

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074318.D
 Acq On : 15 Sep 2022 19:50
 Operator : VA/SY
 Sample : N4584-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 33811

Quant Time: Sep 16 05:55:48 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)

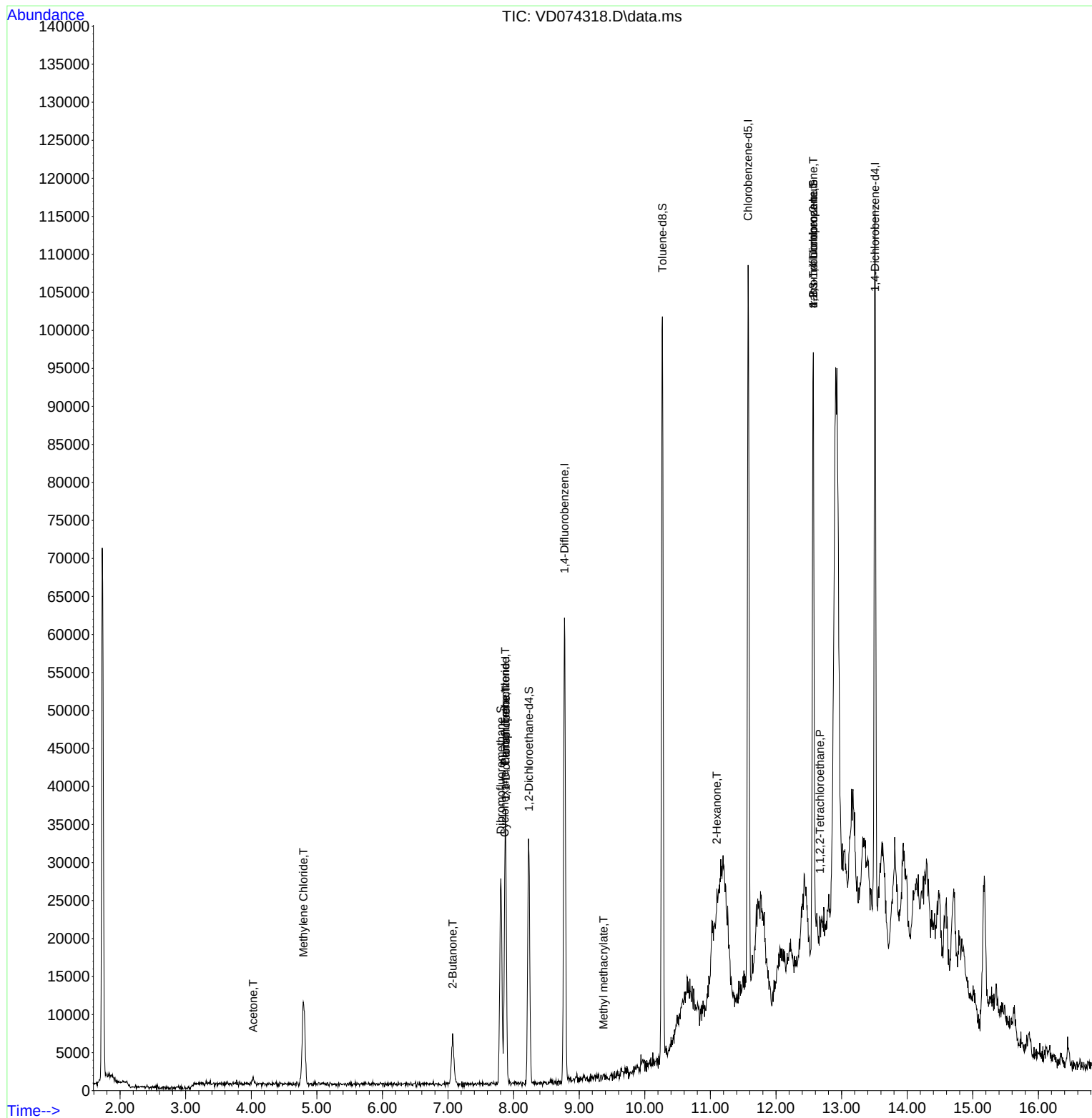
Internal Standards						
1) Pentafluorobenzene	7.875	168	27065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	53117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	53039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	25243	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25058	90.812	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 181.620%#	
35) Dibromofluoromethane	7.805	113	20094	56.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.980%	
50) Toluene-d8	10.269	98	69390	53.292	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.580%	
62) 4-Bromofluorobenzene	12.569	95	24204	53.744	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.480%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1347	23.650	ug/l	100
20) Methylene Chloride	4.793	84	8861	22.166	ug/l #	90
25) 2-Butanone	7.069	43	302	3.179	ug/l #	48
31) Cyclohexane	7.863	56	620	1.087	ug/l #	31
36) 1,1-Dichloropropene	7.881	75	2085	3.627	ug/l #	44
38) Carbon Tetrachloride	7.875	117	2862	5.502	ug/l #	11
48) Methyl methacrylate	9.369	41	349	1.534	ug/l #	38
59) 2-Hexanone	11.099	43	894	5.409	ug/l	61
75) 1,1,2,2-Tetrachloroethane	12.669	83	543	1.396	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	12107	46.785	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	12107	115.352	ug/l #	100

