

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073682.D
 Acq On : 24 Jun 2022 12:33
 Operator : VA/SY
 Sample : VD0624SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBL01

Quant Time: Jun 25 07:19:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

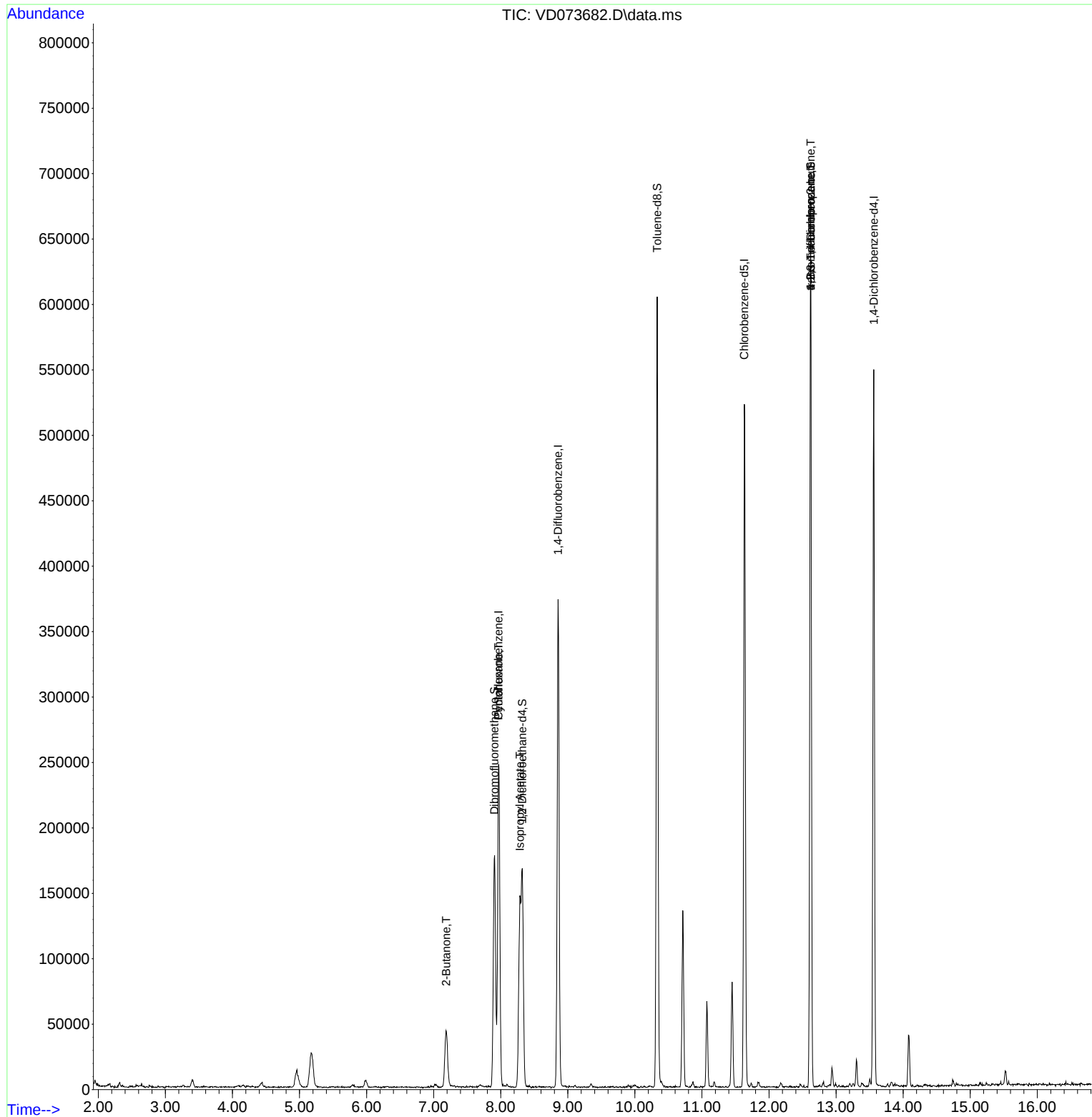
Internal Standards						
1) Pentafluorobenzene	7.967	168	182760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	322679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	309811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	143400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	122600	54.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.240%	
35) Dibromofluoromethane	7.903	113	128547	51.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.280%	
50) Toluene-d8	10.332	98	401587	44.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.000%	
62) 4-Bromofluorobenzene	12.620	95	154487	45.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.280%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	665	Below Cal	#	44
3) Chloromethane	2.203	50	634	Below Cal	#	40
5) Bromomethane	2.768	94	429	Below Cal		94
11) Tert butyl alcohol	5.179	59	26365	Below Cal	#	100
18) Methyl Acetate	4.903	43	129	Below Cal	#	50
20) Methylene Chloride	4.962	84	9688	Below Cal		87
25) 2-Butanone	7.185	43	2965	5.241	ug/l #	87
31) Cyclohexane	7.967	56	4452	1.322	ug/l #	36
43) Isopropyl Acetate	8.285	43	3121	1.148	ug/l #	4
76) 1,2,3-Trichloropropane	12.620	75	78814	56.477	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	78814	115.302	ug/l #	11

