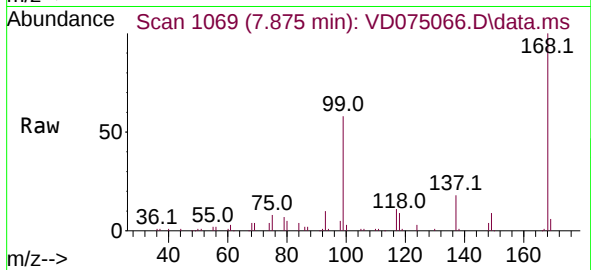




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

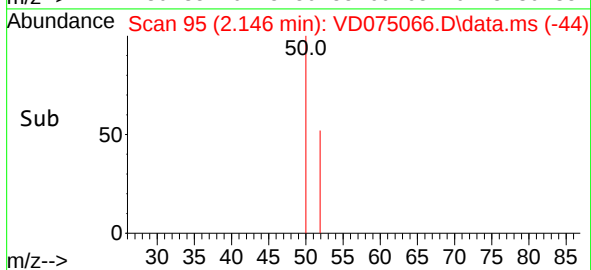
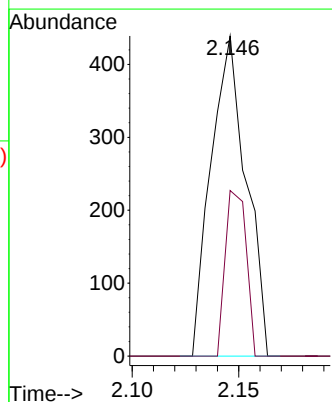
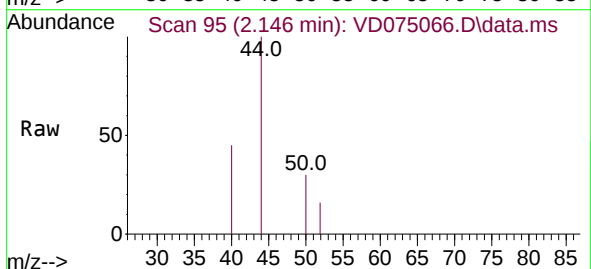
Instrument :
MSVOA_D
ClientSampleId :
RB-21147

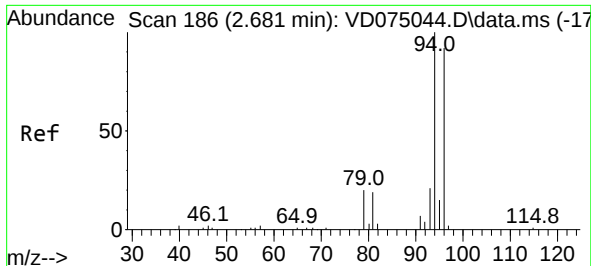
Tgt Ion:168 Resp: 106549
Ion Ratio Lower Upper
168 100
99 57.7 40.3 60.5



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

Tgt Ion: 50 Resp: 505
Ion Ratio Lower Upper
50 100
52 51.7 27.2 40.8#

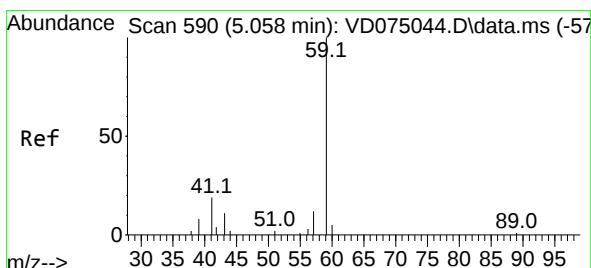
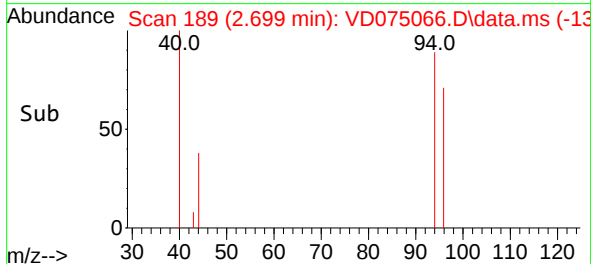
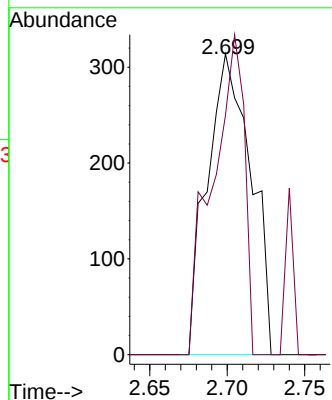
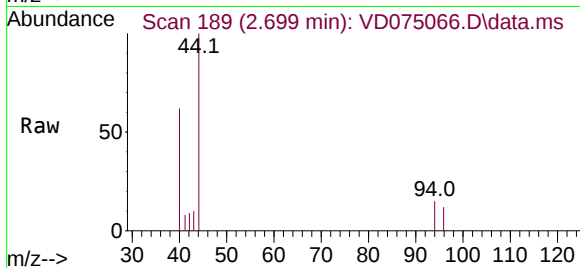




#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 11
Delta R.T. 0.018 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