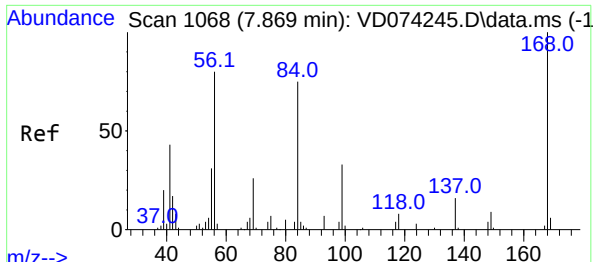
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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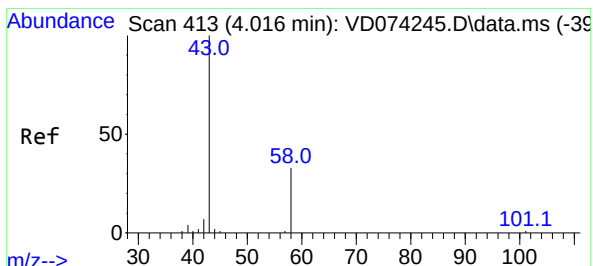
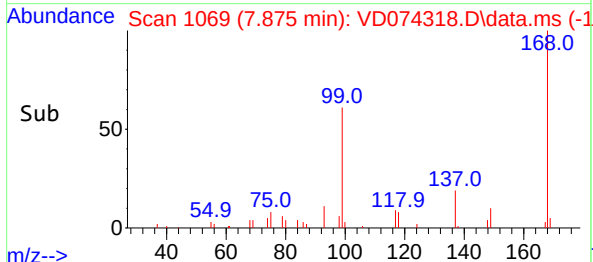
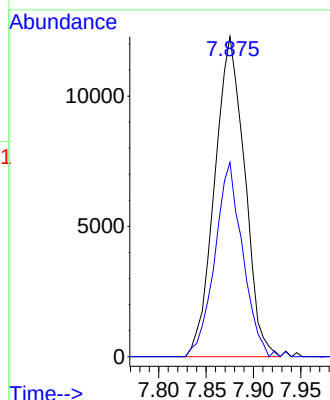
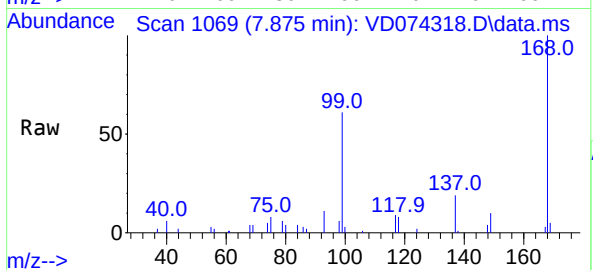




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

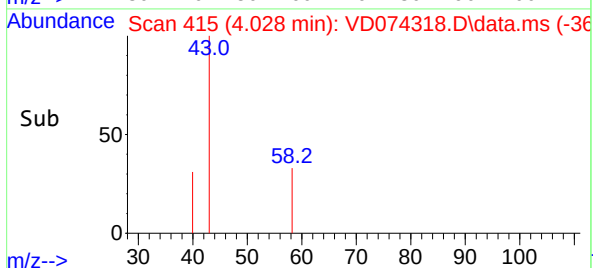
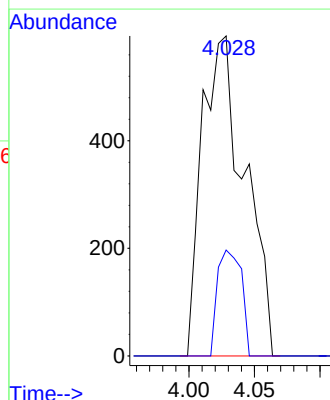
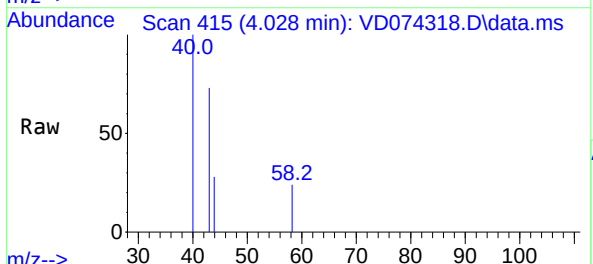
Instrument :
MSVOA_Y
ClientSampleId :
33811

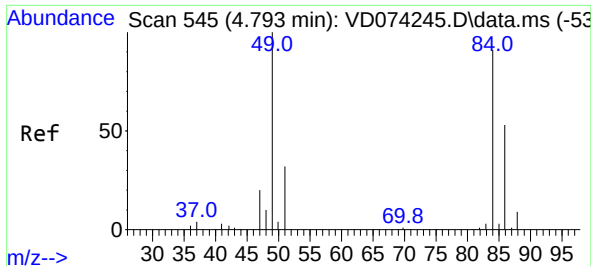
Tgt Ion:168 Resp: 27065
Ion Ratio Lower Upper
168 100
99 60.7 43.0 64.6



#16
Acetone
Concen: 23.650 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
58 33.1 26.4 39.6



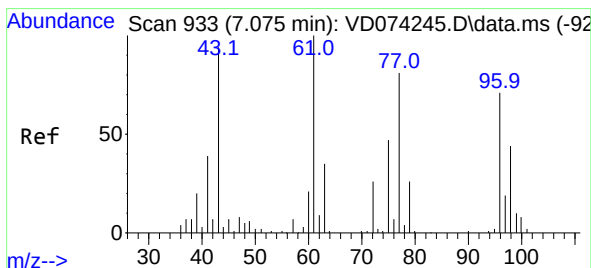
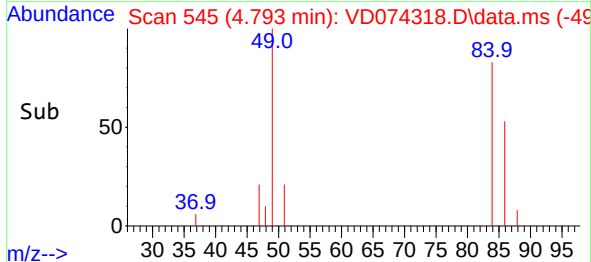
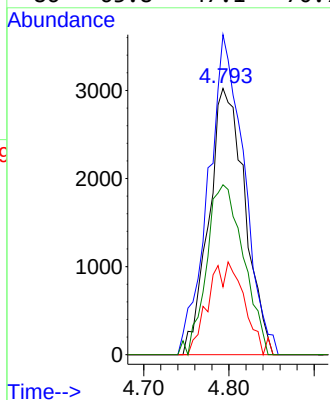
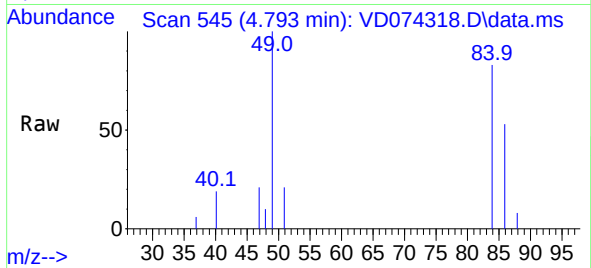


