

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031323\
 Data File : VD075505.D
 Acq On : 13 Mar 2023 12:38
 Operator : KP/SY
 Sample : VD0313SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0313SBL01

Quant Time: Mar 14 05:56:09 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

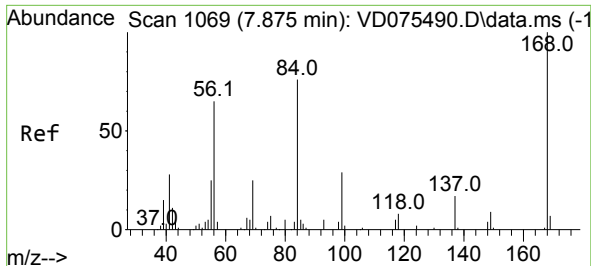
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	100969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	182209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	161055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	68639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52797	57.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.260%
35) Dibromofluoromethane	7.810	113	63649	51.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.000%
50) Toluene-d8	10.269	98	241495	48.985	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.575	95	63560	44.598	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.200%
Target Compounds						
3) Chloromethane	2.158	50	245	Below Cal	#	40
16) Acetone	4.034	43	110	Below Cal	#	44
20) Methylene Chloride	4.805	84	7075	Below Cal	#	70
31) Cyclohexane	7.875	56	1950	1.195	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	7511	4.061	ug/l #	45
38) Carbon Tetrachloride	7.881	117	9683	5.464	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	643	1.387	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	30373	53.954	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	30373	113.488	ug/l #	5

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

Quant Time: Mar 14 05:56:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

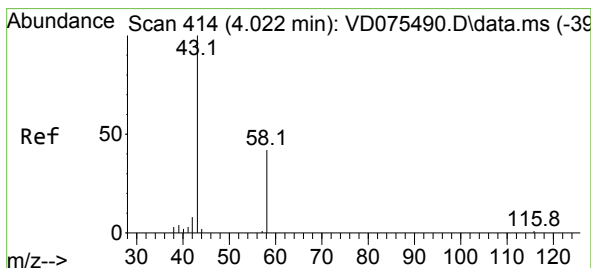
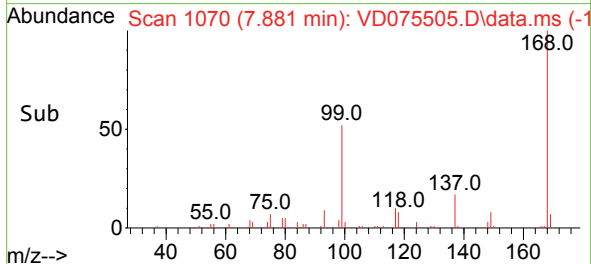
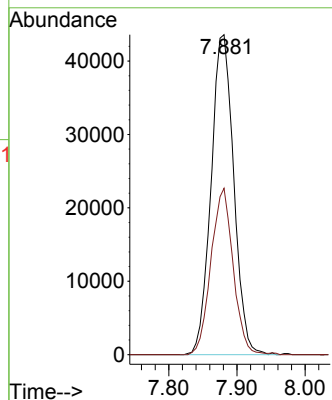
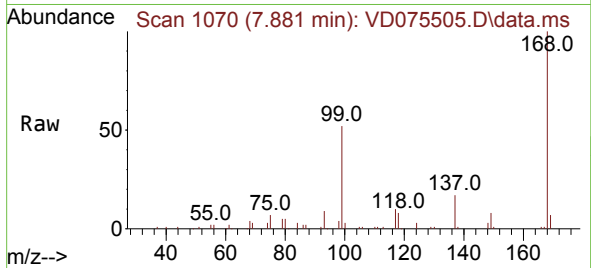




