

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021924\
 Data File : VW034254.D
 Acq On : 19 Feb 2024 19:35
 Operator : SY/MD
 Sample : P1503-05MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNB1MSD

Quant Time: Feb 20 03:31:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 20 01:47:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	70817	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	65763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22180	4.044	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.529	69	19730	4.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.060	65	10687	4.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	3.793	46	42285	45.906	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.820%
24) Chloroform-d	4.249	84	45614	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.947	65	22281	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	4.960	84	82058	4.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	5.992	67	22202	4.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.243	98	76386	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.558	79	8494	4.079	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.027	63	33517	45.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.160%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	15576	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	28569	4.652	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	24564	3.785	ug/L	98
3) Chloromethane	1.217	50	29431	4.158	ug/L	97
5) Vinyl chloride	1.285	62	29486	4.359	ug/L	92
6) Bromomethane	1.487	94	14271	4.006	ug/L	96
8) Chloroethane	1.548	64	19998	4.334	ug/L	92
9) Trichlorofluoromethane	1.712	101	53062	5.443	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	26333	5.168	ug/L	98
12) 1,1-Dichloroethene	2.069	96	25273	5.109	ug/L	98
13) Acetone	2.117	43	35943	51.435	ug/L #	37
14) Carbon disulfide	2.240	76	74511	4.655	ug/L	98
15) Methyl Acetate	2.381	43	7135	4.314	ug/L	97
16) Methylene chloride	2.449	84	24293	5.118	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	54529	5.365	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	24318	4.826	ug/L	99
19) 1,1-Dichloroethane	3.114	63	45114	4.872	ug/L	95
21) 2-Butanone	3.876	43	46602	50.464	ug/L #	58
22) cis-1,2-Dichloroethene	3.818	96	26138	4.572	ug/L	97
23) Bromochloromethane	4.153	128	10212	5.138	ug/L	90
25) Chloroform	4.278	83	48187	5.148	ug/L	95

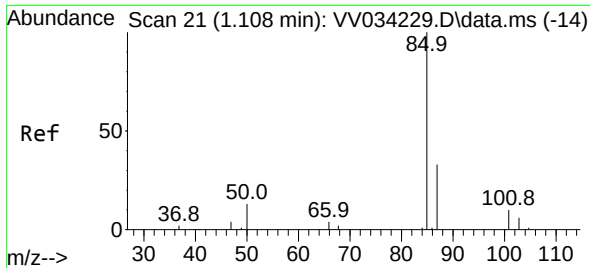
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021924\
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	29872	5.574	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	46264	5.240	ug/L	100
30) Cyclohexane	4.580	56	37333	4.348	ug/L	96
31) Carbon tetrachloride	4.735	117	41535	5.376	ug/L	99
33) Benzene	5.011	78	96174	4.876	ug/L	100
34) Trichloroethene	5.834	95	25111	4.399	ug/L	96
35) Methylcyclohexane	6.050	83	39888	4.452	ug/L	96
37) 1,2-Dichloropropane	6.095	63	22547	4.719	ug/L	99
38) Bromodichloromethane	6.436	83	31578	5.035	ug/L	96
39) cis-1,3-Dichloropropene	6.956	75	32293	4.442	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	116724	51.017	ug/L	99
42) Toluene	7.317	91	105124	4.987	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	25630	4.592	ug/L	95
45) 1,1,2-Trichloroethane	7.770	97	14664	4.970	ug/L	97
47) Tetrachloroethene	7.905	164	21235	4.578	ug/L	95
48) 2-Hexanone	8.075	43	79725	49.434	ug/L	99
49) Dibromochloromethane	8.175	129	18771	5.354	ug/L	94
50) 1,2-Dibromoethane	8.284	107	13205	4.987	ug/L	94
51) Chlorobenzene	8.815	112	66475	4.987	ug/L	98
52) Ethylbenzene	8.947	91	120336	4.959	ug/L	100
53) m,p-Xylene	9.072	106	45771	4.992	ug/L	98
54) o-Xylene	9.477	106	44532	5.036	ug/L	98
55) Styrene	9.497	104	70646	4.990	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	16383	5.261	ug/L	99
59) Bromoform	9.667	173	9122	4.904	ug/L	99
60) Isopropylbenzene	9.866	105	115526	4.624	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	11924	5.137	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	102720	4.863	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	101631	4.952	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	54378	4.991	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	52611	4.877	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	48276	5.160	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	2517	5.174	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	41683	4.944	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	34085	5.179	ug/L	98
71) Naphthalene	13.442	128	48557	5.630	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	29569	5.607	ug/L	100