#20
Methylene Chloride
Concen: 22.166 ug/l
RT: 4.793 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

Instrument :
MSVOA_Y
ClientSampleId :
33811

Tgt Ion: 84 Resp: 8861

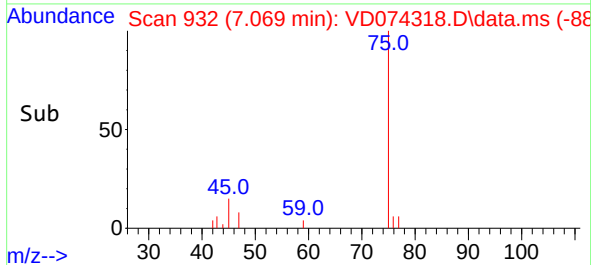
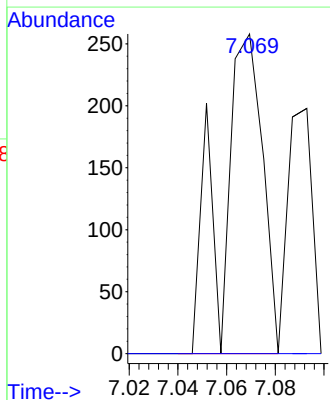
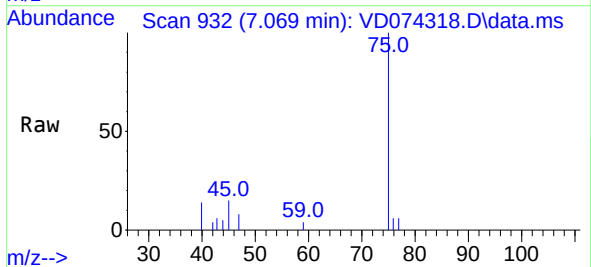
Ion	Ratio	Lower	Upper
84	100		
49	120.2	88.4	132.6
51	25.5	28.0	42.0#
86	63.8	47.1	70.7

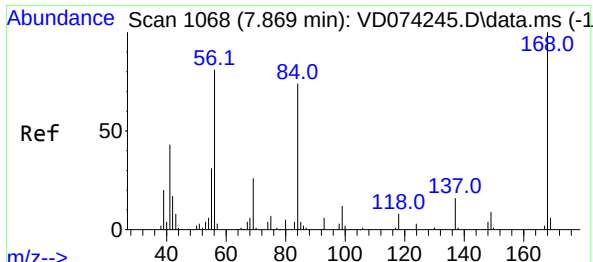


#25
2-Butanone
Concen: 3.179 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

Tgt Ion: 43 Resp: 302

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#





#31

Cyclohexane

Concen: 1.087 ug/l

RT: 7.863 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD074318.D

Acq: 15 Sep 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

33811

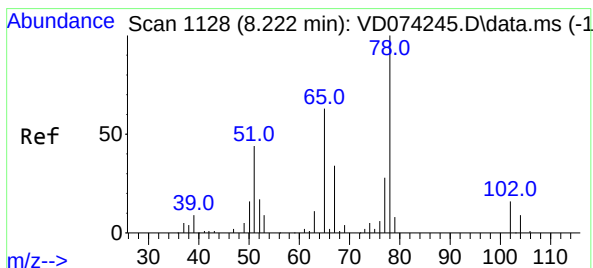
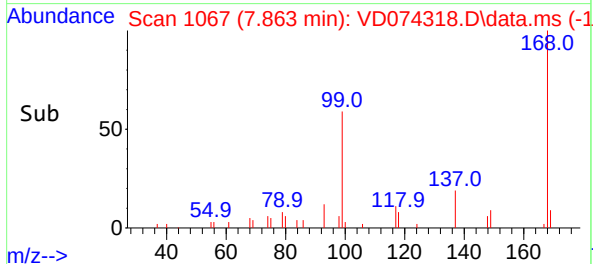
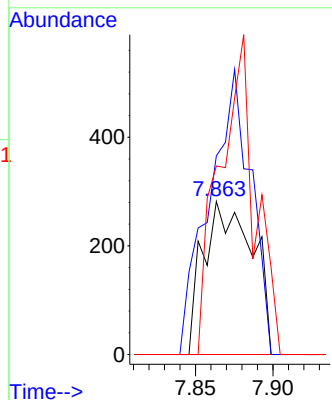
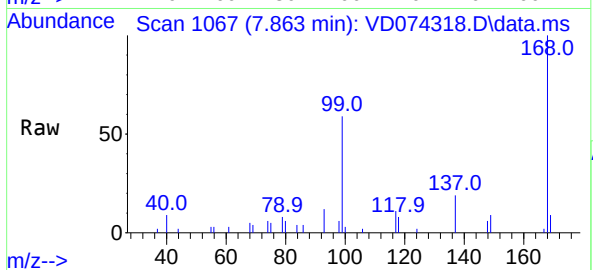
Tgt Ion: 56 Resp: 620

