

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074373.D
 Acq On : 20 Sep 2022 18:45
 Operator : VA/SY
 Sample : N4668-07
 Misc : 6.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22003-18

Quant Time: Sep 21 02:25:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

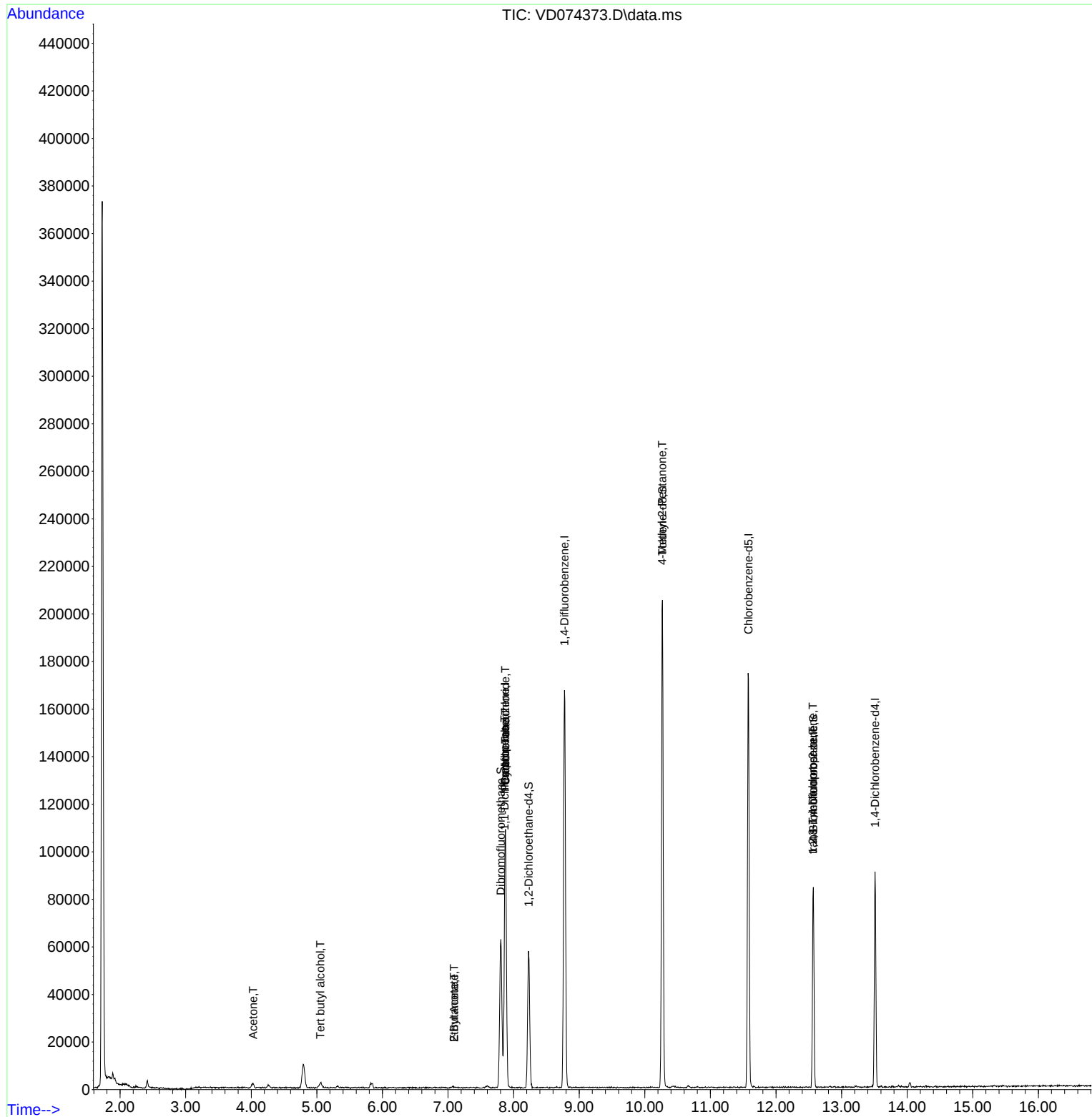
Internal Standards						
1) Pentafluorobenzene	7.869	168	86441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	151712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	102699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	24633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45244	53.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.480%	
35) Dibromofluoromethane	7.805	113	45610	45.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.300%	
50) Toluene-d8	10.269	98	143171	41.527	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.060%	
62) 4-Bromofluorobenzene	12.569	95	25674	18.356	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 36.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.052	59	4209	73.973	ug/l #	92
16) Acetone	4.028	43	3467	18.278	ug/l	100
20) Methylene Chloride	4.799	84	7176	Below Cal	#	93
25) 2-Butanone	7.093	43	812	2.874	ug/l #	48
31) Cyclohexane	7.875	56	1997	1.131	ug/l #	28
36) 1,1-Dichloropropene	7.863	75	6905	4.527	ug/l #	49
37) Ethyl Acetate	7.093	43	812	1.329	ug/l #	67
38) Carbon Tetrachloride	7.875	117	8227	6.087	ug/l #	11
51) 4-Methyl-2-Pentanone	10.263	43	657	1.109	ug/l #	1
76) 1,2,3-Trichloropropane	12.563	75	13339	58.527	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	13339	146.684	ug/l #	100