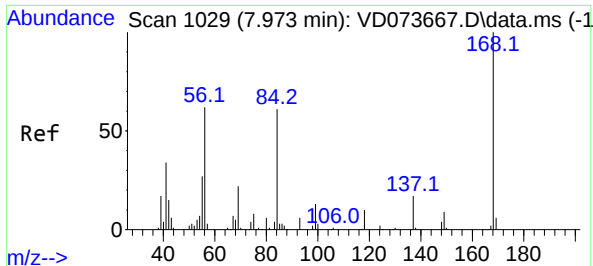
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD073682.D
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ClientSampleId :
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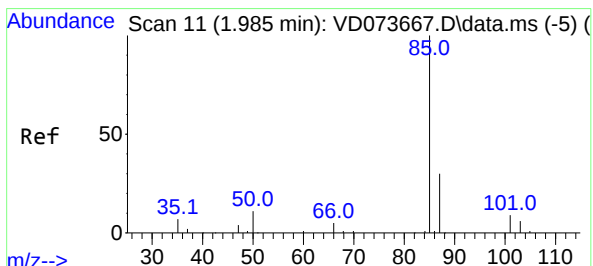
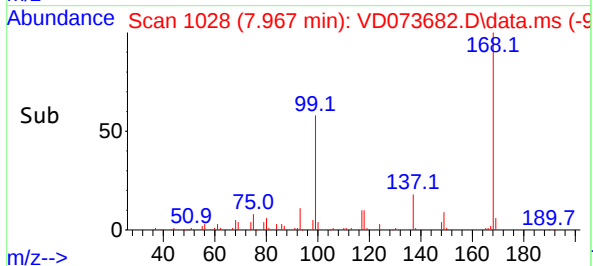
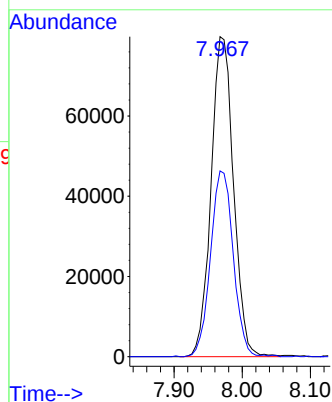
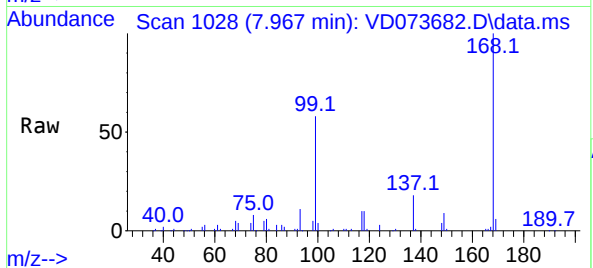




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

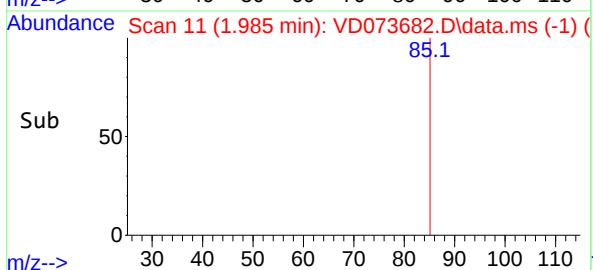
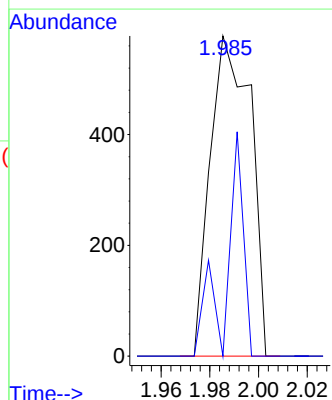
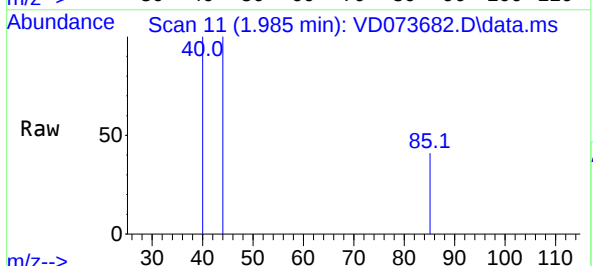
Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL01

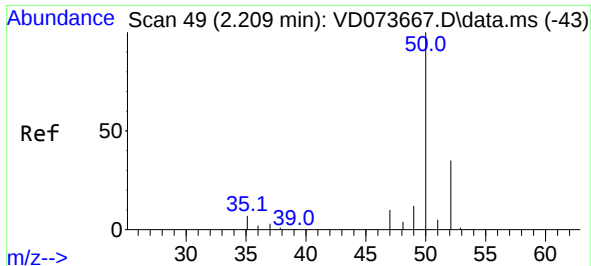
Tgt Ion:168 Resp: 182760
Ion Ratio Lower Upper
168 100
99 58.0 46.4 69.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Tgt Ion: 85 Resp: 665
Ion Ratio Lower Upper
85 100
87 0.0 15.2 45.5#

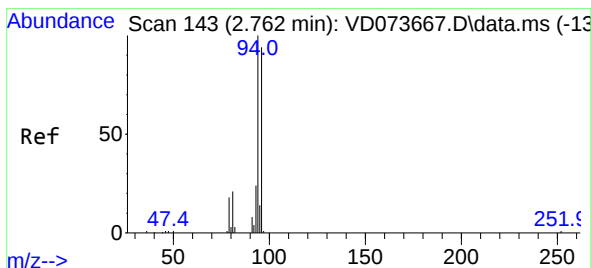
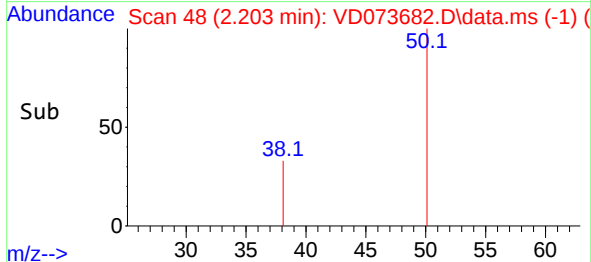
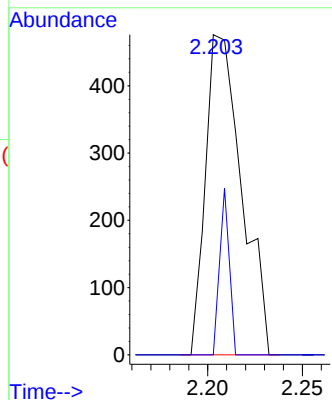
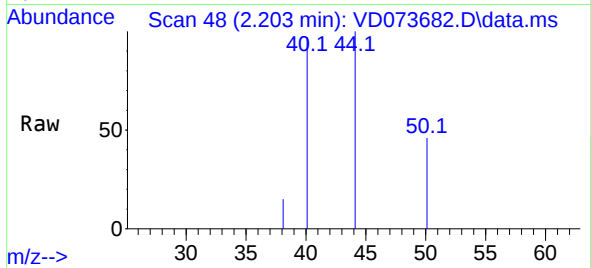




