

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075496.D
 Acq On : 10 Mar 2023 16:56
 Operator : KP/SY
 Sample : VD0310SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBL01

Quant Time: Mar 10 23:57:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

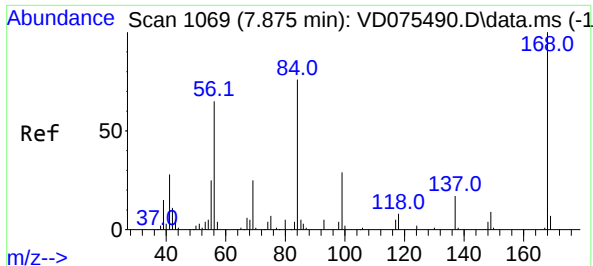
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	101319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	180958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	159172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	67307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55864	60.765	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.520%	
35) Dibromofluoromethane	7.810	113	67498	54.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.920%	
50) Toluene-d8	10.269	98	262512	53.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.240%	
62) 4-Bromofluorobenzene	12.575	95	68477	48.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	345	Below Cal	#	40
16) Acetone	4.028	43	121	Below Cal	#	44
20) Methylene Chloride	4.811	84	4845	Below Cal	#	73
31) Cyclohexane	7.881	56	1675	1.023	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	7660	4.171	ug/l #	50
38) Carbon Tetrachloride	7.875	117	9654	5.486	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	624	1.355	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	33619	60.902	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	33619	128.103	ug/l #	5

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

Quant Time: Mar 10 23:57:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 23:52:37 2023
Response via : Initial Calibration

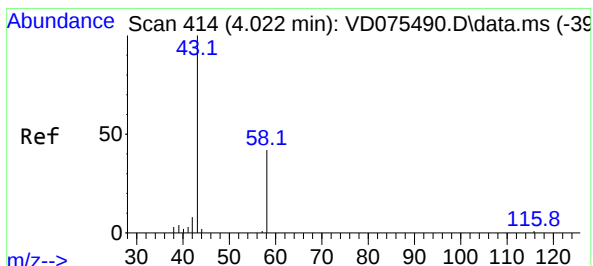
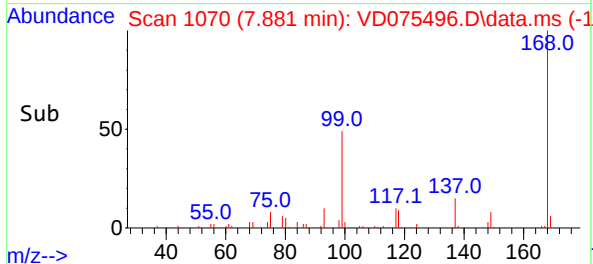
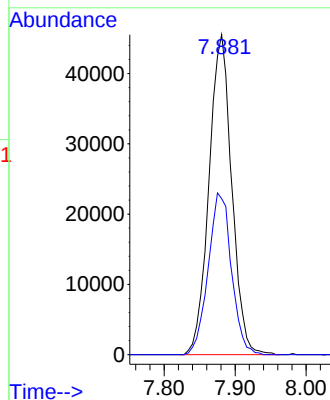
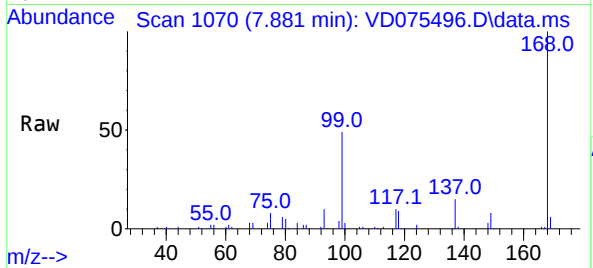




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075496.D
Acq: 10 Mar 2023 16:56

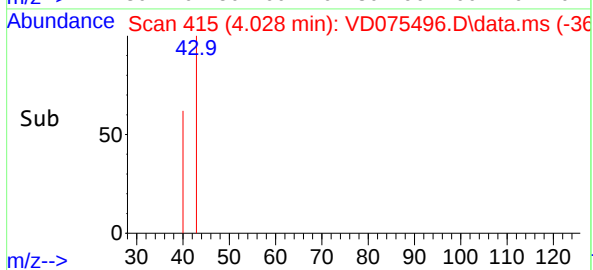
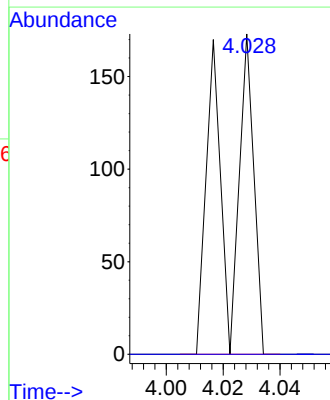
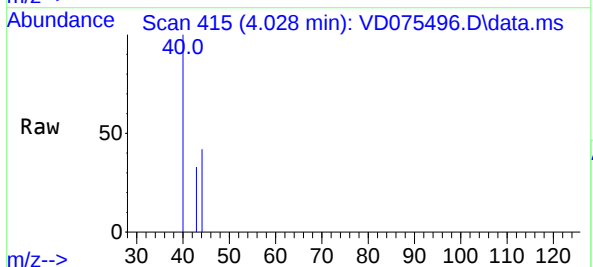
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBL01