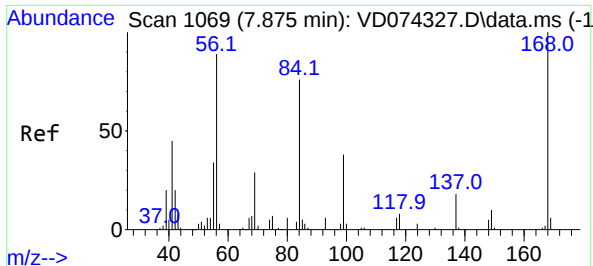
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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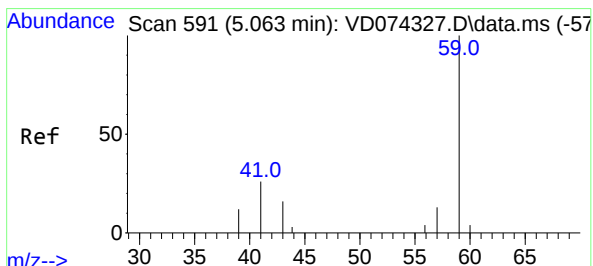
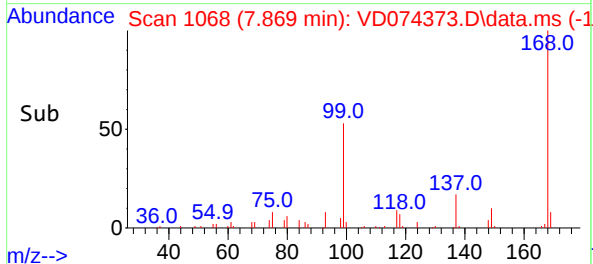
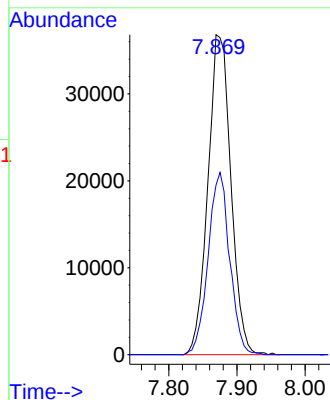
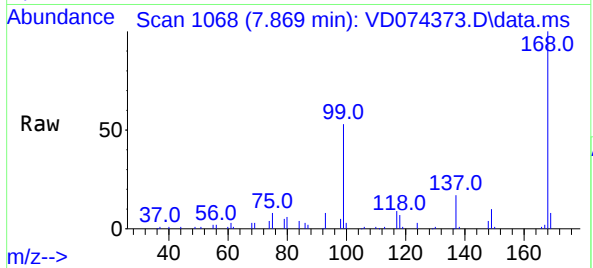




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

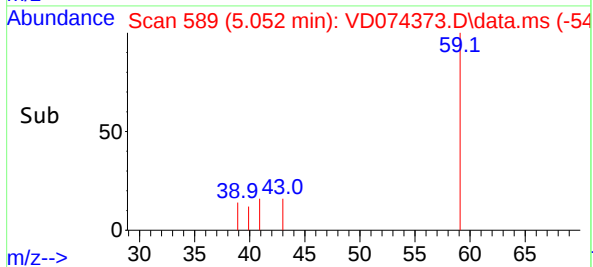
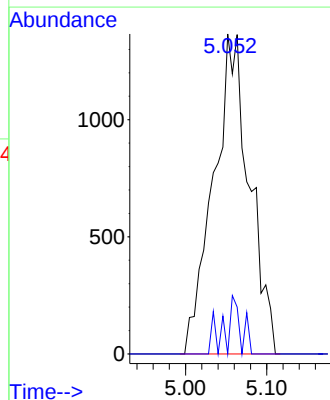
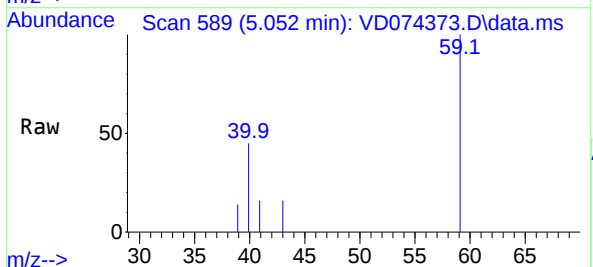
Instrument :
MSVOA_D
ClientSampleId :
D22003-18

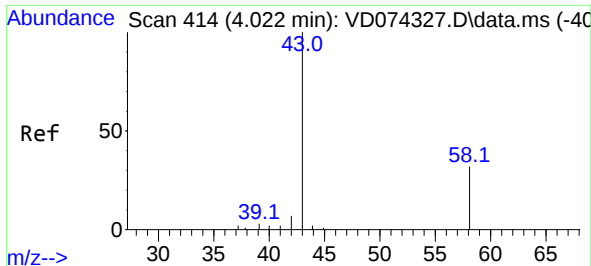
Tgt Ion:168 Resp: 86441
Ion Ratio Lower Upper
168 100
99 53.0 43.0 64.6



#11
Tert butyl alcohol
Concen: 73.973 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.011 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

Tgt Ion: 59 Resp: 4209
Ion Ratio Lower Upper
59 100
57 6.6 7.7 11.5#

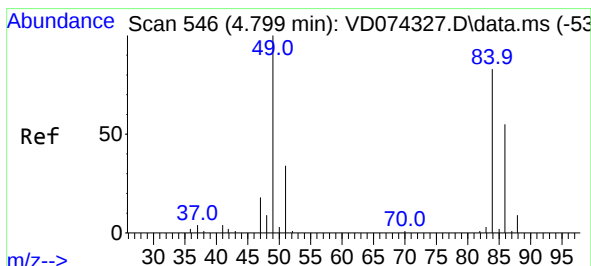
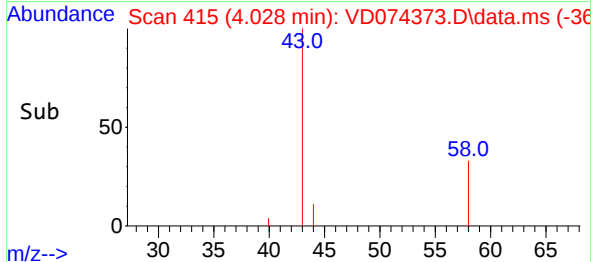
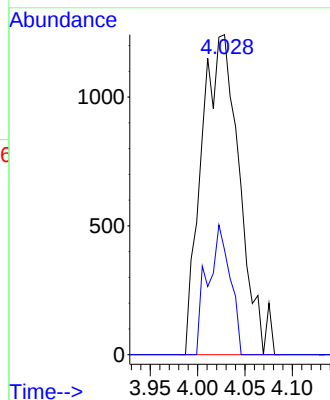
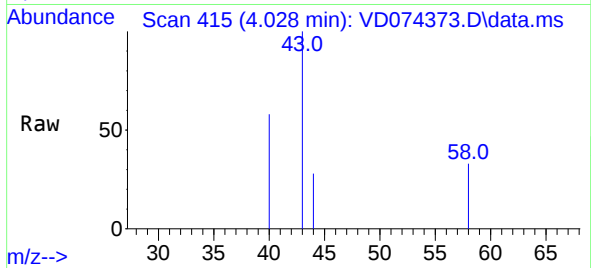




