

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074052.D
 Acq On : 11 Aug 2022 20:16
 Operator : VA/SY
 Sample : N4130-11RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB09RE

Quant Time: Aug 12 01:19:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

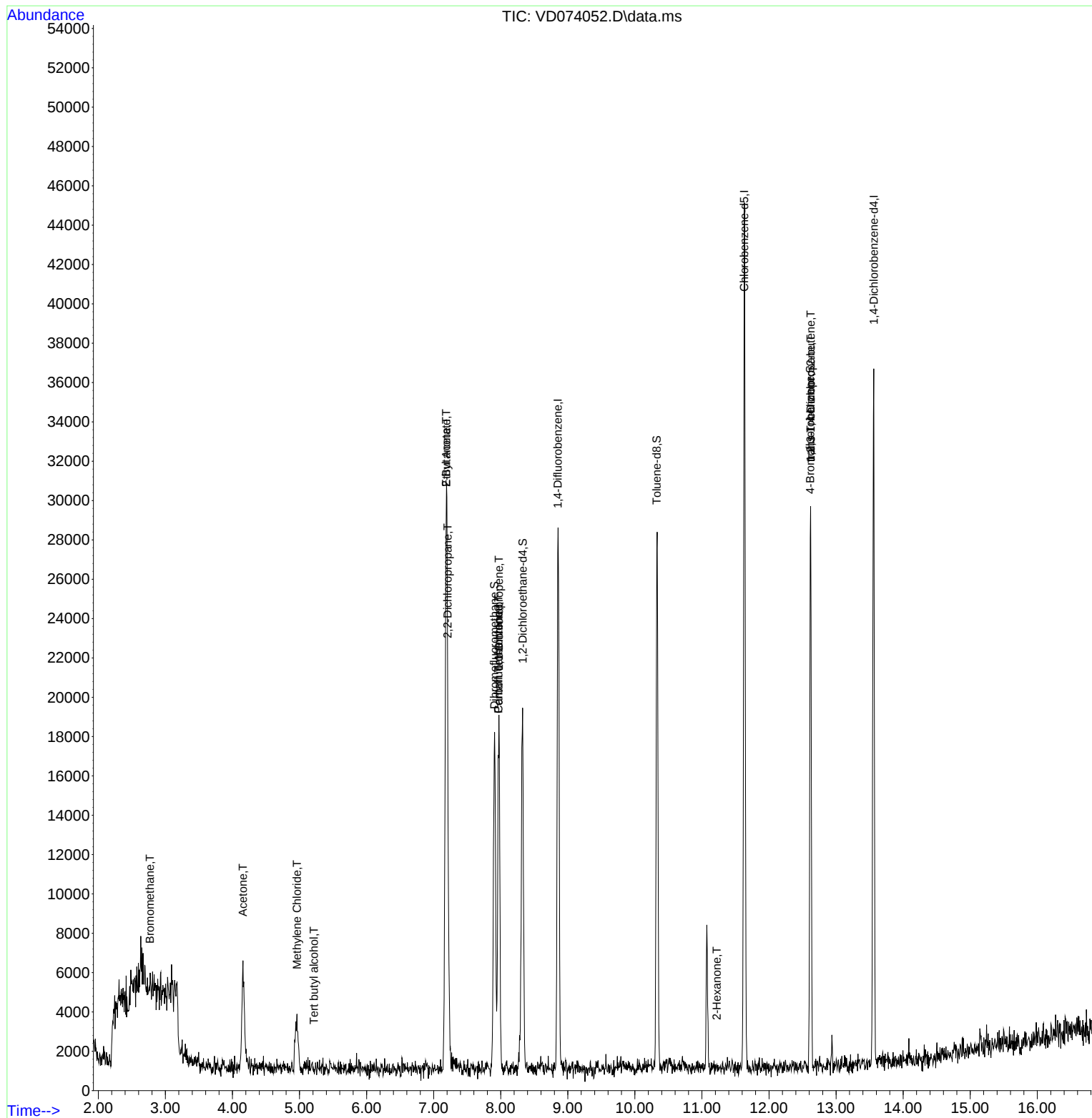
Internal Standards						
1) Pentafluorobenzene	7.967	168	13092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.850	114	23637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	23833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	9206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	13877	149.064	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	298.120%#	
35) Dibromofluoromethane	7.903	113	12148	77.379	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	154.760%#	
50) Toluene-d8	10.326	98	19237	46.436	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	92.880%	
62) 4-Bromofluorobenzene	12.614	95	8949	46.353	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	92.700%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	204	1.063	ug/l #	49
11) Tert butyl alcohol	5.215	59	120	24.897	ug/l #	74
16) Acetone	4.156	43	8656	413.211	ug/l	98
18) Methyl Acetate	4.550	43	63	Below Cal	#	49
20) Methylene Chloride	4.962	84	2133	13.081	ug/l #	79
25) 2-Butanone	7.185	43	1777	54.244	ug/l #	46
26) 2,2-Dichloropropane	7.209	77	1856	7.488	ug/l #	53
36) 1,1-Dichloropropene	7.973	75	1275	5.337	ug/l #	41
37) Ethyl Acetate	7.185	43	1777	20.899	ug/l #	1
38) Carbon Tetrachloride	7.967	117	1552	5.762	ug/l #	13
59) 2-Hexanone	11.220	43	72	1.287	ug/l #	23
76) 1,2,3-Trichloropropane	12.620	75	4498	53.514	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	4498	142.829	ug/l #	13

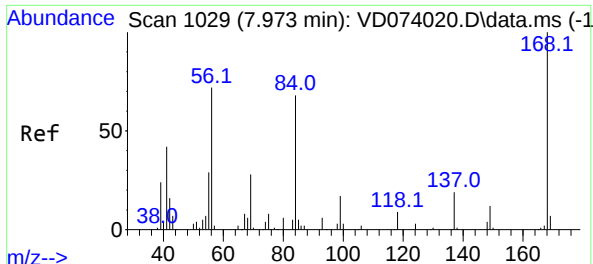
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
Data File : VD074052.D
Acq On : 11 Aug 2022 20:16
Operator : VA/SY
Sample : N4130-11RE
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB09RE

Quant Time: Aug 12 01:19:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 14:55:58 2022
Response via : Initial Calibration

