

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074314.D
 Acq On : 15 Sep 2022 17:58
 Operator : VA/SY
 Sample : N4538-04
 Misc : 5.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MBD-SB-2-3-4

Quant Time: Sep 16 05:55:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

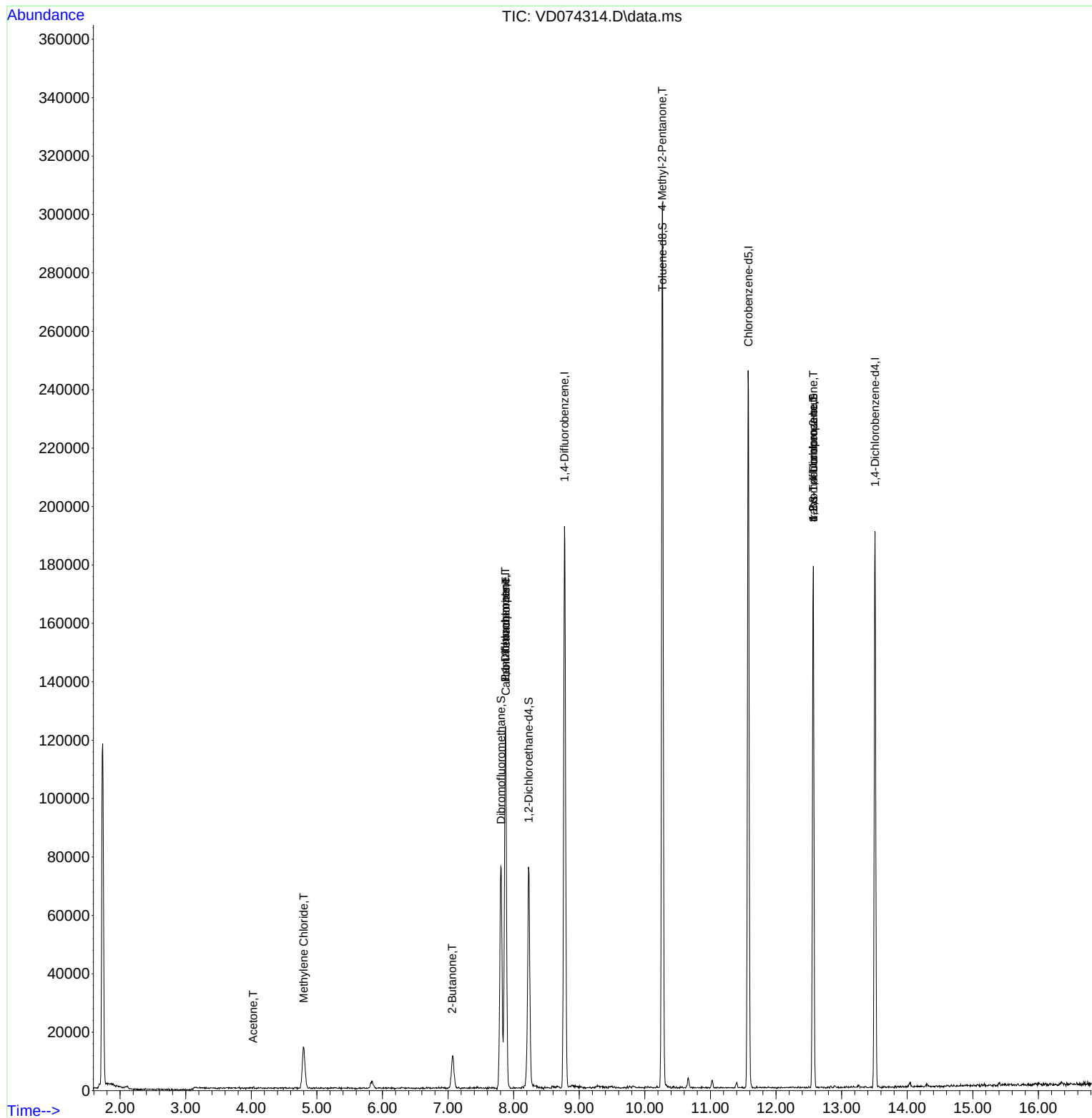
Internal Standards						
1) Pentafluorobenzene	7.875	168	96299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	172712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	142767	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.510	152	50984	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57045	58.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.200%
35) Dibromofluoromethane	7.810	113	55994	48.336	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.680%
50) Toluene-d8	10.269	98	210105	49.627	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.569	95	52618	33.270	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.540%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	302	1.490	ug/l #	42
20) Methylene Chloride	4.799	84	10491	2.763	ug/l	91
25) 2-Butanone	7.063	43	456	1.349	ug/l #	48
36) 1,1-Dichloropropene	7.875	75	7646	4.090	ug/l #	47
38) Carbon Tetrachloride	7.881	117	9255	5.472	ug/l #	16
51) 4-Methyl-2-Pentanone	10.263	43	838	1.059	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	27883	53.348	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	27883	131.533	ug/l #	100

