

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073706.D
 Acq On : 25 Jun 2022 13:33
 Operator : VA/SY
 Sample : N3502-06
 Misc : 4.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-43-LC

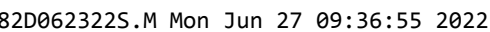
Quant Time: Jun 27 09:36:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

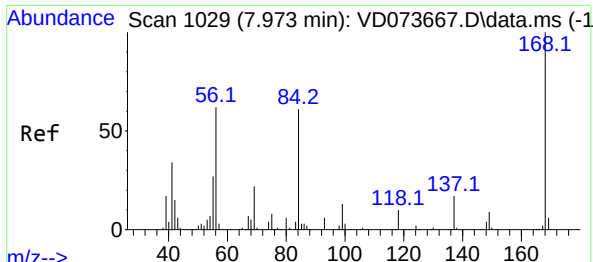
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	242436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	450477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	434856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	196878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	160804	54.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.000%	
35) Dibromofluoromethane	7.908	113	157358	44.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.680%	
50) Toluene-d8	10.332	98	543669	43.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.300%	
62) 4-Bromofluorobenzene	12.620	95	196282	41.534	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.060%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	430	Below Cal	#	44
3) Chloromethane	2.203	50	648	Below Cal	#	40
5) Bromomethane	2.750	94	620	Below Cal	#	34
11) Tert butyl alcohol	5.197	59	474	Below Cal	#	100
16) Acetone	4.156	43	66116	134.528	ug/l	97
18) Methyl Acetate	4.720	43	2286	Below Cal	#	67
20) Methylene Chloride	4.967	84	2063	Below Cal	#	61
25) 2-Butanone	7.208	43	19545	26.046	ug/l	99
29) Tetrahydrofuran	7.555	42	3481	7.631	ug/l	95
31) Cyclohexane	7.979	56	5757	1.289	ug/l #	47
37) Ethyl Acetate	7.208	43	19545	10.109	ug/l #	68
38) Carbon Tetrachloride	7.967	117	25367	4.423	ug/l #	16
41) Methacrylonitrile	7.561	41	2570	2.202	ug/l #	45
76) 1,2,3-Trichloropropane	12.620	75	100279	52.340	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	100279	106.855	ug/l #	11

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

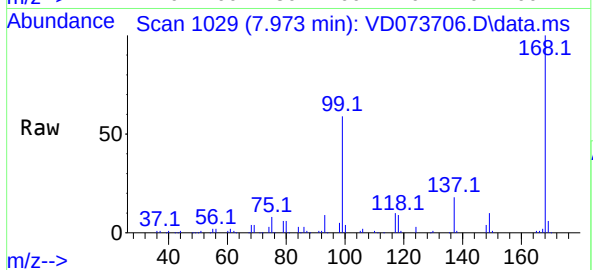
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 24 07:36:47 2022
Response via : Initial Calibration



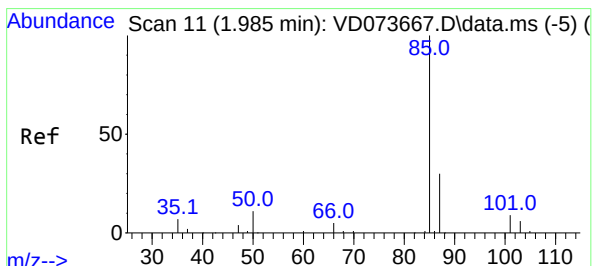
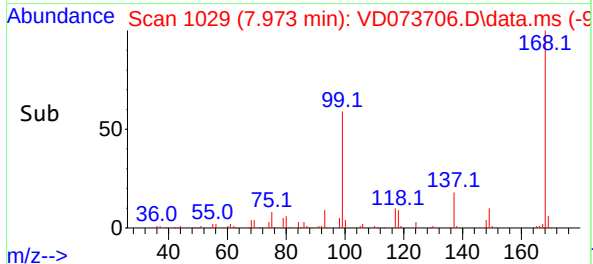
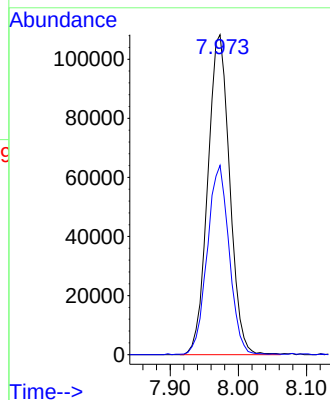


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Instrument :
MSVOA_D
ClientSampleId :
D-43-LC

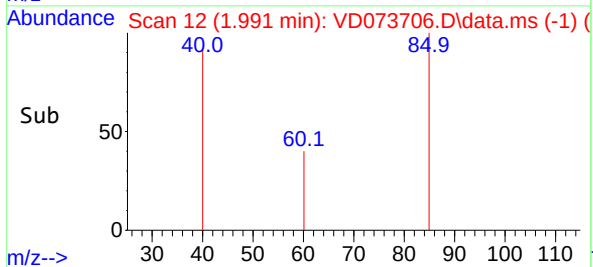
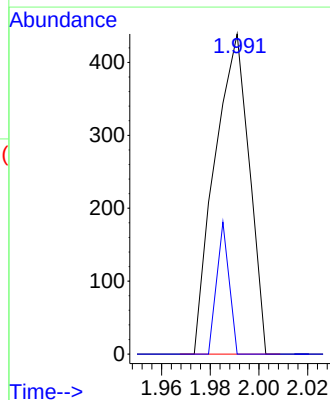
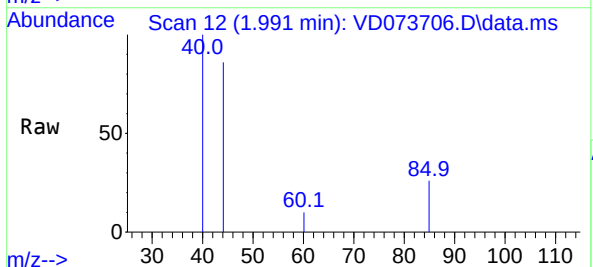