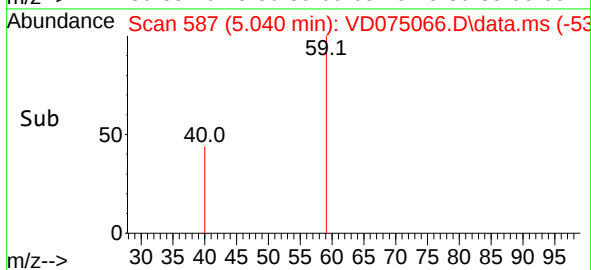
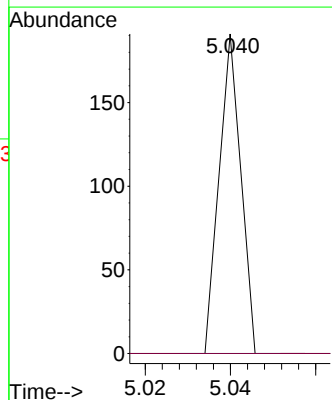
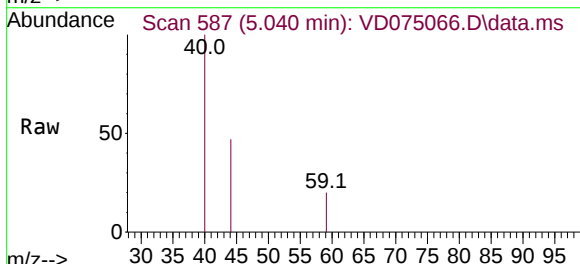
Instrument :
MSVOA_D
ClientSampleId :
RB-21147

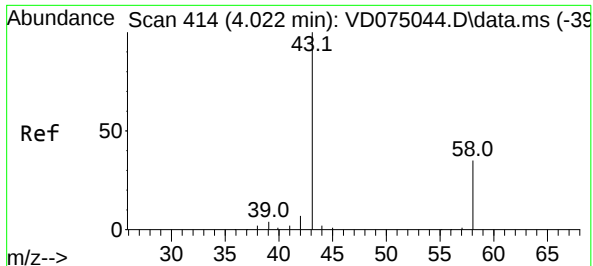
Tgt Ion: 94 Resp: 617
Ion Ratio Lower Upper
94 100
96 77.8 75.2 112.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.040 min Scan# 587
Delta R.T. -0.012 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

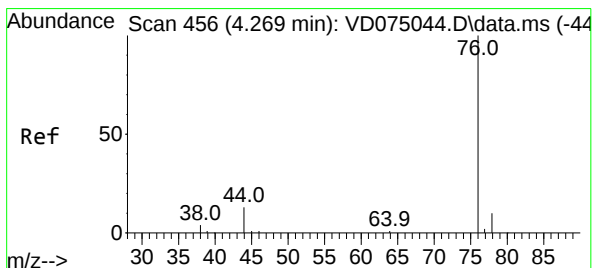
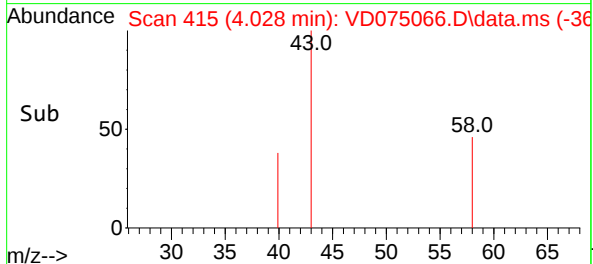
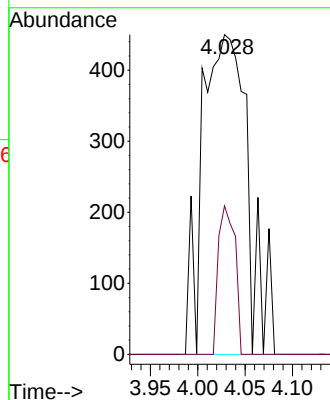
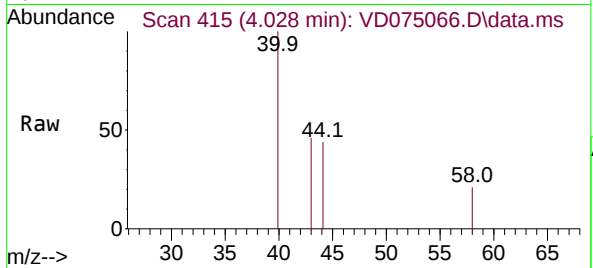




#16
Acetone
Concen: 5.560 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

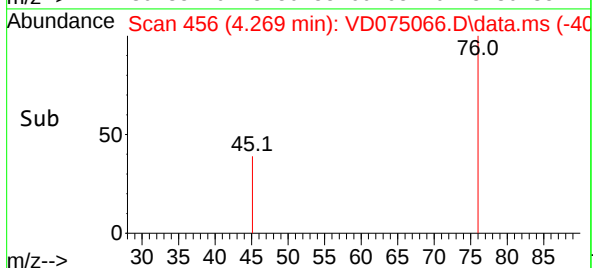
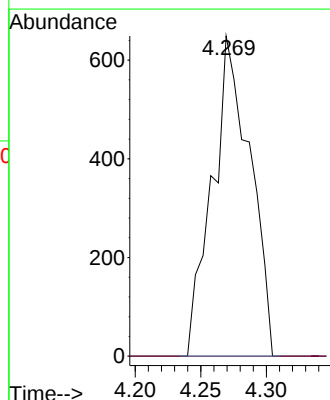
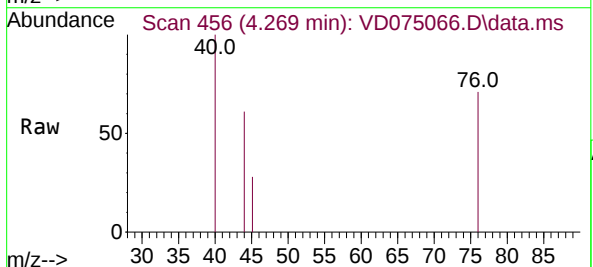
Instrument :
MSVOA_D
ClientSampleId :
RB-21147