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

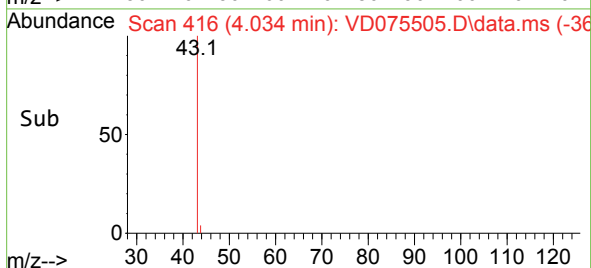
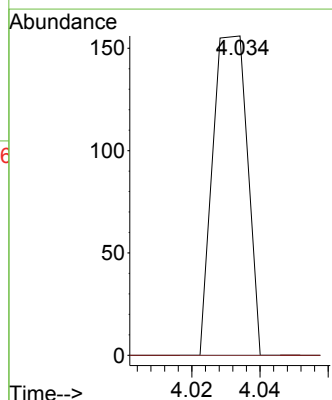
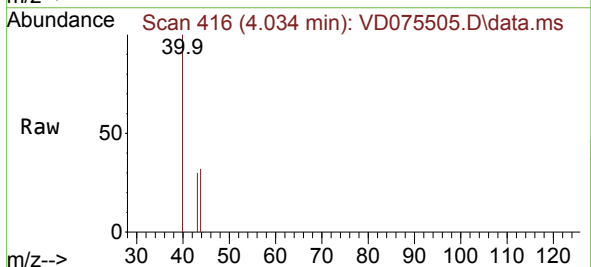
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBL01

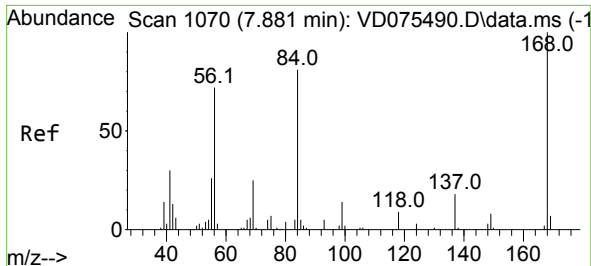
Tgt Ion:168 Resp: 100969
Ion Ratio Lower Upper
168 100
99 52.0 43.8 65.6



#16
Acetone
Concen: Below Cal
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

Tgt Ion: 43 Resp: 110
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

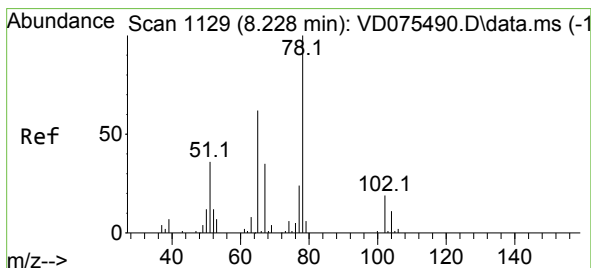
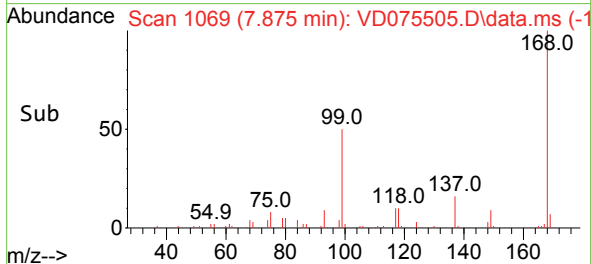
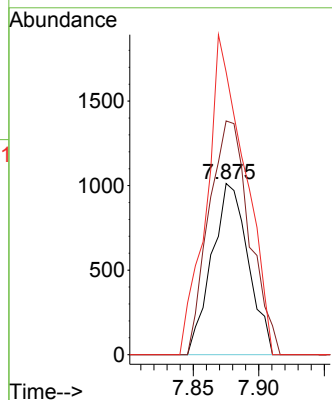
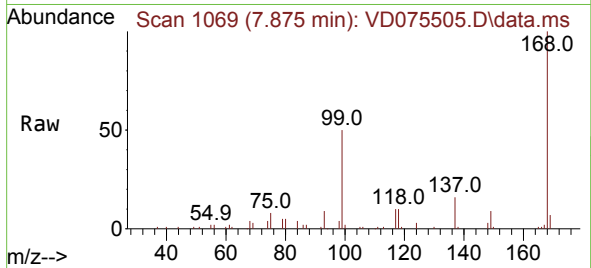