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

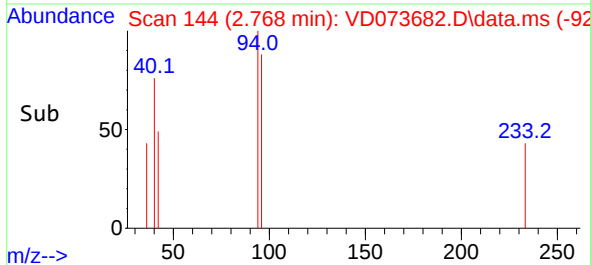
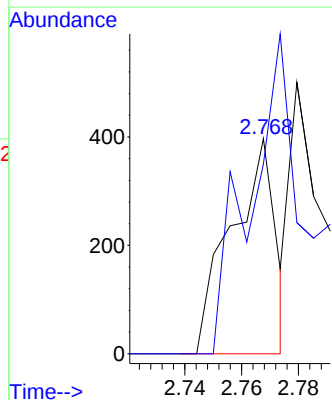
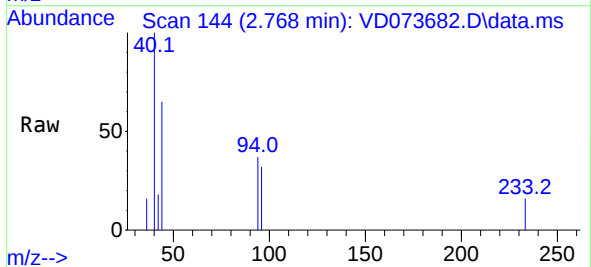
Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL01

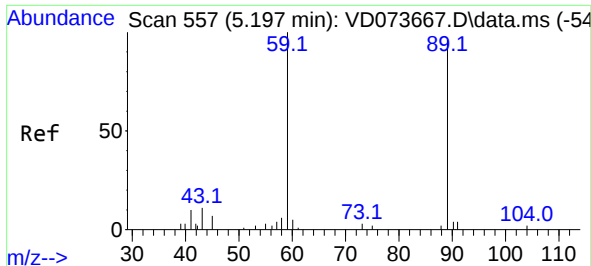
Tgt Ion: 50 Resp: 634
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.6#



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Tgt Ion: 94 Resp: 429
Ion Ratio Lower Upper
94 100
96 88.2 75.1 112.7

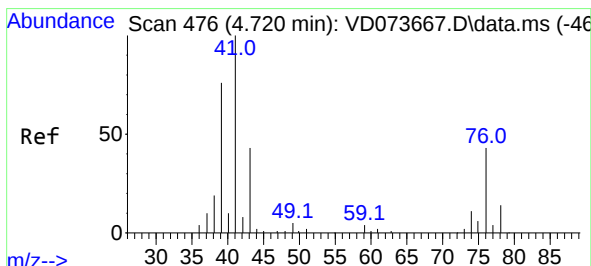
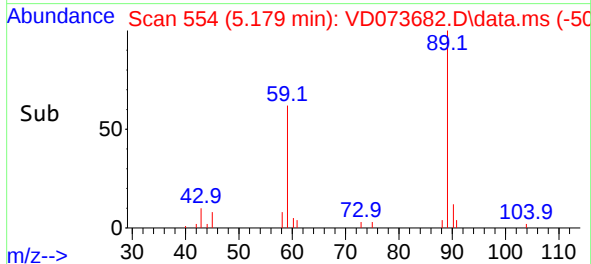
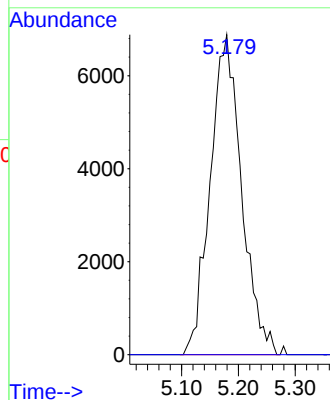
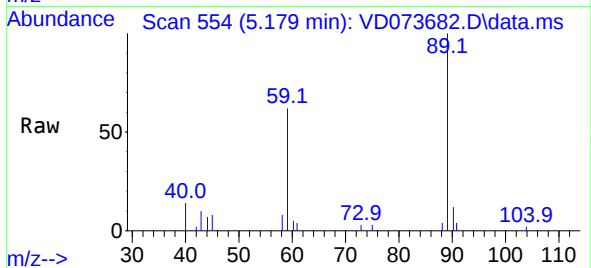