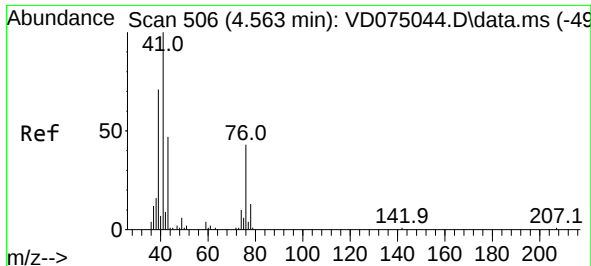
Tgt Ion: 43 Resp: 1504
Ion Ratio Lower Upper
43 100
58 46.4 28.6 43.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.269 min Scan# 456
Delta R.T. 0.005 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

Tgt Ion: 76 Resp: 1301
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

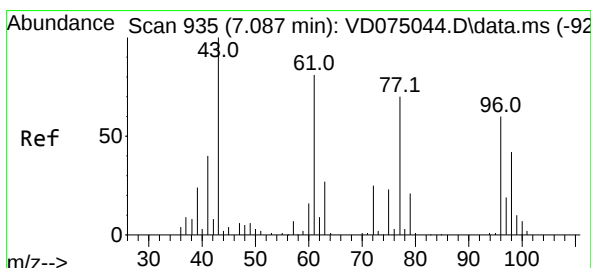
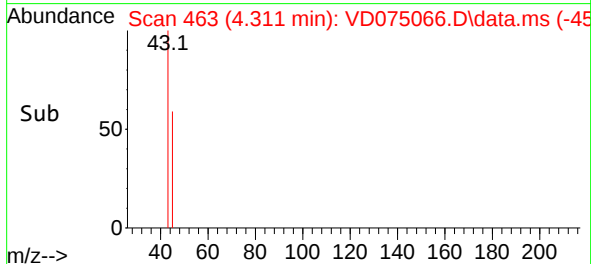
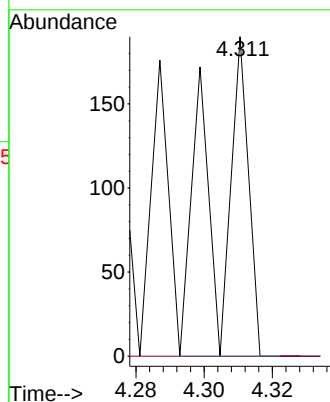
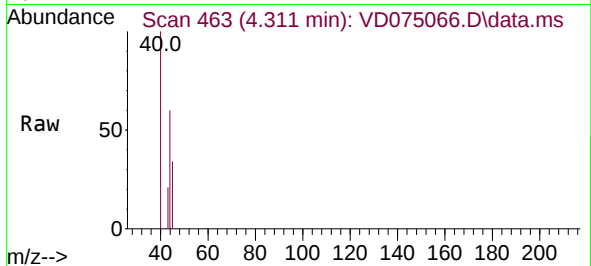




#18
Methyl Acetate
Concen: Below Cal
RT: 4.311 min Scan# 40
Delta R.T. -0.253 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

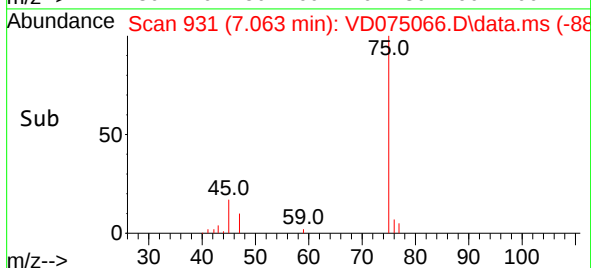
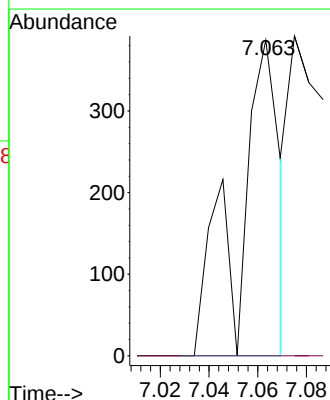
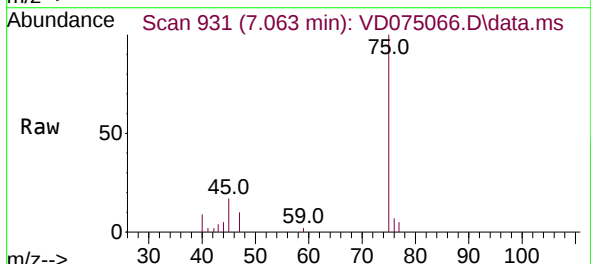
Instrument :
MSVOA_D
ClientSampleId :
RB-21147

