

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074361.D
 Acq On : 20 Sep 2022 12:57
 Operator : VA/SY
 Sample : VD0920SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0920SBL01

Quant Time: Sep 21 02:23:38 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)

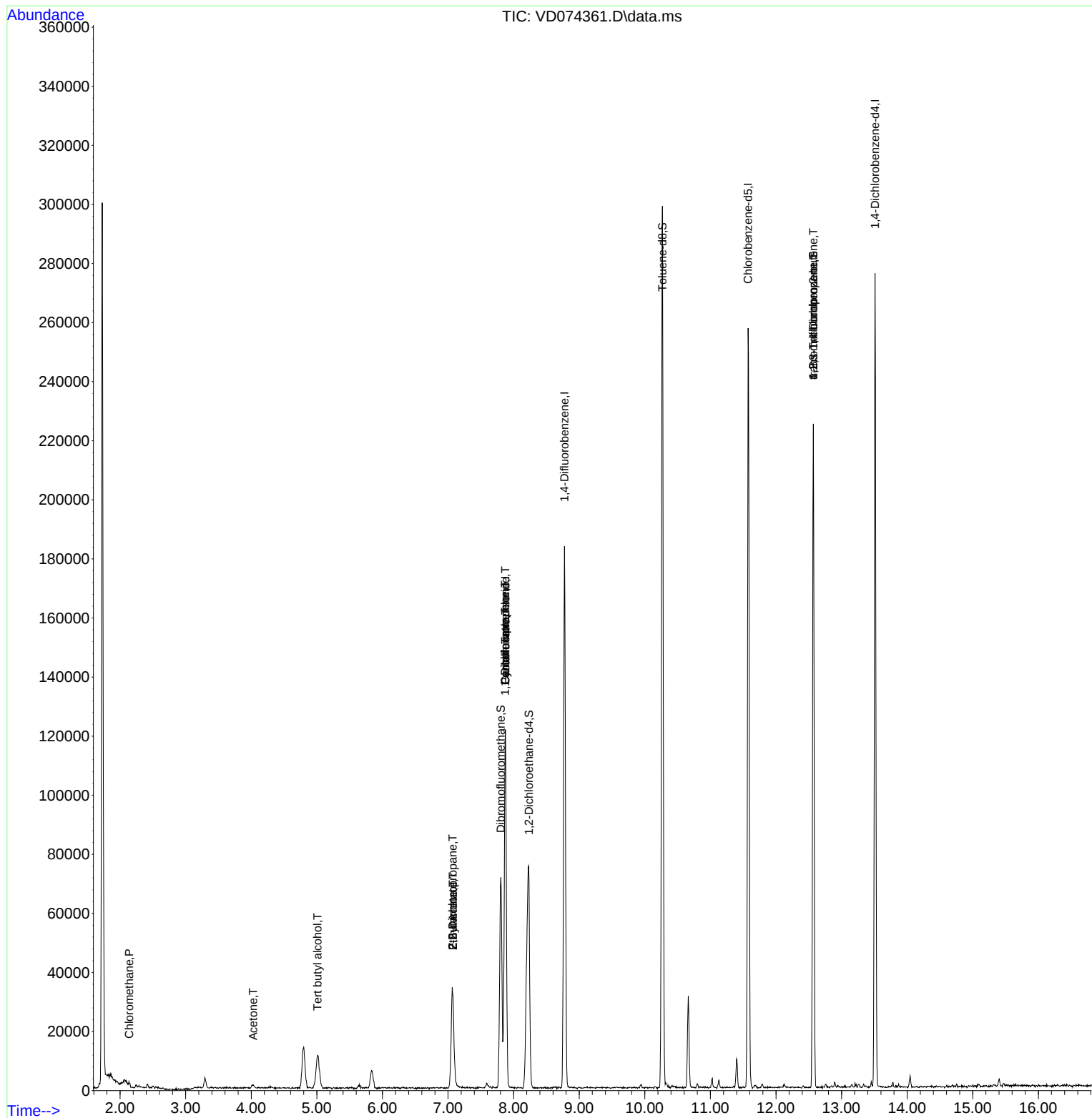
Internal Standards						
1) Pentafluorobenzene	7.875	168	94779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	161155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	148508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	71881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51121	55.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.760%	
35) Dibromofluoromethane	7.805	113	52814	49.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.520%	
50) Toluene-d8	10.269	98	211130	57.650	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.300%	
62) 4-Bromofluorobenzene	12.569	95	63329	51.157	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	1169	1.408	ug/l	94
11) Tert butyl alcohol	5.011	59	11637	186.529	ug/l #	74
16) Acetone	4.028	43	1829	8.794	ug/l	92
18) Methyl Acetate	4.822	43	123	Below Cal	#	51
20) Methylene Chloride	4.787	84	11248	Below Cal		94
25) 2-Butanone	7.075	43	2105	6.795	ug/l #	85
26) 2,2-Dichloropropane	7.069	77	2650	1.610	ug/l #	53
31) Cyclohexane	7.875	56	2393	1.236	ug/l #	36
36) 1,1-Dichloropropene	7.869	75	7611	4.698	ug/l #	48
37) Ethyl Acetate	7.075	43	2105	3.243	ug/l #	5
38) Carbon Tetrachloride	7.875	117	9373	6.528	ug/l #	16
76) 1,2,3-Trichloropropane	12.569	75	33387	50.201	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	33387	125.818	ug/l #	100

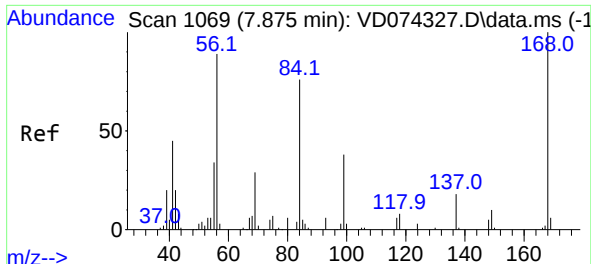
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD074361.D
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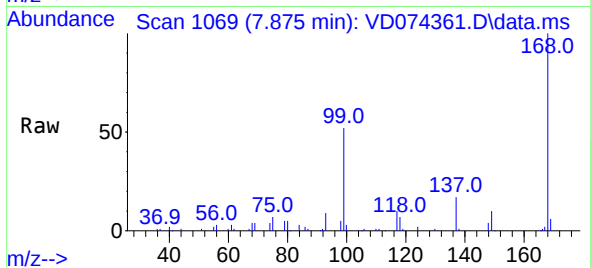
Quant Time: Sep 21 02:23:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
Response via : Initial Calibration