#16
Acetone
Concen: 18.278 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

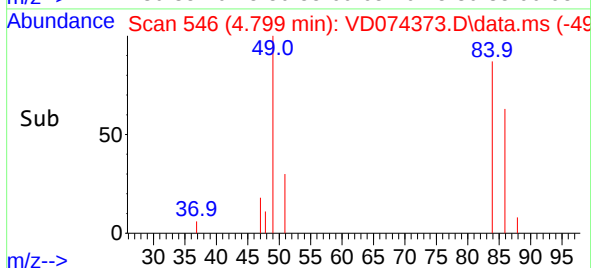
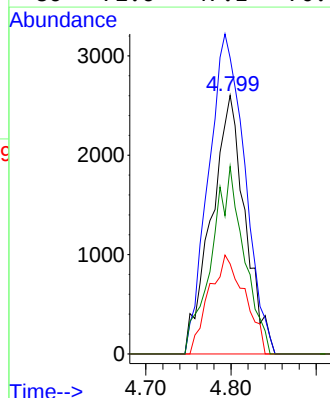
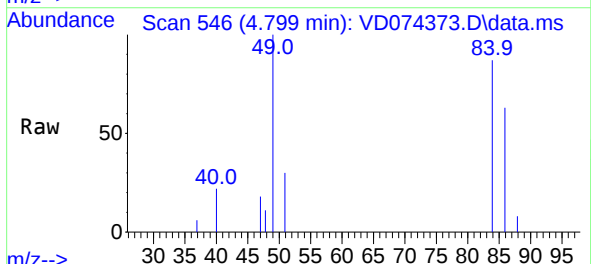
Instrument :
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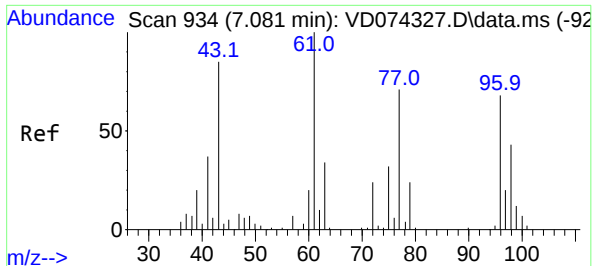
Tgt Ion: 43 Resp: 3467
Ion Ratio Lower Upper
43 100
58 32.8 26.4 39.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

Tgt Ion: 84 Resp: 7176
Ion Ratio Lower Upper
84 100
49 114.6 88.4 132.6
51 34.9 28.0 42.0
86 72.6 47.1 70.7#

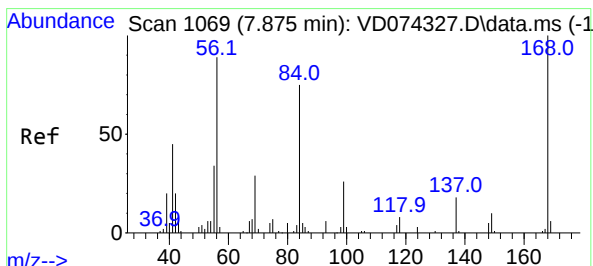
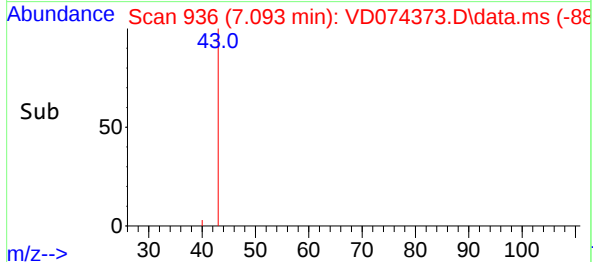
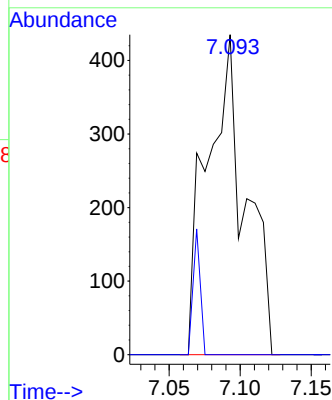
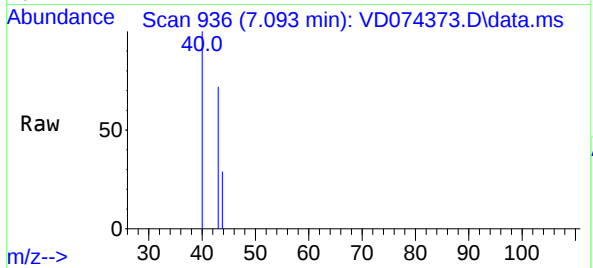




#25
2-Butanone
Concen: 2.874 ug/l
RT: 7.093 min Scan# 912
Delta R.T. 0.012 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