Ion Ratio Lower Upper

56 100

69 129.8 25.7 38.5#

84 123.0 73.9 110.9#



#33

1,2-Dichloroethane-d4

Concen: 90.812 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VD074318.D

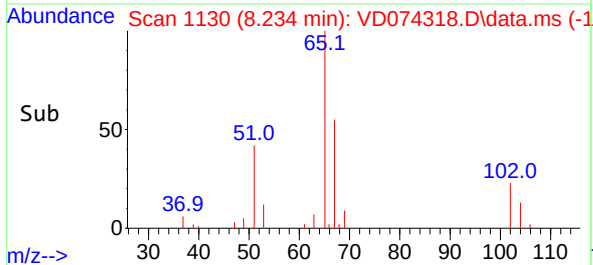
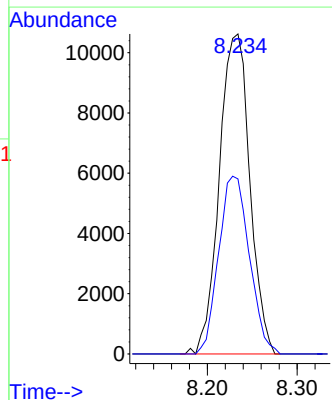
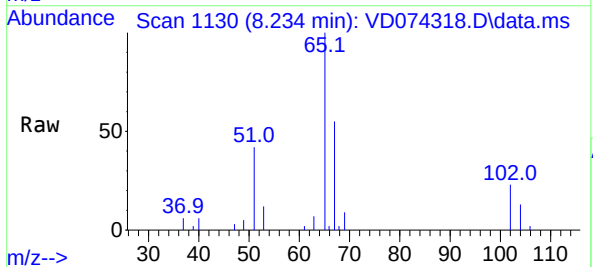
Acq: 15 Sep 2022 19:50

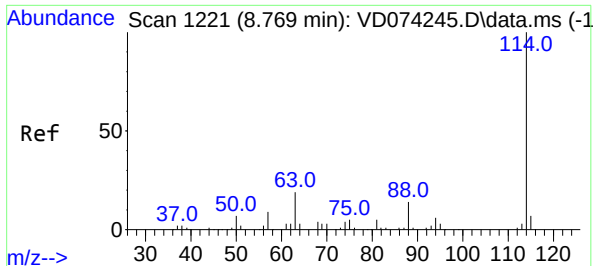
Tgt Ion: 65 Resp: 25058

Ion Ratio Lower Upper

65 100

67 56.0 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074318.D

Acq: 15 Sep 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

33811

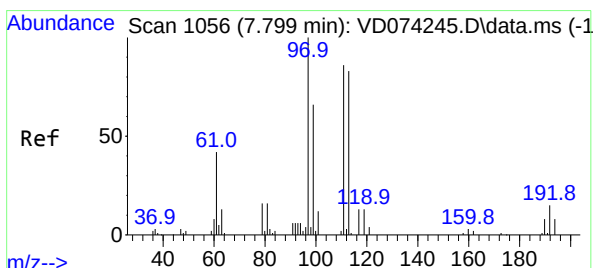
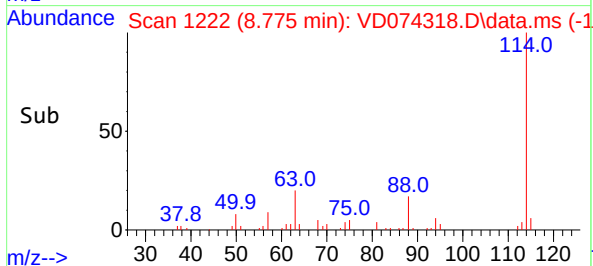
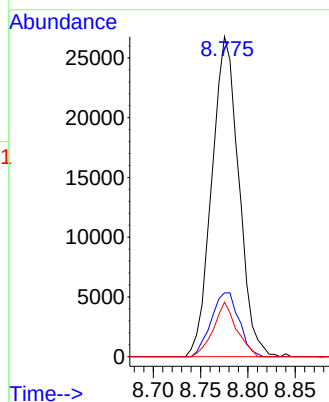
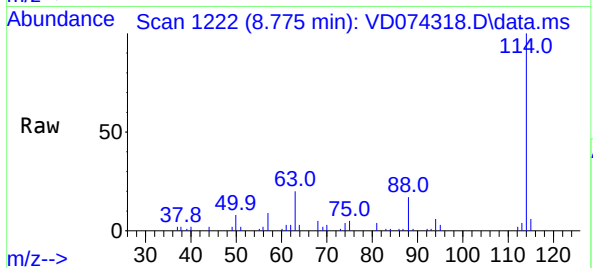
Tgt Ion:114 Resp: 53117

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.6

88 17.0 0.0 28.4



#35

Dibromofluoromethane

Concen: 56.990 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VD074318.D

Acq: 15 Sep 2022 19:50

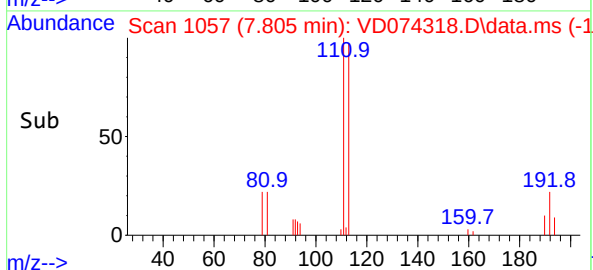
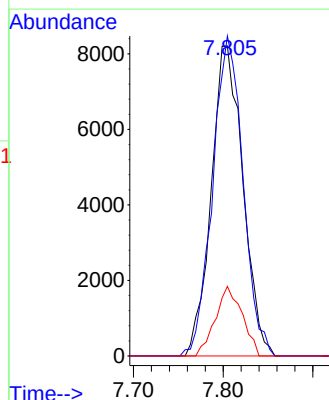
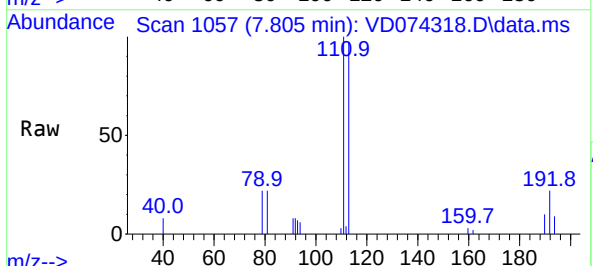
Tgt Ion:113 Resp: 20094