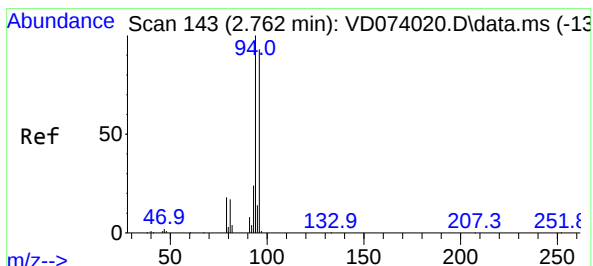
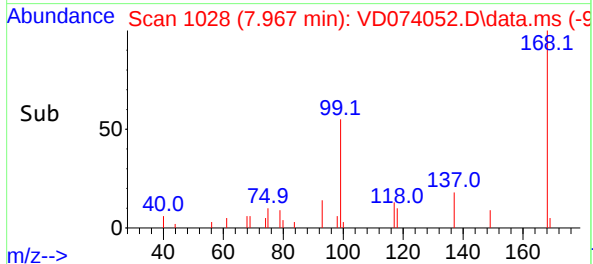
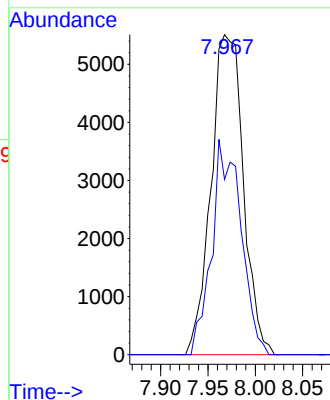
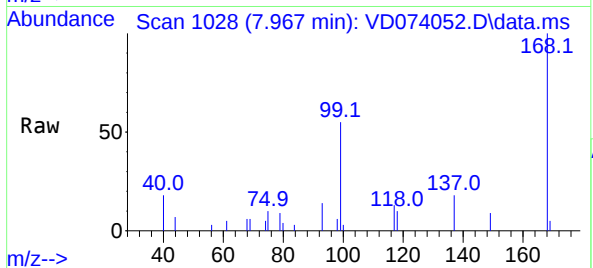




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074052.D
Acq: 11 Aug 2022 20:16

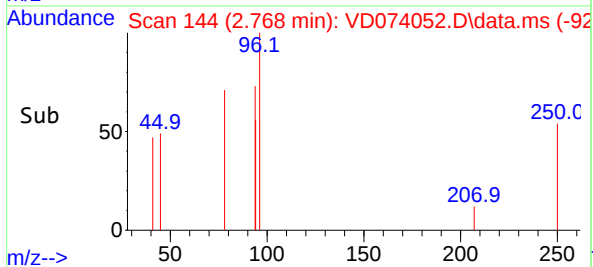
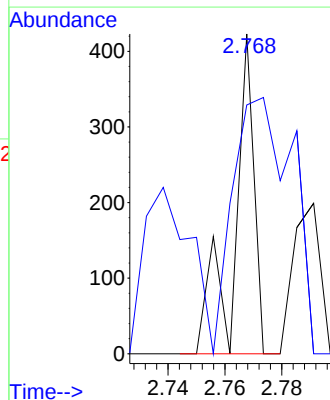
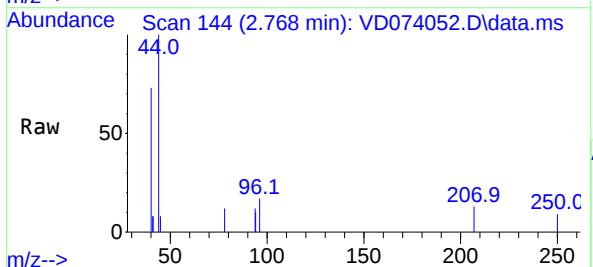
Instrument :
MSVOA_D
ClientSampleId :
SB09RE

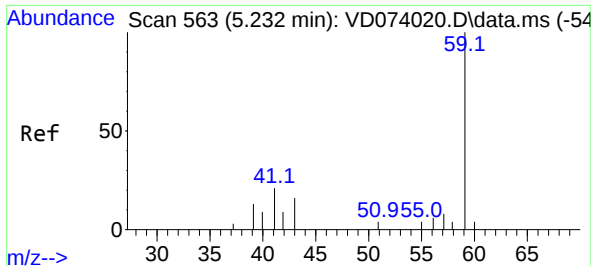
Tgt Ion:168 Resp: 13092
Ion Ratio Lower Upper
168 100
99 54.7 48.3 72.5



#5
Bromomethane
Concen: 1.063 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD074052.D
Acq: 11 Aug 2022 20:16

Tgt Ion: 94 Resp: 204
Ion Ratio Lower Upper
94 100
96 42.1 72.0 108.0#





#11

Tert butyl alcohol

Concen: 24.897 ug/l

RT: 5.215 min Scan# 50

Delta R.T. -0.017 min

Lab File: VD074052.D

Acq: 11 Aug 2022 20:16

Instrument :

MSVOA_D

ClientSampleId :

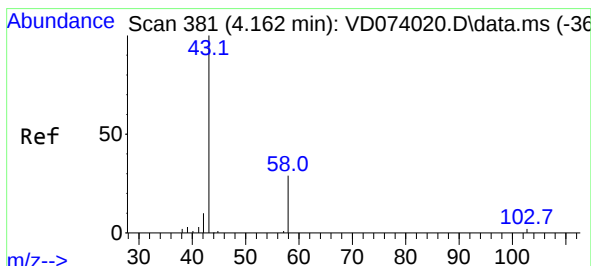
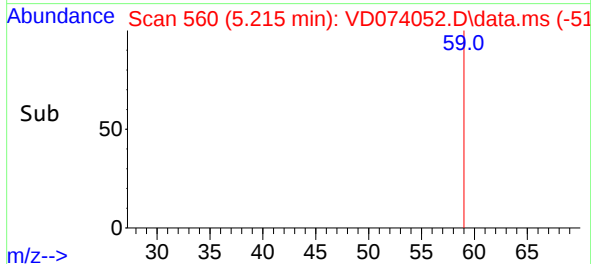
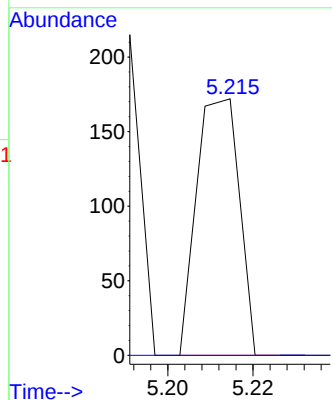
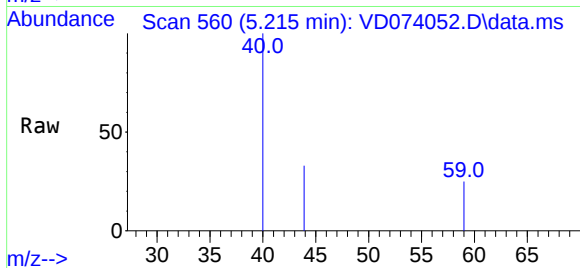
SB09RE

Tgt Ion: 59 Resp: 120

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 413.211 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.006 min