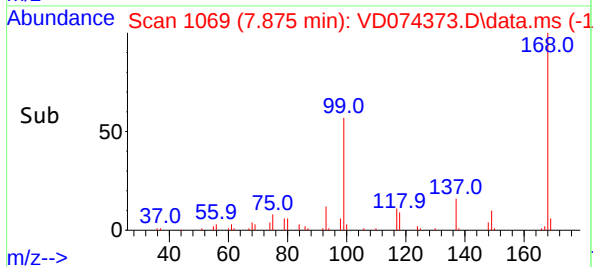
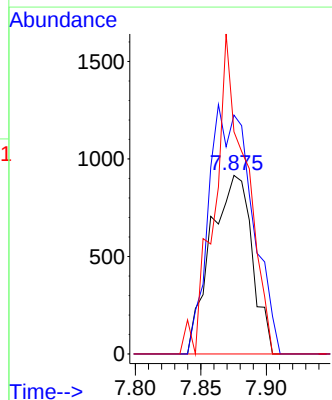
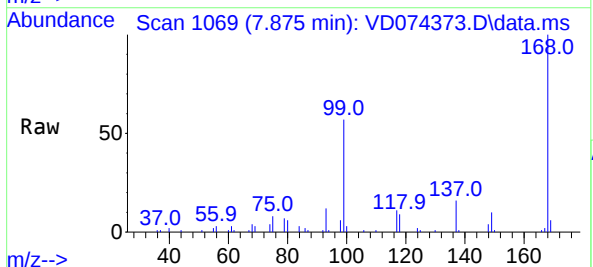
Instrument :
MSVOA_D
ClientSampleId :
D22003-18

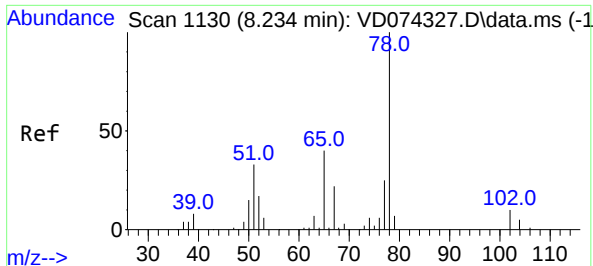
Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

Tgt Ion: 56 Resp: 1997
Ion Ratio Lower Upper
56 100
69 133.7 25.7 38.5#
84 124.5 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 53.737 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074373.D

Acq: 20 Sep 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

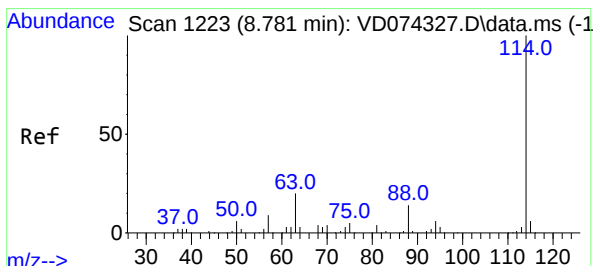
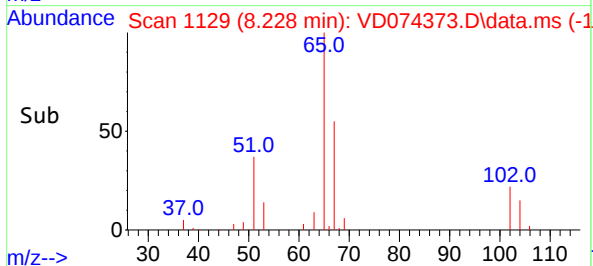
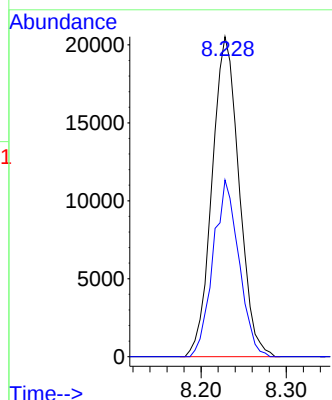
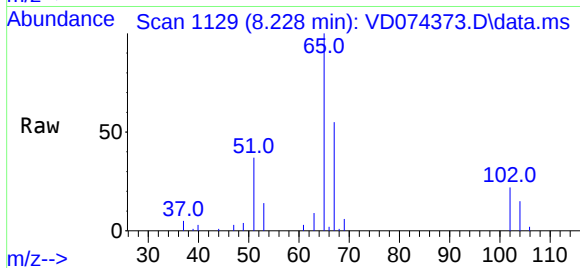
D22003-18

Tgt Ion: 65 Resp: 45244

Ion Ratio Lower Upper

65 100

67 52.8 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: VD074373.D

Acq: 20 Sep 2022 18:45

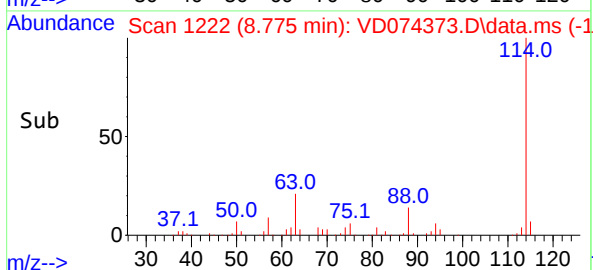
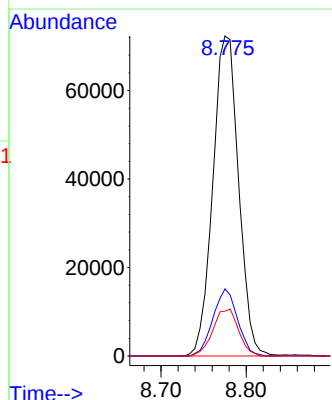
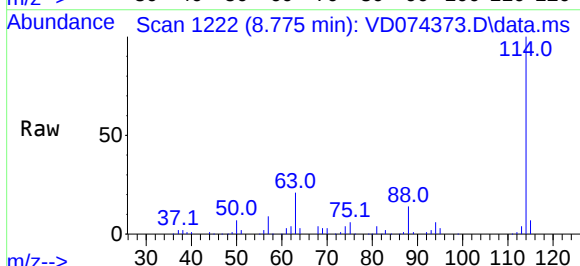
Tgt Ion: 114 Resp: 151712

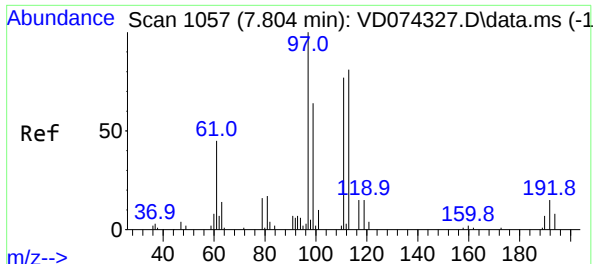
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.6