Tgt Ion:168 Resp: 242436
Ion Ratio Lower Upper
168 100
99 59.0 46.4 69.6

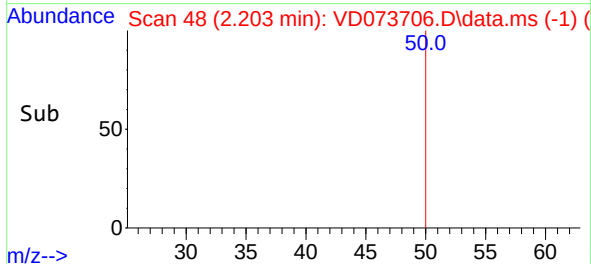
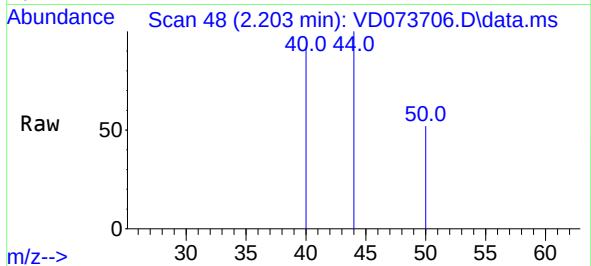
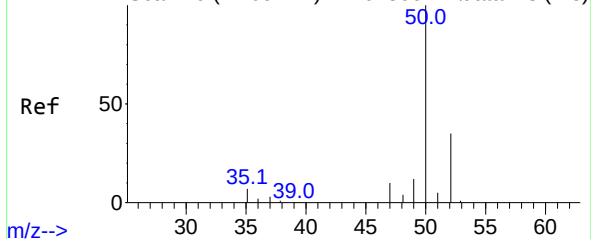


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Tgt Ion: 85 Resp: 430
Ion Ratio Lower Upper
85 100
87 0.0 15.2 45.5#



Abundance Scan 49 (2.209 min): VD073667.D\data.ms (-43)



#3

Chloromethane

Concen: Below Cal

RT: 2.203 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD073706.D

Acq: 25 Jun 2022 13:33

Instrument :

MSVOA_D

ClientSampleId :

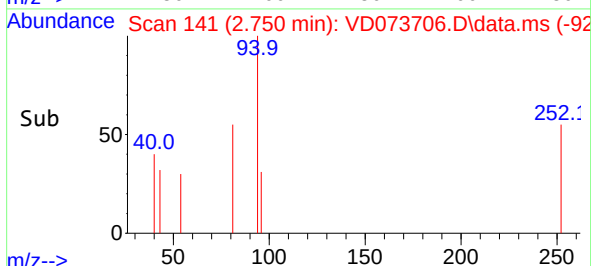
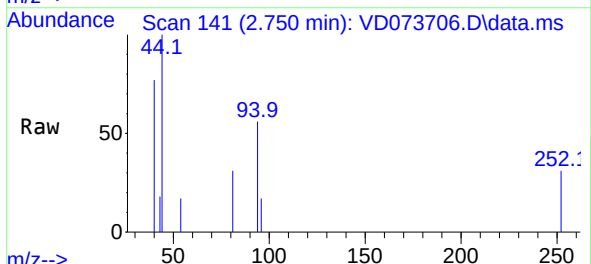
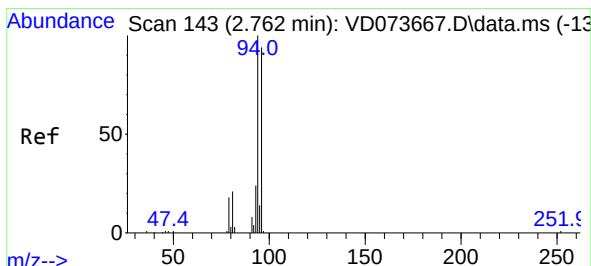
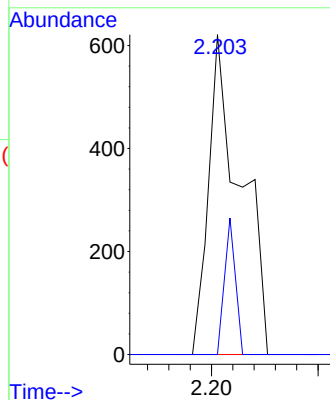
D-43-LC

Tgt Ion: 50 Resp: 648

Ion Ratio Lower Upper

50 100

52 0.0 27.8 41.6#



#5

Bromomethane

Concen: Below Cal

RT: 2.750 min Scan# 141

Delta R.T. -0.012 min

Lab File: VD073706.D

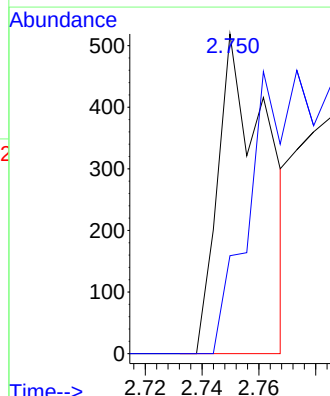
Acq: 25 Jun 2022 13:33

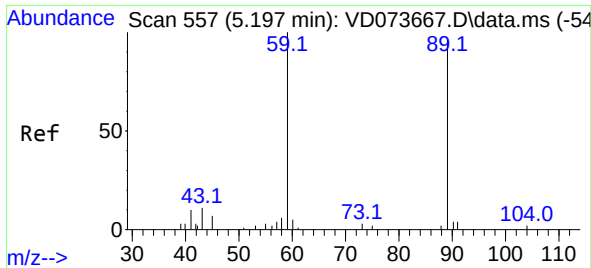
Tgt Ion: 94 Resp: 620

Ion Ratio Lower Upper

94 100

96 30.6 75.1 112.7#

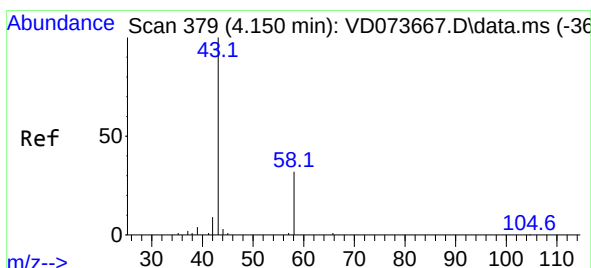
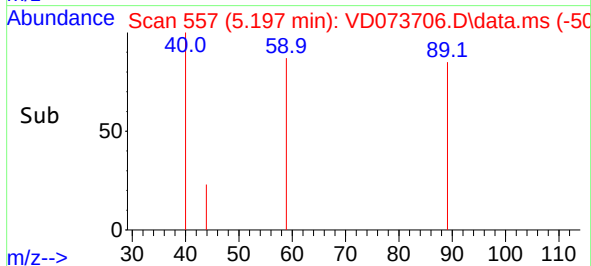
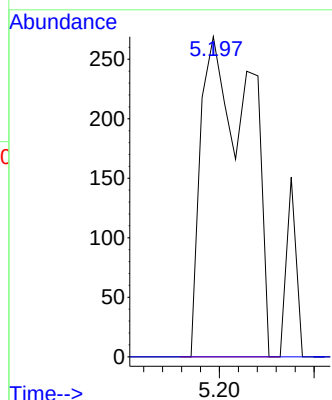
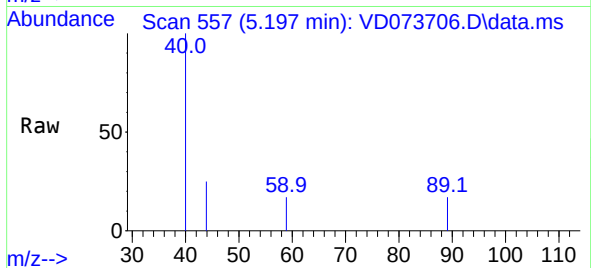