Lab File: VD074052.D

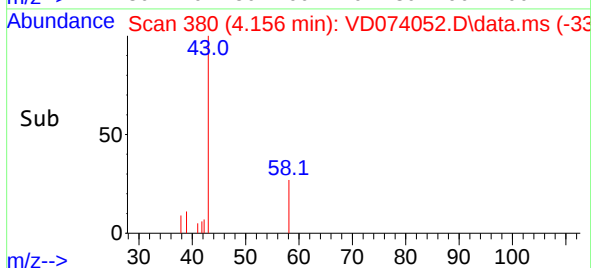
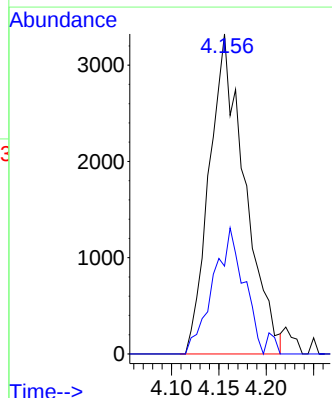
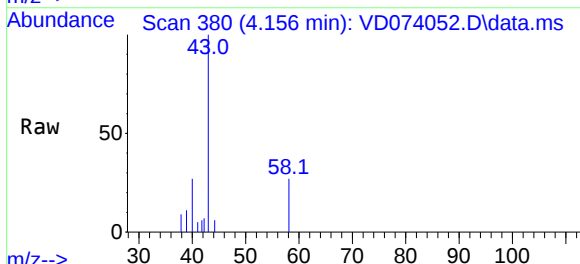
Acq: 11 Aug 2022 20:16

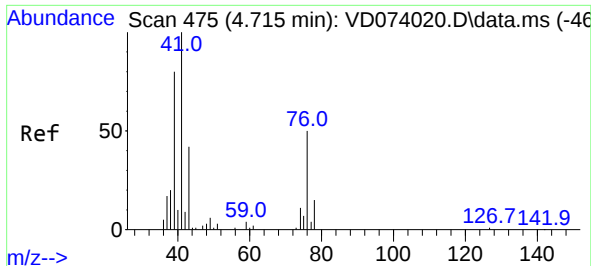
Tgt Ion: 43 Resp: 8656

Ion Ratio Lower Upper

43 100

58 27.5 22.8 34.2





#18

Methyl Acetate

Concen: Below Cal

RT: 4.550 min Scan# 447

Delta R.T. -0.165 min

Lab File: VD074052.D

Acq: 11 Aug 2022 20:16

Instrument :

MSVOA_D

ClientSampleId :

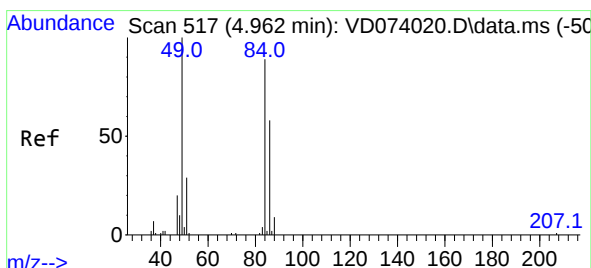
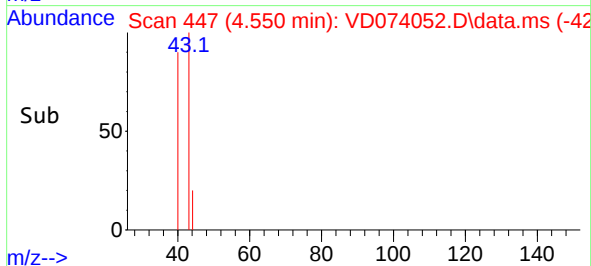
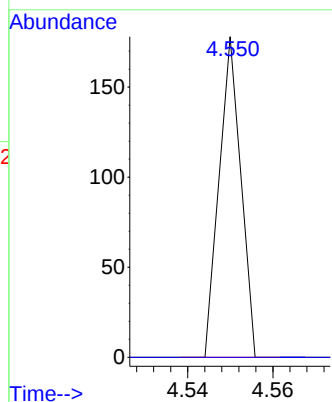
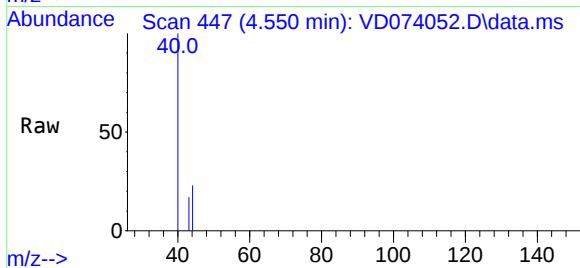
SB09RE

Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.4#



#20

Methylene Chloride

Concen: 13.081 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD074052.D

Acq: 11 Aug 2022 20:16

Tgt Ion: 84 Resp: 2133

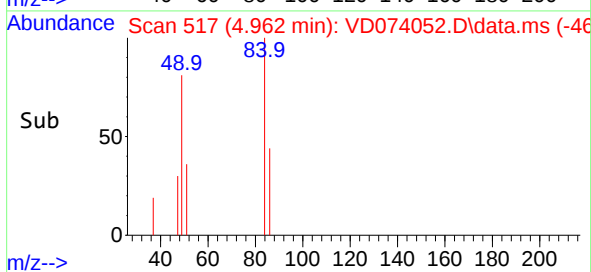
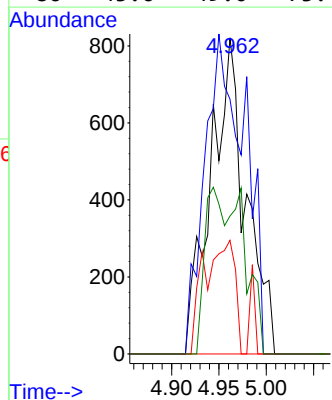
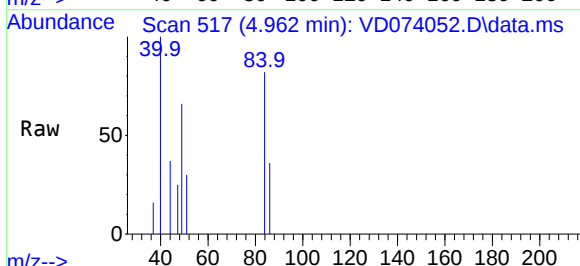
Ion Ratio Lower Upper

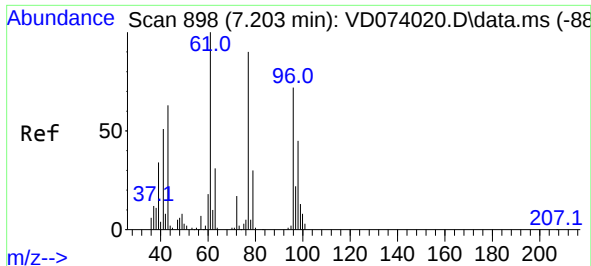
84 100

49 80.6 85.8 128.6#

51 35.9 28.0 42.0

86 43.6 49.0 73.4#





#25

2-Butanone

Concen: 54.244 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.018 min

Lab File: VD074052.D

Acq: 11 Aug 2022 20:16

Instrument :