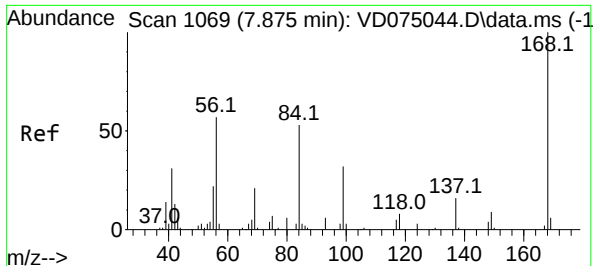
Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
74 0.0 24.5 36.7#



#25
2-Butanone
Concen: 1.272 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
72 0.0 28.4 42.6#

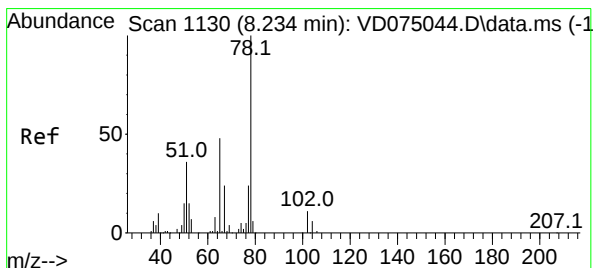
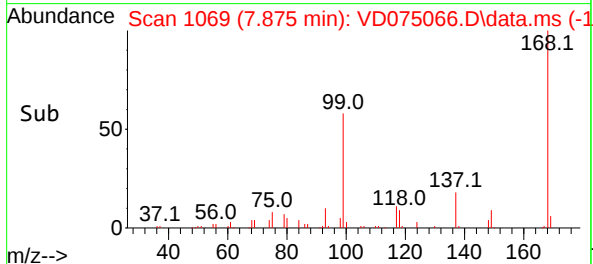
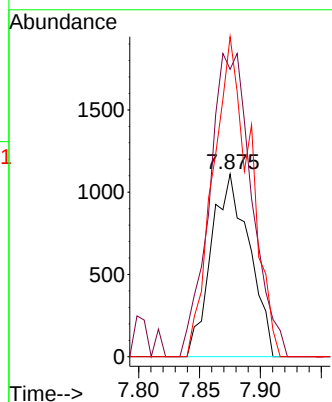
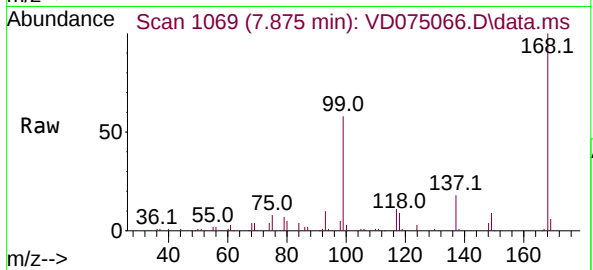




#31
Cyclohexane
Concen: Below Cal
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

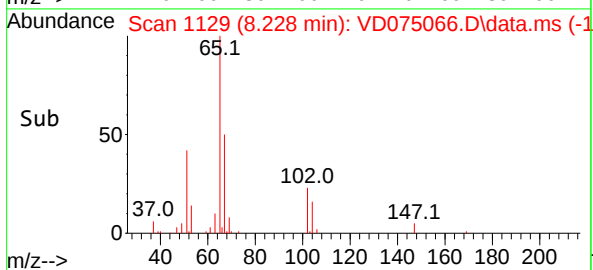
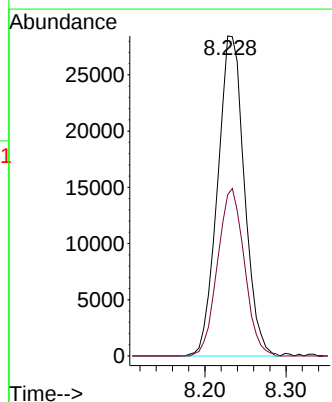
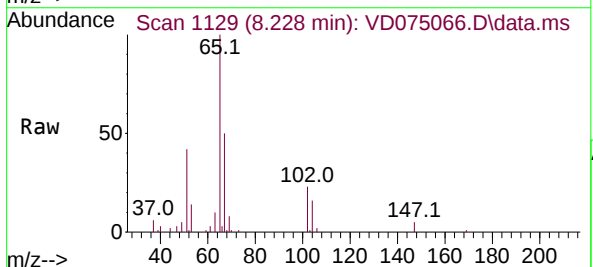
Instrument :
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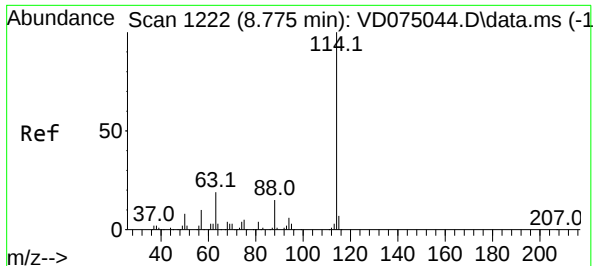
Tgt Ion: 56 Resp: 2411
Ion Ratio Lower Upper
56 100
69 157.4 29.4 44.2#
84 175.2 81.8 122.8#