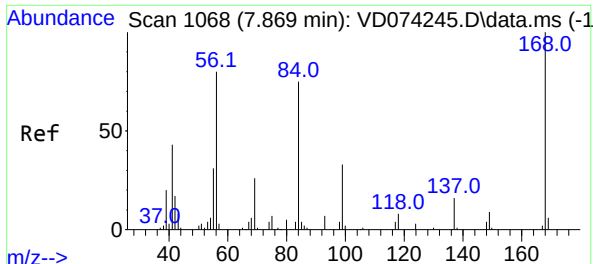
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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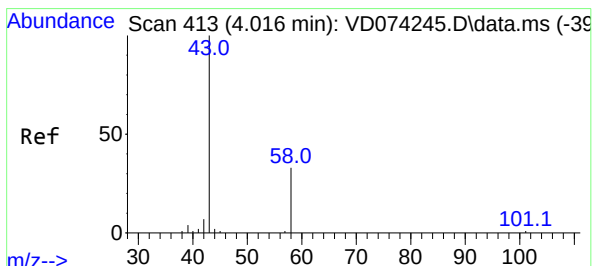
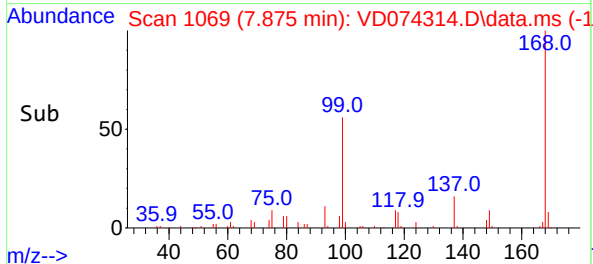
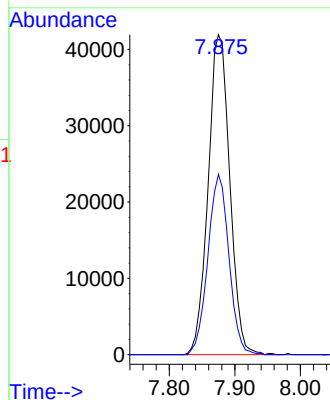
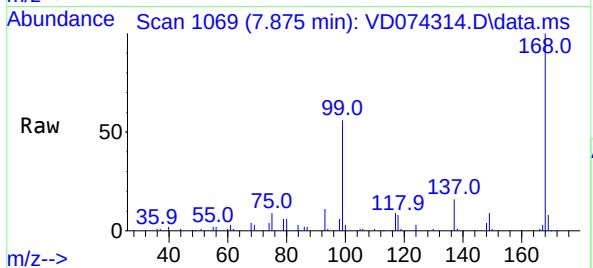




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

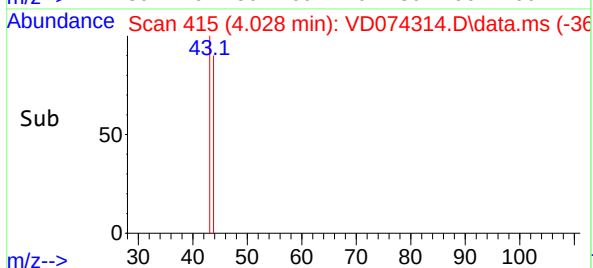
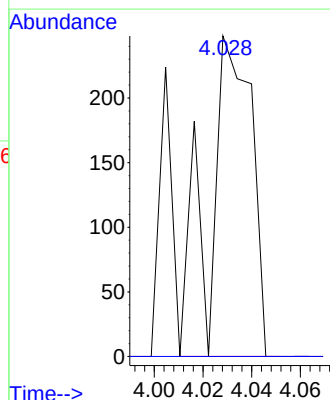
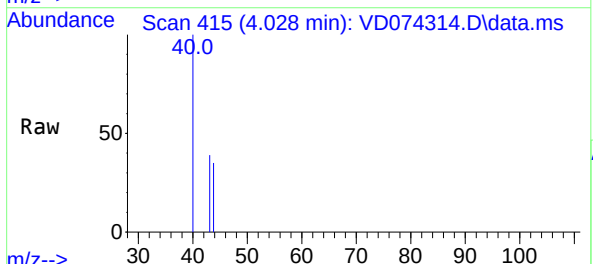
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-2-3-4

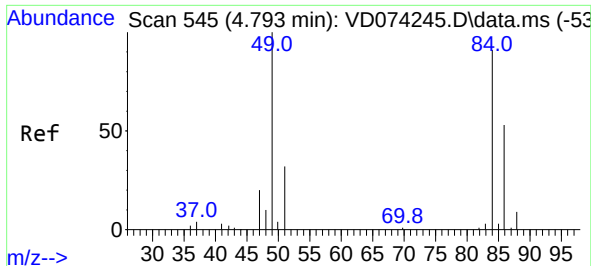
Tgt Ion:168 Resp: 96299
Ion Ratio Lower Upper
168 100
99 56.4 43.0 64.6