#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

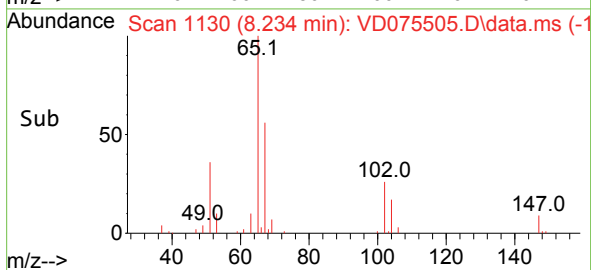
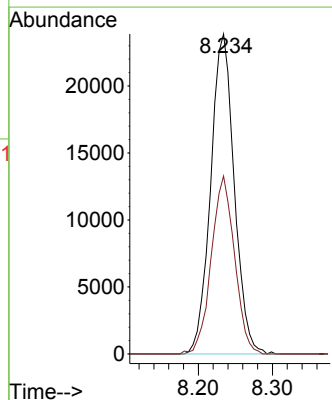
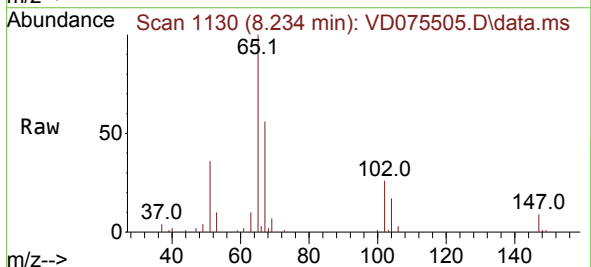
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBL01

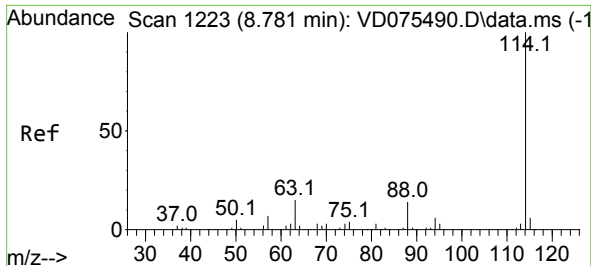
Tgt Ion: 56 Resp: 1950
Ion Ratio Lower Upper
56 100
69 136.5 25.5 38.3#
84 165.1 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 57.628 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

Tgt Ion: 65 Resp: 52797
Ion Ratio Lower Upper
65 100
67 54.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075505.D

Acq: 13 Mar 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBL01

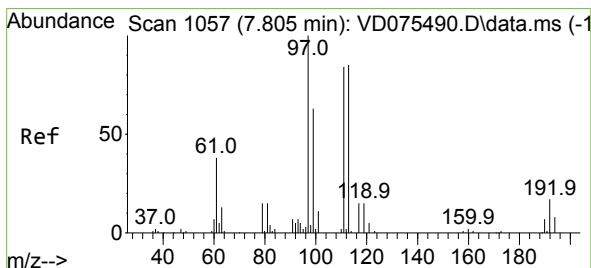
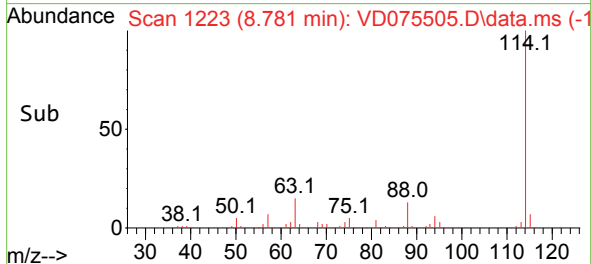
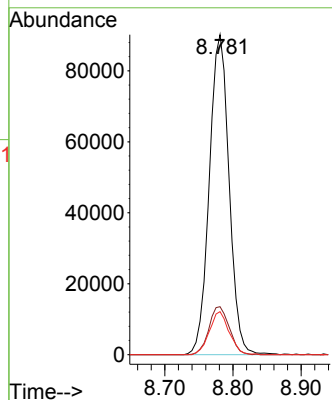
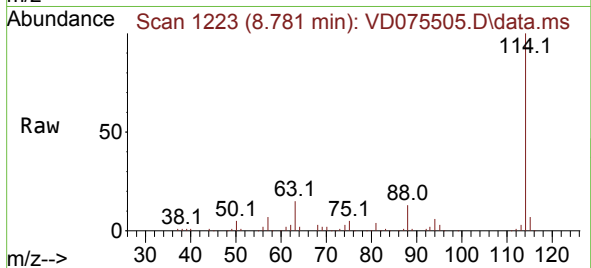
Tgt Ion:114 Resp: 182209