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

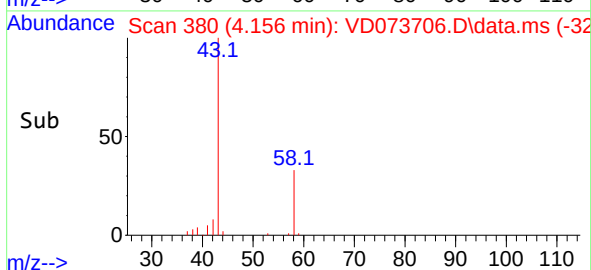
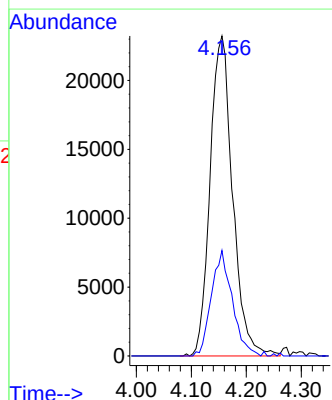
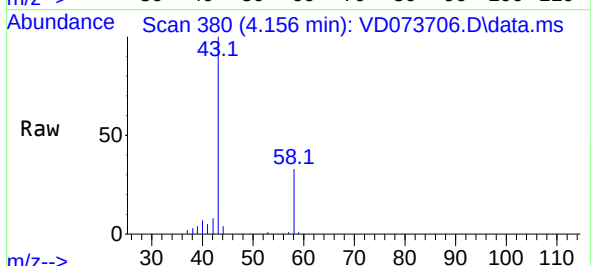
Instrument :
MSVOA_D
ClientSampleId :
D-43-LC

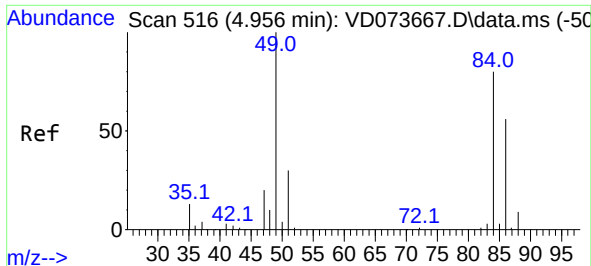
Tgt Ion: 59 Resp: 474
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 134.528 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Tgt Ion: 43 Resp: 66116
Ion Ratio Lower Upper
43 100
58 33.0 25.2 37.8



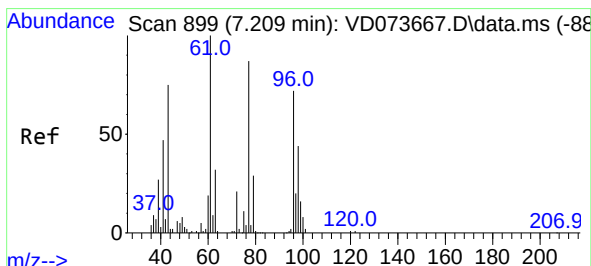
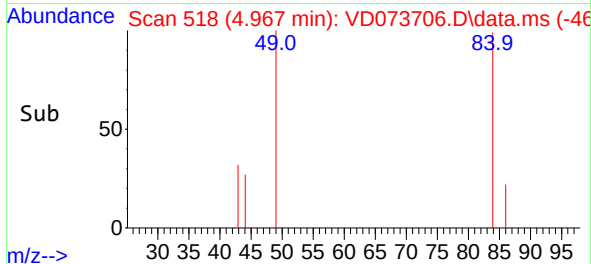
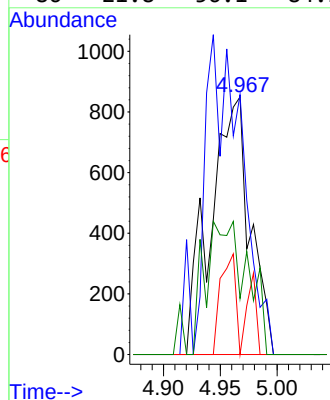
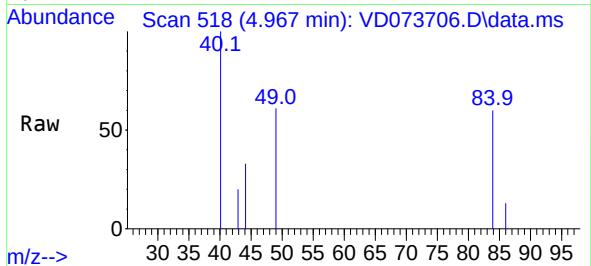


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 516
Delta R.T. 0.011 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Instrument :
MSVOA_D
ClientSampleId :
D-43-LC

Tgt Ion: 84 Resp: 2063

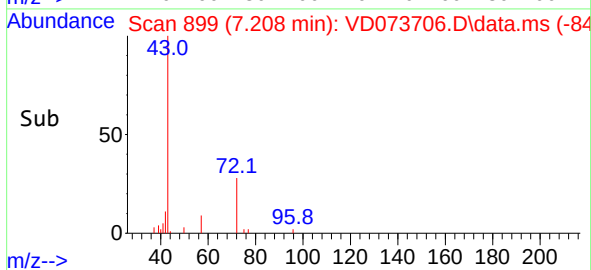
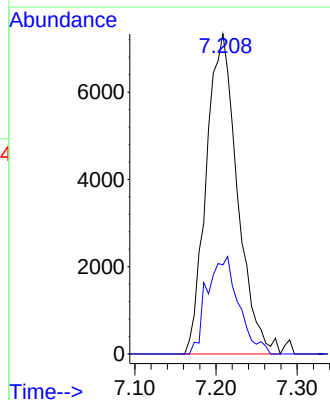
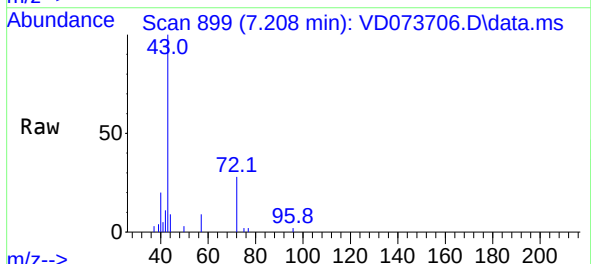
Ion	Ratio	Lower	Upper
84	100		
49	100.8	100.6	150.8
51	0.0	29.8	44.6#
86	21.8	56.1	84.1#