88 14.0 0.0 28.4

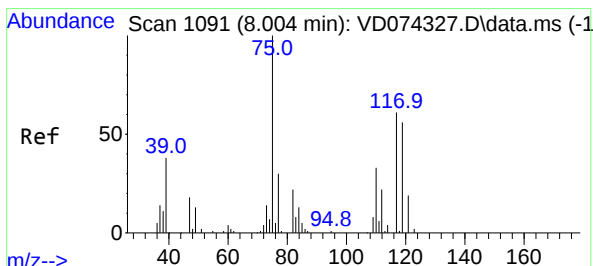
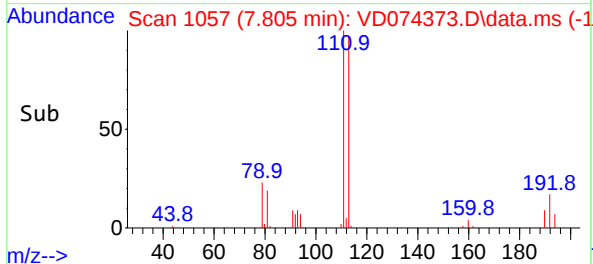
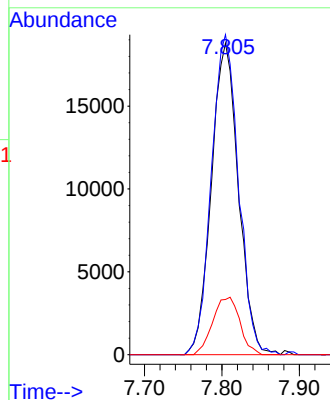
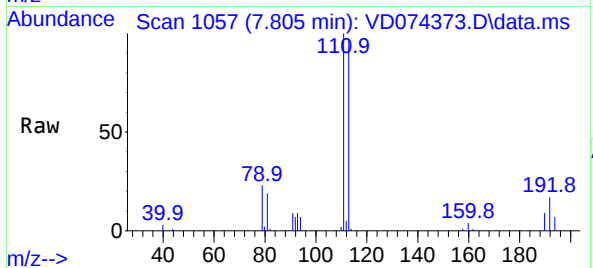




#35
Dibromofluoromethane
Concen: 45.647 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

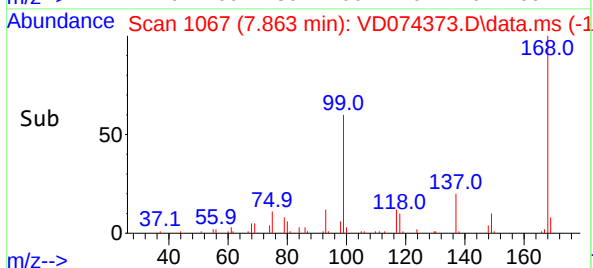
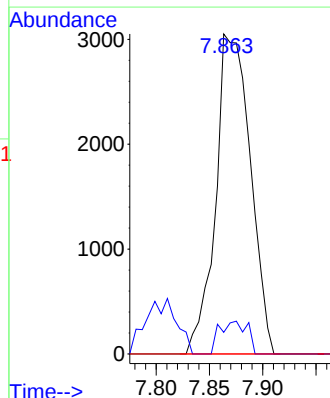
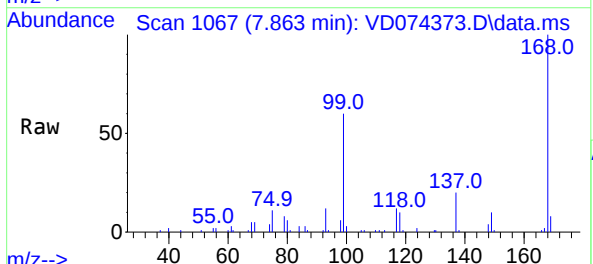
Instrument :
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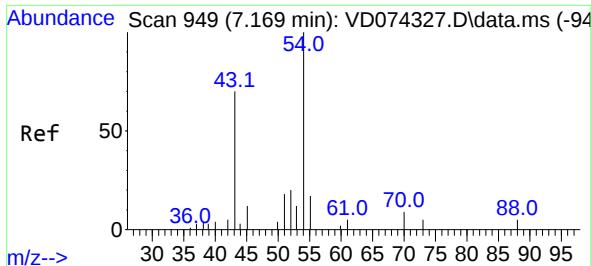
Tgt Ion:113 Resp: 45610
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.6
192 18.5 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.527 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

Tgt Ion: 75 Resp: 6905
Ion Ratio Lower Upper
75 100
110 8.2 17.5 52.5#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 1.329 ug/l

RT: 7.093 min Scan# 91

Delta R.T. -0.076 min

Lab File: VD074373.D

Acq: 20 Sep 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

D22003-18

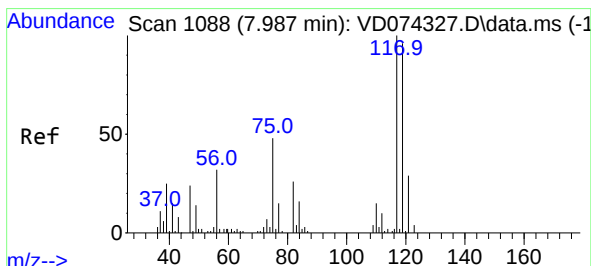
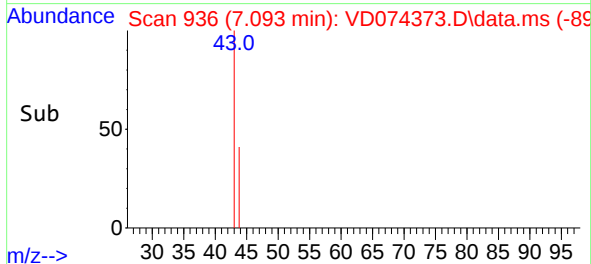
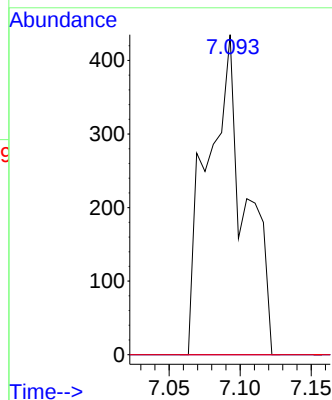
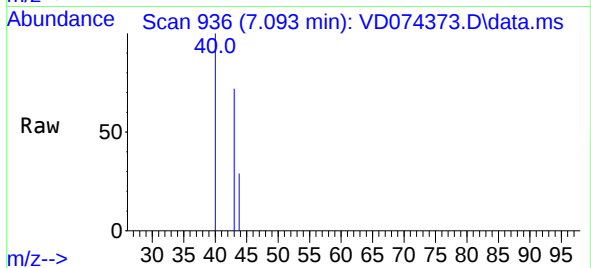
Tgt Ion: 43 Resp: 812

Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.087 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074373.D

Acq: 20 Sep 2022 18:45

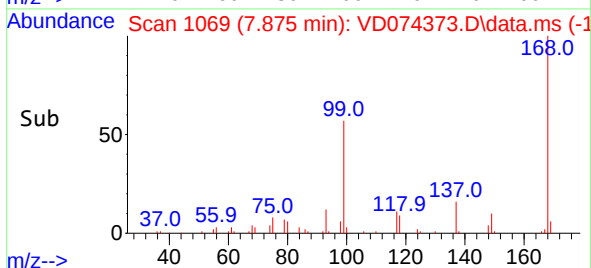
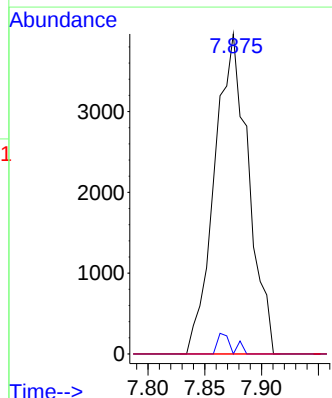
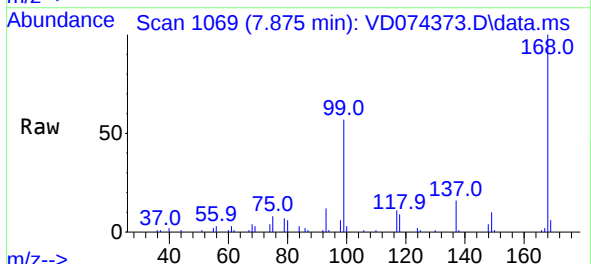
Tgt Ion: 117 Resp: 8227

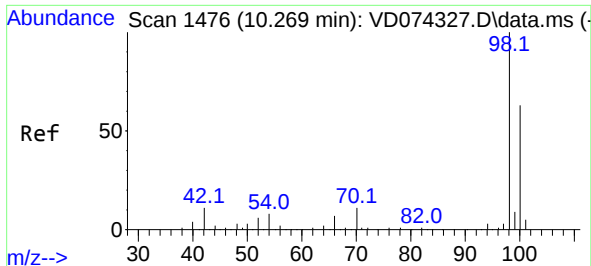
Ion Ratio Lower Upper

117 100

119 0.0 78.8 118.2#

121 0.0 23.9 35.9#

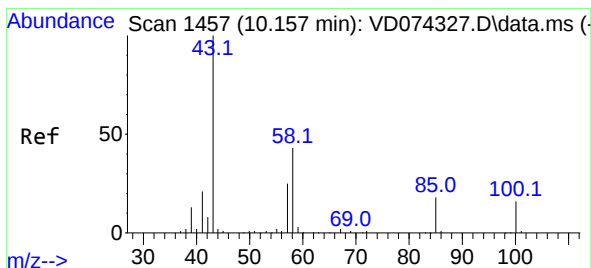
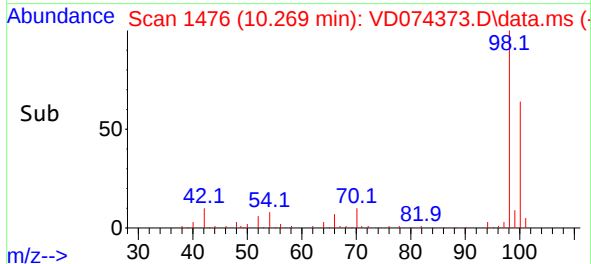
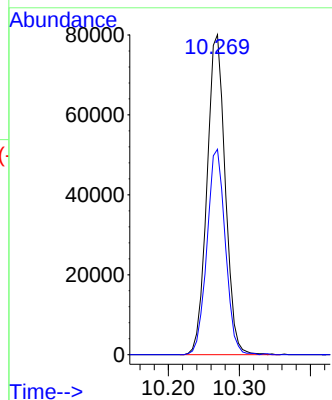
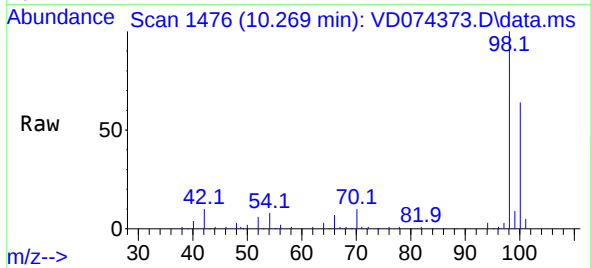




#50
Toluene-d8
Concen: 41.527 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