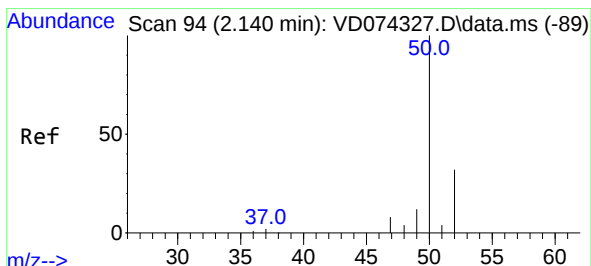
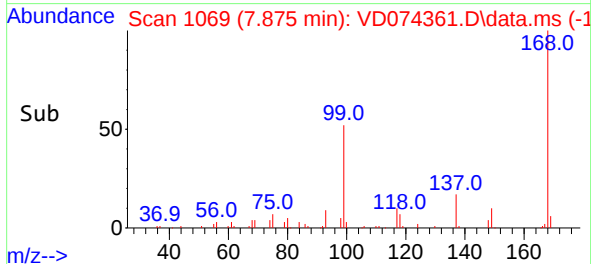
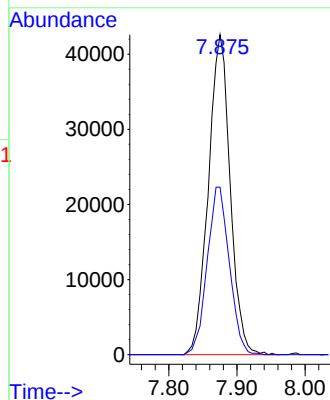


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074361.D
Acq: 20 Sep 2022 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD0920SBL01

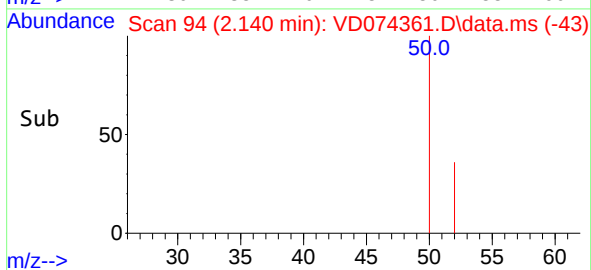
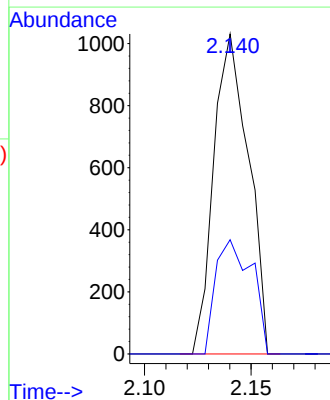
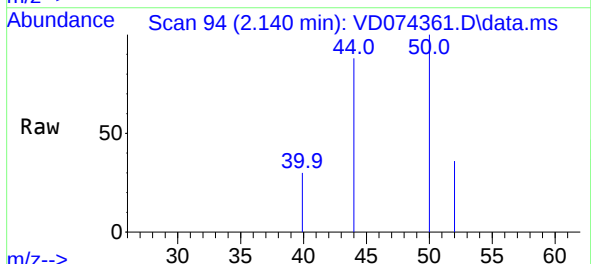


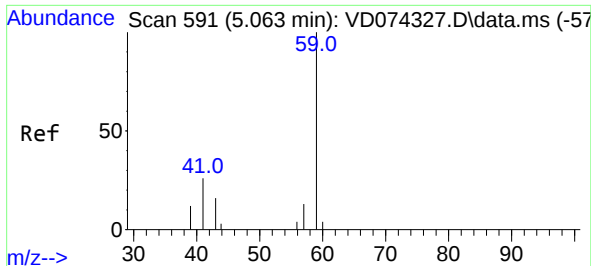
Tgt Ion:168 Resp: 94779
Ion Ratio Lower Upper
168 100
99 52.4 43.0 64.6



#3
Chloromethane
Concen: 1.408 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074361.D
Acq: 20 Sep 2022 12:57

Tgt Ion: 50 Resp: 1169
Ion Ratio Lower Upper
50 100
52 35.7 25.8 38.8





#11

Tert butyl alcohol

Concen: 186.529 ug/l

RT: 5.011 min Scan# 51

Delta R.T. -0.052 min

Lab File: VD074361.D

Acq: 20 Sep 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

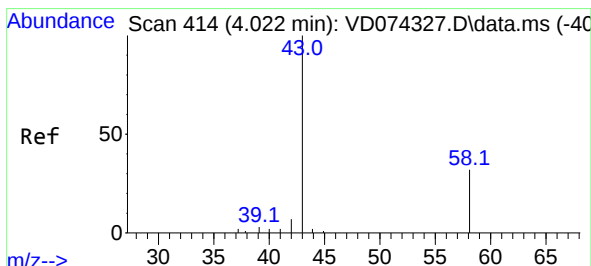
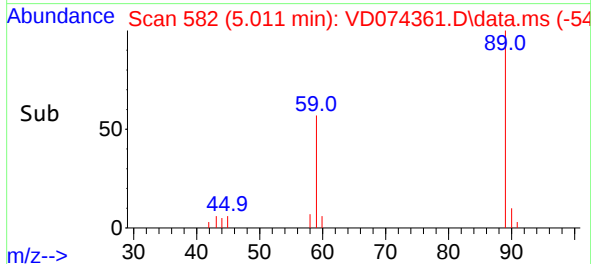
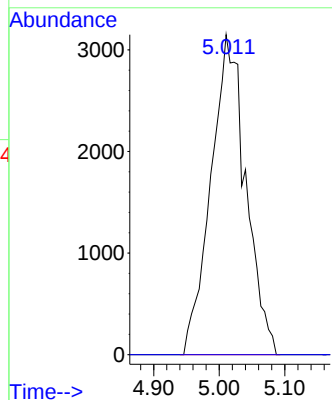
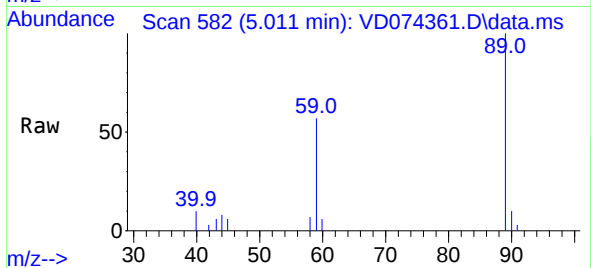
VD0920SBL01