MSVOA_D

ClientSampleId :

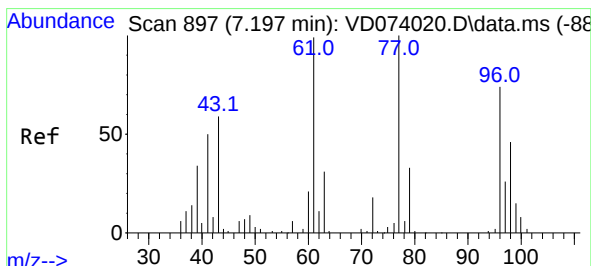
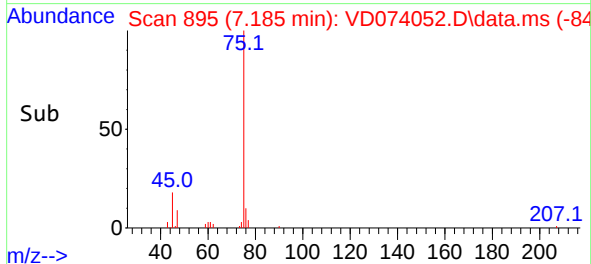
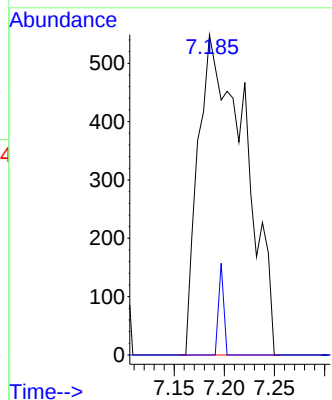
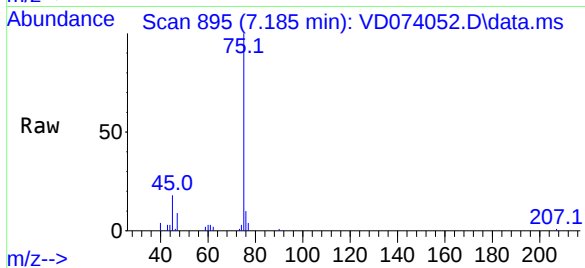
SB09RE

Tgt Ion: 43 Resp: 1777

Ion Ratio Lower Upper

43 100

72 0.0 23.0 34.6#



#26

2,2-Dichloropropane

Concen: 7.488 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.012 min

Lab File: VD074052.D

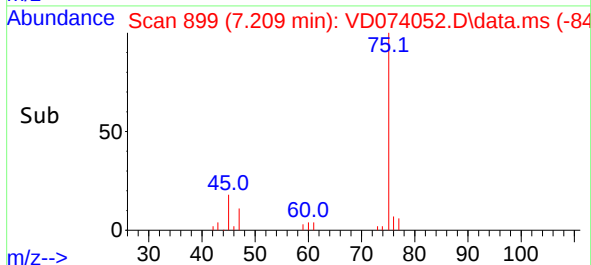
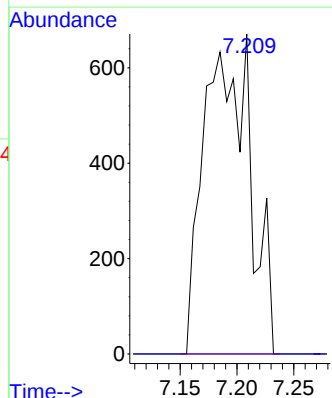
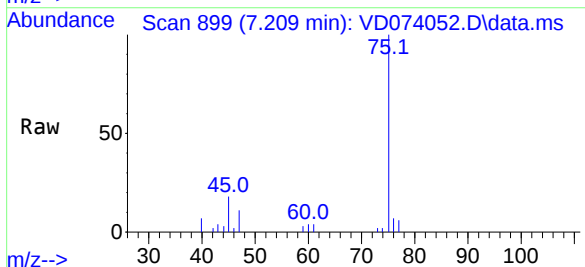
Acq: 11 Aug 2022 20:16

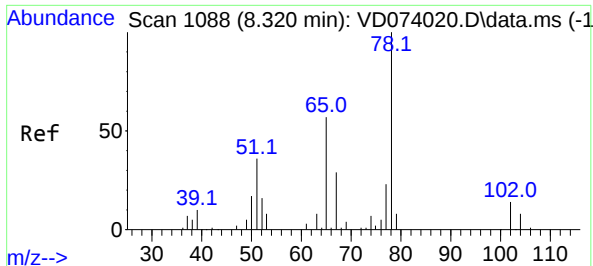
Tgt Ion: 77 Resp: 1856

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#





#33

1,2-Dichloroethane-d4

Concen: 149.064 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD074052.D

Acq: 11 Aug 2022 20:16

Instrument :

MSVOA_D

ClientSampleId :

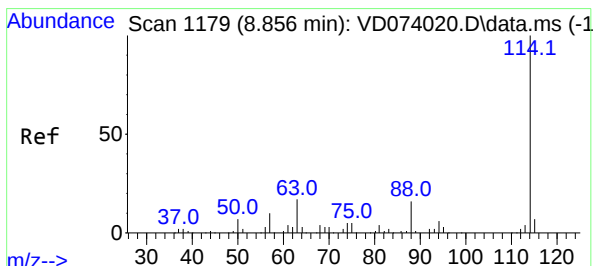
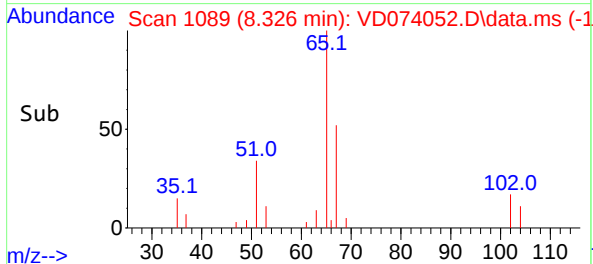
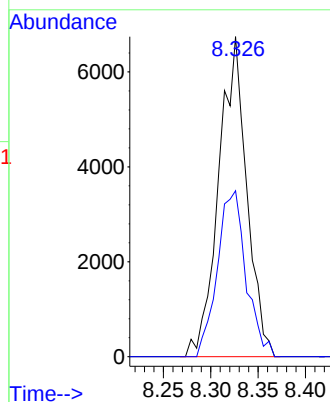
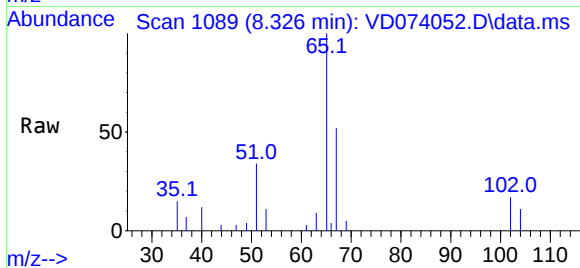
SB09RE