#33
1,2-Dichloroethane-d4
Concen: 62.618 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

Tgt Ion: 65 Resp: 65216
Ion Ratio Lower Upper
65 100
67 52.5 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075066.D

Acq: 28 Dec 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

RB-21147

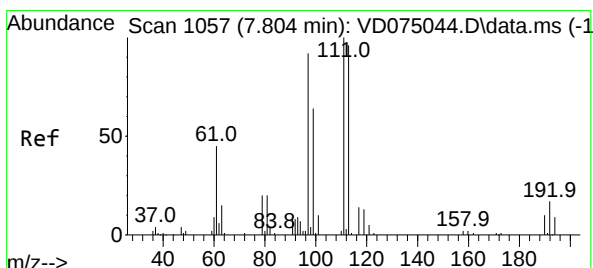
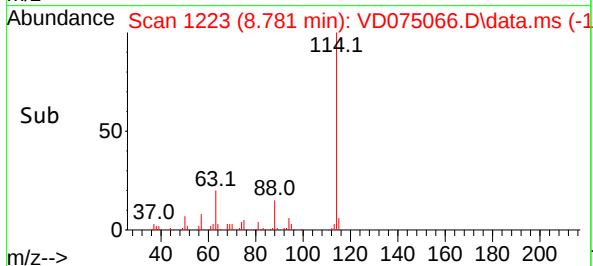
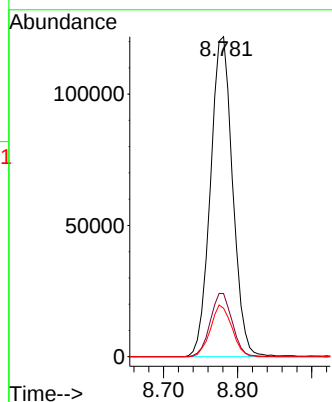
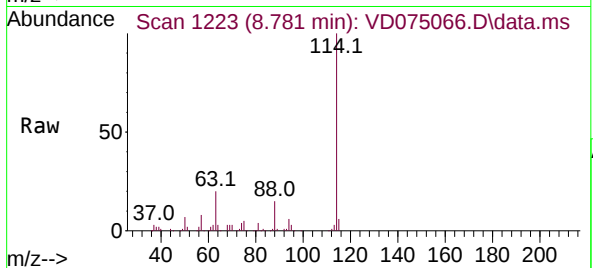
Tgt Ion:114 Resp: 253391

Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.8

88 15.2 0.0 27.8



#35

Dibromofluoromethane

Concen: 51.152 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075066.D

Acq: 28 Dec 2022 15:24

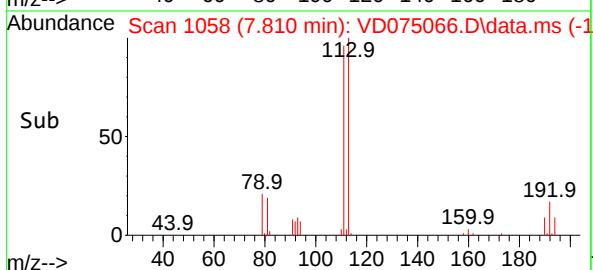
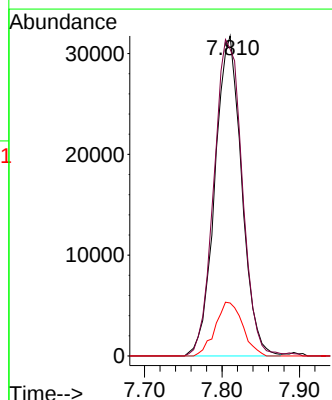
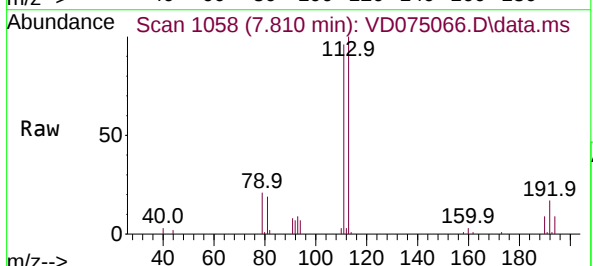
Tgt Ion:113 Resp: 76270