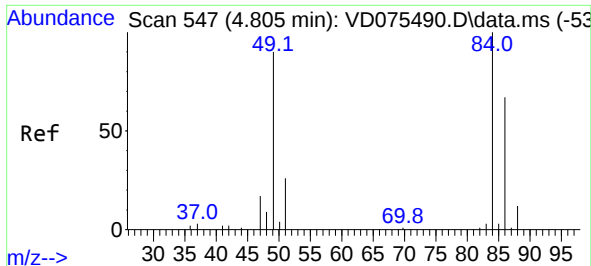
Tgt Ion:168 Resp: 101319
Ion Ratio Lower Upper
168 100
99 48.8 43.8 65.6



#16
Acetone
Concen: Below Cal
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075496.D
Acq: 10 Mar 2023 16:56

Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.811 min Scan# 54

Delta R.T. 0.006 min

Lab File: VD075496.D

Acq: 10 Mar 2023 16:56

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBL01

Tgt Ion: 84 Resp: 4845

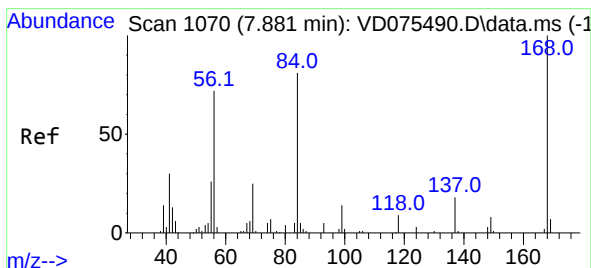
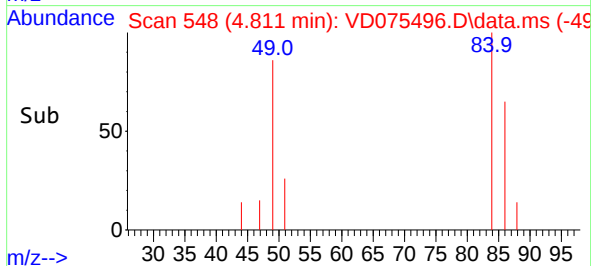
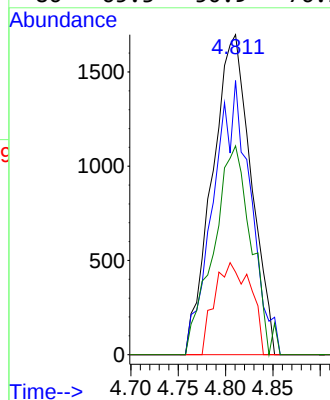
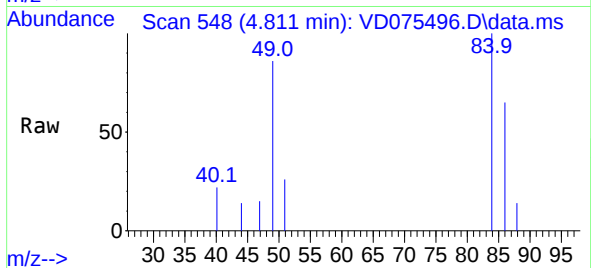
Ion Ratio Lower Upper