Tgt Ion: 65 Resp: 13877

Ion Ratio Lower Upper

65 100

67 53.0 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.850 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VD074052.D

Acq: 11 Aug 2022 20:16

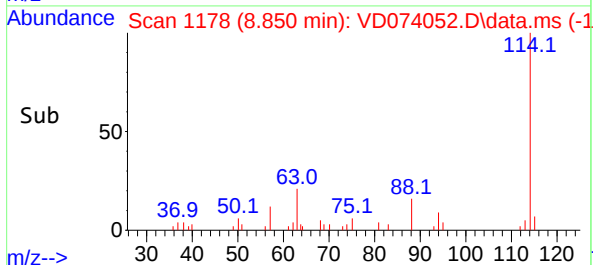
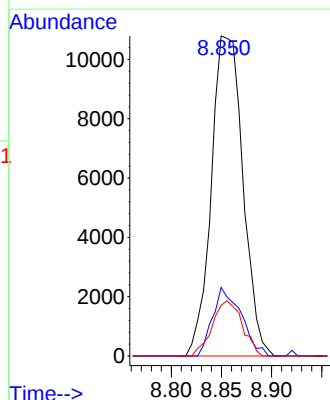
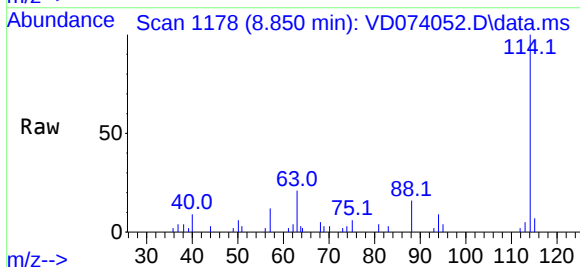
Tgt Ion: 114 Resp: 23637

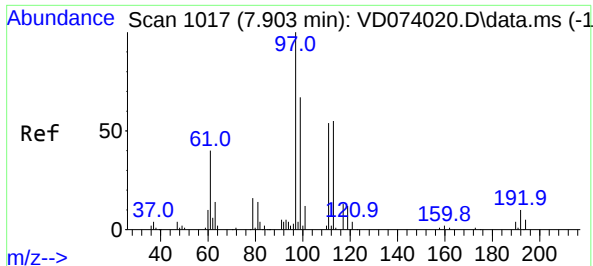
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.0

88 15.8 0.0 31.6

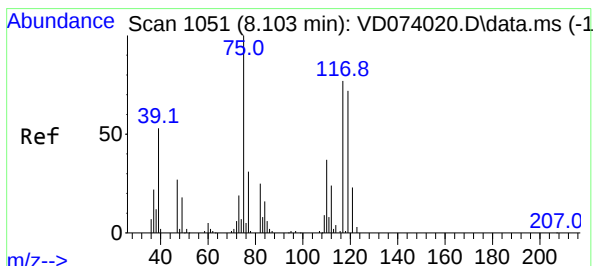
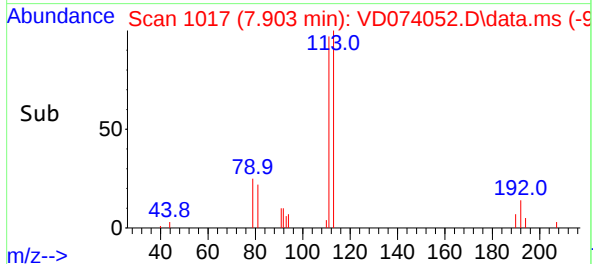
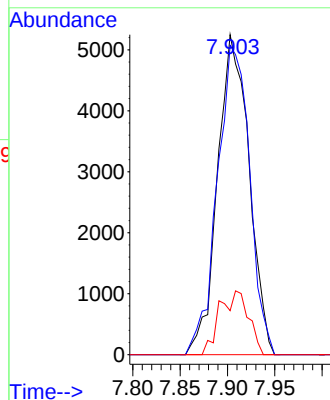
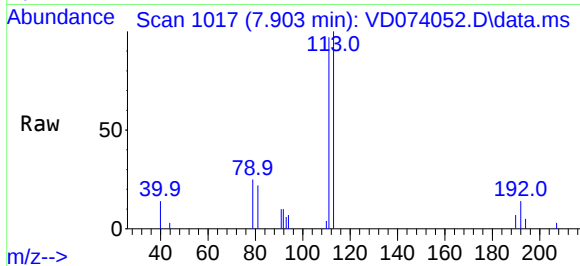




#35
Dibromofluoromethane
Concen: 77.379 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD074052.D
Acq: 11 Aug 2022 20:16

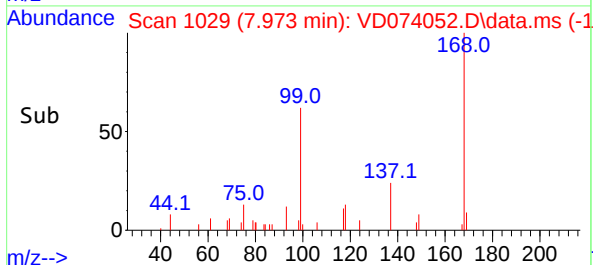
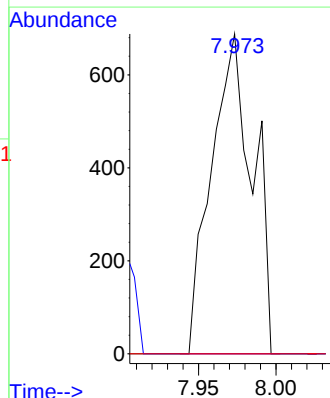
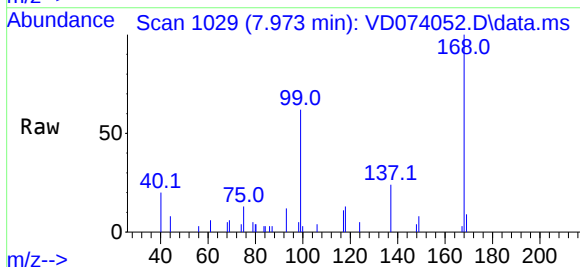
Instrument :
MSVOA_D
ClientSampleId :
SB09RE