Ion Ratio Lower Upper

114 100

63 15.0 0.0 41.6

88 13.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.003 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD075505.D

Acq: 13 Mar 2023 12:38

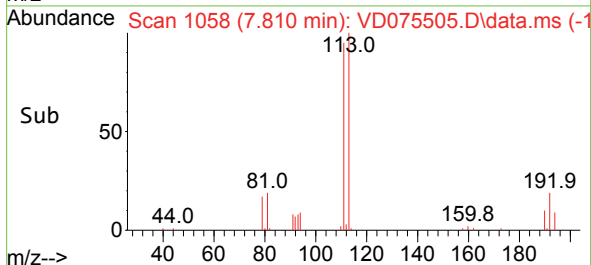
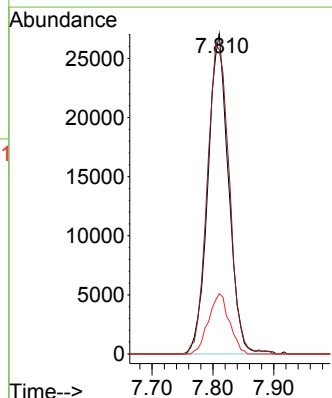
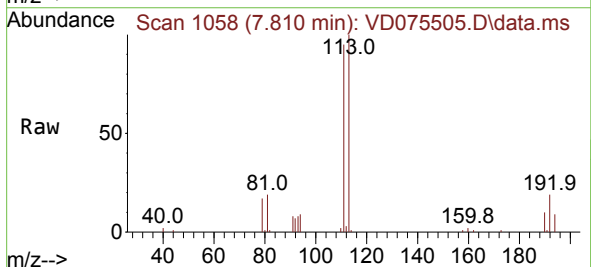
Tgt Ion:113 Resp: 63649

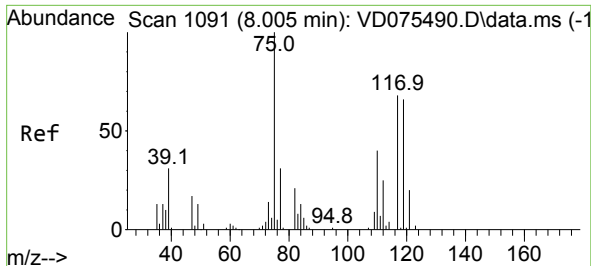
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 19.1 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.061 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD075505.D

Acq: 13 Mar 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBL01

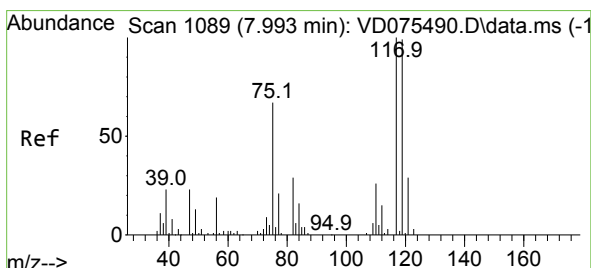
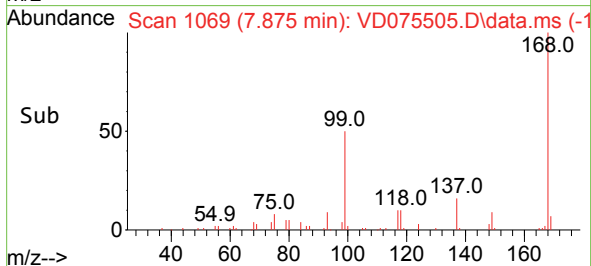
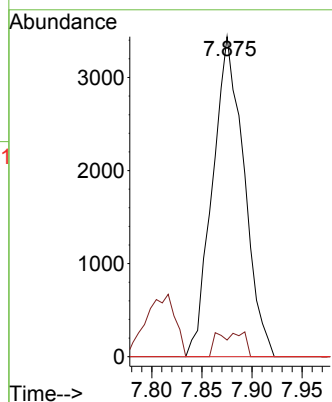
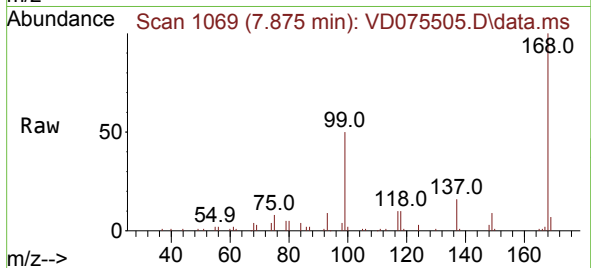
Tgt Ion: 75 Resp: 7511