84 100

49 85.6 106.4 159.6#

51 25.8 32.4 48.6#

86 65.3 50.9 76.3



#31

Cyclohexane

Concen: 1.023 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075496.D

Acq: 10 Mar 2023 16:56

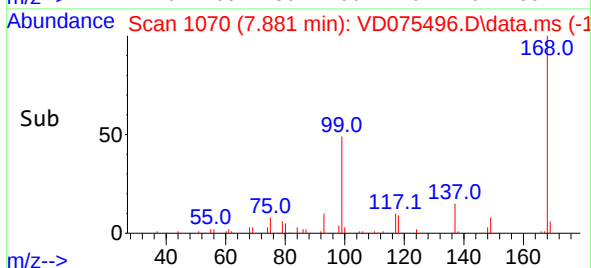
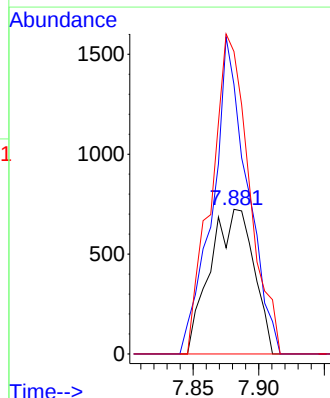
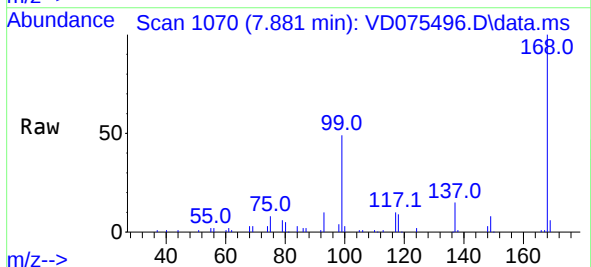
Tgt Ion: 56 Resp: 1675

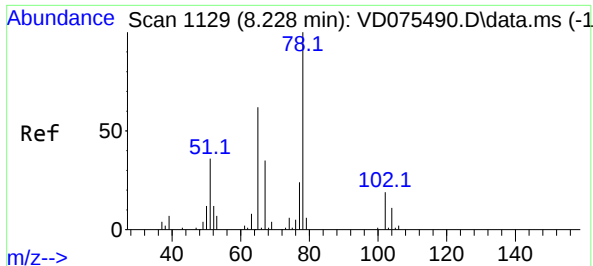
Ion Ratio Lower Upper

56 100

69 186.3 25.5 38.3#

84 209.1 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 60.765 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075496.D

Acq: 10 Mar 2023 16:56

Instrument :

MSVOA_D

ClientSampleId :

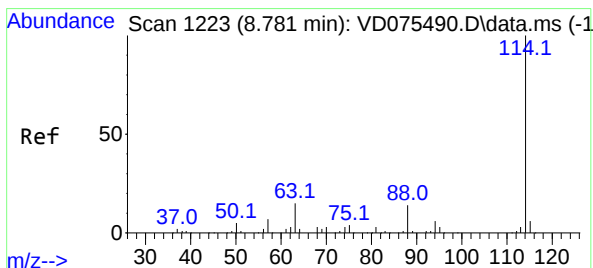
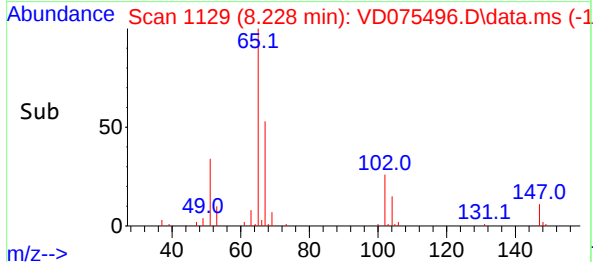
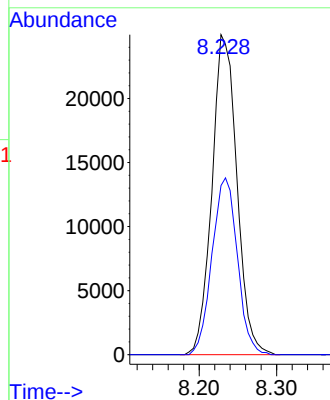
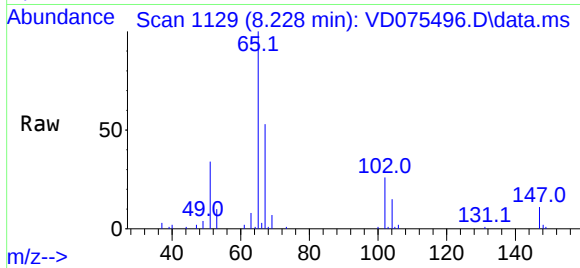
VD0310SBL01