#16
Acetone
Concen: 1.490 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

Tgt Ion: 43 Resp: 302
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#





#20

Methylene Chloride

Concen: 2.763 ug/l

RT: 4.799 min Scan# 545

Delta R.T. 0.006 min

Lab File: VD074314.D

Acq: 15 Sep 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

MBD-SB-2-3-4

Tgt Ion: 84 Resp: 10491

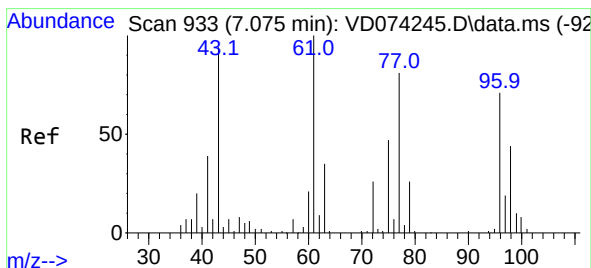
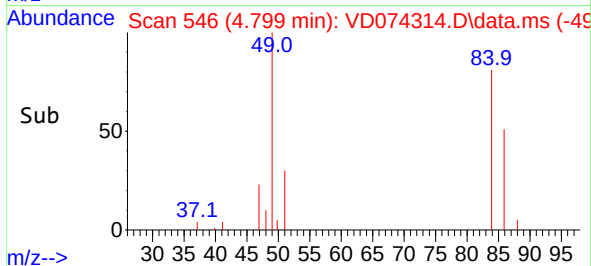
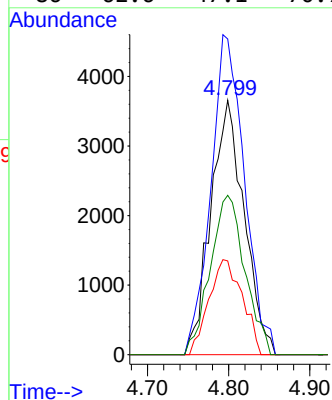
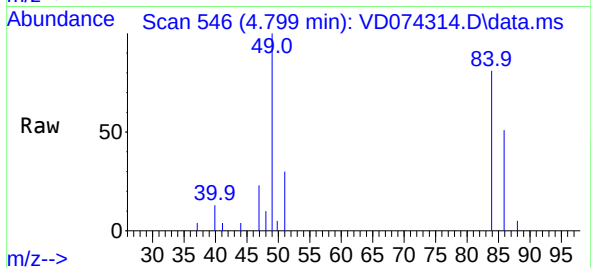
Ion Ratio Lower Upper

84 100

49 124.0 88.4 132.6

51 36.8 28.0 42.0

86 62.6 47.1 70.7



#25

2-Butanone

Concen: 1.349 ug/l

RT: 7.063 min Scan# 931

Delta R.T. -0.012 min

Lab File: VD074314.D

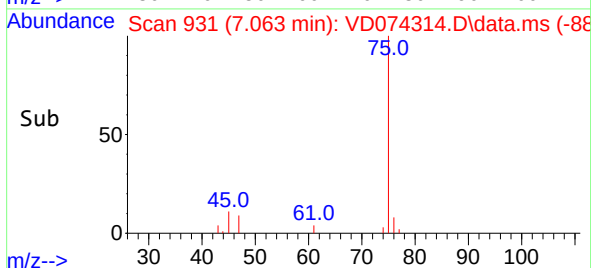
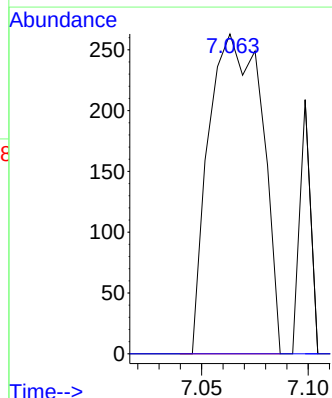
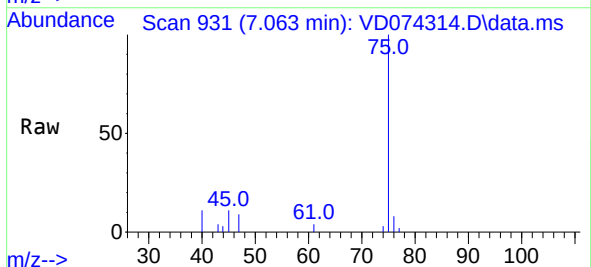
Acq: 15 Sep 2022 17:58