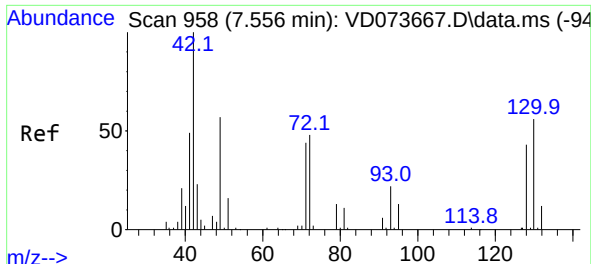


#25
2-Butanone
Concen: 26.046 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Tgt Ion: 43 Resp: 19545

Ion	Ratio	Lower	Upper
43	100		
72	27.8	22.6	33.8





#29

Tetrahydrofuran

Concen: 7.631 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073706.D

Acq: 25 Jun 2022 13:33

Instrument :

MSVOA_D

ClientSampleId :

D-43-LC

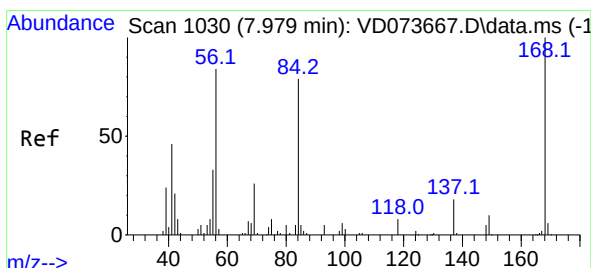
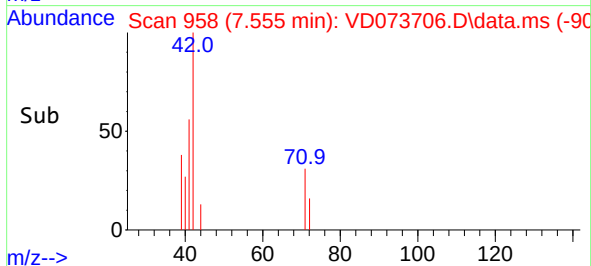
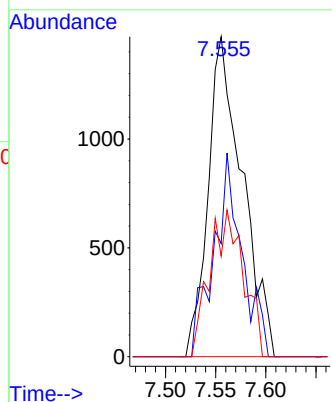
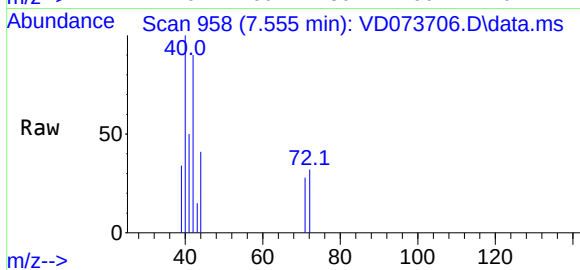
Tgt Ion: 42 Resp: 3481

Ion Ratio Lower Upper

42 100

72 52.8 37.8 56.6

71 45.3 35.5 53.3



#31

Cyclohexane

Concen: 1.289 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073706.D

Acq: 25 Jun 2022 13:33

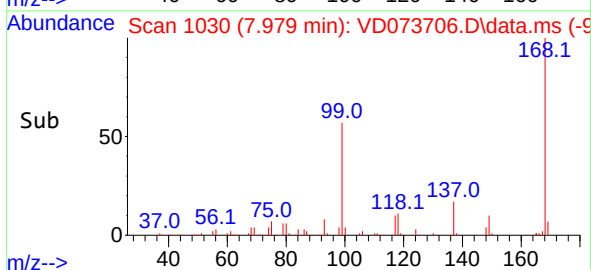
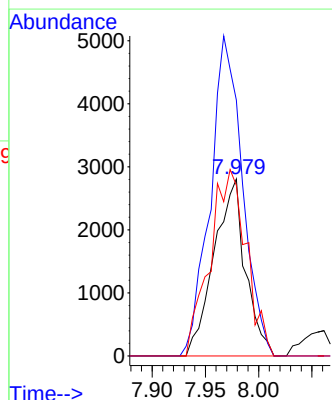
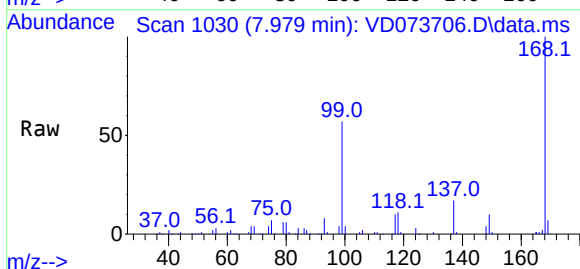
Tgt Ion: 56 Resp: 5757

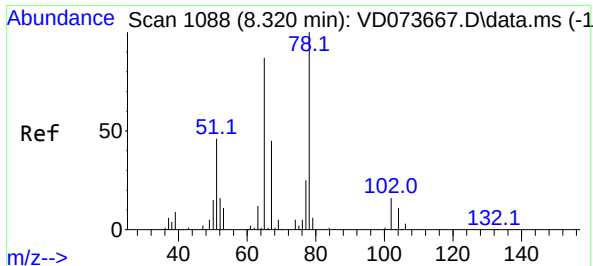
Ion Ratio Lower Upper

56 100

69 144.6 25.2 37.8#

84 96.4 75.4 113.2





#33

1,2-Dichloroethane-d4

Concen: 54.004 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD073706.D

Acq: 25 Jun 2022 13:33

Instrument :