Tgt Ion: 65 Resp: 55864

Ion Ratio Lower Upper

65 100

67 56.1 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075496.D

Acq: 10 Mar 2023 16:56

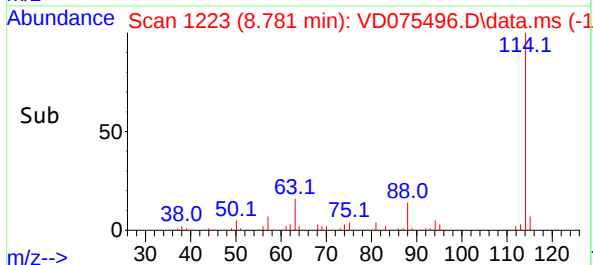
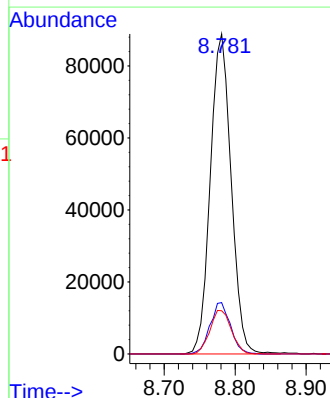
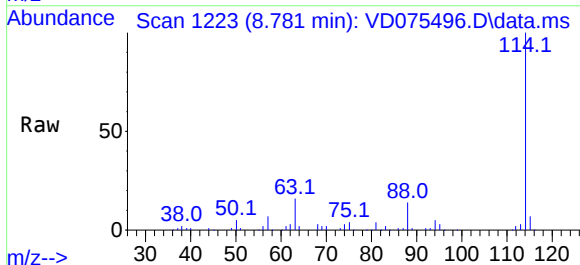
Tgt Ion: 114 Resp: 180958

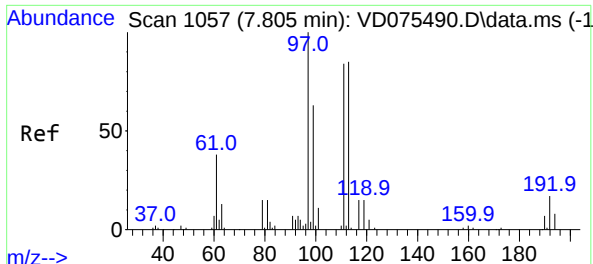
Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.6

88 13.5 0.0 30.6

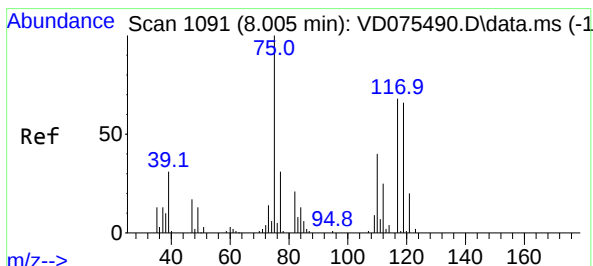
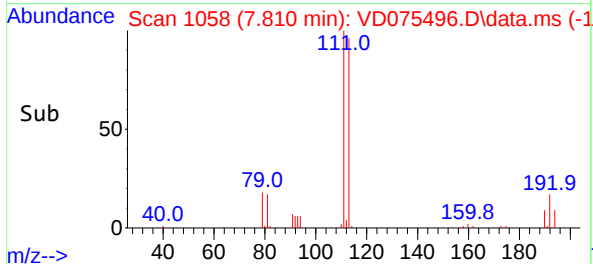
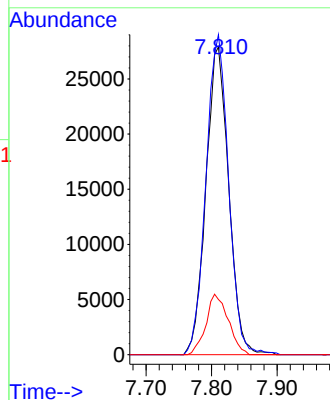
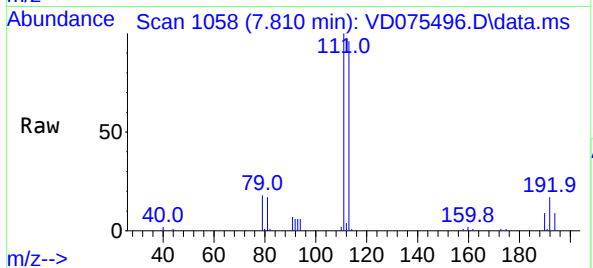




#35
Dibromofluoromethane
Concen: 54.461 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD075496.D
Acq: 10 Mar 2023 16:56