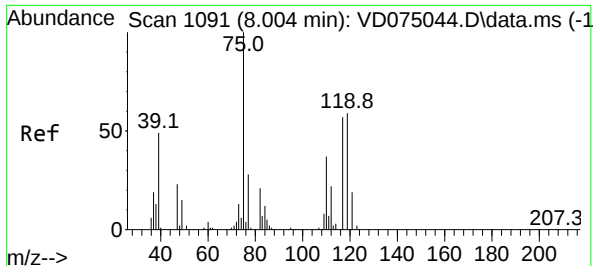
Ion Ratio Lower Upper

113 100

111 104.5 82.1 123.1

192 17.1 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.410 ug/l

RT: 7.881 min Scan# 1091

Delta R.T. -0.129 min

Lab File: VD075066.D

Acq: 28 Dec 2022 15:24

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RB-21147

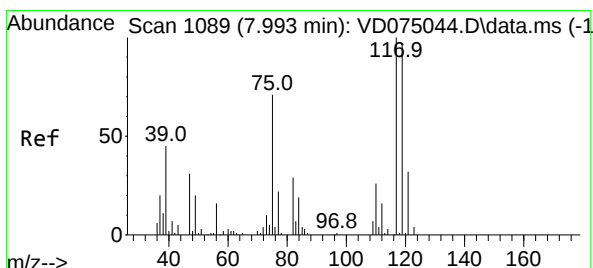
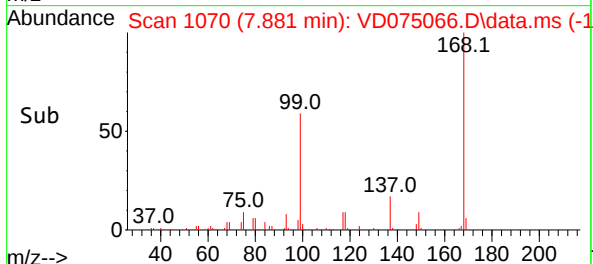
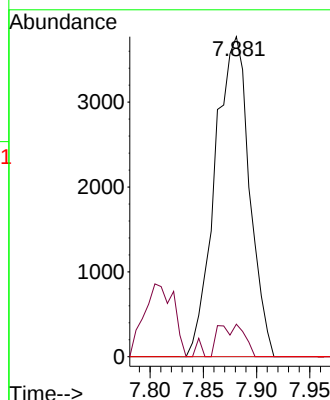
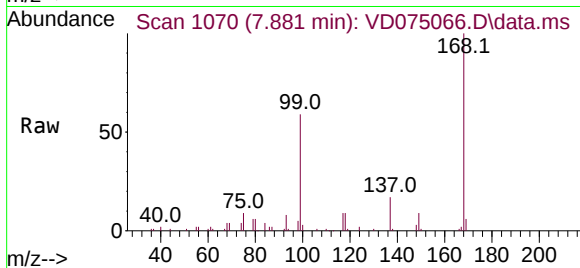
Tgt Ion: 75 Resp: 8493

Ion Ratio Lower Upper

75 100

110 7.6 19.0 57.0#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 6.567 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075066.D

Acq: 28 Dec 2022 15:24

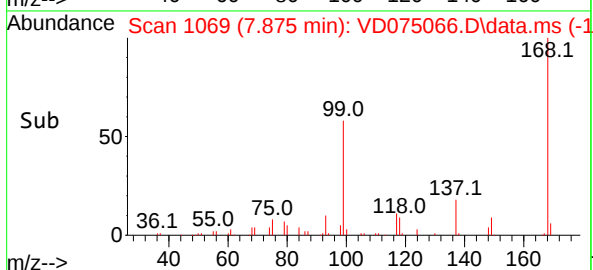
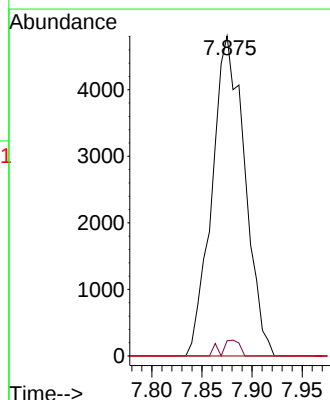
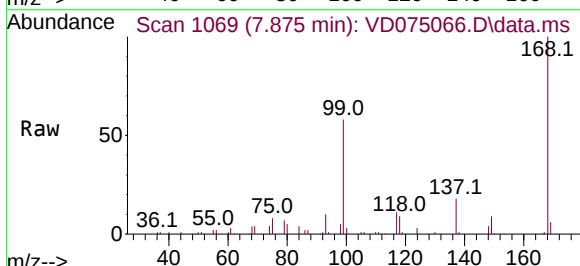
Tgt Ion: 117 Resp: 10936

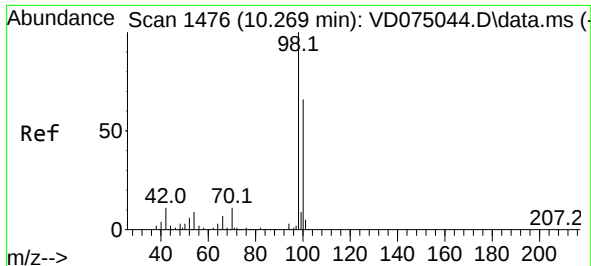
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

121 0.0 25.4 38.0#

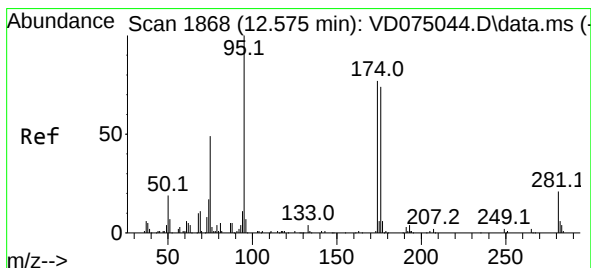
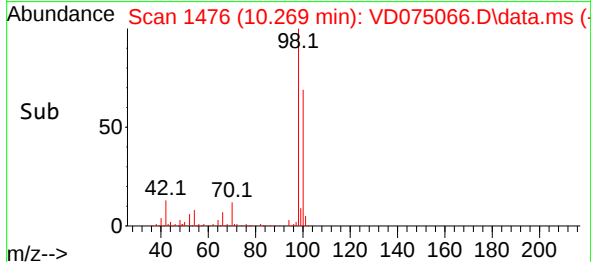
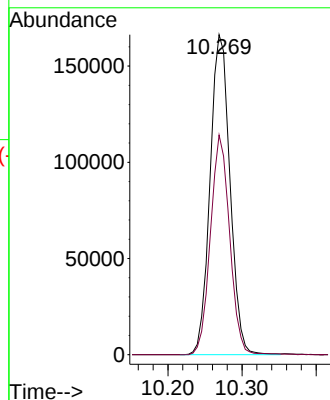
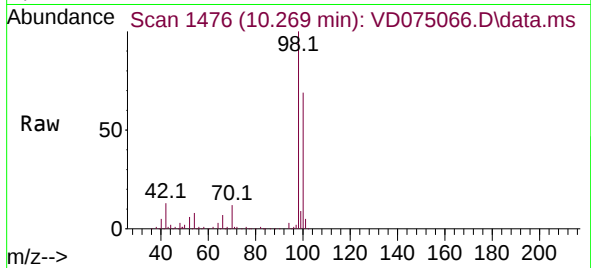