MSVOA_D

ClientSampleId :

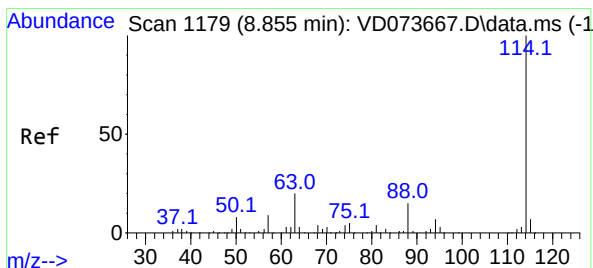
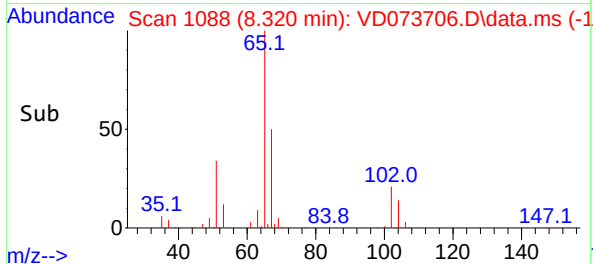
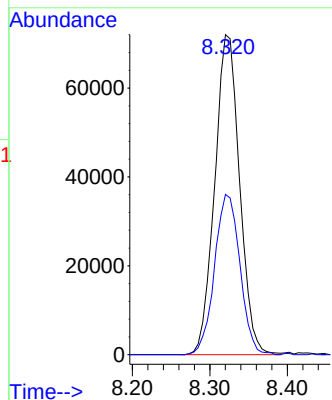
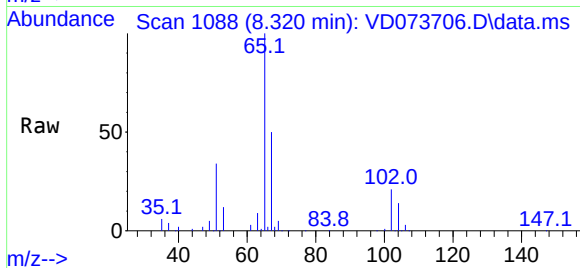
D-43-LC

Tgt Ion: 65 Resp: 160804

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073706.D

Acq: 25 Jun 2022 13:33

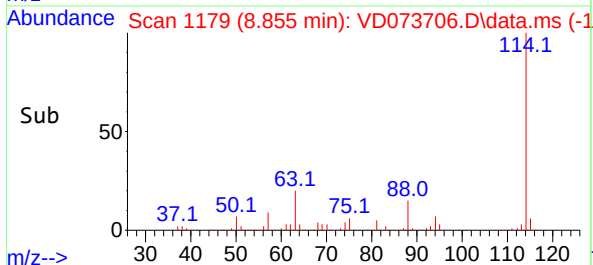
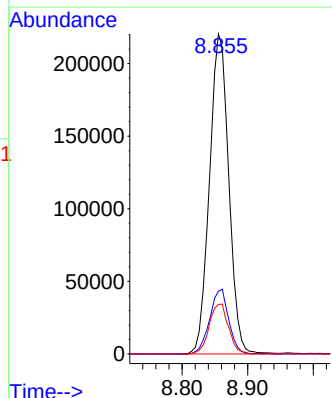
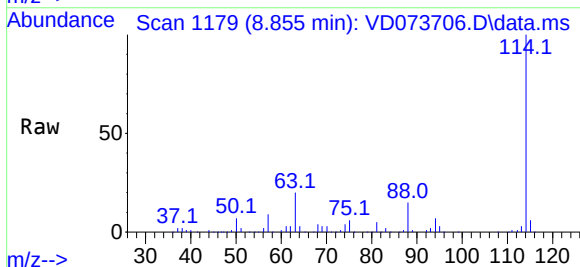
Tgt Ion: 114 Resp: 450477

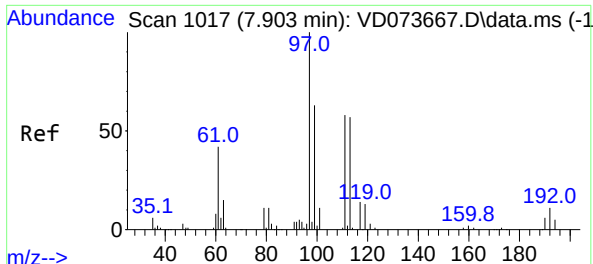
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 15.4 0.0 29.4

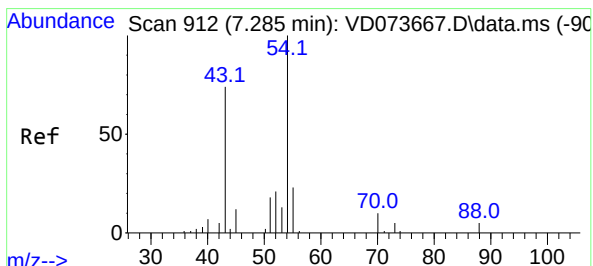
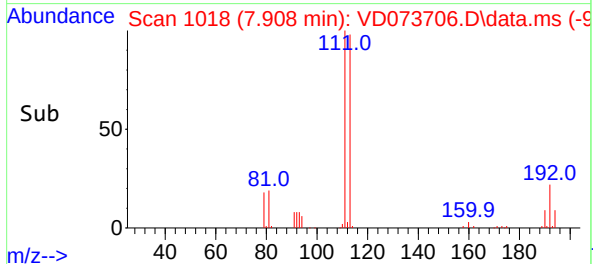
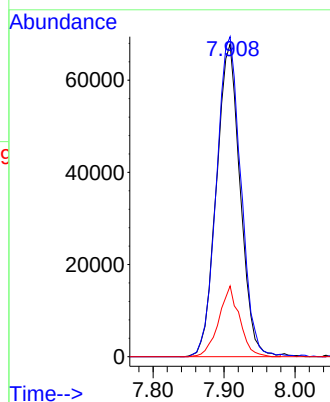
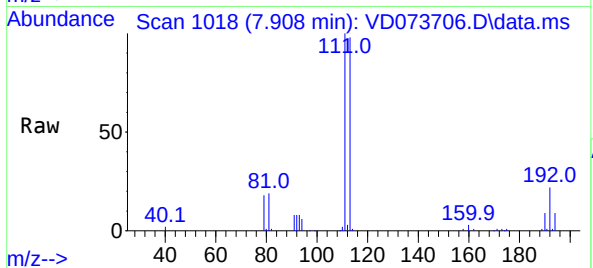