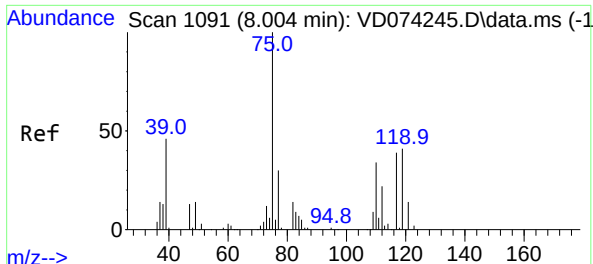
Ion Ratio Lower Upper

113 100

111 99.3 83.0 124.6

192 19.0 16.2 24.2





#36

1,1-Dichloropropene

Concen: 3.627 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.123 min

Lab File: VD074318.D

Acq: 15 Sep 2022 19:50

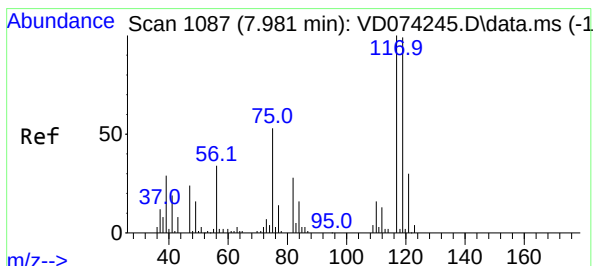
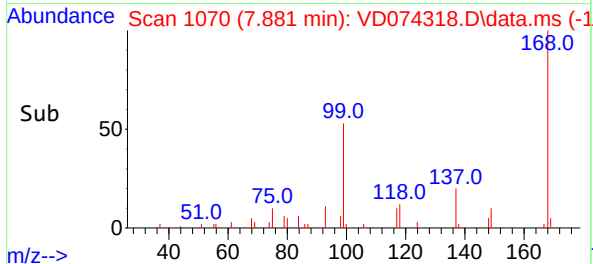
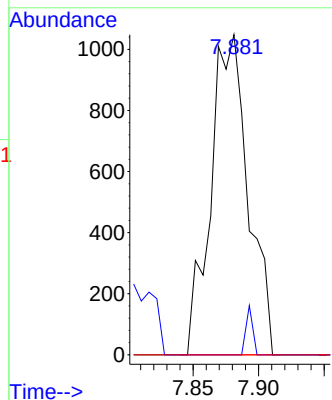
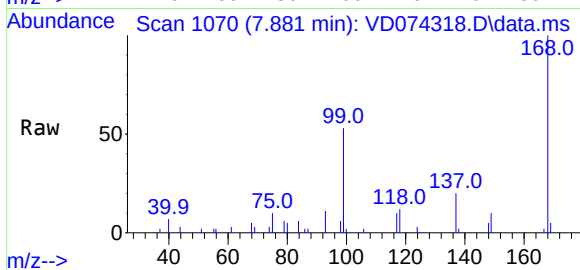
Instrument :

MSVOA_Y

ClientSampleId :

33811

Tgt Ion:	75	Resp:	2085
Ion	Ratio	Lower	Upper
75	100		
110	2.7	17.5	52.5#
77	0.0	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 5.502 ug/l

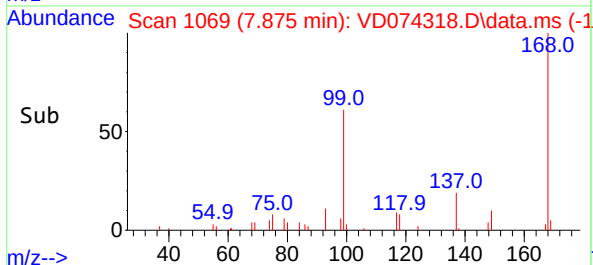
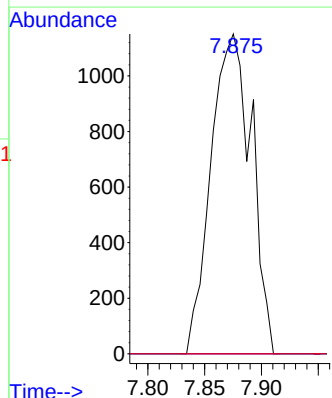
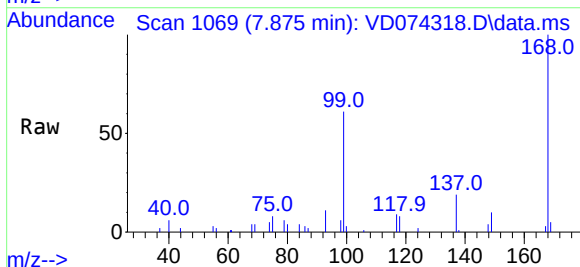
RT: 7.875 min Scan# 1069

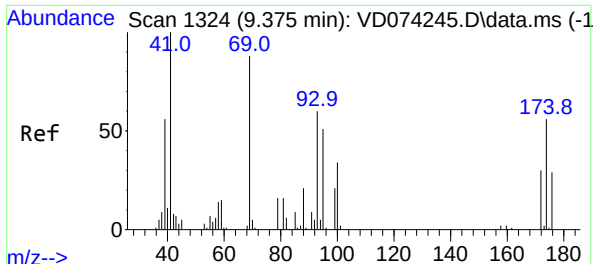
Delta R.T. -0.106 min

Lab File: VD074318.D

Acq: 15 Sep 2022 19:50

Tgt Ion:	117	Resp:	2862
Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.8	118.2#
121	0.0	23.9	35.9#