#50
Toluene-d8
Concen: 51.502 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

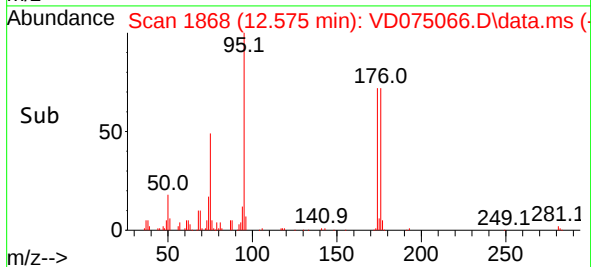
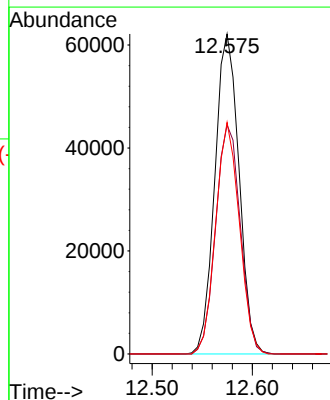
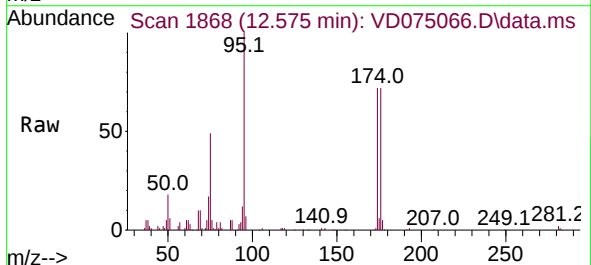
Instrument :
MSVOA_D
ClientSampleId :
RB-21147

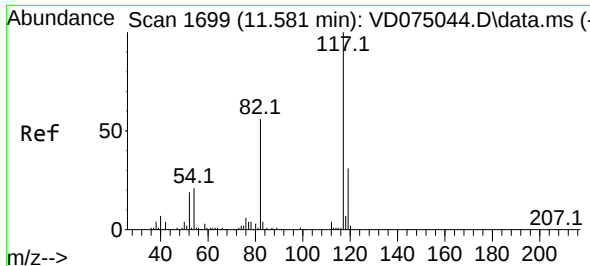
Tgt Ion: 98 Resp: 310279
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 53.194 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

Tgt Ion: 95 Resp: 103822
Ion Ratio Lower Upper
95 100
174 73.0 0.0 171.2
176 71.2 0.0 165.0

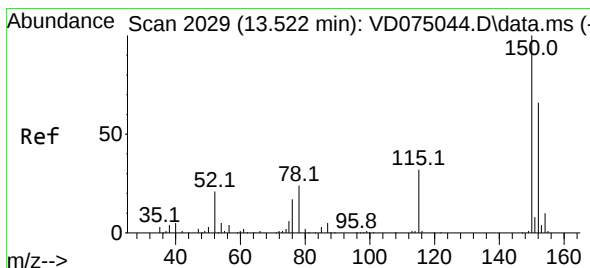
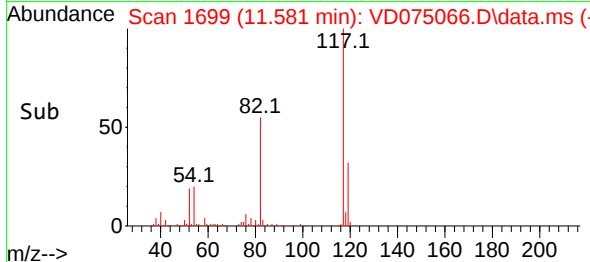
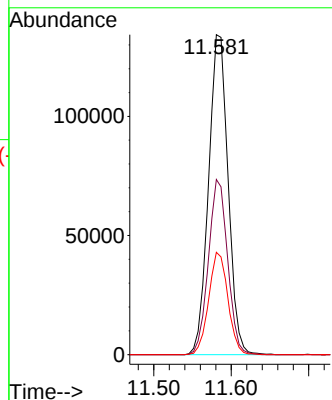
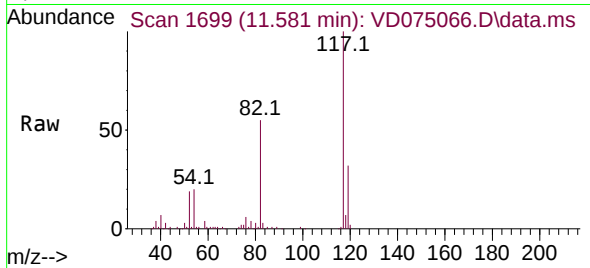