Ion Ratio Lower Upper

75 100

110 3.1 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.464 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD075505.D

Acq: 13 Mar 2023 12:38

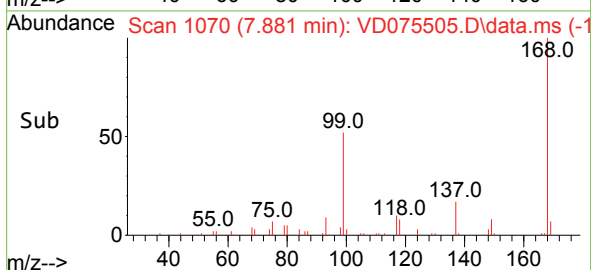
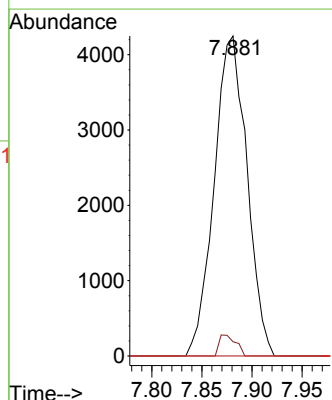
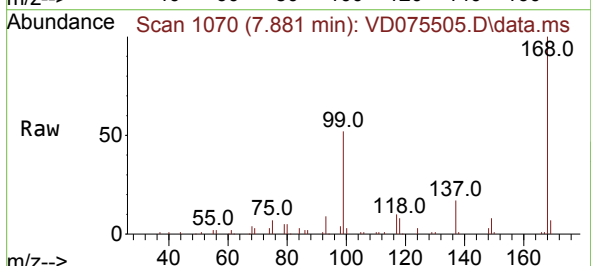
Tgt Ion: 117 Resp: 9683

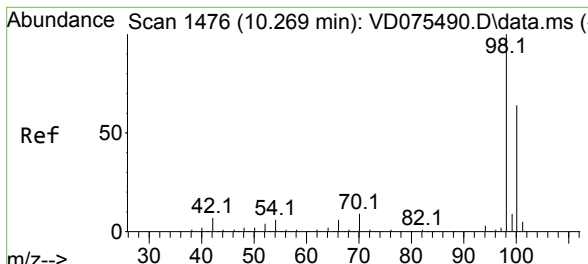
Ion Ratio Lower Upper

117 100

119 4.4 74.7 112.1#

121 0.0 25.9 38.9#

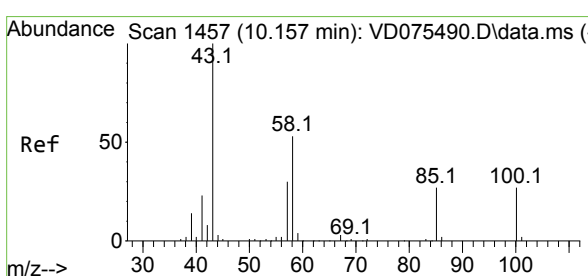
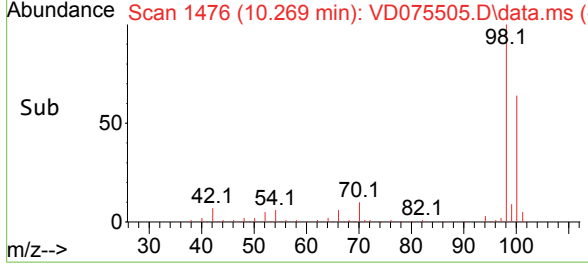
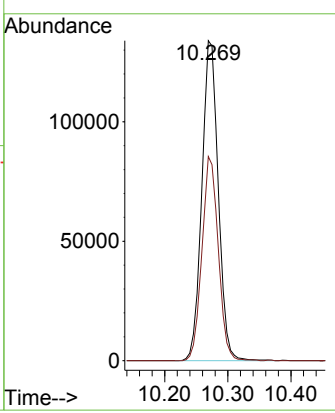
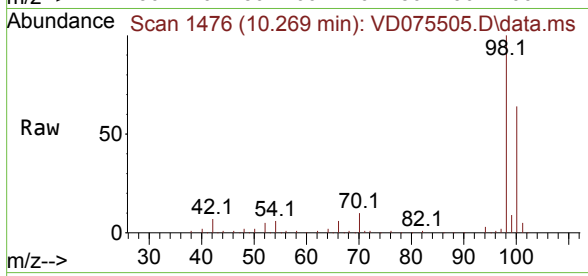