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

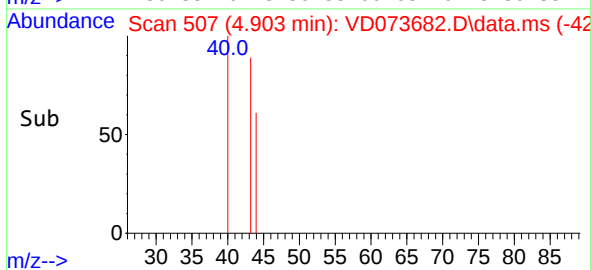
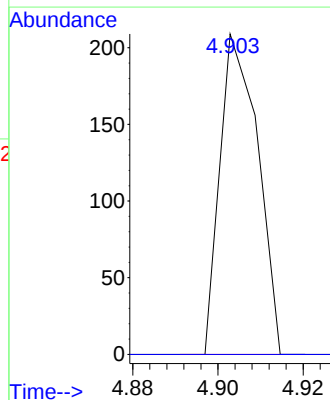
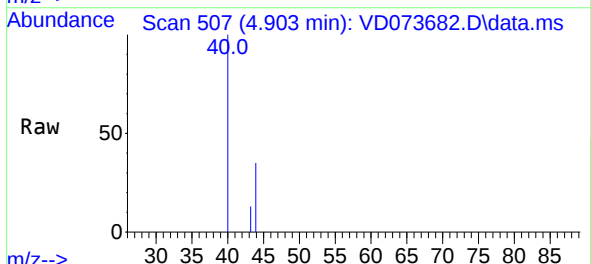
Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL01

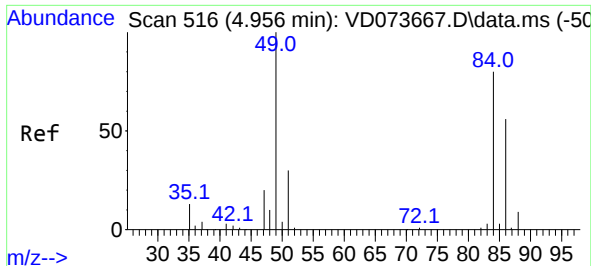
Tgt Ion: 59 Resp: 26365
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.903 min Scan# 507
Delta R.T. 0.183 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#



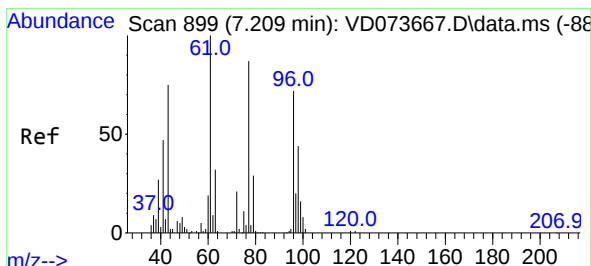
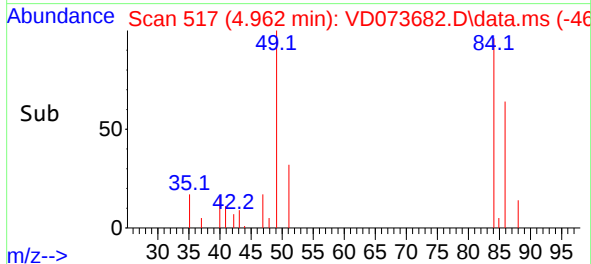
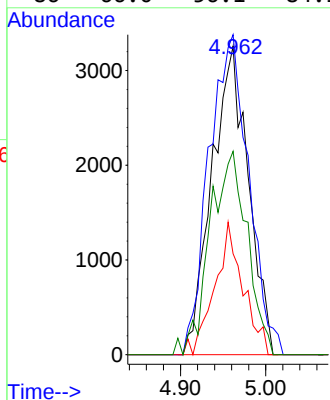
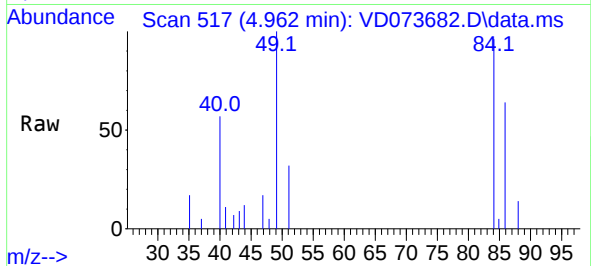


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL01

Tgt Ion: 84 Resp: 9688

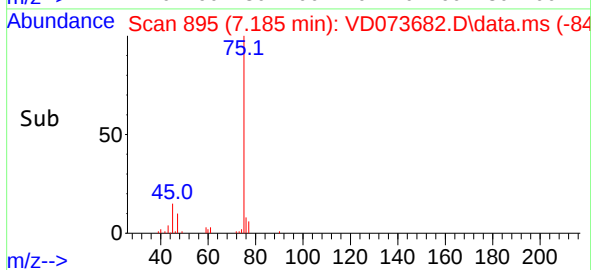
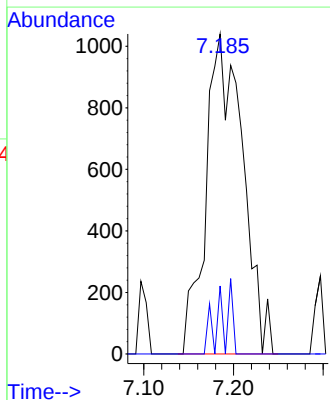
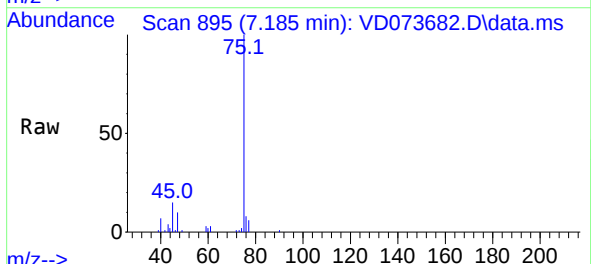
Ion	Ratio	Lower	Upper
84	100		
49	103.7	100.6	150.8
51	32.7	29.8	44.6
86	66.0	56.1	84.1

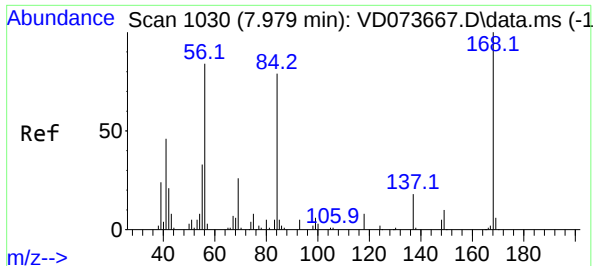


#25
2-Butanone
Concen: 5.241 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.023 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Tgt Ion: 43 Resp: 2965