Tgt Ion: 59 Resp: 11637

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#16

Acetone

Concen: 8.794 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD074361.D

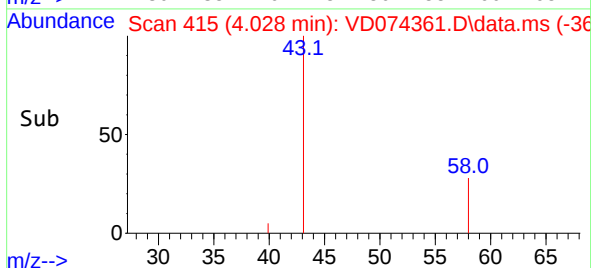
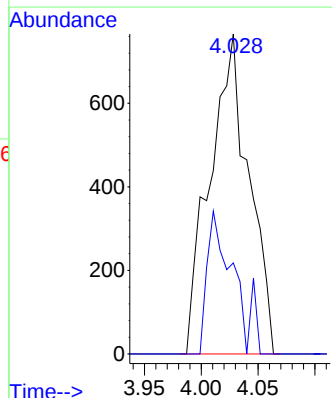
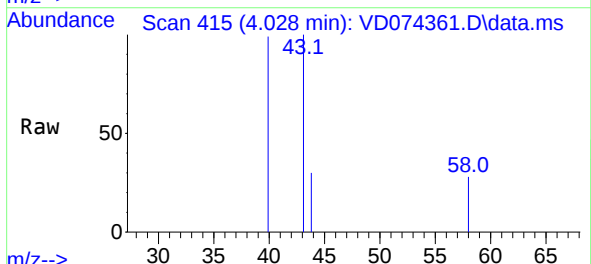
Acq: 20 Sep 2022 12:57

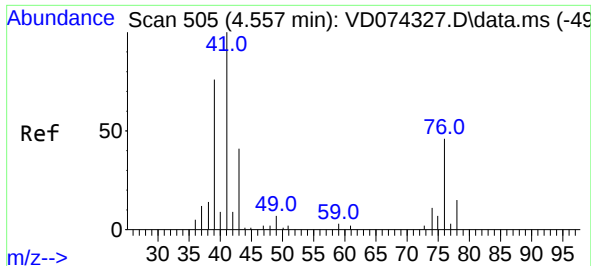
Tgt Ion: 43 Resp: 1829

Ion Ratio Lower Upper

43 100

58 28.5 26.4 39.6





#18

Methyl Acetate

Concen: Below Cal

RT: 4.822 min Scan# 51

Delta R.T. 0.265 min

Lab File: VD074361.D

Acq: 20 Sep 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

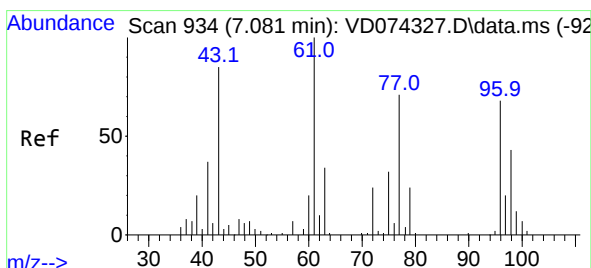
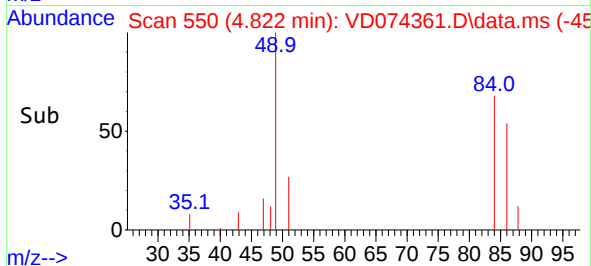
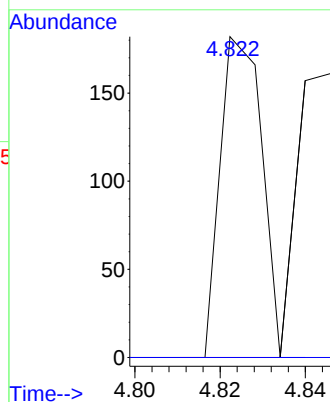
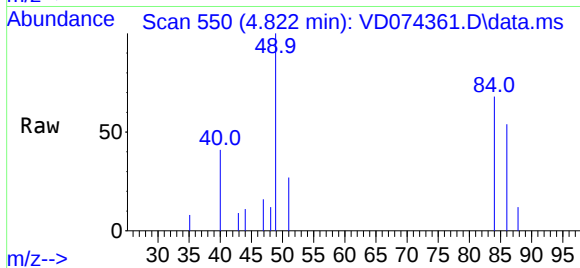
VD0920SBL01

Tgt Ion: 43 Resp: 123

Ion Ratio Lower Upper

43 100

74 0.0 19.3 28.9#



#25

2-Butanone

Concen: 6.795 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD074361.D

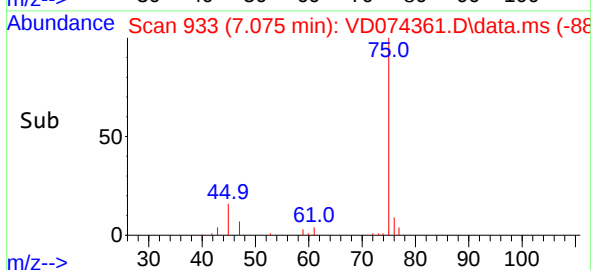
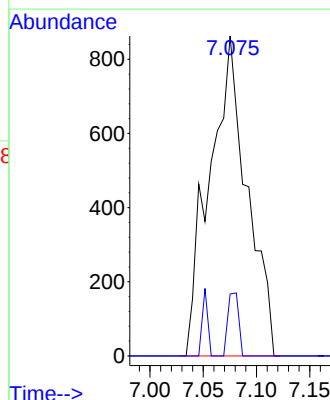
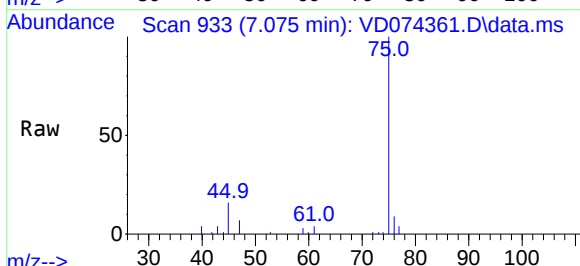
Acq: 20 Sep 2022 12:57