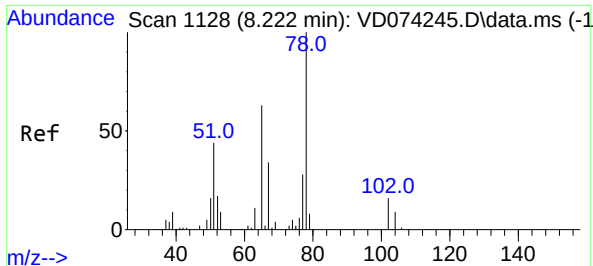
Tgt Ion: 43 Resp: 456

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#

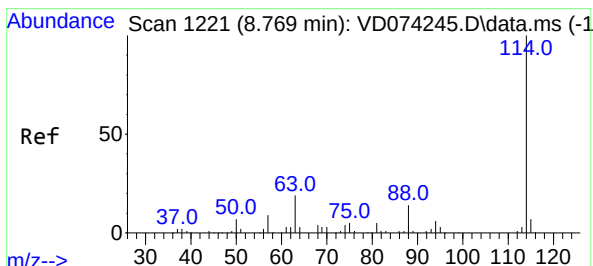
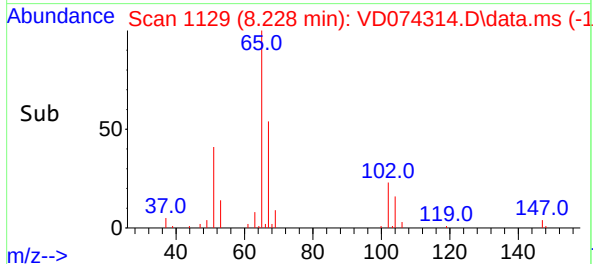
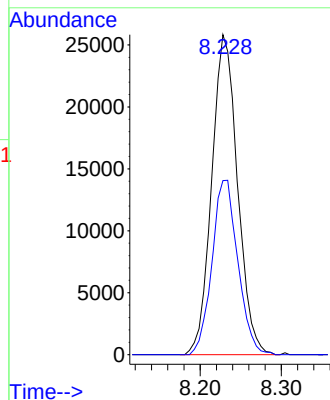
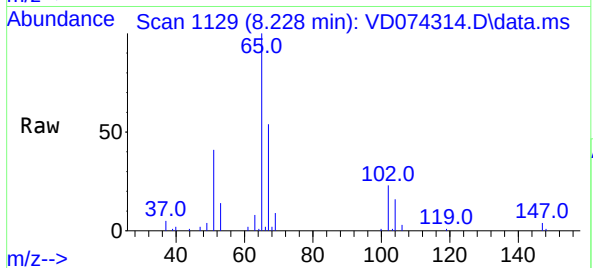




#33
1,2-Dichloroethane-d4
Concen: 58.104 ug/l
RT: 8.228 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

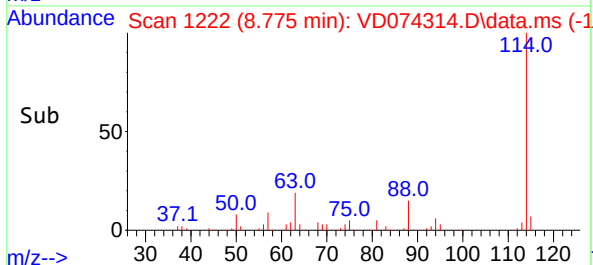
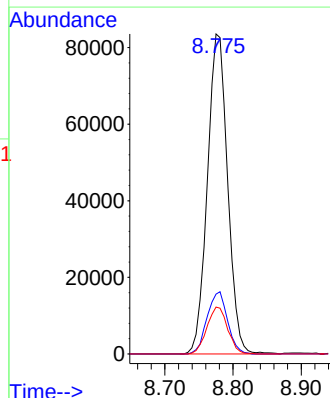
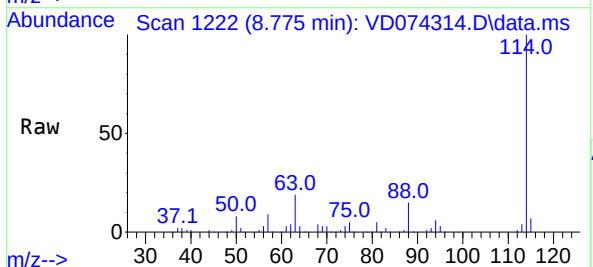
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-2-3-4

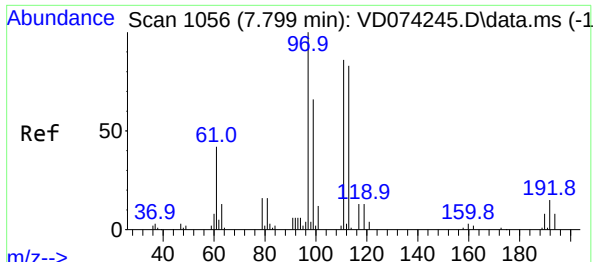
Tgt Ion: 65 Resp: 57045
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

Tgt Ion: 114 Resp: 172712
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.6
88 14.7 0.0 28.4