#48

Methyl methacrylate

Concen: 1.534 ug/l

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074318.D

Acq: 15 Sep 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

33811

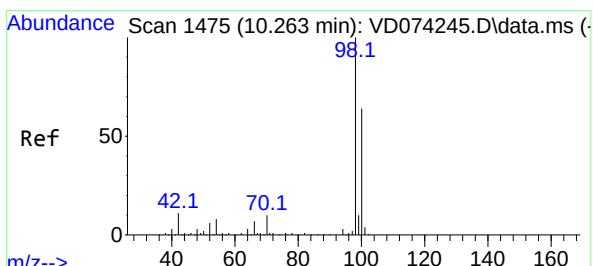
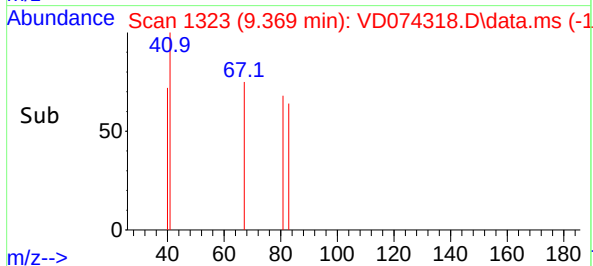
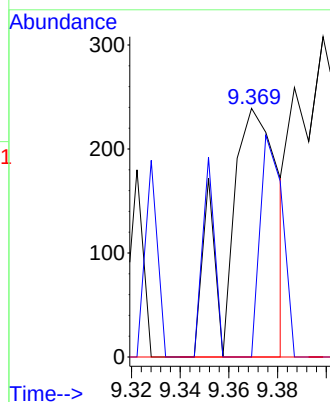
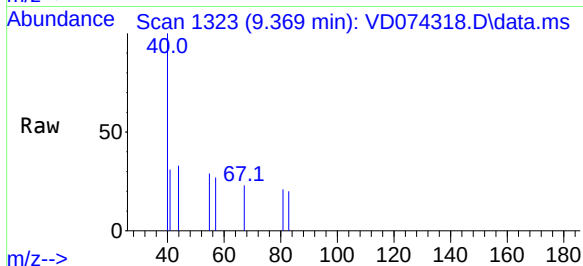
Tgt Ion: 41 Resp: 349

Ion Ratio Lower Upper

41 100

69 38.7 72.7 109.1#

39 0.0 41.6 62.4#



#50

Toluene-d8

Concen: 53.292 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD074318.D

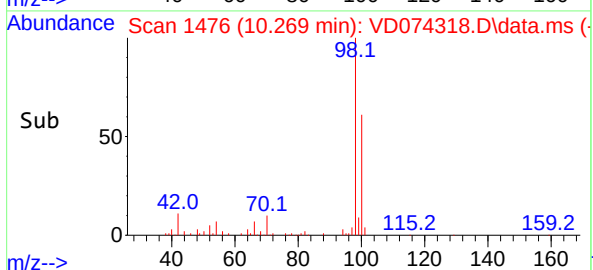
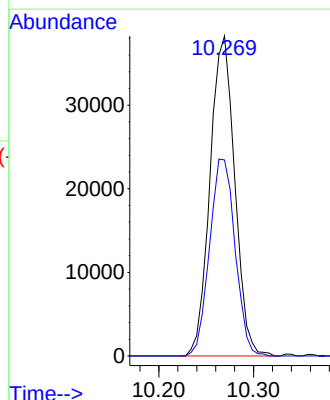
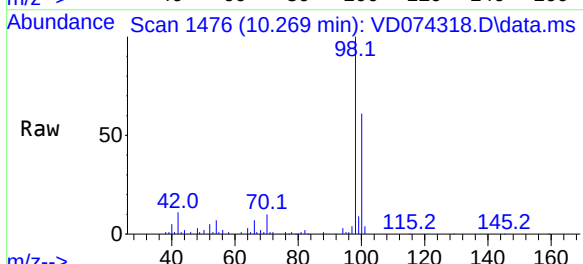
Acq: 15 Sep 2022 19:50

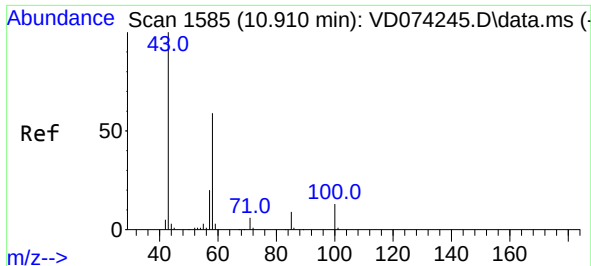
Tgt Ion: 98 Resp: 69390

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8

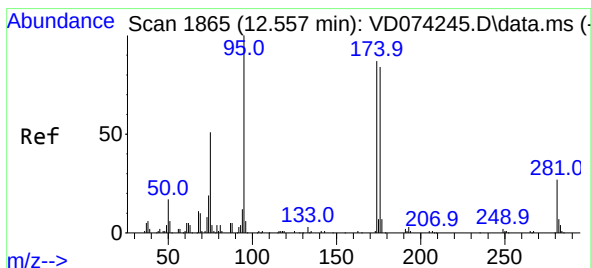
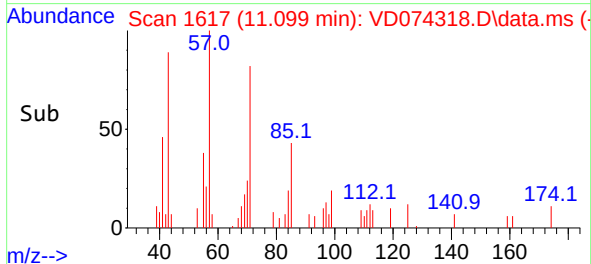
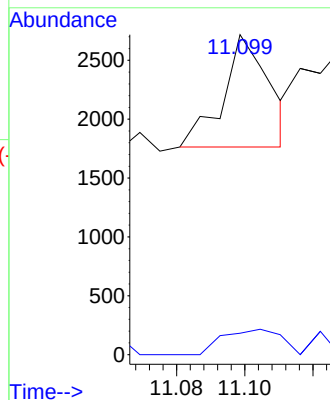
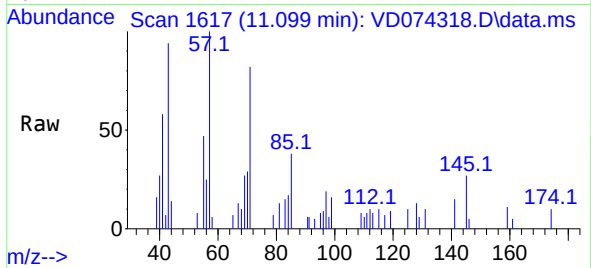