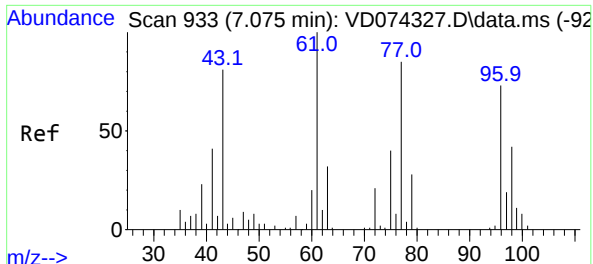
Tgt Ion: 43 Resp: 2105

Ion Ratio Lower Upper

43 100

72 19.4 21.8 32.6#





#26

2,2-Dichloropropane

Concen: 1.610 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074361.D

Acq: 20 Sep 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

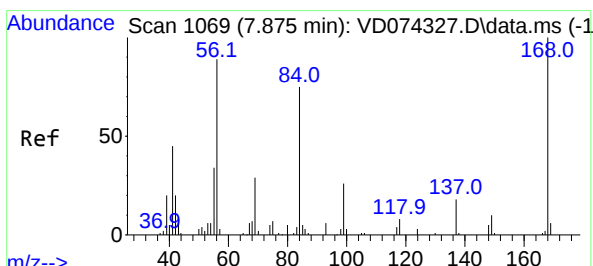
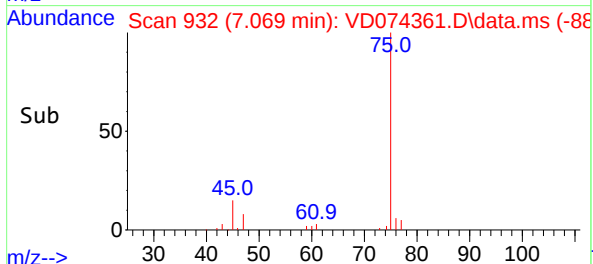
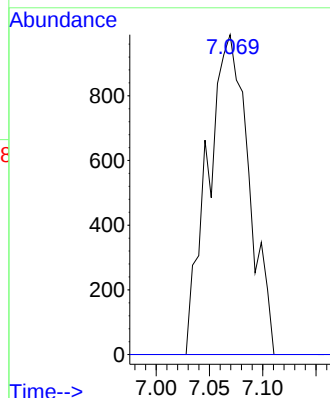
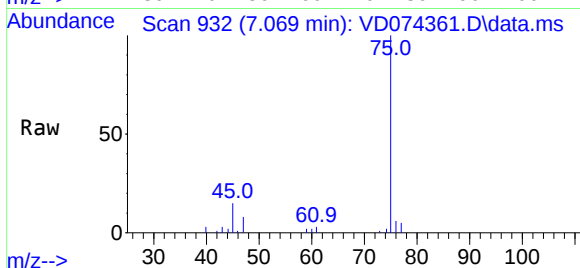
VD0920SBL01

Tgt Ion: 77 Resp: 2650

Ion Ratio Lower Upper

77 100

97 0.0 11.5 34.4#



#31

Cyclohexane

Concen: 1.236 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD074361.D

Acq: 20 Sep 2022 12:57

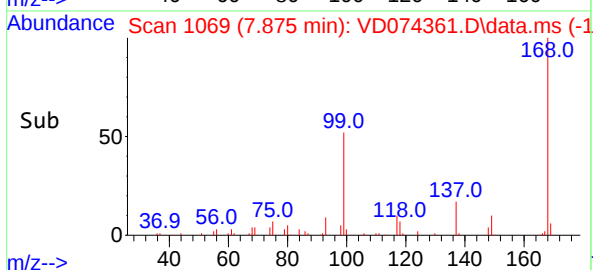
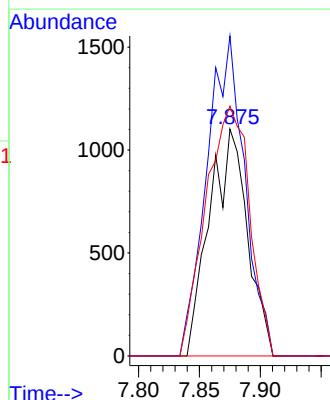
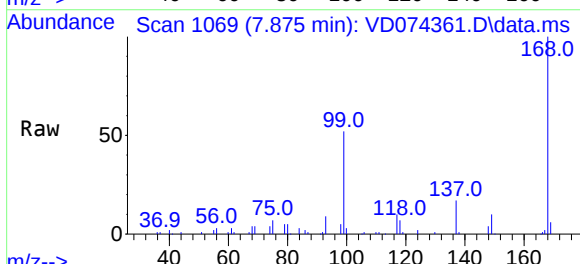
Tgt Ion: 56 Resp: 2393