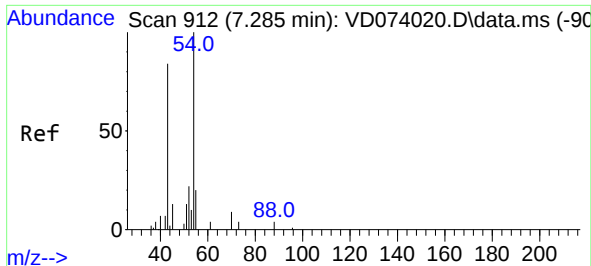
Tgt Ion:	113	Resp:	12148
Ion	Ratio	Lower	Upper
113	100		
111	99.4	80.0	120.0
192	18.3	14.2	21.4



#36
1,1-Dichloropropene
Concen: 5.337 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.130 min
Lab File: VD074052.D
Acq: 11 Aug 2022 20:16

Tgt Ion:	75	Resp:	1275
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.4	55.4#
77	0.0	24.6	36.8#





#37

Ethyl Acetate

Concen: 20.899 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.100 min

Lab File: VD074052.D

Acq: 11 Aug 2022 20:16

Instrument :

MSVOA_D

ClientSampleId :

SB09RE

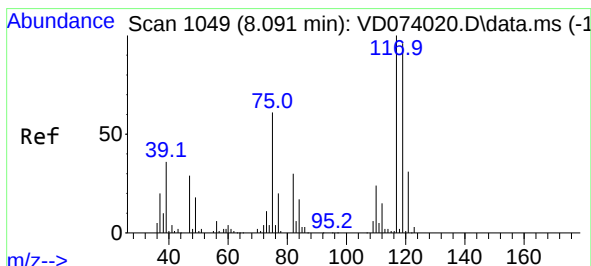
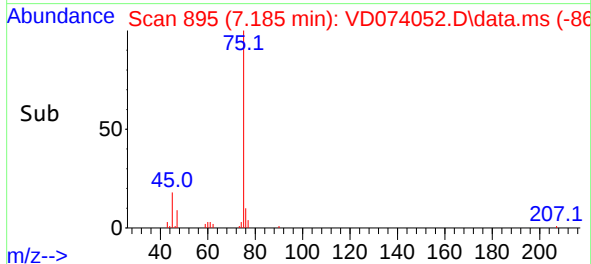
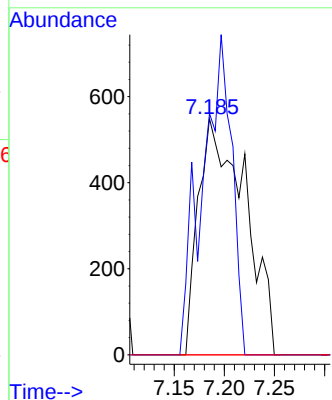
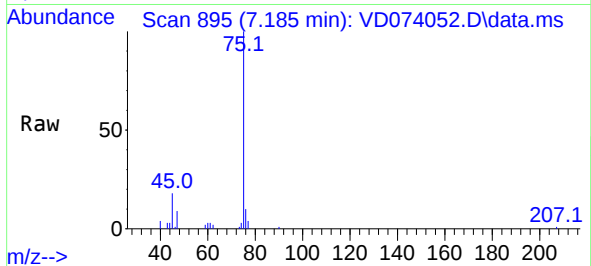
Tgt Ion: 43 Resp: 1777

Ion Ratio Lower Upper

43 100

61 85.6 11.0 16.6#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.762 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

Lab File: VD074052.D

Acq: 11 Aug 2022 20:16

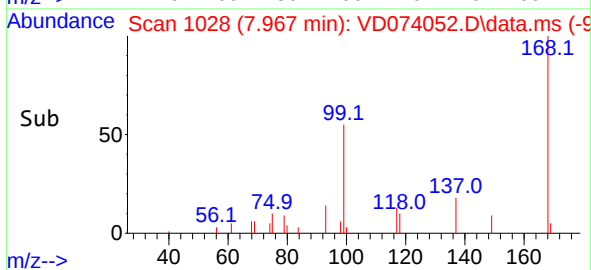
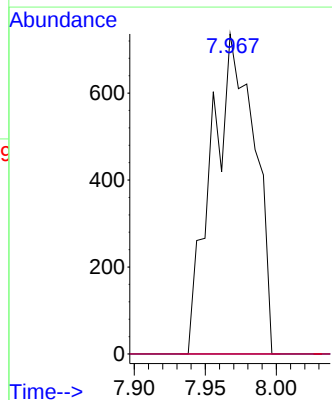
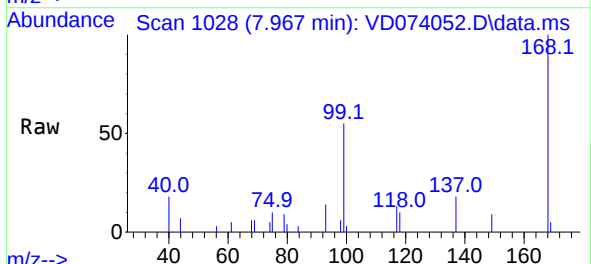
Tgt Ion: 117 Resp: 1552

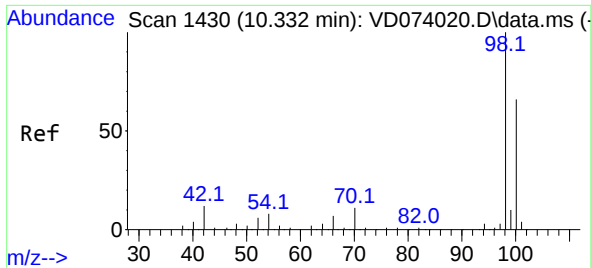
Ion Ratio Lower Upper

117 100

119 0.0 75.4 113.2#

121 0.0 25.2 37.8#

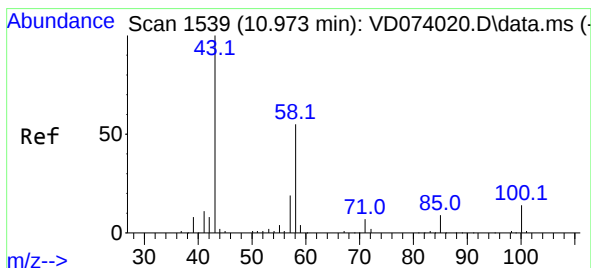
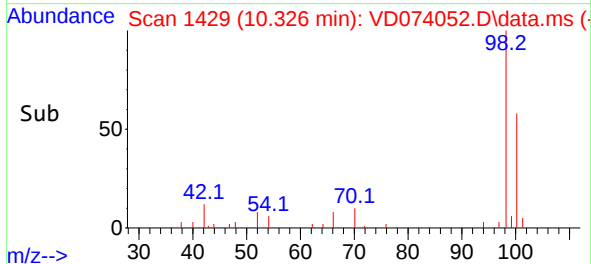
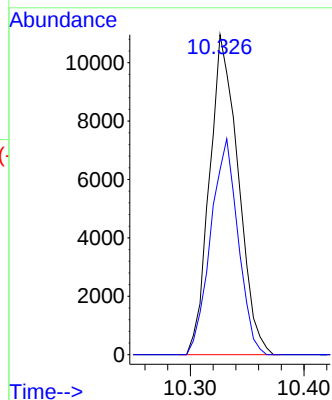
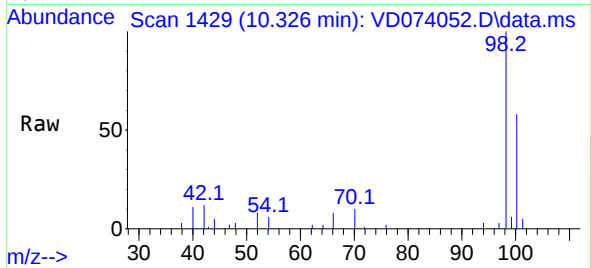