#35
Dibromofluoromethane
Concen: 44.841 ug/l
RT: 7.908 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

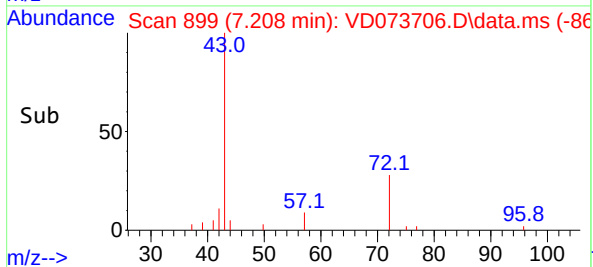
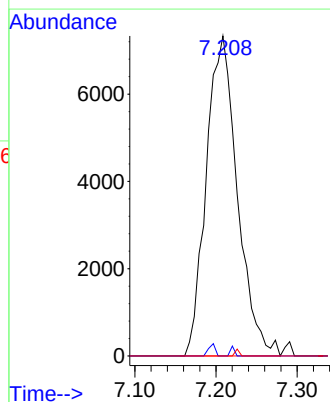
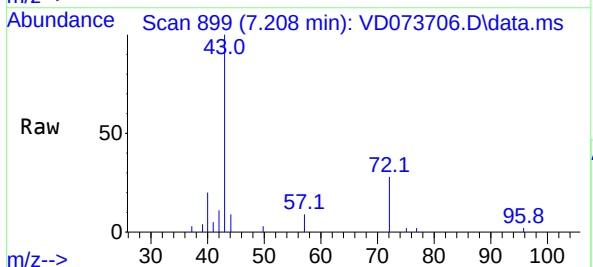
Instrument :
MSVOA_D
ClientSampleId :
D-43-LC

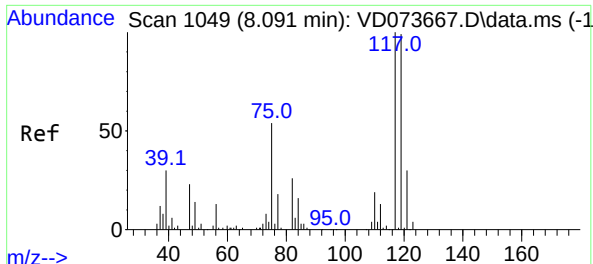
Tgt Ion:113 Resp: 157358
Ion Ratio Lower Upper
113 100
111 105.2 81.8 122.6
192 19.9 14.8 22.2



#37
Ethyl Acetate
Concen: 10.109 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.077 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

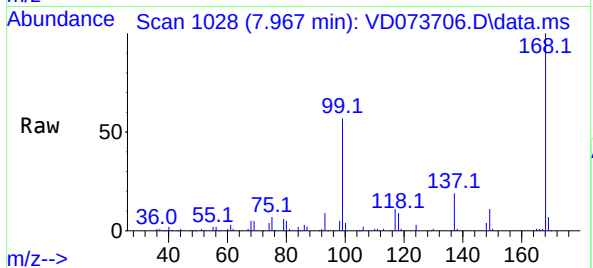
Tgt Ion: 43 Resp: 19545
Ion Ratio Lower Upper
43 100
61 0.4 10.6 16.0#
70 0.3 9.9 14.9#



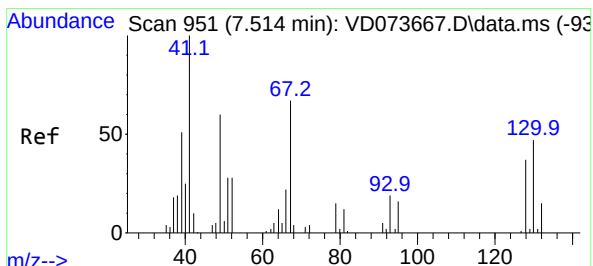
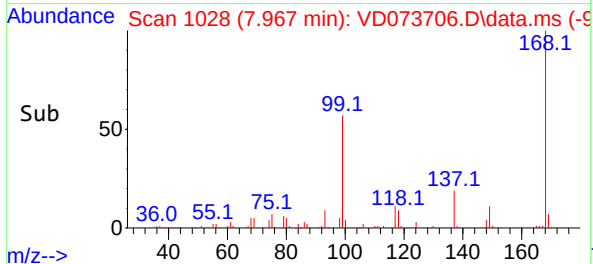
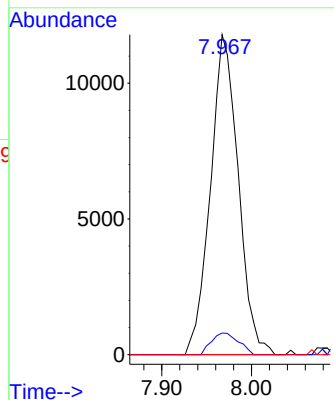


#38
Carbon Tetrachloride
Concen: 4.423 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Instrument :
MSVOA_D
ClientSampleId :
D-43-LC

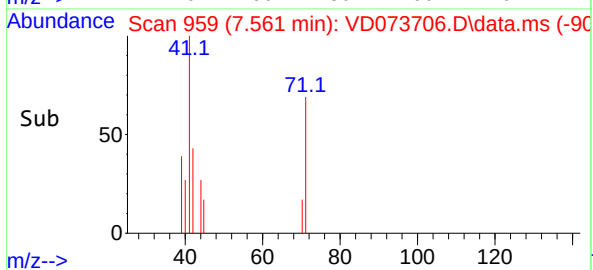
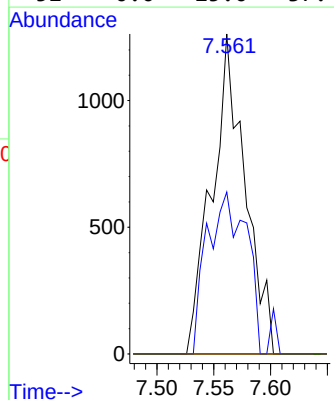
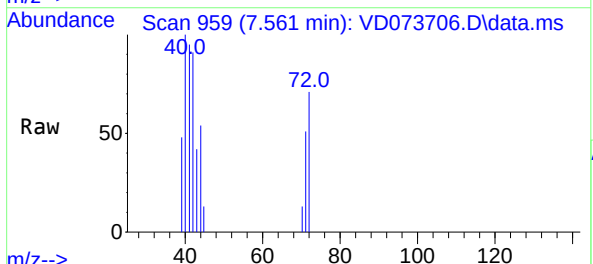