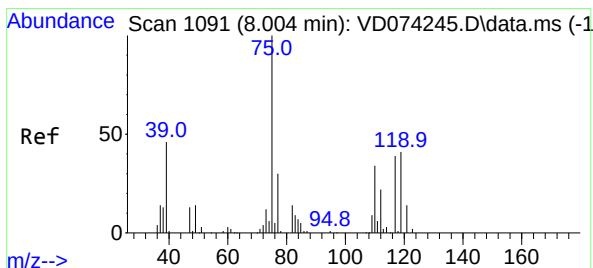
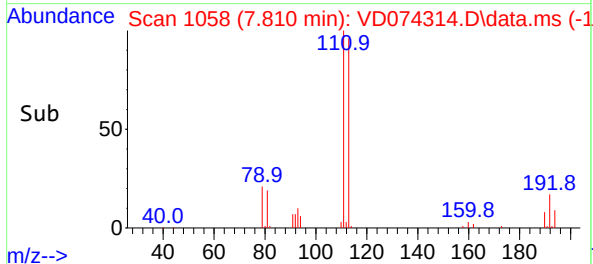
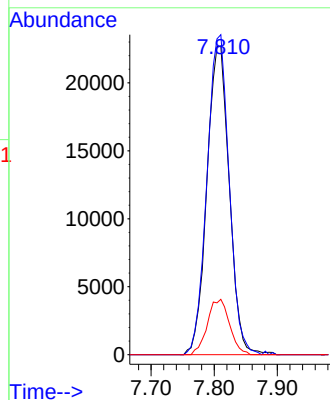
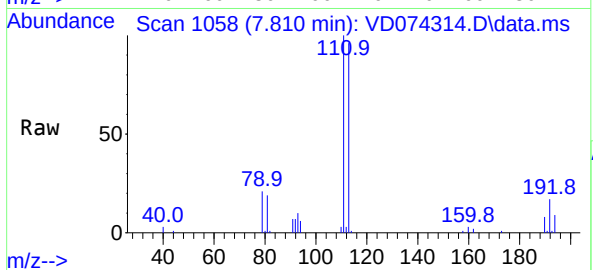




#35
Dibromofluoromethane
Concen: 48.336 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.011 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

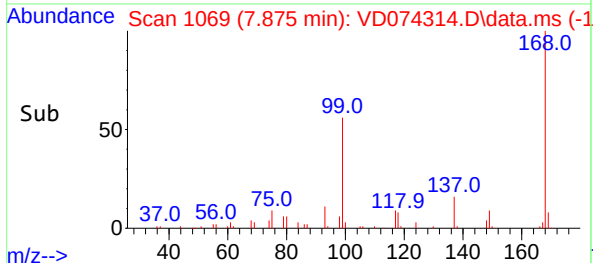
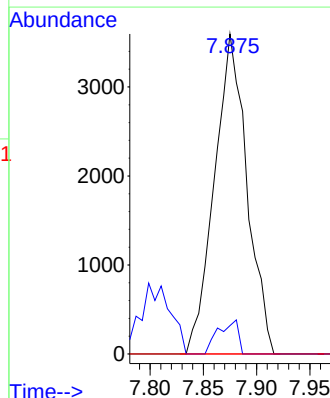
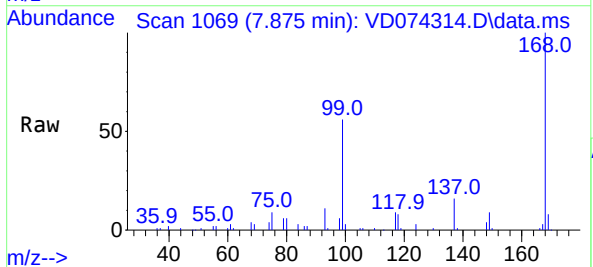
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-2-3-4

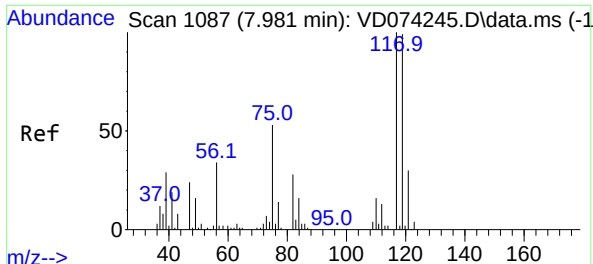
Tgt Ion:	113	Resp:	55994
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.6
192	17.8	16.2	24.2



#36
1,1-Dichloropropene
Concen: 4.090 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

Tgt Ion:	75	Resp:	7646
Ion	Ratio	Lower	Upper
75	100		
110	6.5	17.5	52.5#
77	0.0	24.8	37.2#

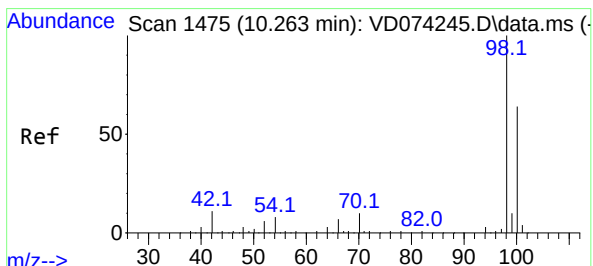
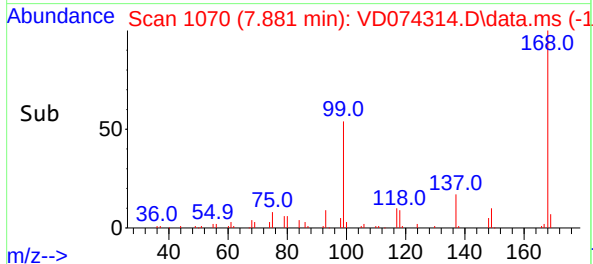
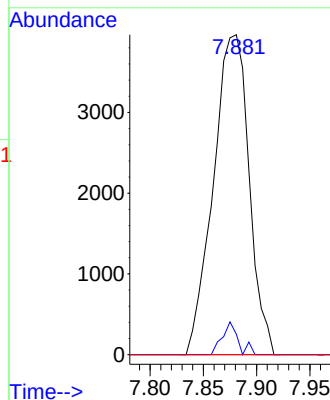
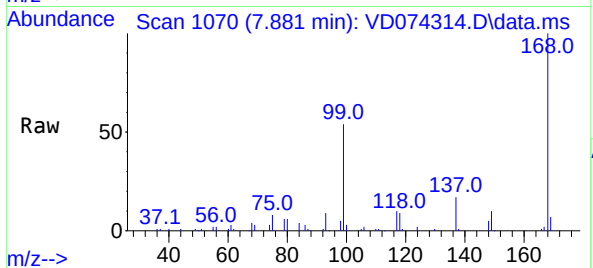