#50
Toluene-d8
Concen: 46.436 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD074052.D
Acq: 11 Aug 2022 20:16

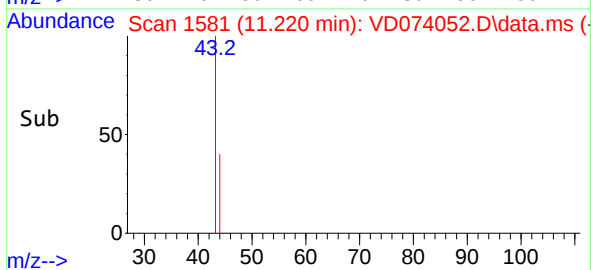
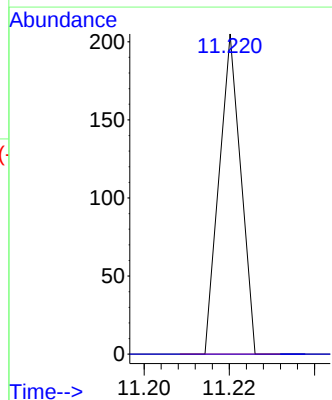
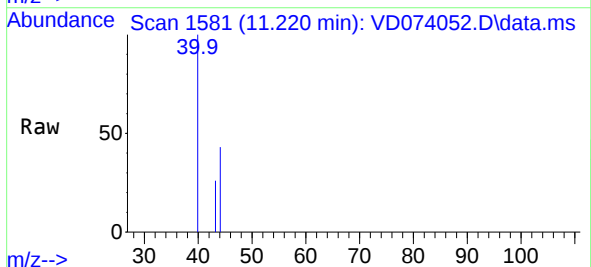
Instrument :
MSVOA_D
ClientSampleId :
SB09RE

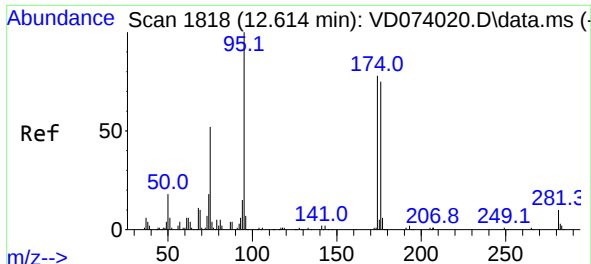
Tgt Ion: 98 Resp: 19237
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9



#59
2-Hexanone
Concen: 1.287 ug/l
RT: 11.220 min Scan# 1581
Delta R.T. 0.247 min
Lab File: VD074052.D
Acq: 11 Aug 2022 20:16

Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
58 0.0 28.2 84.6#

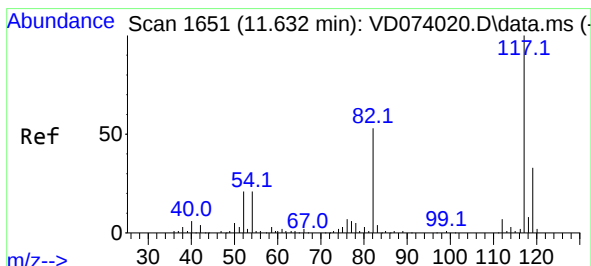
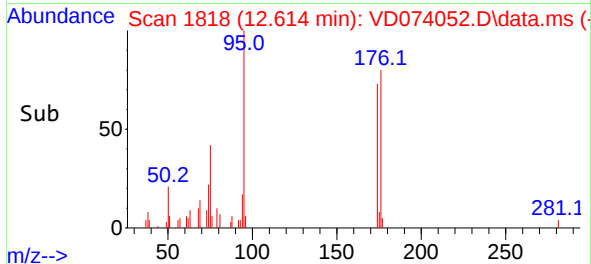
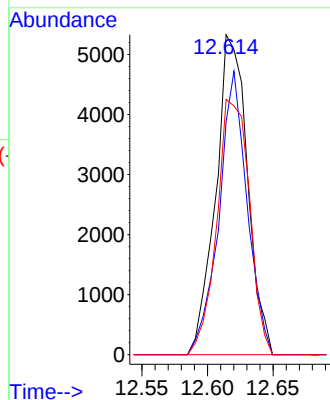
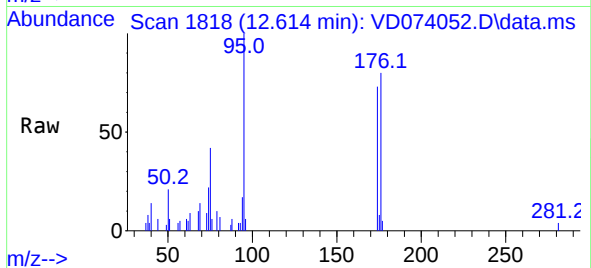




#62
4-Bromofluorobenzene
Concen: 46.353 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD074052.D
Acq: 11 Aug 2022 20:16

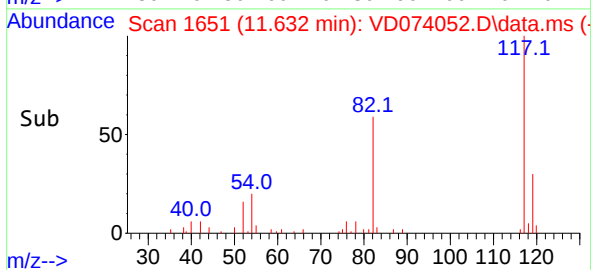
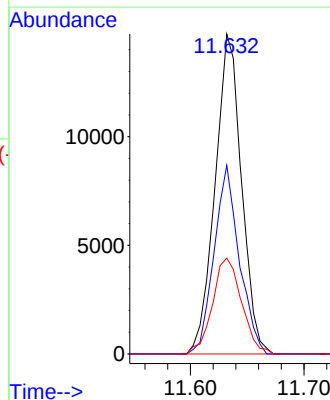
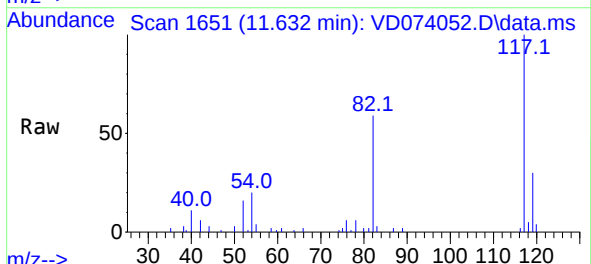
Instrument :
MSVOA_D
ClientSampleId :
SB09RE