#50
Toluene-d8
Concen: 48.985 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

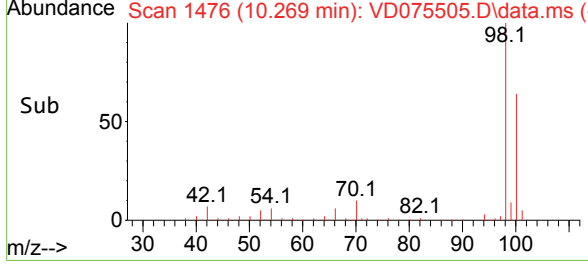
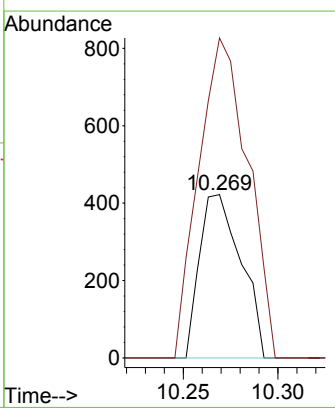
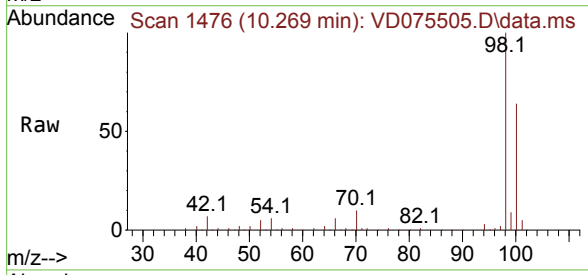
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBL01

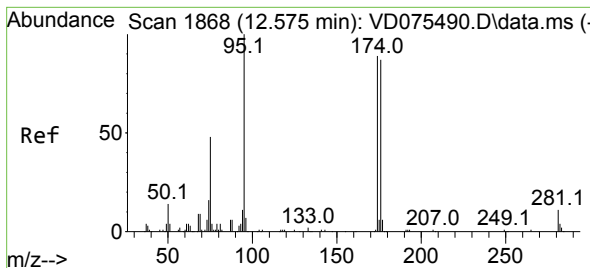
Tgt Ion:	98	Resp:	241495
Ion Ratio	Lower	Upper	
98	100		
100	63.4	52.1	78.1



#51
4-Methyl-2-Pentanone
Concen: 1.387 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