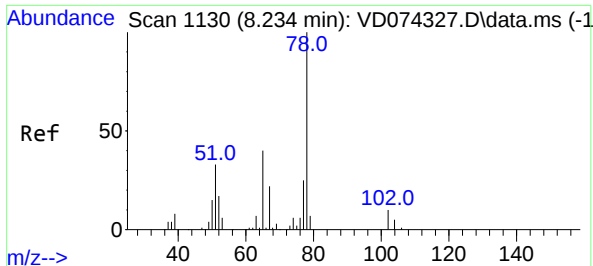
Ion Ratio Lower Upper

56 100

69 141.0 25.7 38.5#

84 110.1 73.9 110.9

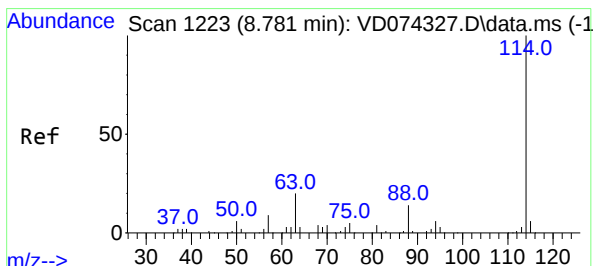
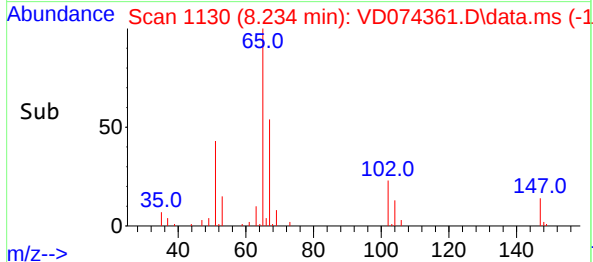
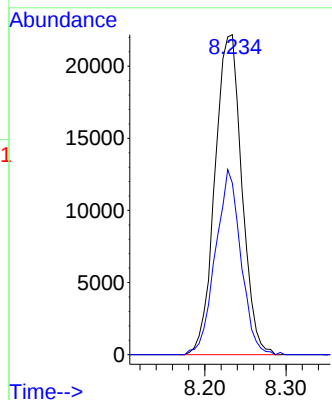
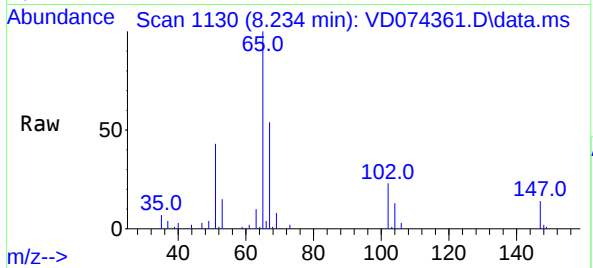




#33
1,2-Dichloroethane-d4
Concen: 55.376 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074361.D
Acq: 20 Sep 2022 12:57

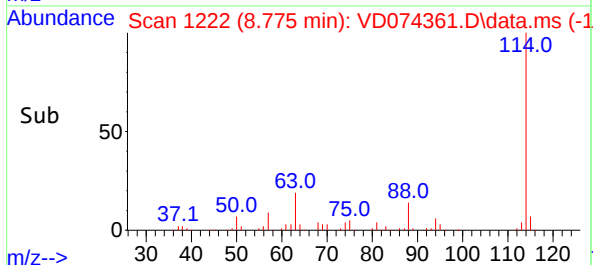
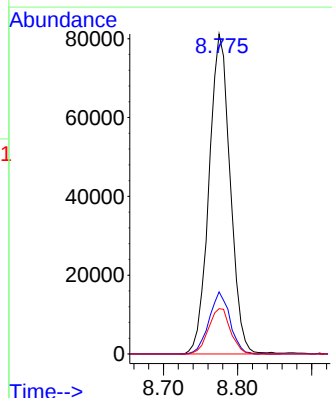
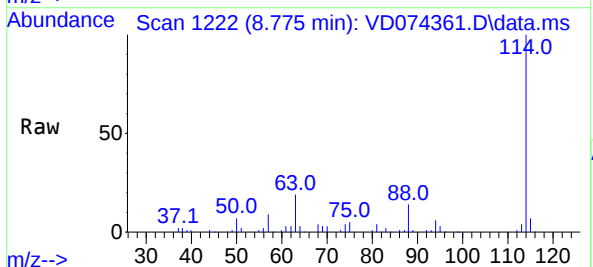
Instrument :
MSVOA_D
ClientSampleId :
VD0920SBL01

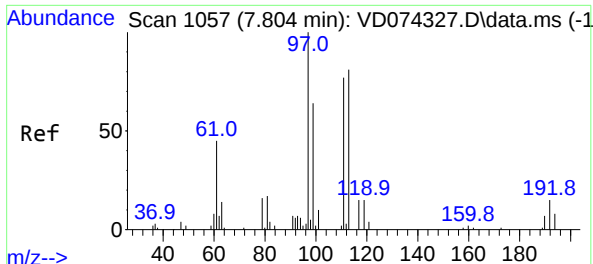
Tgt Ion: 65 Resp: 51121
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD074361.D
Acq: 20 Sep 2022 12:57

Tgt Ion: 114 Resp: 161155
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.6
88 14.2 0.0 28.4

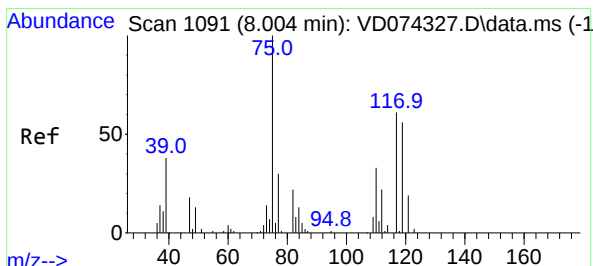
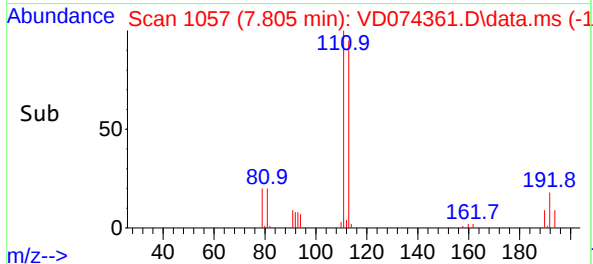
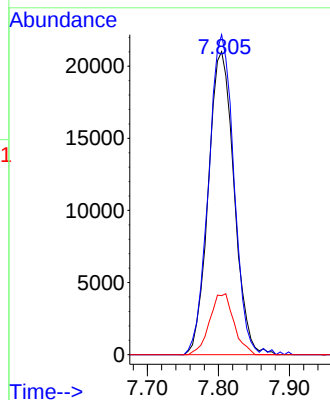
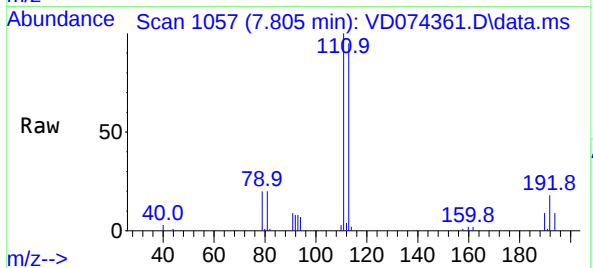




#35
Dibromofluoromethane
Concen: 49.760 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074361.D
Acq: 20 Sep 2022 12:57