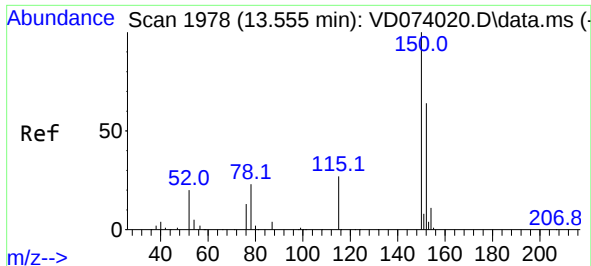
Tgt Ion:	95	Resp:	8949
Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	162.6
176	82.0	0.0	160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074052.D
Acq: 11 Aug 2022 20:16

Tgt Ion:	117	Resp:	23833
Ion	Ratio	Lower	Upper
117	100		
82	58.9	42.7	64.1
119	30.0	25.8	38.8

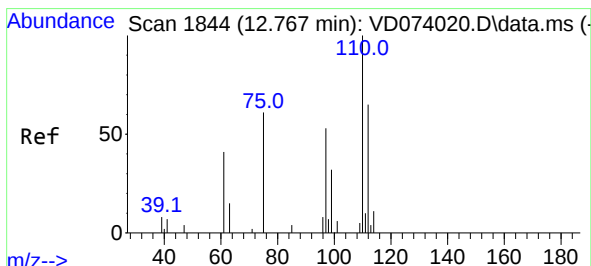
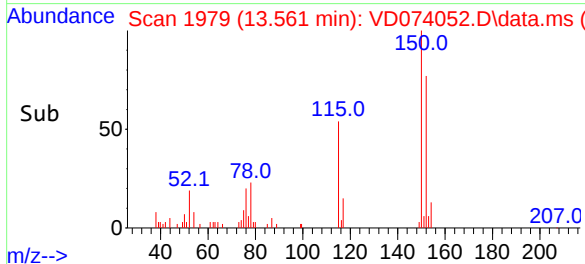
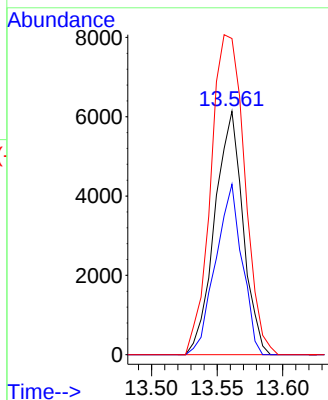
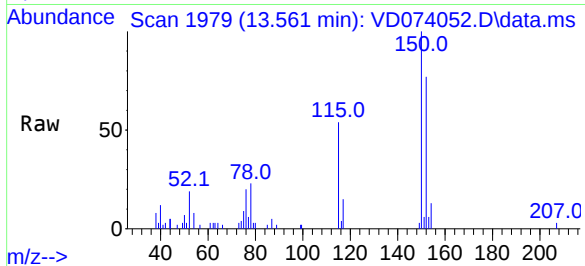




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074052.D
Acq: 11 Aug 2022 20:16

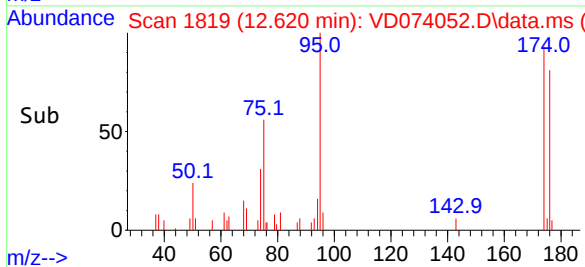
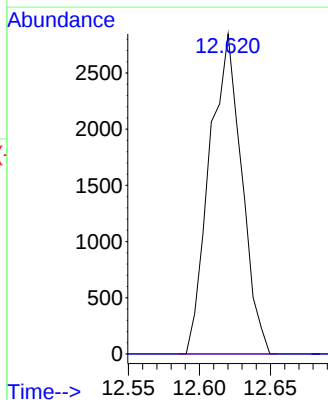
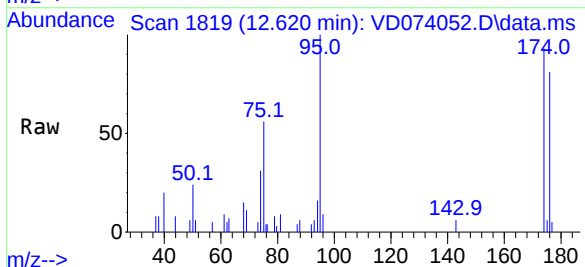
Instrument :
MSVOA_D
ClientSampleId :
SB09RE

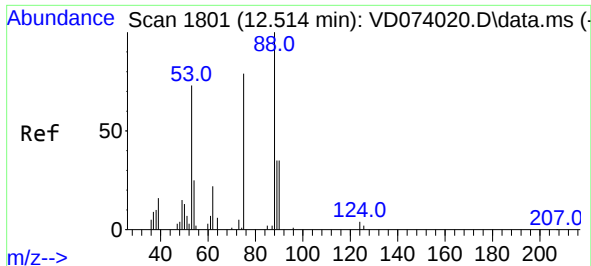
Tgt Ion:152 Resp: 9206
Ion Ratio Lower Upper
152 100
115 65.7 29.9 89.8
150 157.0 0.0 342.8



#76
1,2,3-Trichloropropane
Concen: 53.514 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074052.D
Acq: 11 Aug 2022 20:16

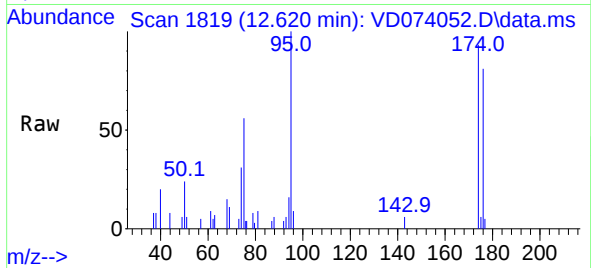
Tgt Ion: 75 Resp: 4498
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 142.829 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074052.D
Acq: 11 Aug 2022 20:16

Instrument :
MSVOA_D
ClientSampleId :
SB09RE



Tgt Ion:	75	Resp:	4498
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.3	106.9#
89	0.0	38.3	57.5#