Tgt Ion:	43	Resp:	643
Ion Ratio	Lower	Upper	
43	100		
58	232.5	29.5	44.3#

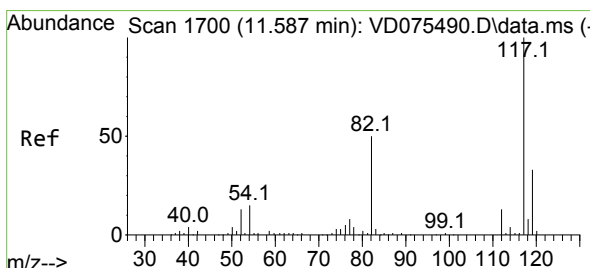
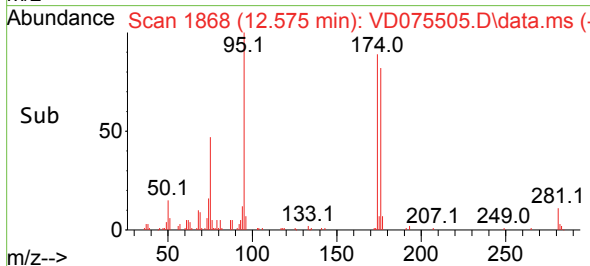
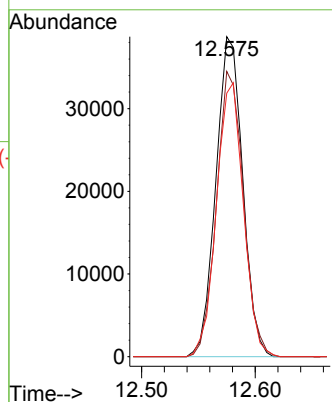
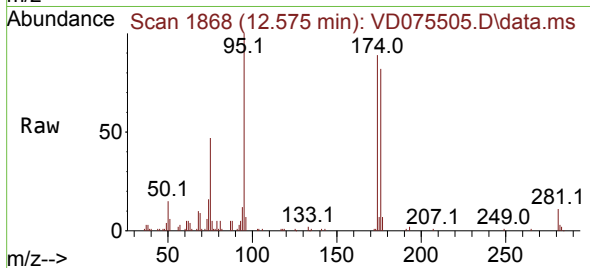




#62
4-Bromofluorobenzene
Concen: 44.598 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

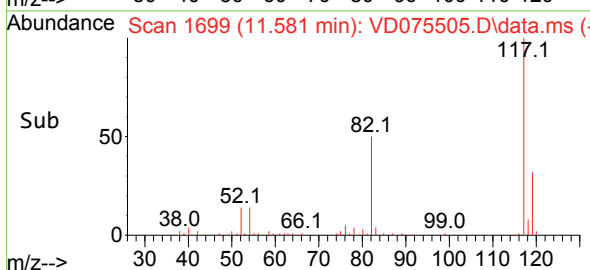
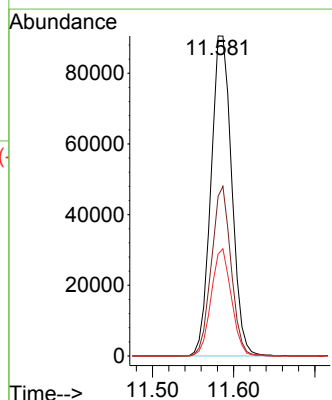
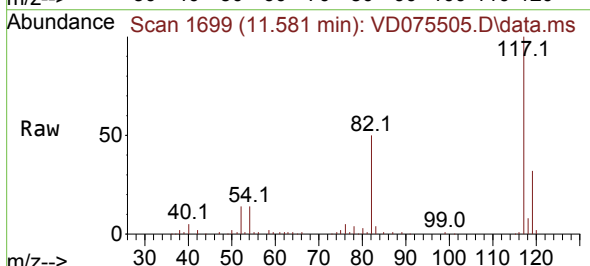
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VD0313SBL01

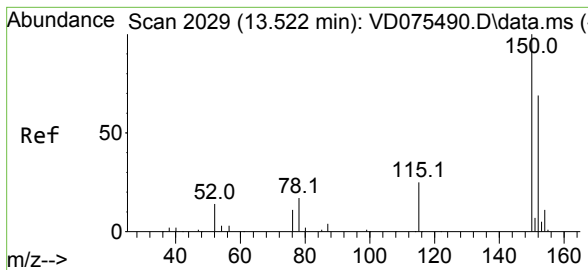
Tgt Ion: 95 Resp: 63560
Ion Ratio Lower Upper
95 100
174 89.3 0.0 164.0
176 86.1 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

Tgt Ion: 117 Resp: 161055
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 31.9 25.1 37.7