#38
Carbon Tetrachloride
Concen: 5.472 ug/l
RT: 7.881 min Scan# 1087
Delta R.T. -0.100 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

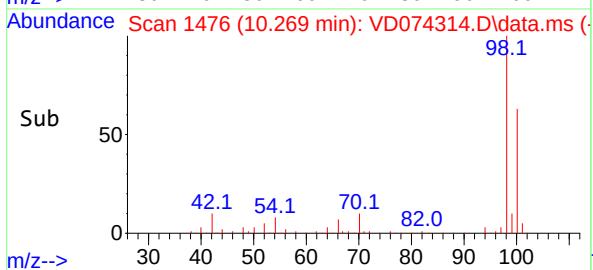
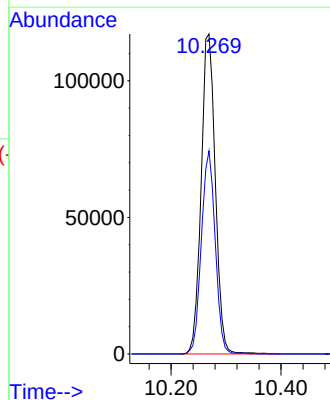
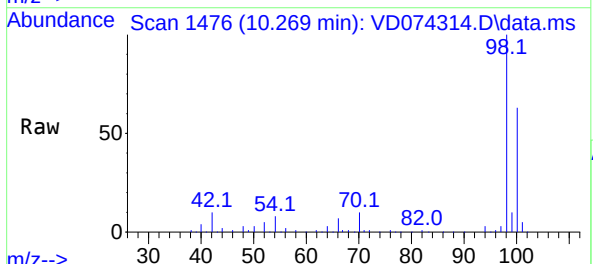
Instrument :
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ClientSampleId :
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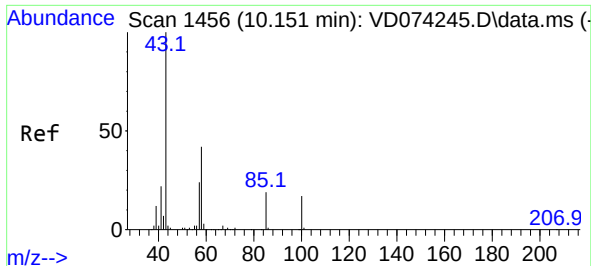
Tgt Ion:117 Resp: 9255
Ion Ratio Lower Upper
117 100
119 6.4 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 49.627 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

Tgt Ion: 98 Resp: 210105
Ion Ratio Lower Upper
98 100
100 62.0 51.8 77.8

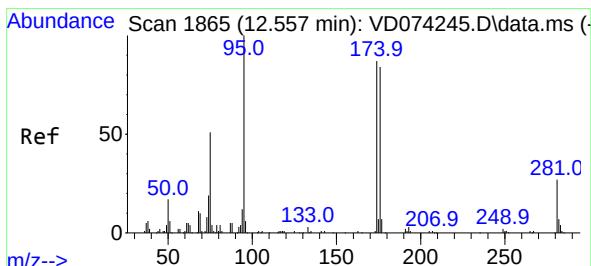
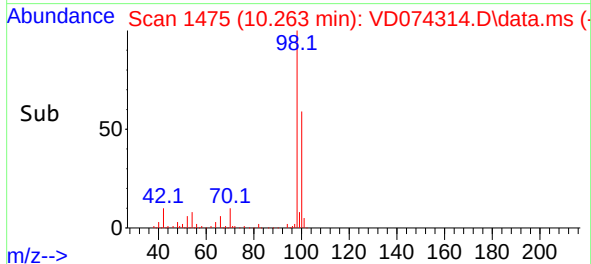
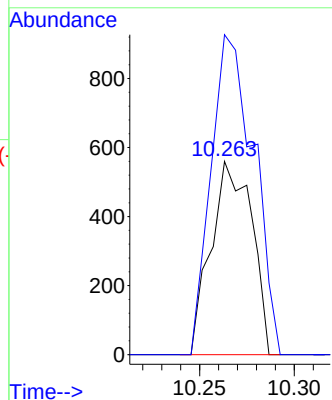
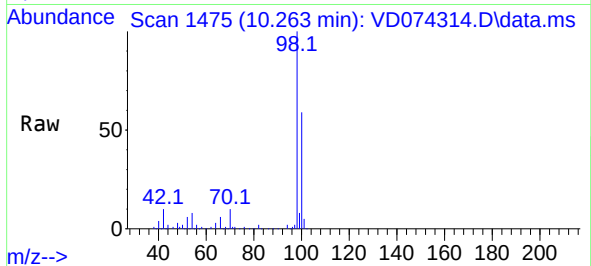