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

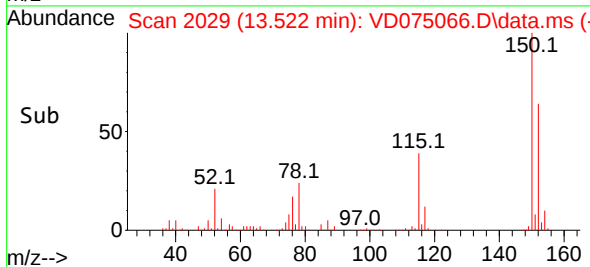
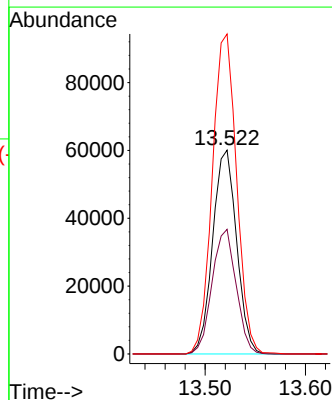
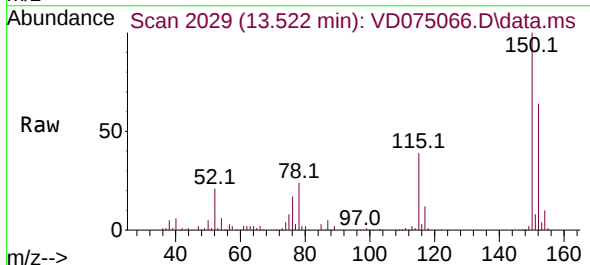
Instrument :
MSVOA_D
ClientSampleId :
RB-21147

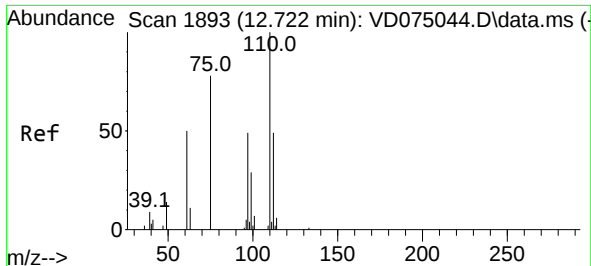
Tgt Ion:117 Resp: 235437
Ion Ratio Lower Upper
117 100
82 54.7 40.9 61.3
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

Tgt Ion:152 Resp: 99479
Ion Ratio Lower Upper
152 100
115 61.4 28.8 86.5
150 159.1 0.0 354.2

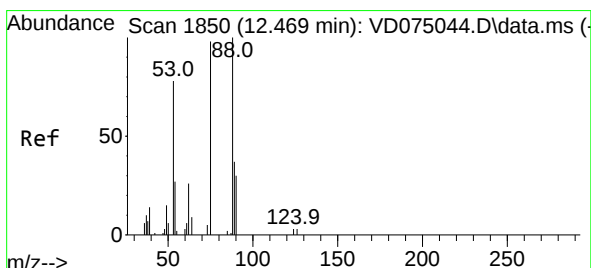
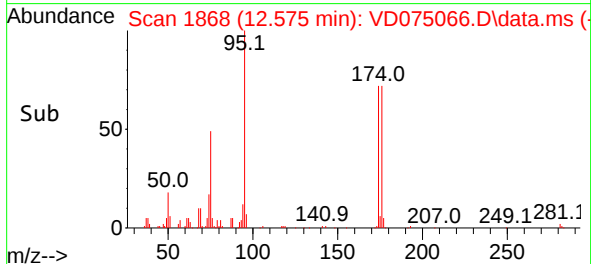
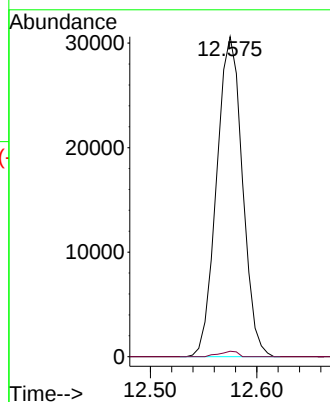
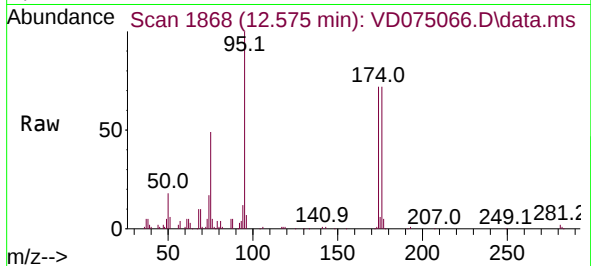




#76
1,2,3-Trichloropropane
Concen: 50.543 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

Instrument :
MSVOA_D
ClientSampleId :
RB-21147

Tgt Ion: 75 Resp: 51554
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.140 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

Tgt Ion: 75 Resp: 51554
Ion Ratio Lower Upper
75 100
53 0.0 60.0 90.0#
89 0.0 37.4 56.0#