Ion	Ratio	Lower	Upper
43	100		
72	21.3	22.6	33.8





#31

Cyclohexane

Concen: 1.322 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073682.D

Acq: 24 Jun 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

VD0624SBL01

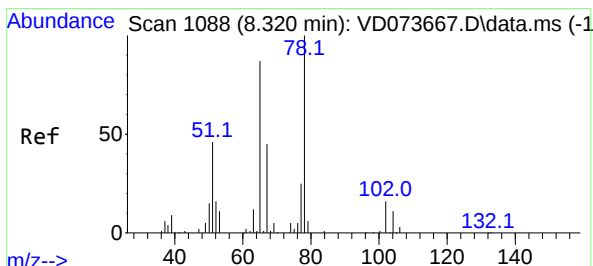
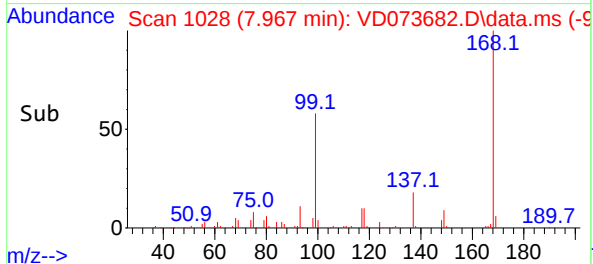
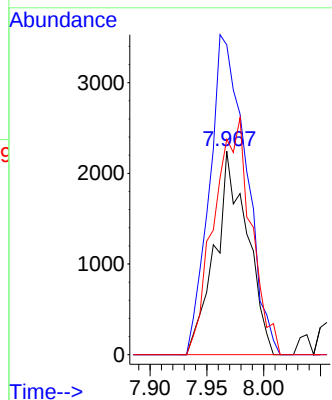
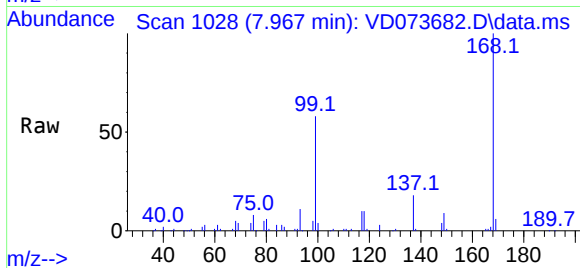
Tgt Ion: 56 Resp: 4452

Ion Ratio Lower Upper

56 100

69 152.2 25.2 37.8#

84 105.9 75.4 113.2



#33

1,2-Dichloroethane-d4

Concen: 54.617 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073682.D

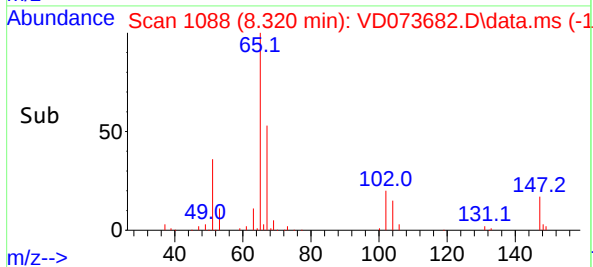
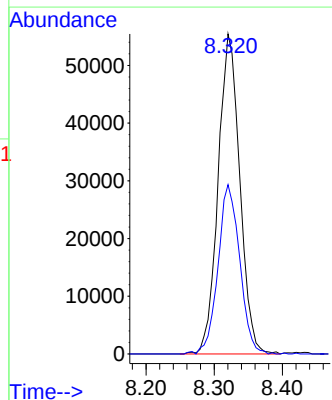
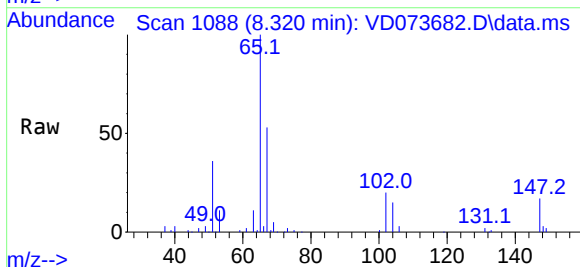
Acq: 24 Jun 2022 12:33