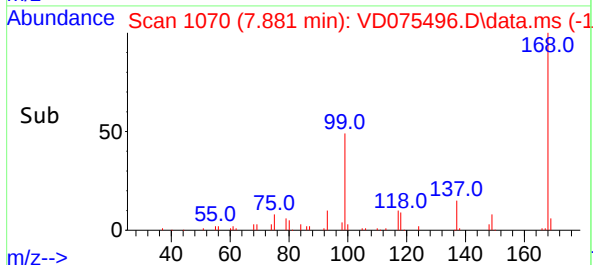
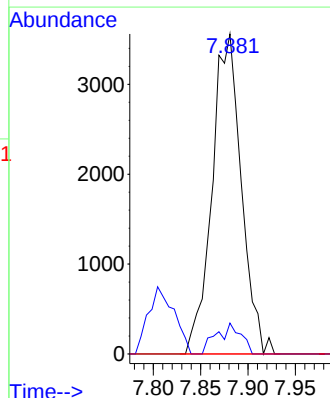
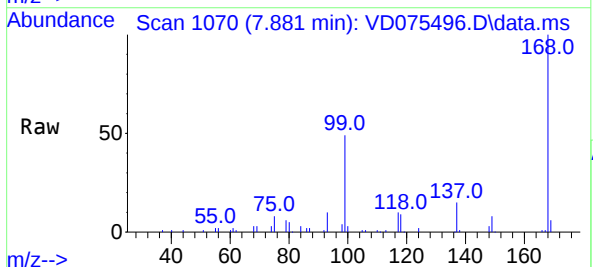
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBL01

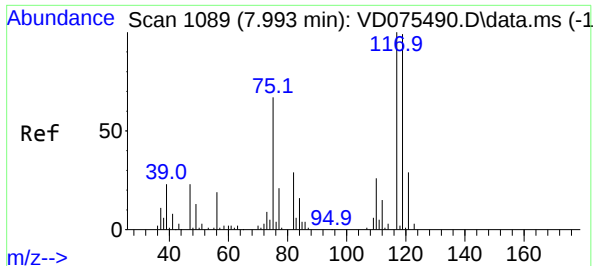
Tgt Ion:113 Resp: 67498
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 19.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.171 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.124 min
Lab File: VD075496.D
Acq: 10 Mar 2023 16:56

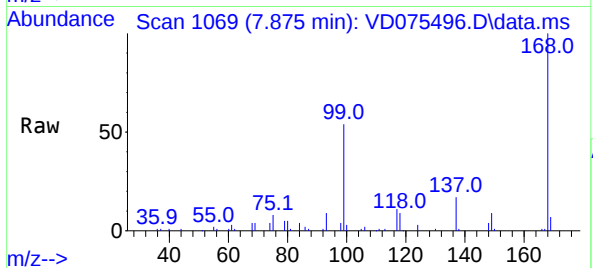
Tgt Ion: 75 Resp: 7660
Ion Ratio Lower Upper
75 100
110 8.0 17.1 51.2#
77 0.0 24.6 36.8#



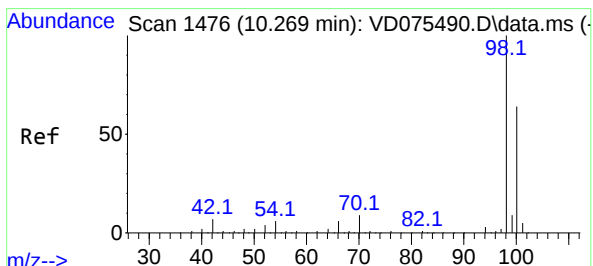
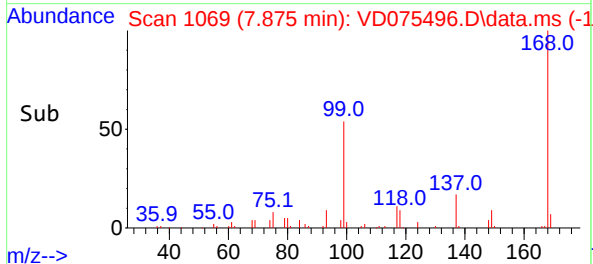
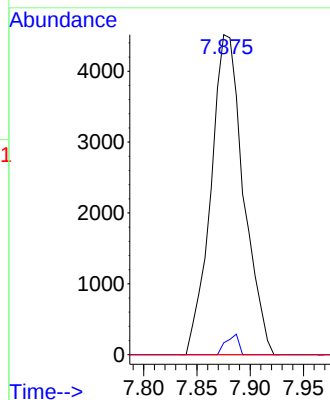


#38
Carbon Tetrachloride
Concen: 5.486 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075496.D
Acq: 10 Mar 2023 16:56