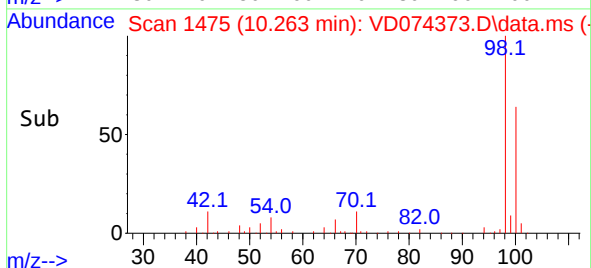
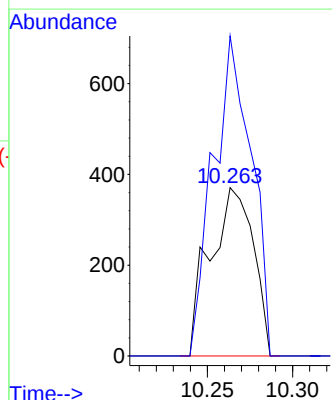
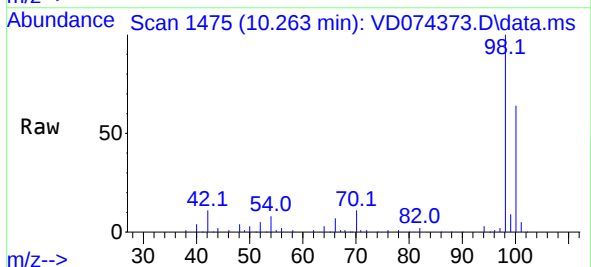
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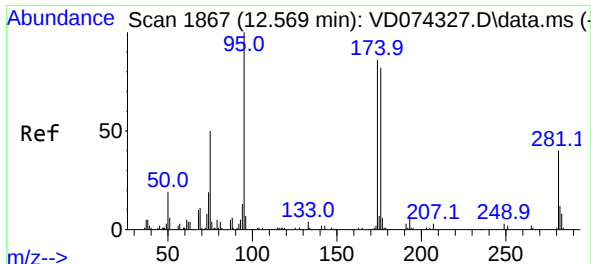
Tgt Ion: 98 Resp: 143171
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 1.109 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

Tgt Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
58 167.9 33.3 49.9#

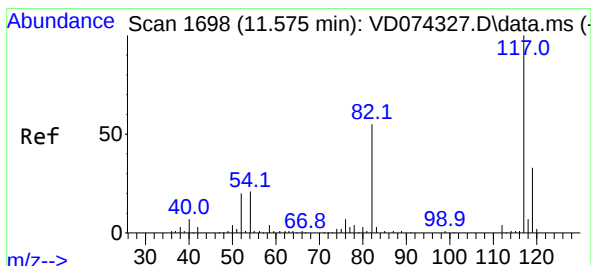
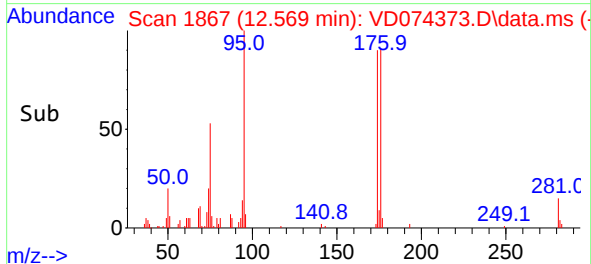
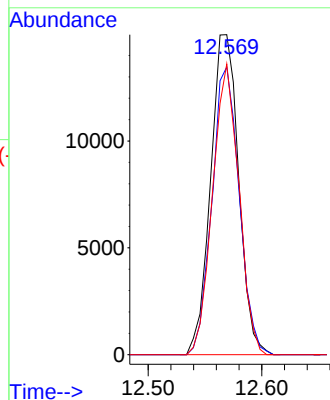
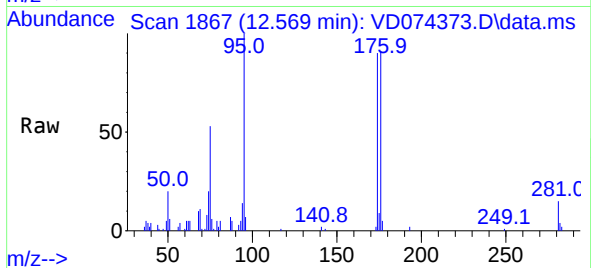




#62
4-Bromofluorobenzene
Concen: 18.356 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

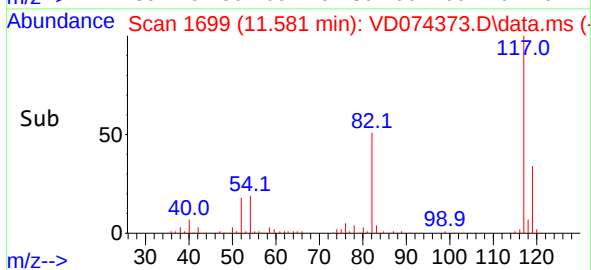
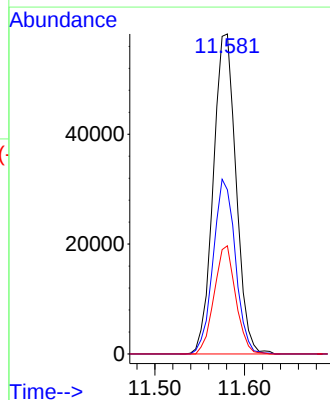
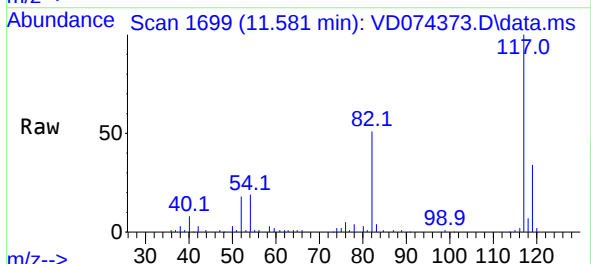
Instrument :
MSVOA_D
ClientSampleId :
D22003-18

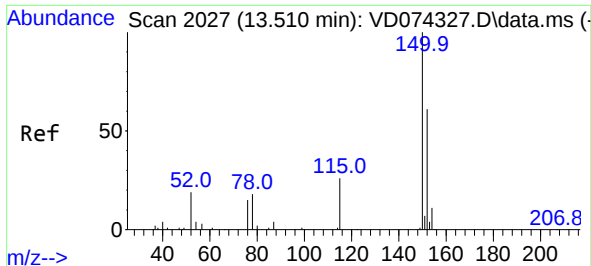
Tgt Ion:	95	Resp:	25674
Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	179.2
176	85.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