#59
2-Hexanone
Concen: 5.409 ug/l
RT: 11.099 min Scan# 1109
Delta R.T. 0.188 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

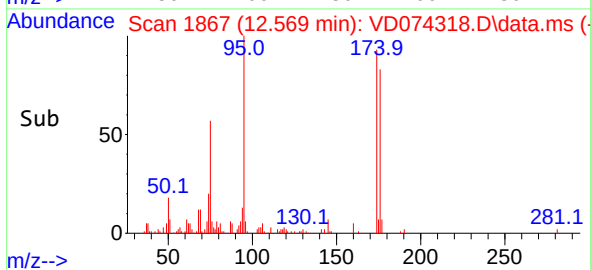
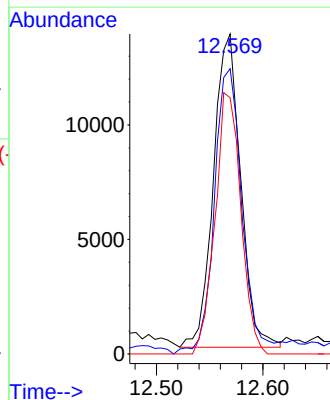
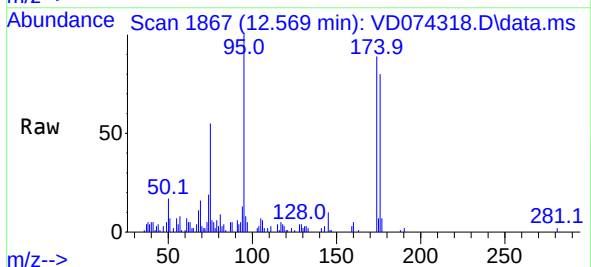
Instrument :
MSVOA_Y
ClientSampleId :
33811

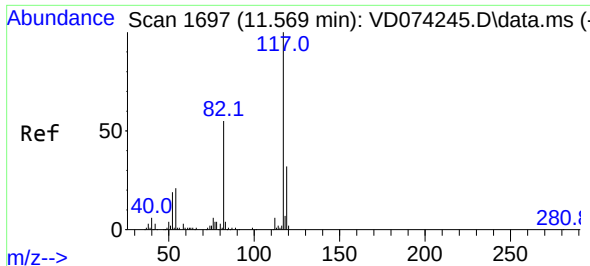
Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 28.7 28.6 85.8



#62
4-Bromofluorobenzene
Concen: 53.744 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

Tgt Ion: 95 Resp: 24204
Ion Ratio Lower Upper
95 100
174 92.8 0.0 179.2
176 79.3 0.0 171.4

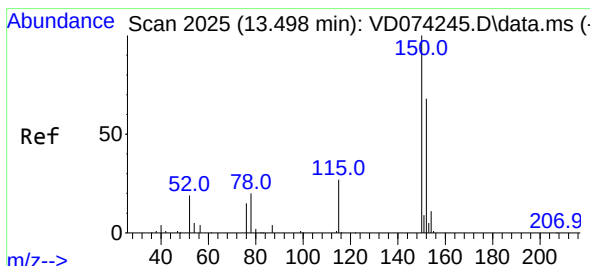
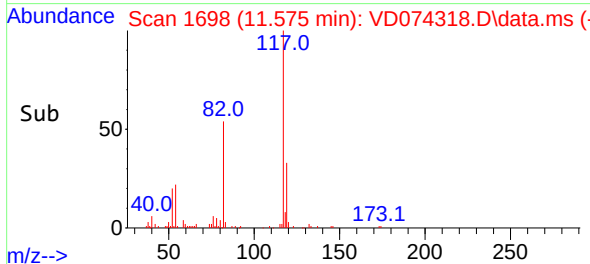
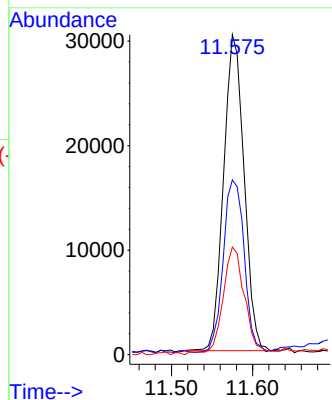
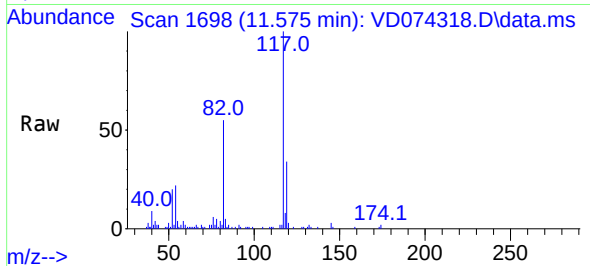




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

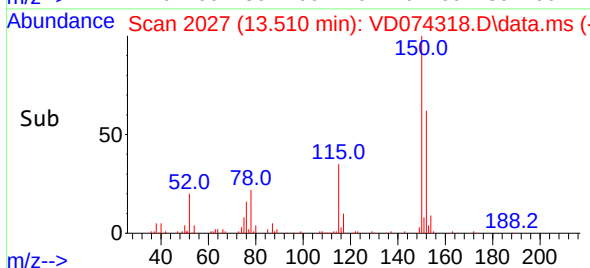
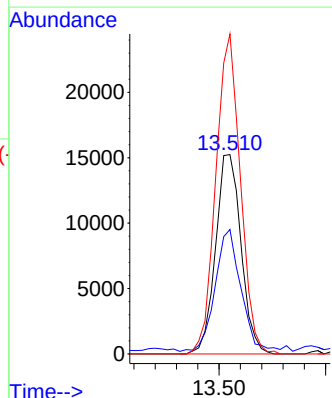
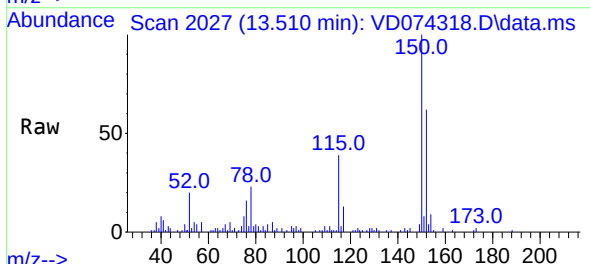
Instrument :
MSVOA_Y
ClientSampleId :
33811