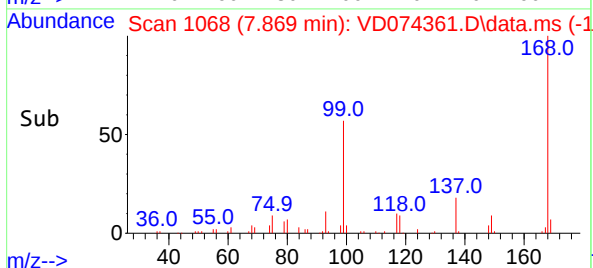
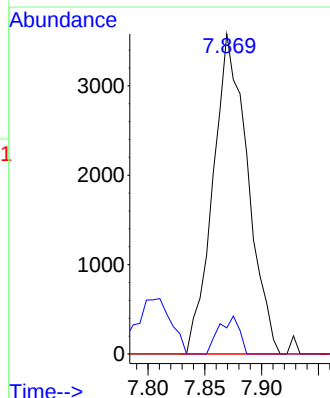
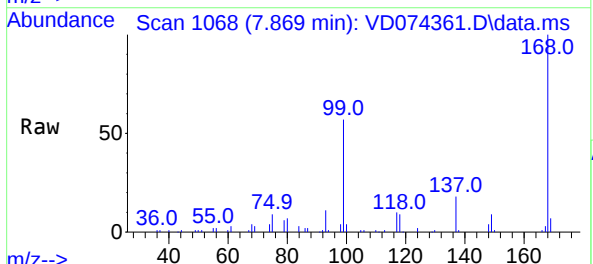
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MSVOA_D
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VD0920SBL01

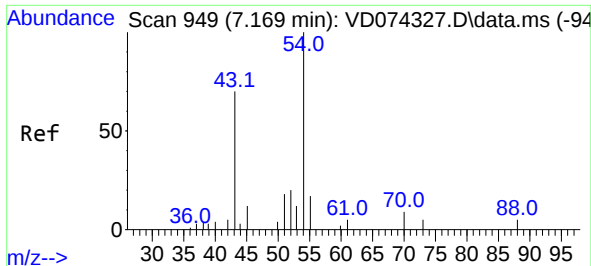
Tgt Ion:	113	Resp:	52814
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.0	124.6
192	19.0	16.2	24.2



#36
1,1-Dichloropropene
Concen: 4.698 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD074361.D
Acq: 20 Sep 2022 12:57

Tgt Ion:	75	Resp:	7611
Ion	Ratio	Lower	Upper
75	100		
110	6.9	17.5	52.5#
77	0.0	24.8	37.2#





#37

Ethyl Acetate

Concen: 3.243 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.094 min

Lab File: VD074361.D

Acq: 20 Sep 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VD0920SBL01

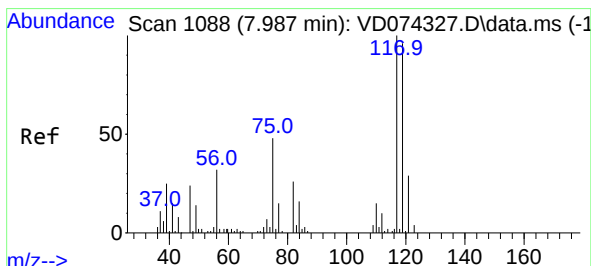
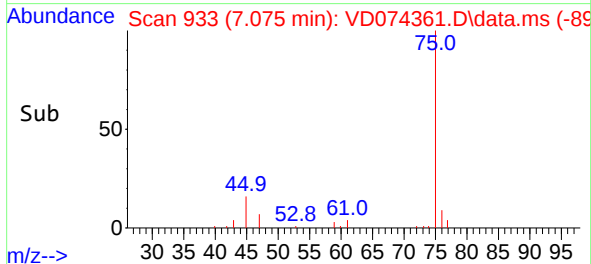
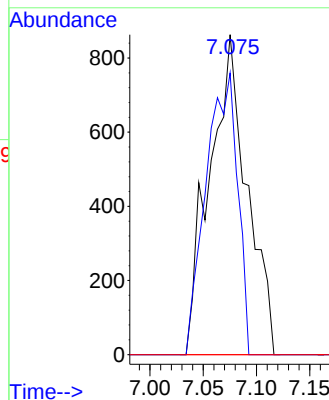
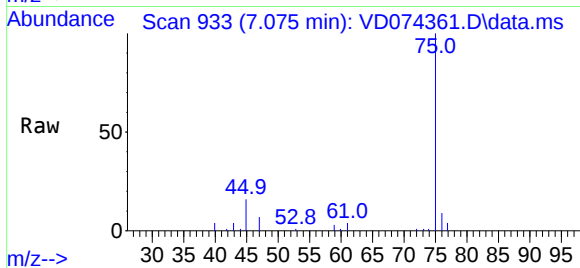
Tgt Ion: 43 Resp: 2105

Ion Ratio Lower Upper

43 100

61 74.1 12.1 18.1#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.528 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074361.D

Acq: 20 Sep 2022 12:57

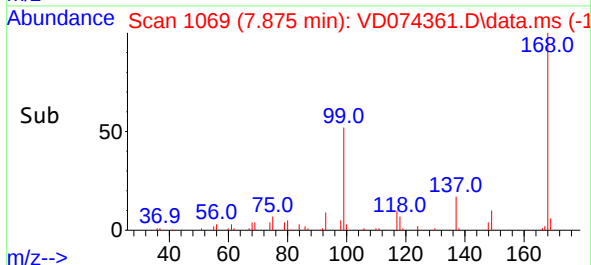
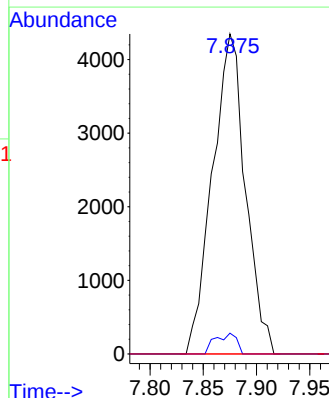
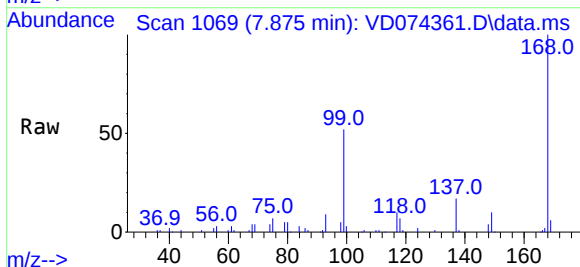
Tgt Ion: 117 Resp: 9373