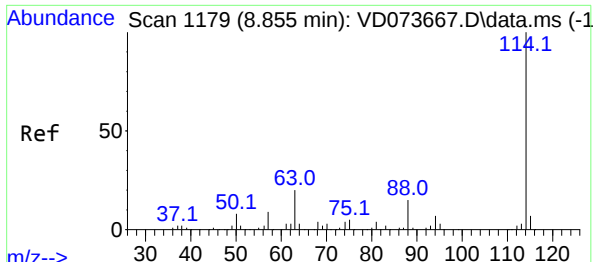
Tgt Ion: 65 Resp: 122600

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



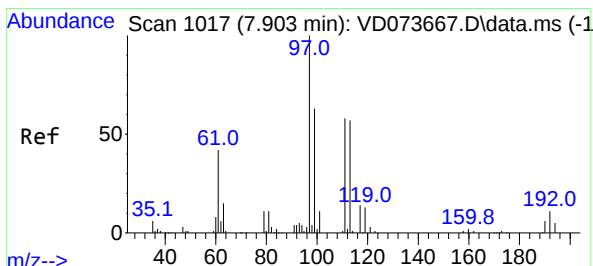
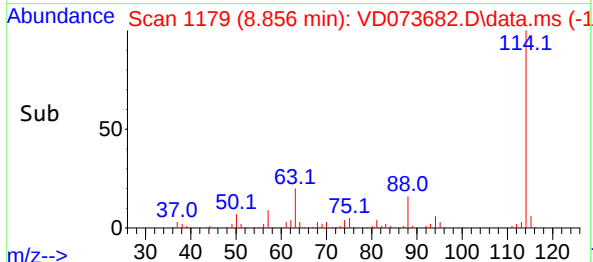
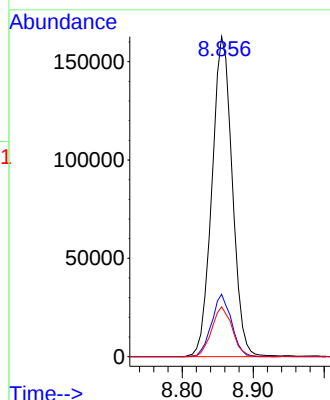
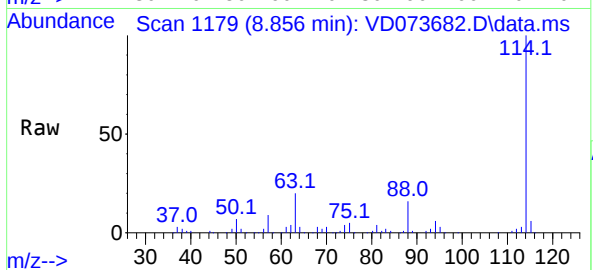


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL01

Tgt Ion:114 Resp: 322679

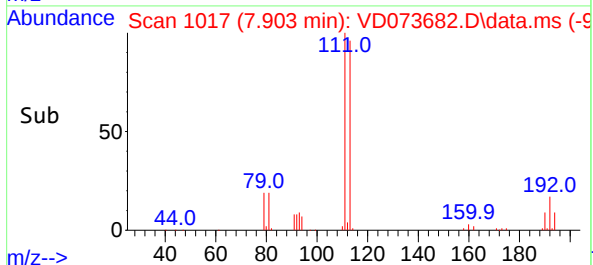
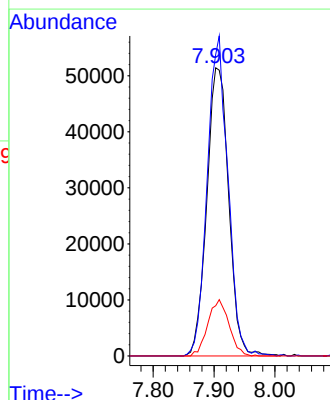
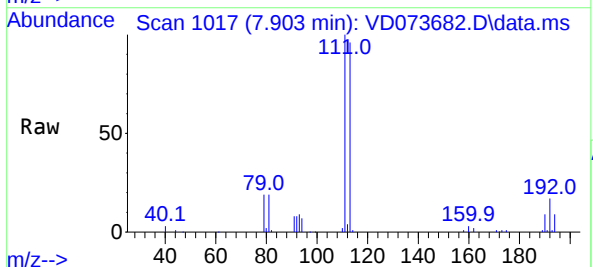
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.2
88	15.6	0.0	29.4

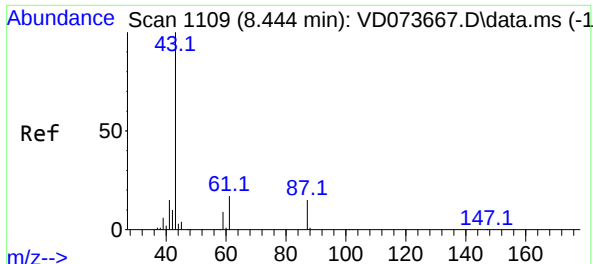


#35
Dibromofluoromethane
Concen: 51.139 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Tgt Ion:113 Resp: 128547

Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.8	122.6
192	18.9	14.8	22.2

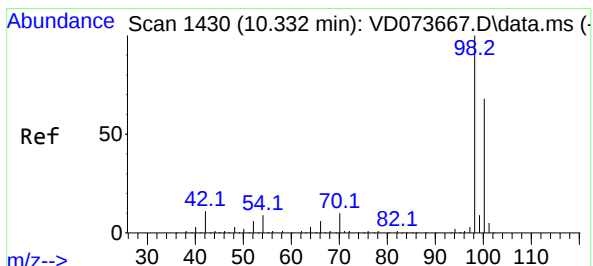
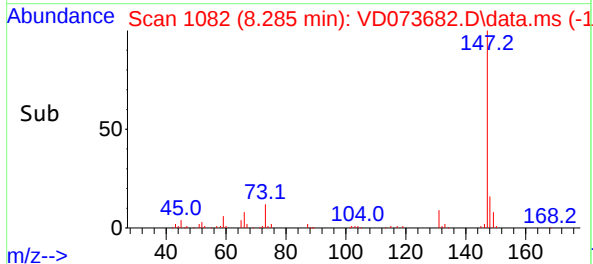
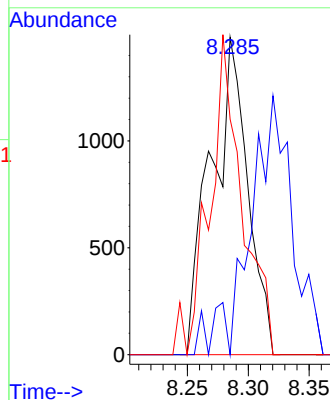
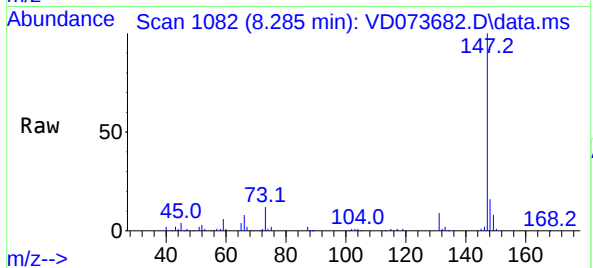




#43
Isopropyl Acetate
Concen: 1.148 ug/l
RT: 8.285 min Scan# 1082
Delta R.T. -0.159 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