#51
4-Methyl-2-Pentanone
Concen: 1.059 ug/l
RT: 10.263 min Scan# 1456
Delta R.T. 0.112 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

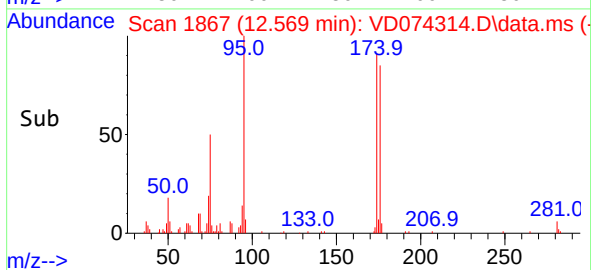
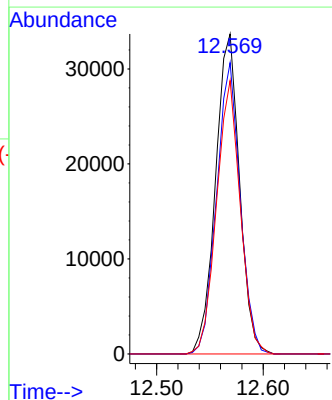
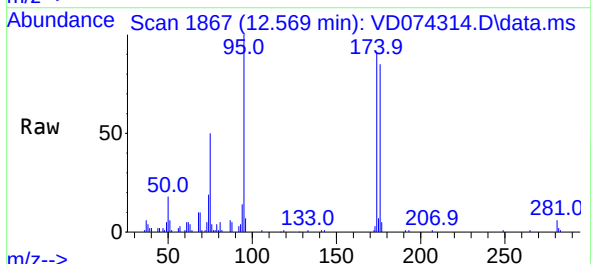
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-2-3-4

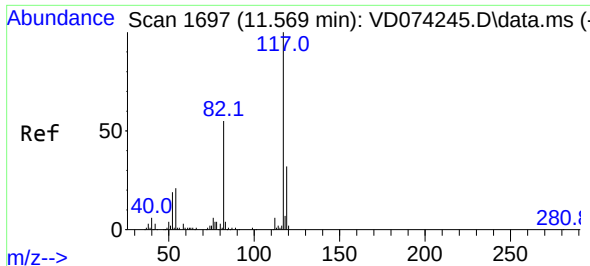
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 173.4 33.3 49.9#



#62
4-Bromofluorobenzene
Concen: 33.270 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

Tgt Ion: 95 Resp: 52618
Ion Ratio Lower Upper
95 100
174 89.5 0.0 179.2
176 84.4 0.0 171.4

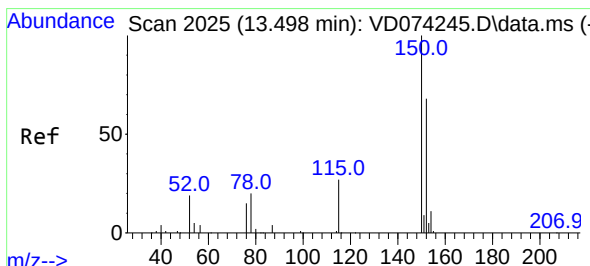
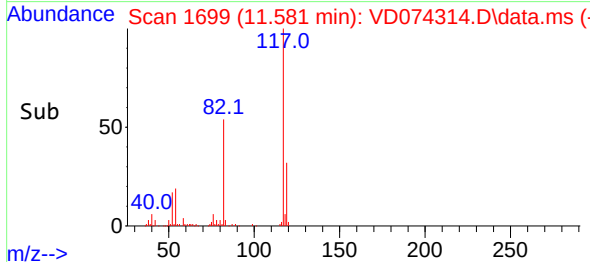
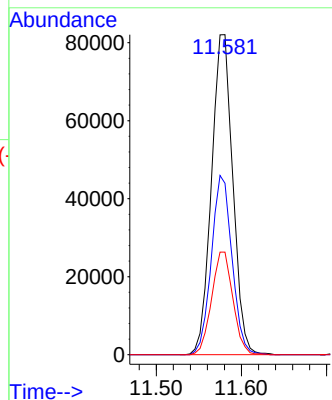
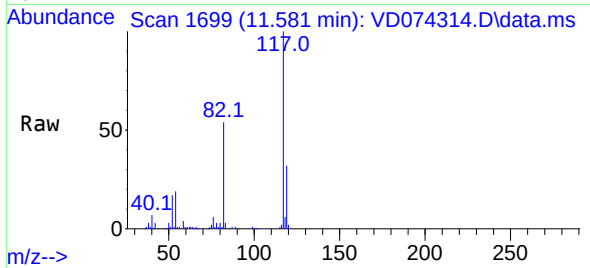