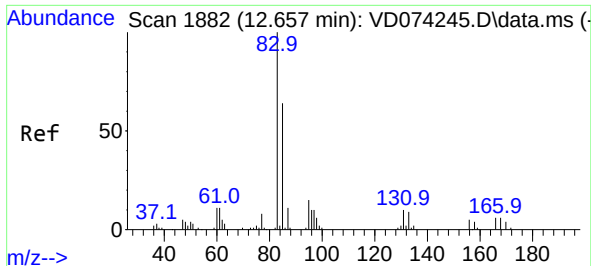
Tgt Ion:117	Resp:	53039
Ion	Ratio	Lower Upper
117	100	
82	54.3	44.2 66.2
119	33.5	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

Tgt Ion:152	Resp:	25243
Ion	Ratio	Lower Upper
152	100	
115	61.7	28.4 85.2
150	154.8	0.0 351.0

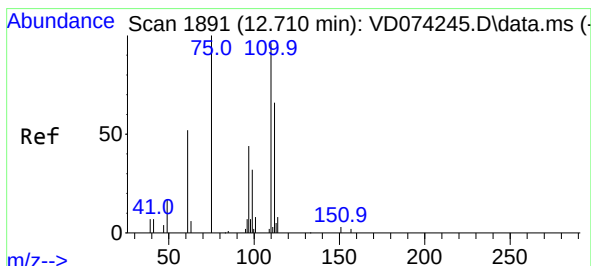
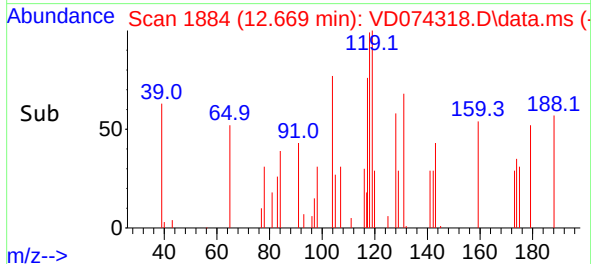
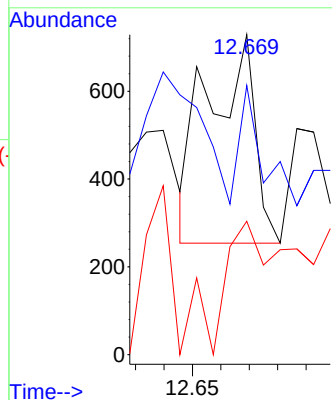
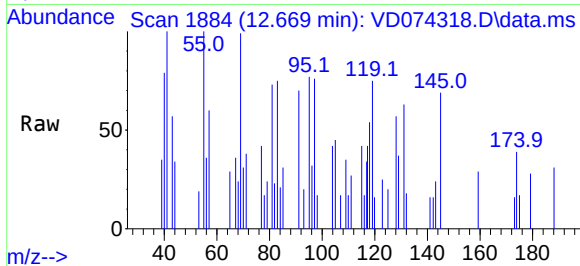




#75
1,1,2,2-Tetrachloroethane
Concen: 1.396 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.012 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

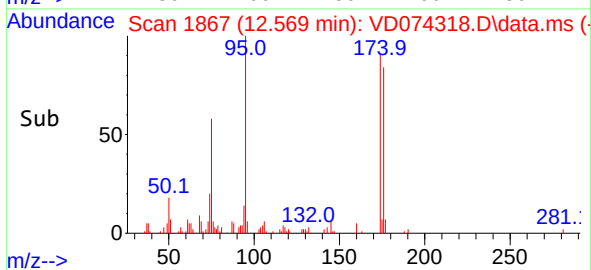
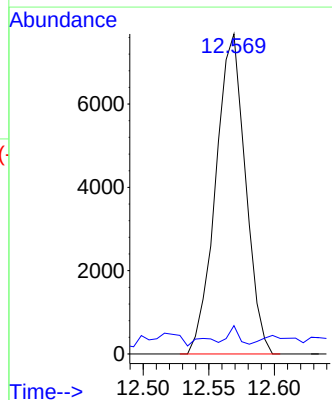
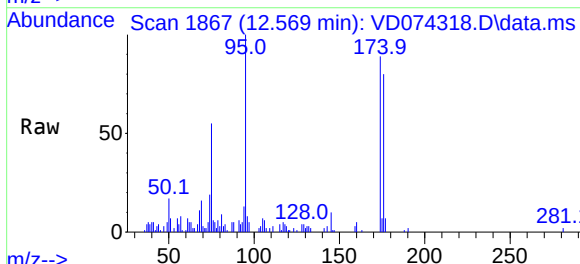
Instrument :
MSVOA_Y
ClientSampleId :
33811

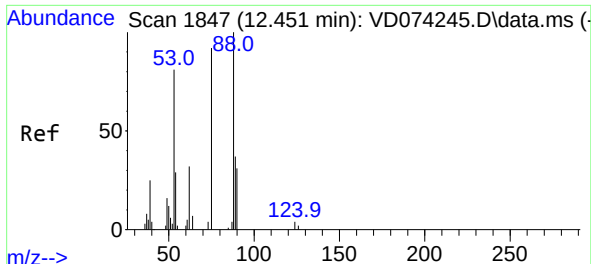
Tgt Ion: 83 Resp: 543
Ion Ratio Lower Upper
83 100
131 49.5 4.9 14.7#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 46.785 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.141 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

Tgt Ion: 75 Resp: 12107
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.352 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VD074318.D
 Acq: 15 Sep 2022 19:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 33811

Tgt Ion:	75	Resp:	12107
Ion	Ratio	Lower	Upper
75	100		
53	4.7	0.0	0.0#
89	0.0	0.0	0.0