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBL01

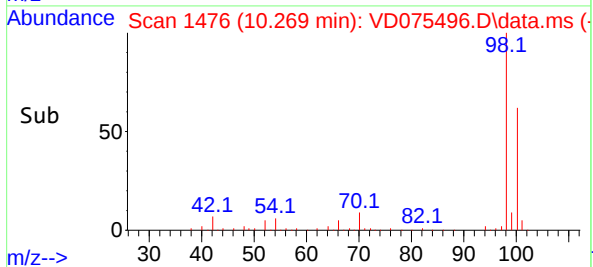
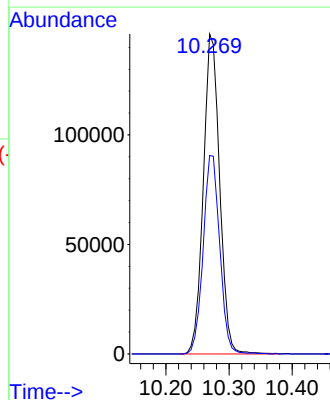
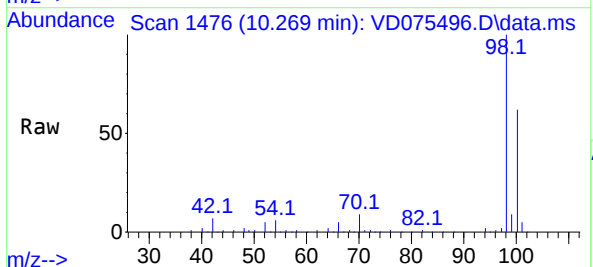


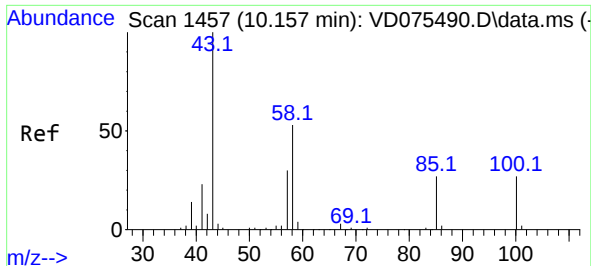
Tgt Ion:117 Resp: 9654
Ion Ratio Lower Upper
117 100
119 3.7 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 53.617 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075496.D
Acq: 10 Mar 2023 16:56

Tgt Ion: 98 Resp: 262512
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1

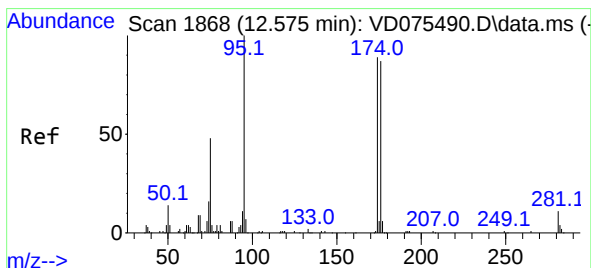
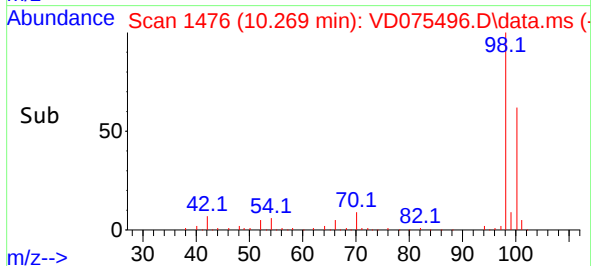
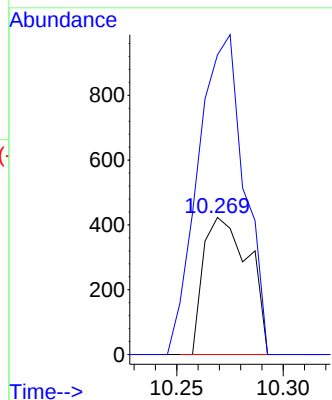
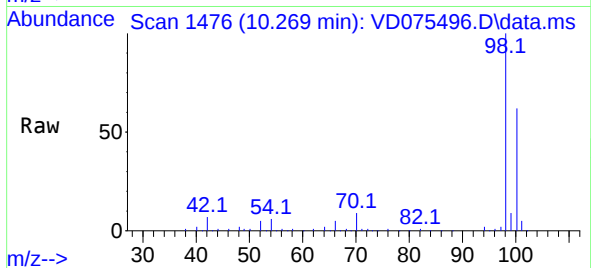




#51
4-Methyl-2-Pentanone
Concen: 1.355 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD075496.D
Acq: 10 Mar 2023 16:56