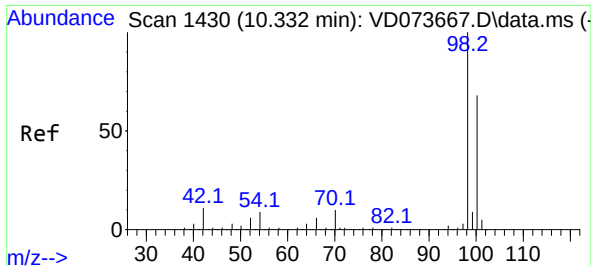
Tgt Ion:117 Resp: 25367
Ion Ratio Lower Upper
117 100
119 6.8 79.2 118.8#
121 0.0 23.8 35.8#



#41
Methacrylonitrile
Concen: 2.202 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.047 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Tgt Ion: 41 Resp: 2570
Ion Ratio Lower Upper
41 100
39 59.7 42.1 63.1
67 0.0 58.6 87.8#
52 0.0 25.0 37.4#

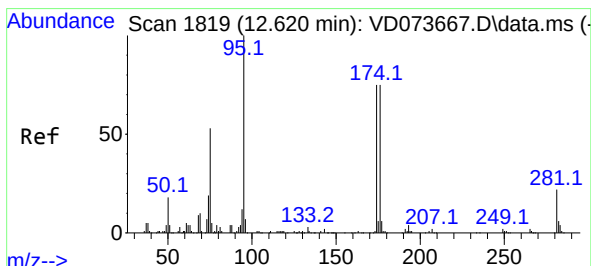
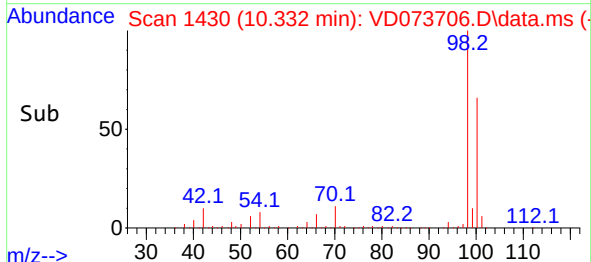
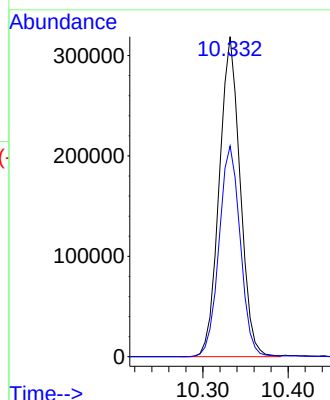
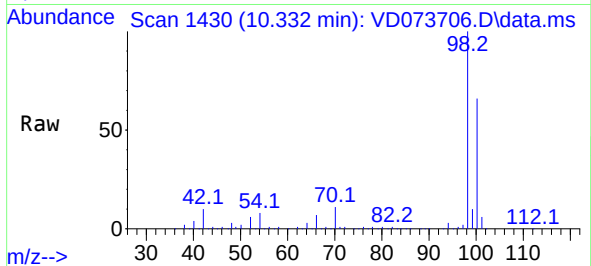




#50
Toluene-d8
Concen: 43.148 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

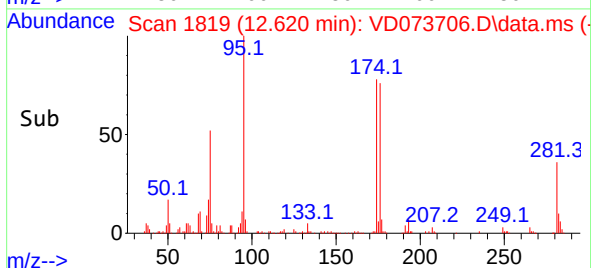
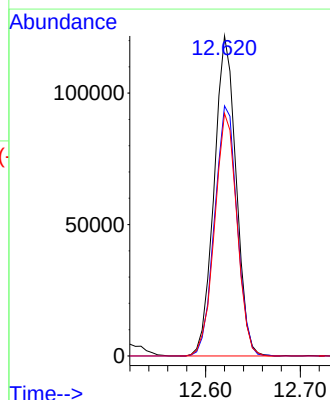
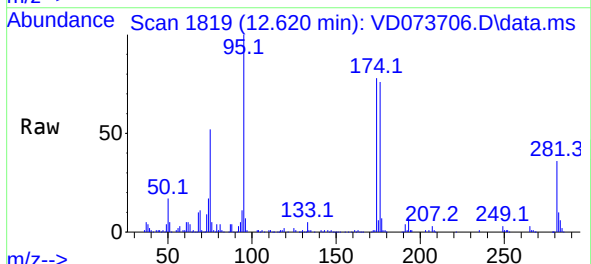
Instrument :
MSVOA_D
ClientSampleId :
D-43-LC

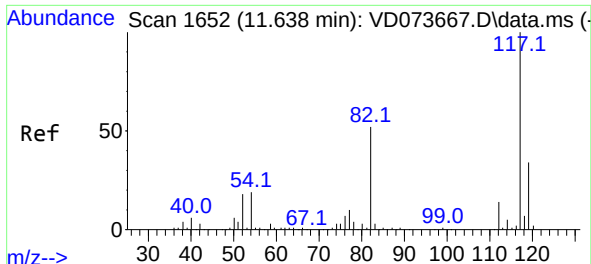
Tgt Ion: 98 Resp: 543669
Ion Ratio Lower Upper
98 100
100 66.8 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 41.534 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Tgt Ion: 95 Resp: 196282
Ion Ratio Lower Upper
95 100
174 80.0 0.0 158.4
176 77.0 0.0 154.8