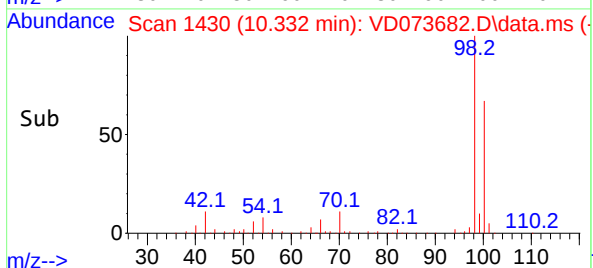
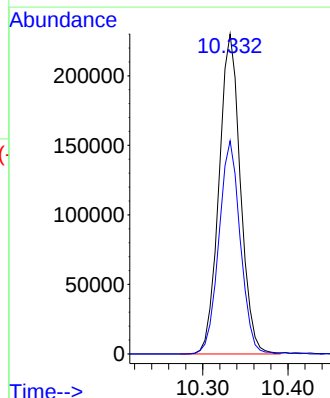
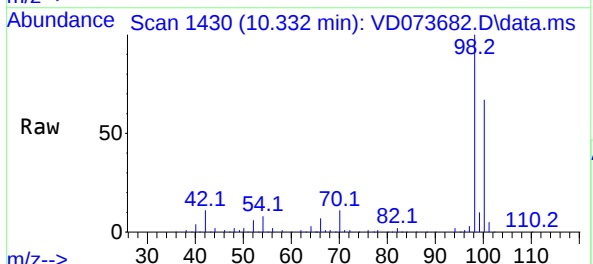
Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL01

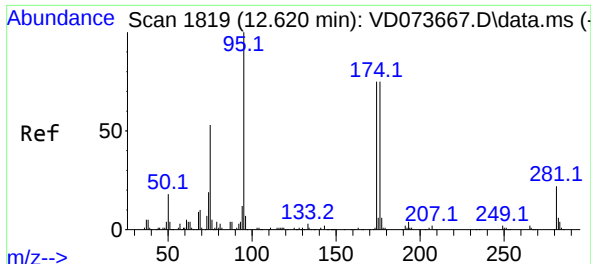
Tgt Ion: 43 Resp: 3121
Ion Ratio Lower Upper
43 100
61 0.0 25.4 38.0#
87 88.8 11.9 17.9#



#50
Toluene-d8
Concen: 44.495 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Tgt Ion: 98 Resp: 401587
Ion Ratio Lower Upper
98 100
100 66.7 54.0 81.0

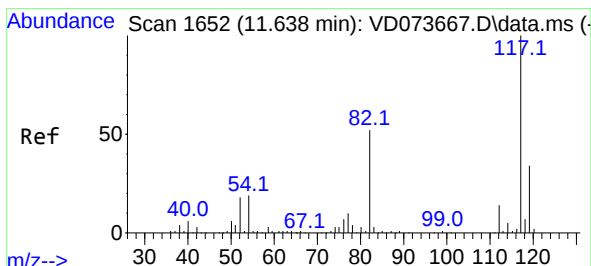
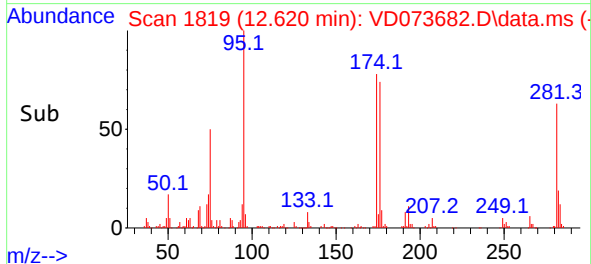
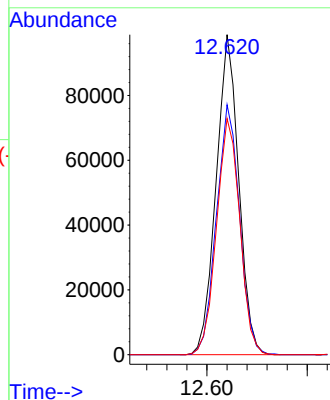
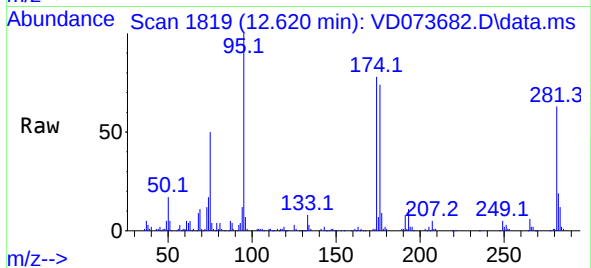




#62
4-Bromofluorobenzene
Concen: 45.637 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

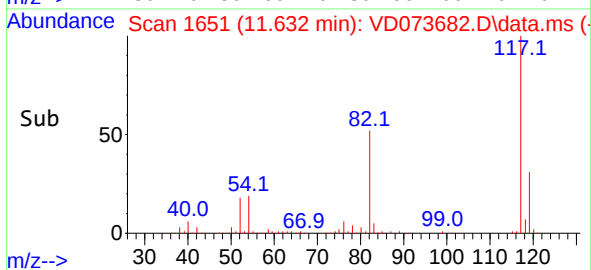
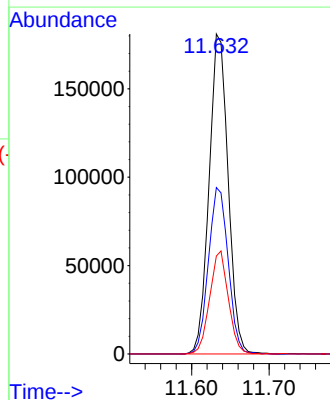
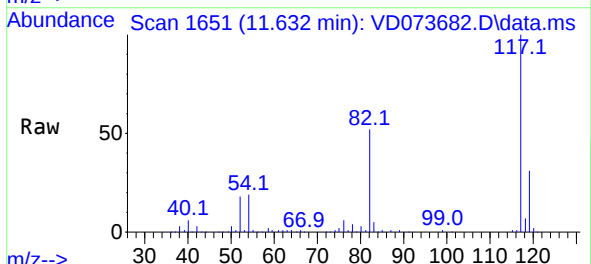
Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL01