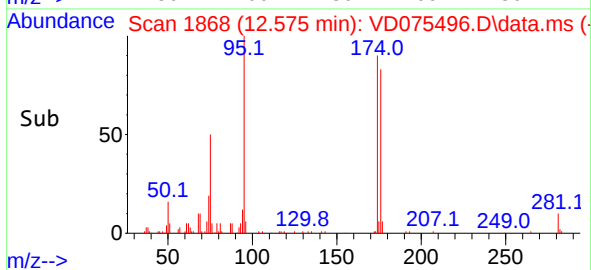
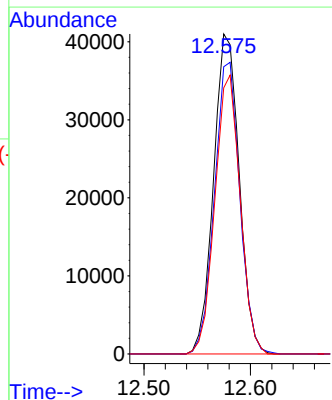
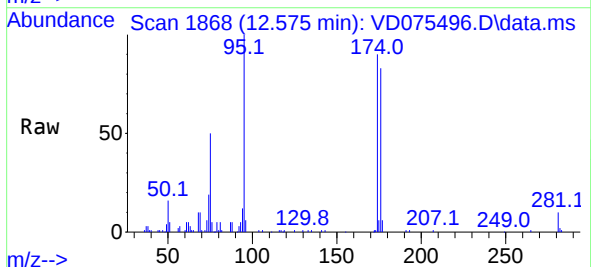
Instrument :
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ClientSampleId :
VD0310SBL01

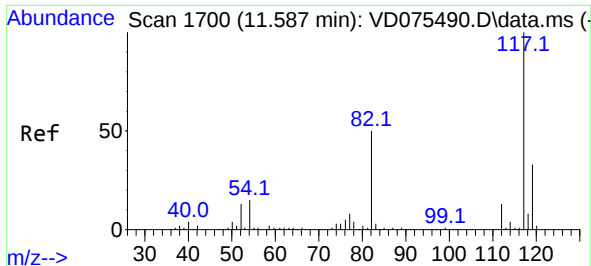
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 238.8 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 48.381 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075496.D
Acq: 10 Mar 2023 16:56

Tgt Ion: 95 Resp: 68477
Ion Ratio Lower Upper
95 100
174 90.2 0.0 164.0
176 85.9 0.0 156.8

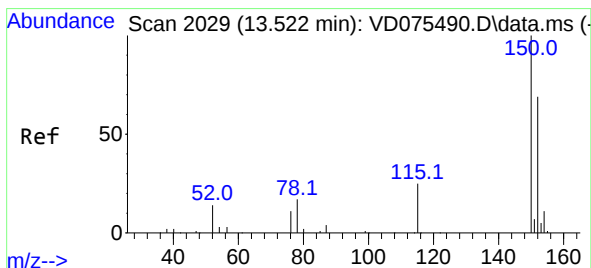
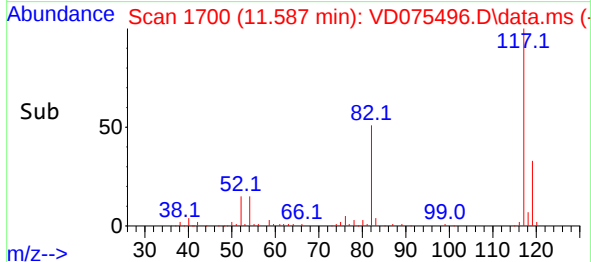
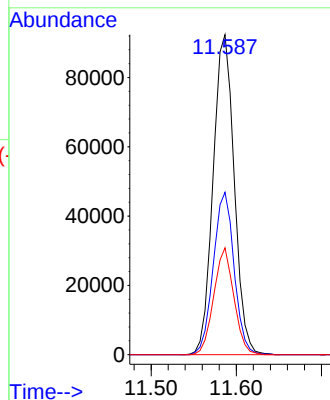
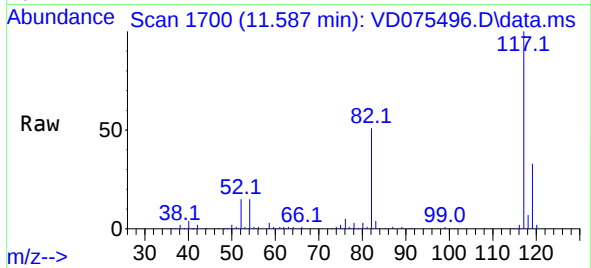




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075496.D
Acq: 10 Mar 2023 16:56