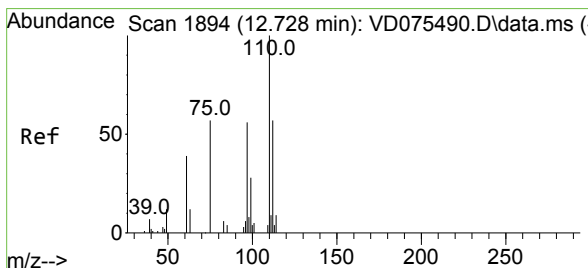
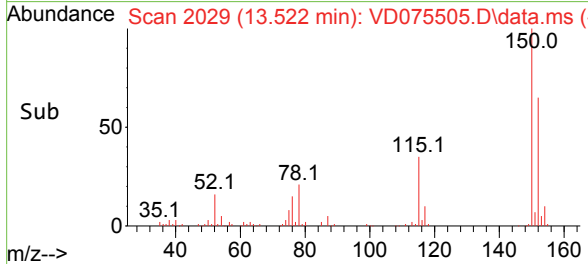
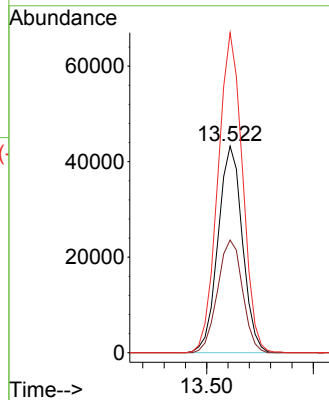
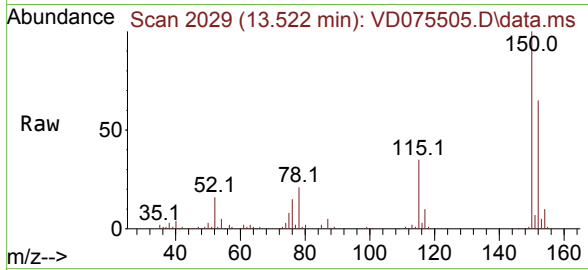




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075505.D
 Acq: 13 Mar 2023 12:38

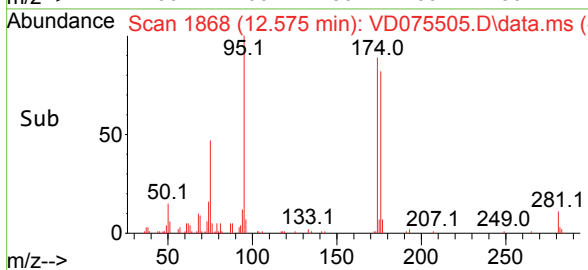
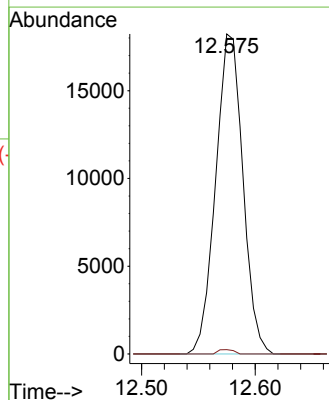
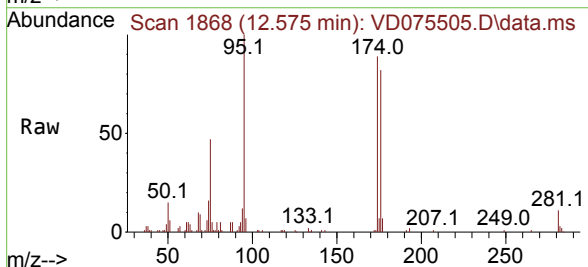
Instrument :
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 ClientSampleId :
 VD0313SBL01

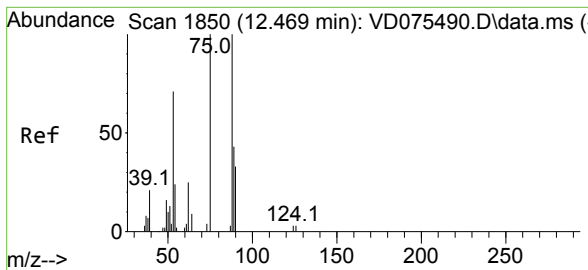
Tgt Ion:152 Resp: 68639
 Ion Ratio Lower Upper
 152 100
 115 55.8 30.1 90.3
 150 156.4 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 53.954 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075505.D
 Acq: 13 Mar 2023 12:38

Tgt Ion: 75 Resp: 30373
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.488 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD075505.D
 Acq: 13 Mar 2023 12:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0313SBL01

Tgt Ion: 75 Resp: 30373
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 40.2 60.4#