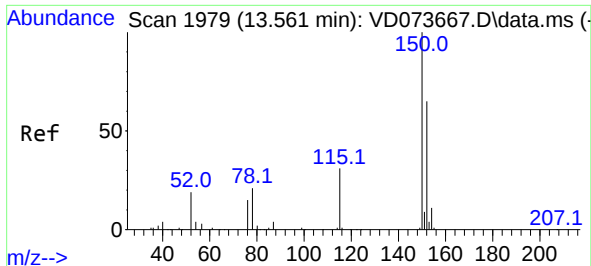
Tgt Ion: 95 Resp: 154487
Ion Ratio Lower Upper
95 100
174 80.0 0.0 158.4
176 75.9 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Tgt Ion: 117 Resp: 309811
Ion Ratio Lower Upper
117 100
82 52.0 41.5 62.3
119 30.6 27.1 40.7

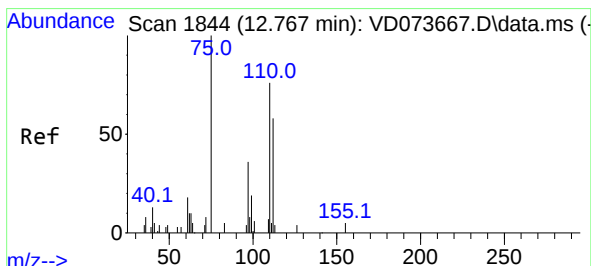
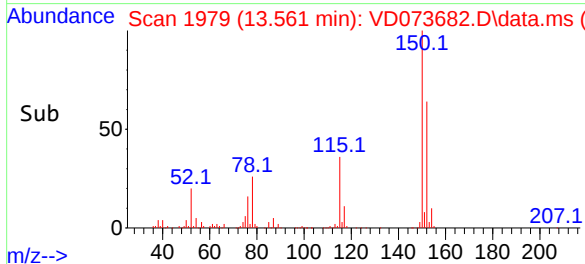
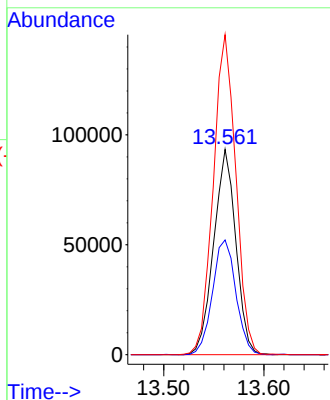
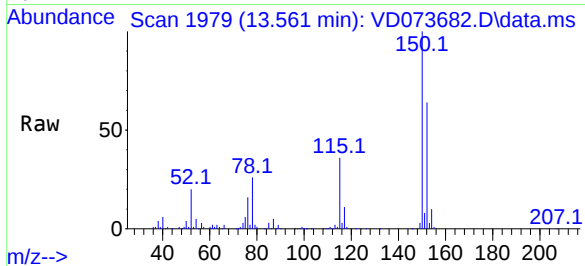




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

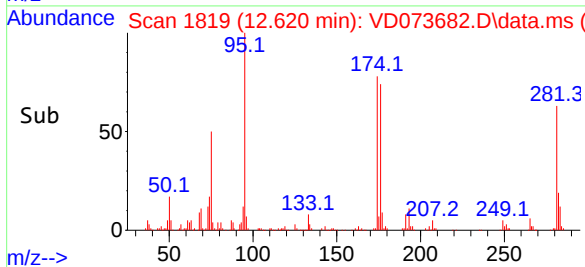
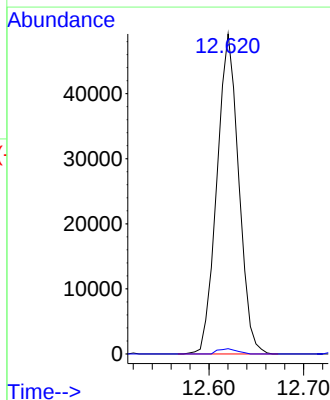
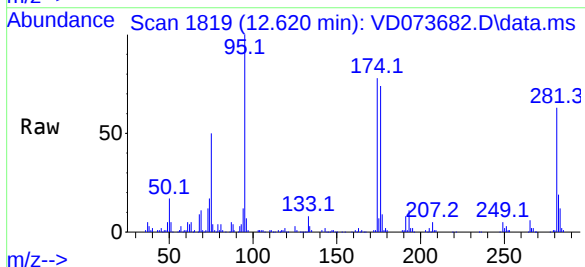
Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL01

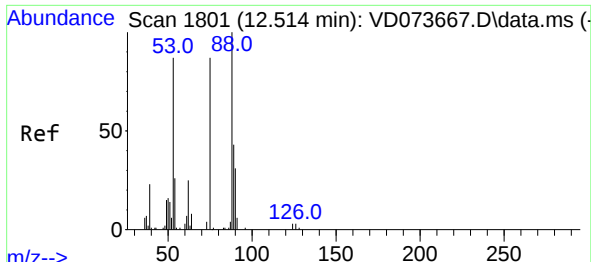
Tgt Ion:152 Resp: 143400
Ion Ratio Lower Upper
152 100
115 59.0 30.6 91.6
150 158.9 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 56.477 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Tgt Ion: 75 Resp: 78814
Ion Ratio Lower Upper
75 100
77 1.4 195.3 586.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 115.302 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL01

Tgt Ion: 75 Resp: 78814
Ion Ratio Lower Upper
75 100
53 0.1 77.0 115.6#
89 1.0 37.8 56.8#