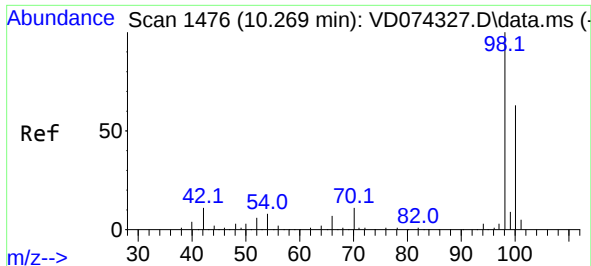
Ion Ratio Lower Upper

117 100

119 6.5 78.8 118.2#

121 0.0 23.9 35.9#

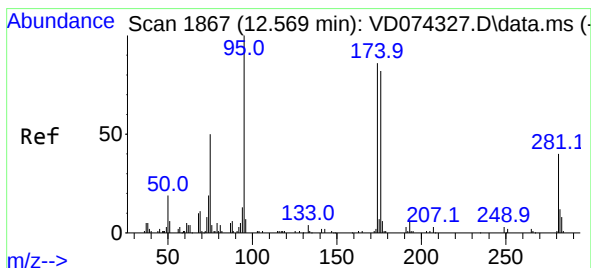
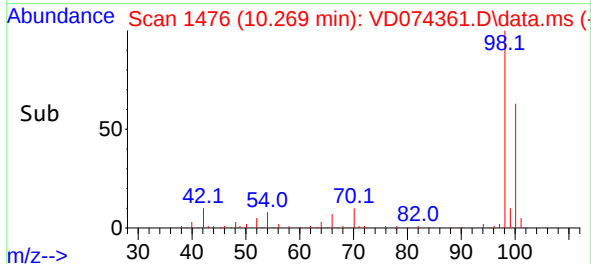
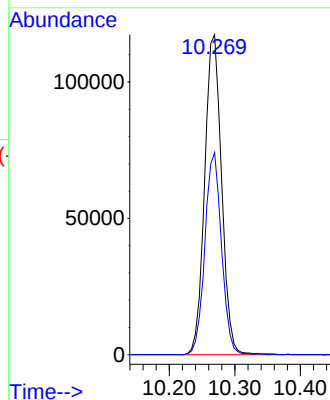
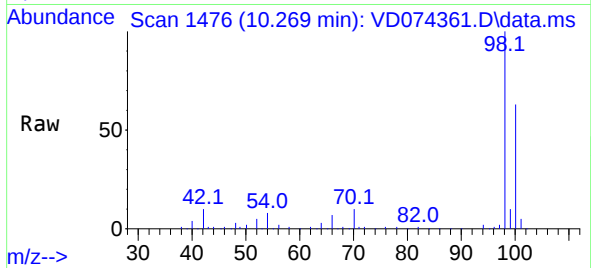




#50
Toluene-d8
Concen: 57.650 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074361.D
Acq: 20 Sep 2022 12:57

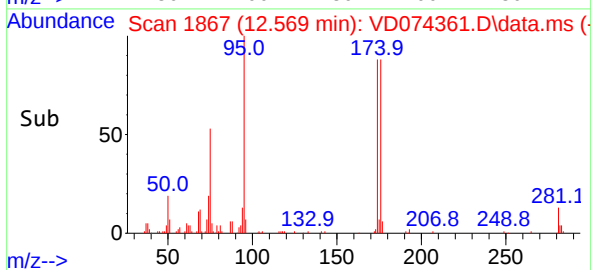
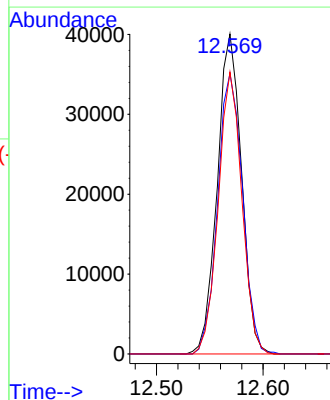
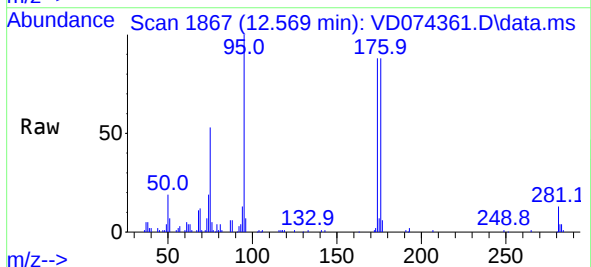
Instrument :
MSVOA_D
ClientSampleId :
VD0920SBL01

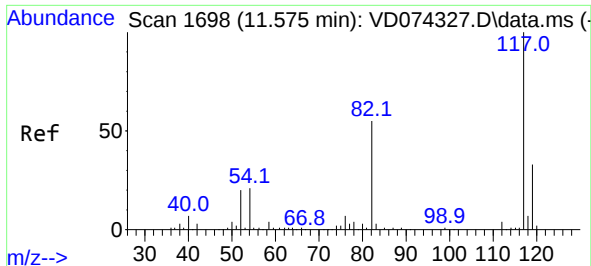
Tgt Ion: 98 Resp: 211130
Ion Ratio Lower Upper
98 100
100 62.2 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 51.157 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074361.D
Acq: 20 Sep 2022 12:57

Tgt Ion: 95 Resp: 63329
Ion Ratio Lower Upper
95 100
174 89.9 0.0 179.2
176 85.6 0.0 171.4