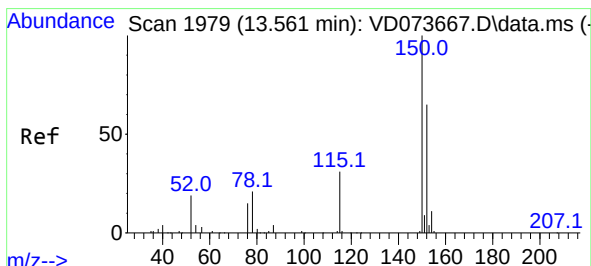
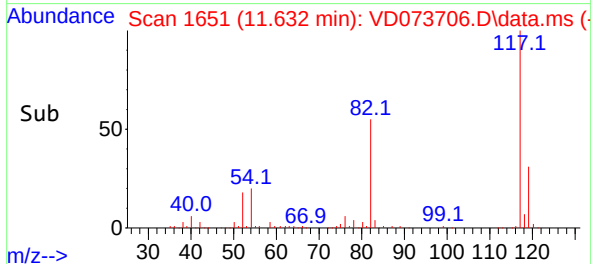
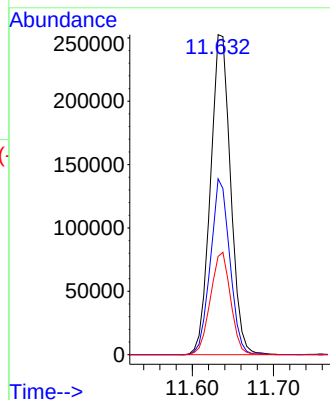
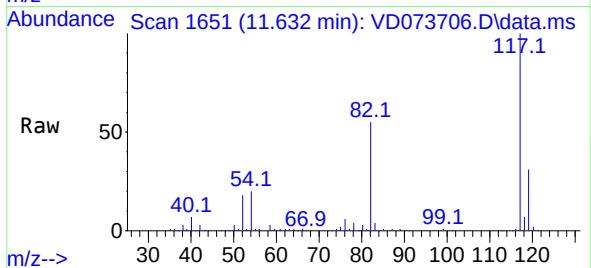




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

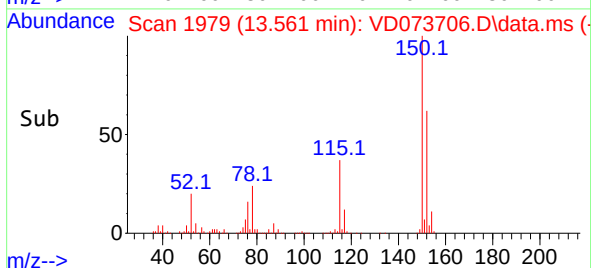
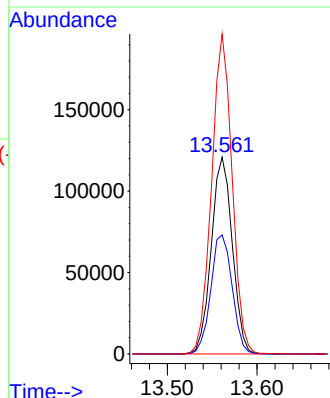
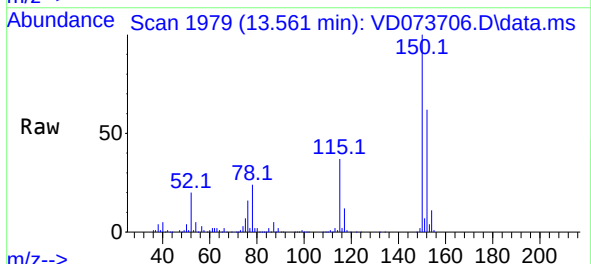
Instrument :
MSVOA_D
ClientSampleId :
D-43-LC

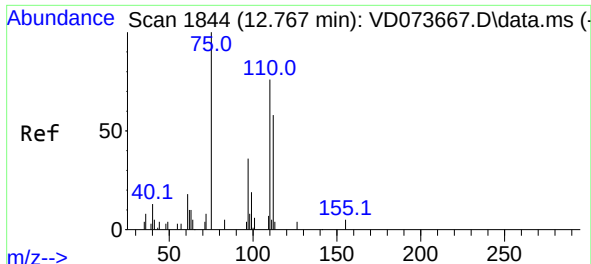
Tgt Ion:117 Resp: 434856
Ion Ratio Lower Upper
117 100
82 55.0 41.5 62.3
119 30.7 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Tgt Ion:152 Resp: 196878
Ion Ratio Lower Upper
152 100
115 61.3 30.6 91.6
150 158.1 0.0 355.0

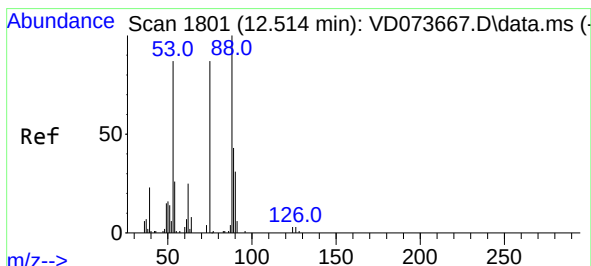
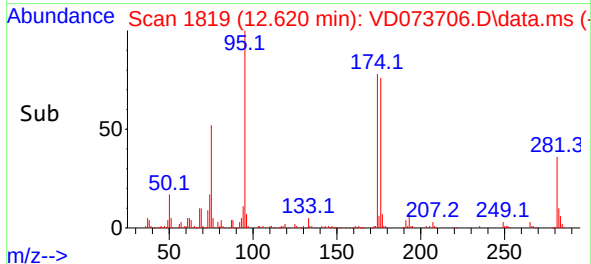
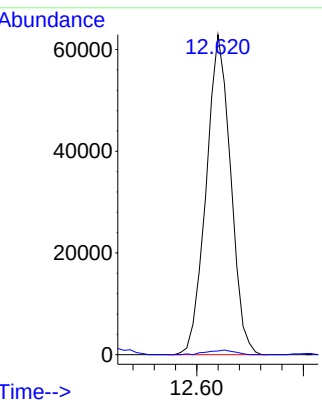
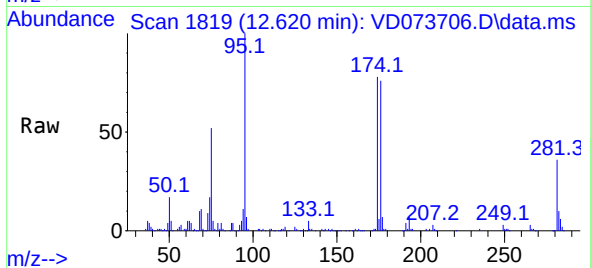




#76
1,2,3-Trichloropropane
Concen: 52.340 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Instrument :
MSVOA_D
ClientSampleId :
D-43-LC

Tgt Ion: 75 Resp: 100279
Ion Ratio Lower Upper
75 100
77 1.6 195.3 586.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.855 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Tgt Ion: 75 Resp: 100279
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.6#
89 0.6 37.8 56.8#