Tgt Ion:	117	Resp:	102699
Ion	Ratio	Lower	Upper
117	100		
82	51.3	44.2	66.2
119	33.8	25.4	38.0

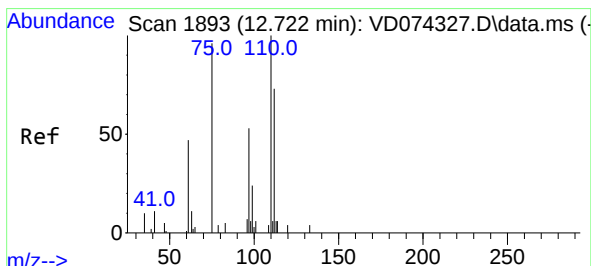
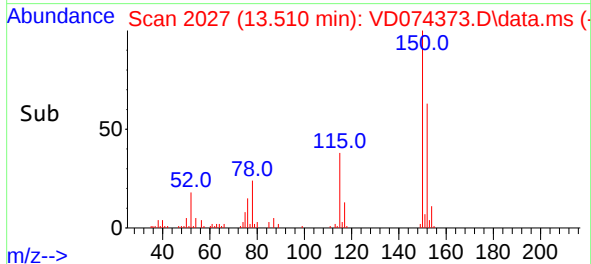
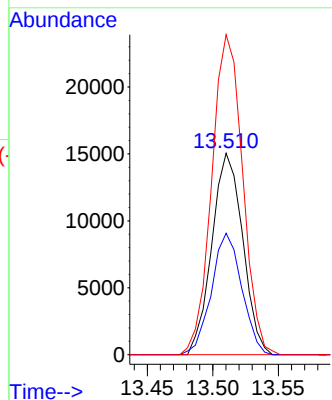
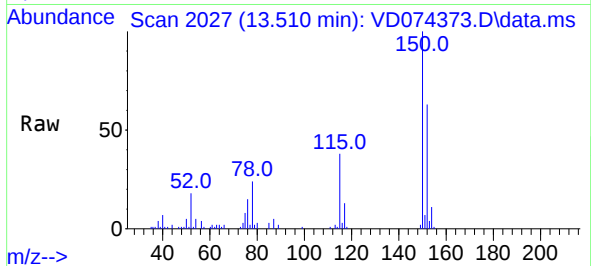




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 2027
 Delta R.T. 0.000 min
 Lab File: VD074373.D
 Acq: 20 Sep 2022 18:45

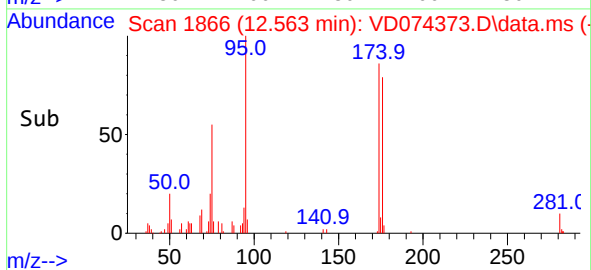
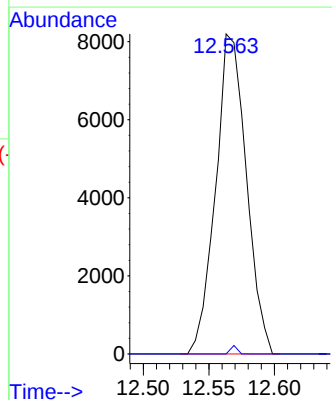
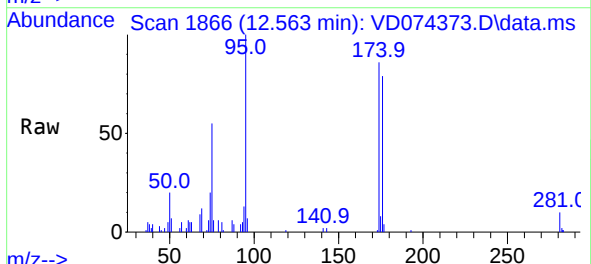
Instrument :
 MSVOA_D
 ClientSampleId :
 D22003-18

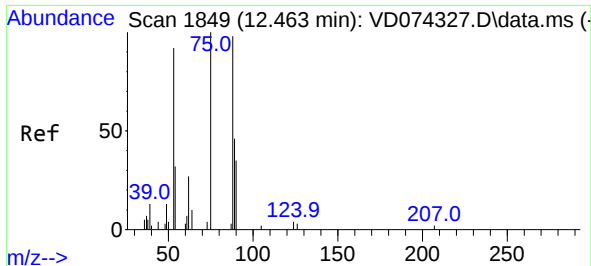
Tgt Ion:152 Resp: 24633
 Ion Ratio Lower Upper
 152 100
 115 59.3 28.4 85.2
 150 159.1 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 58.527 ug/l
 RT: 12.563 min Scan# 1866
 Delta R.T. -0.159 min
 Lab File: VD074373.D
 Acq: 20 Sep 2022 18:45

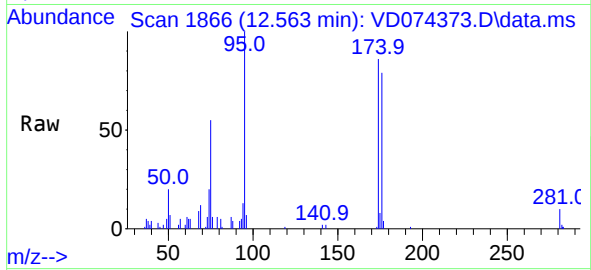
Tgt Ion: 75 Resp: 13339
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.684 ug/l
 RT: 12.563 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074373.D
 Acq: 20 Sep 2022 18:45

Instrument :
 MSVOA_D
 ClientSampleId :
 D22003-18



Tgt Ion:	75	Resp:	13339
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