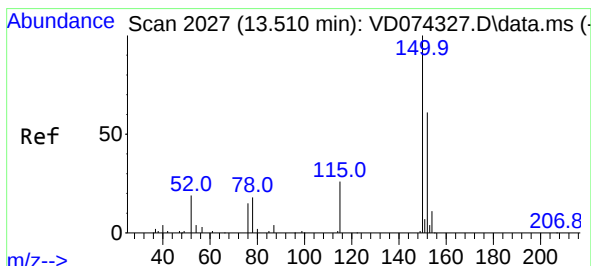
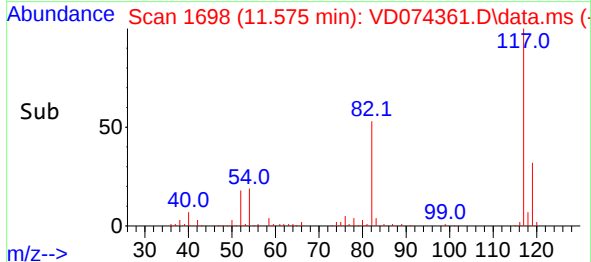
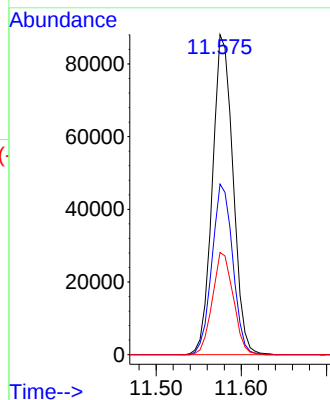
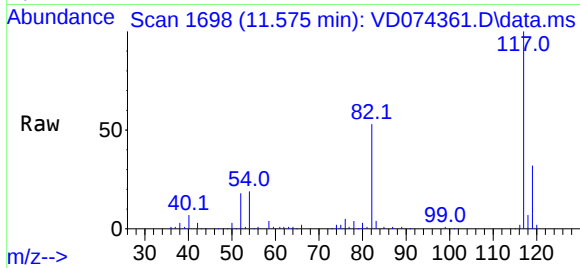




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074361.D
Acq: 20 Sep 2022 12:57

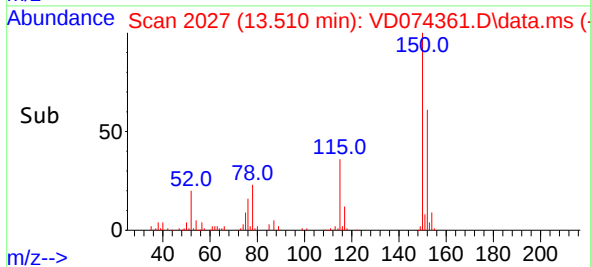
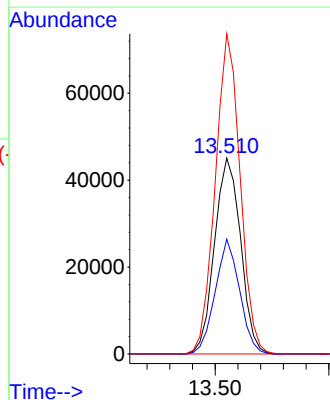
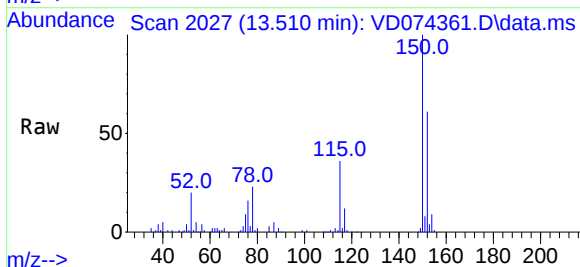
Instrument :
MSVOA_D
ClientSampleId :
VD0920SBL01

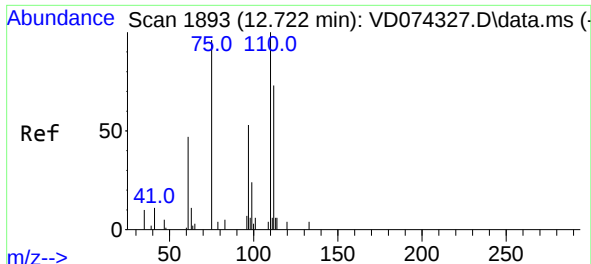
Tgt Ion:117 Resp: 148508
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074361.D
Acq: 20 Sep 2022 12:57

Tgt Ion:152 Resp: 71881
Ion Ratio Lower Upper
152 100
115 54.9 28.4 85.2
150 155.7 0.0 351.0

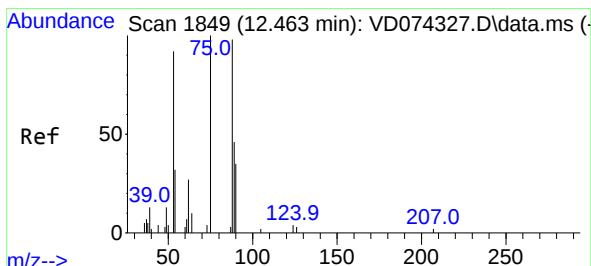
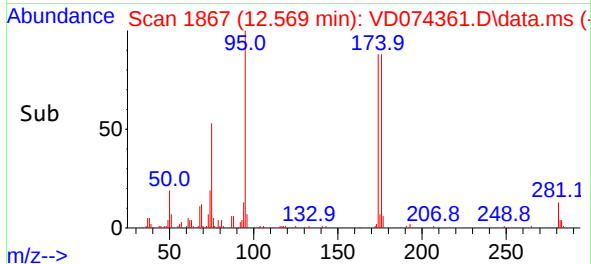
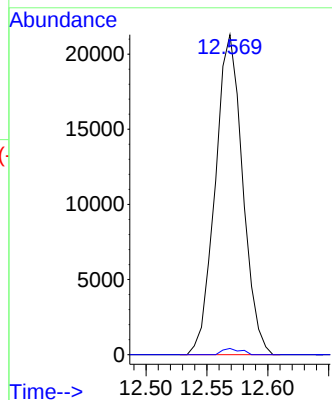
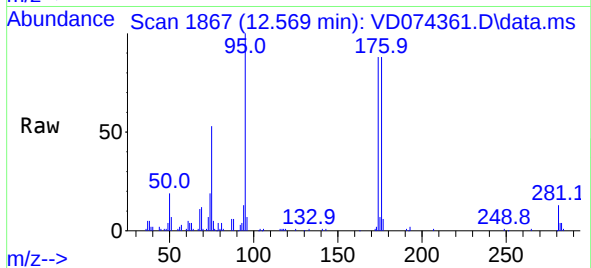




#76
1,2,3-Trichloropropane
Concen: 50.201 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074361.D
Acq: 20 Sep 2022 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD0920SBL01

Tgt Ion: 75 Resp: 33387
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.818 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074361.D
Acq: 20 Sep 2022 12:57

Tgt Ion: 75 Resp: 33387
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