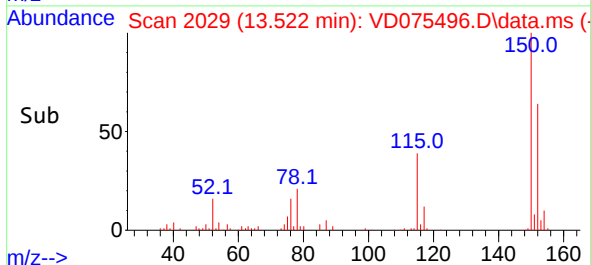
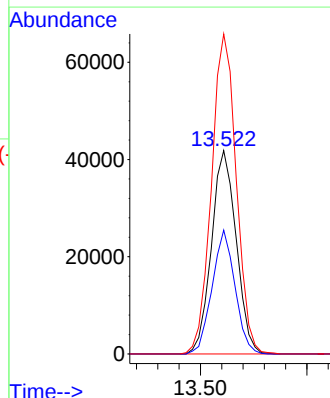
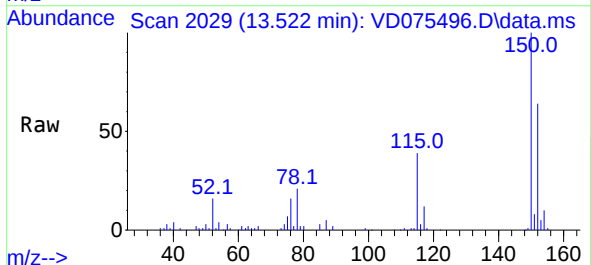
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBL01

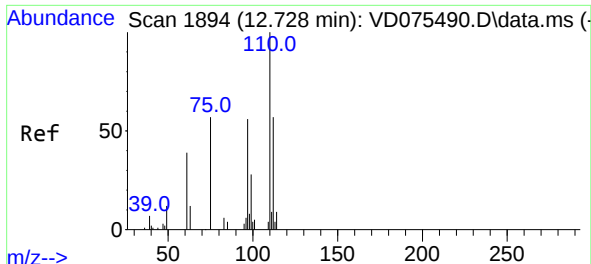
Tgt Ion:117 Resp: 159172
Ion Ratio Lower Upper
117 100
82 50.8 44.0 66.0
119 33.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075496.D
Acq: 10 Mar 2023 16:56

Tgt Ion:152 Resp: 67307
Ion Ratio Lower Upper
152 100
115 56.4 30.1 90.3
150 157.5 0.0 364.8

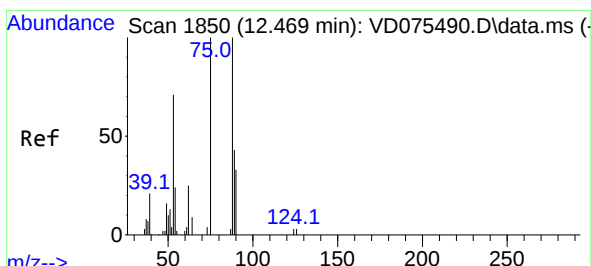
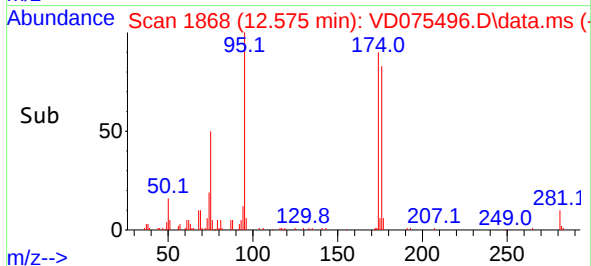
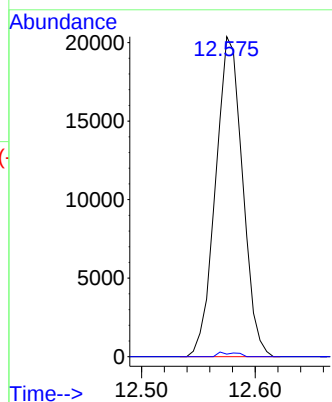
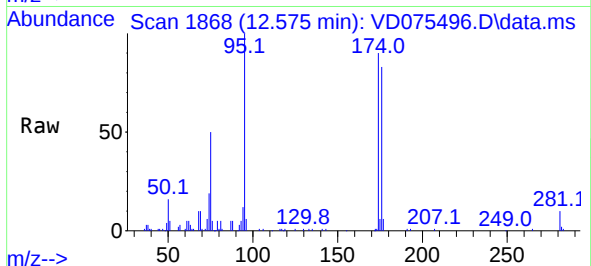




#76
1,2,3-Trichloropropane
Concen: 60.902 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075496.D
Acq: 10 Mar 2023 16:56

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBL01

Tgt Ion: 75 Resp: 33619
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.103 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075496.D
Acq: 10 Mar 2023 16:56

Tgt Ion: 75 Resp: 33619
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