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

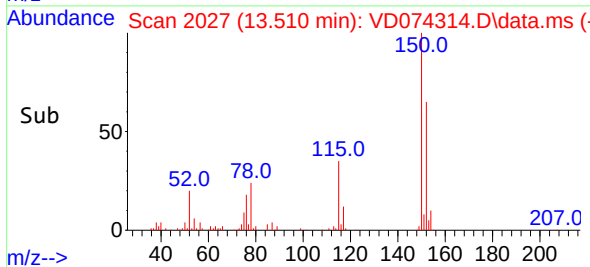
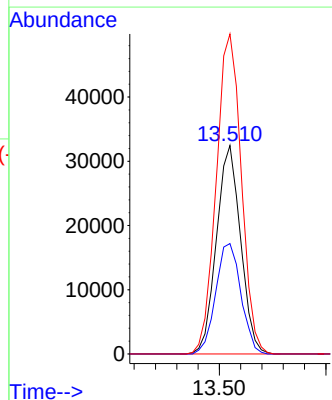
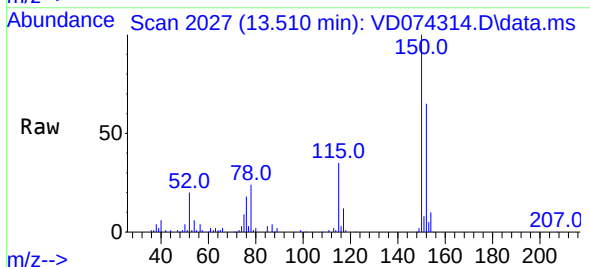
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-2-3-4

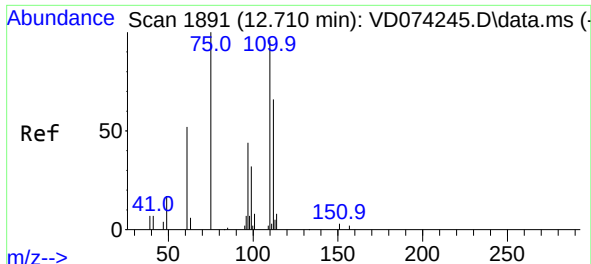
Tgt Ion:117 Resp: 142767
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

Tgt Ion:152 Resp: 50984
Ion Ratio Lower Upper
152 100
115 55.3 28.4 85.2
150 159.4 0.0 351.0

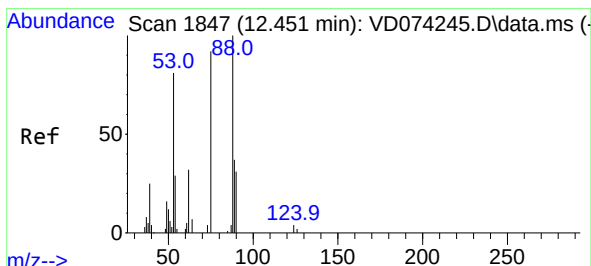
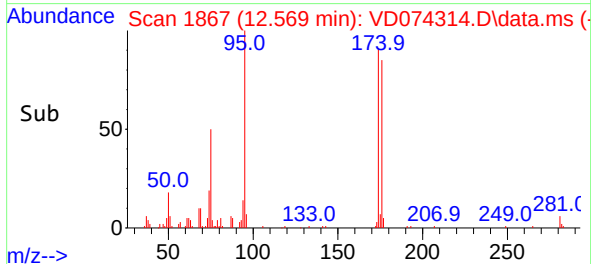
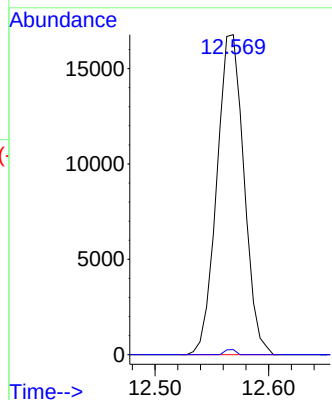
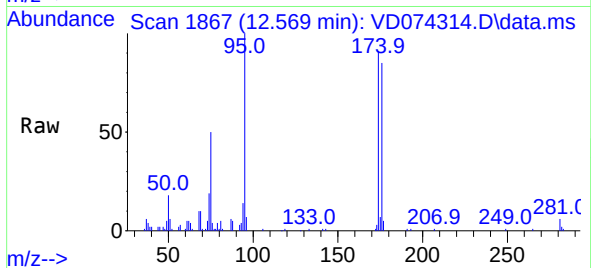




#76
1,2,3-Trichloropropane
Concen: 53.348 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.141 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-2-3-4

Tgt Ion: 75 Resp: 27883
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.533 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.118 min
Lab File: VD074314.D
Acq: 15 Sep 2022 17:58

Tgt Ion: 75 Resp: 27883
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