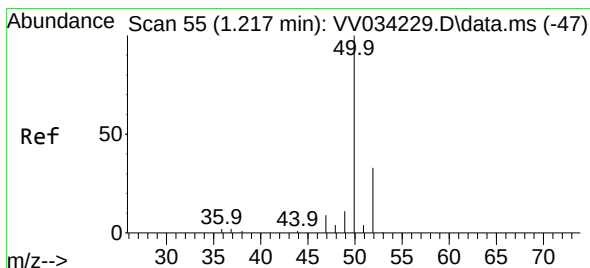
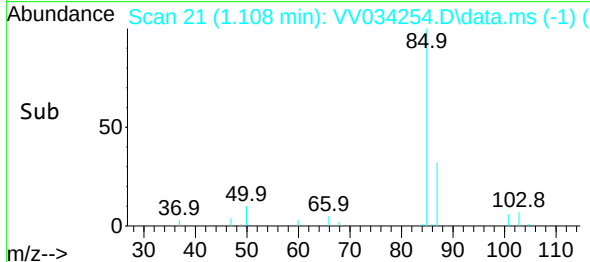
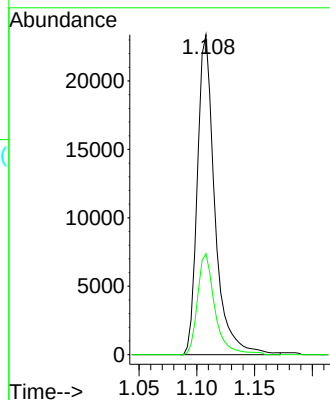
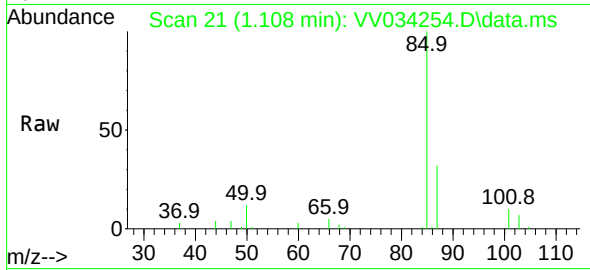
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 3.785 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034254.D
 Acq: 19 Feb 2024 19:35

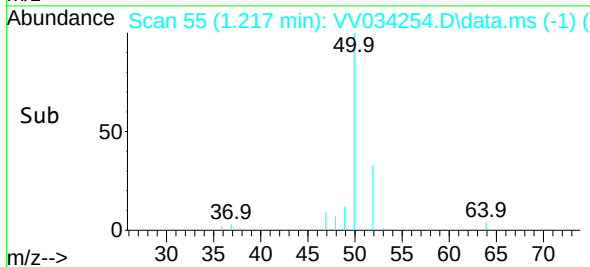
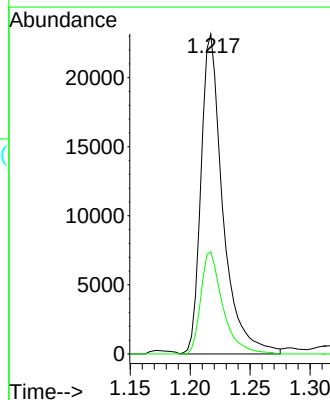
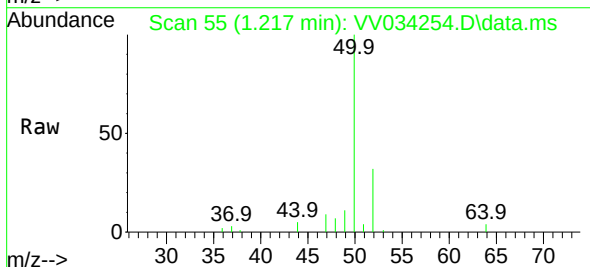
Instrument :
 MSVOA_V
 ClientSampleId :
 DCNB1MSD

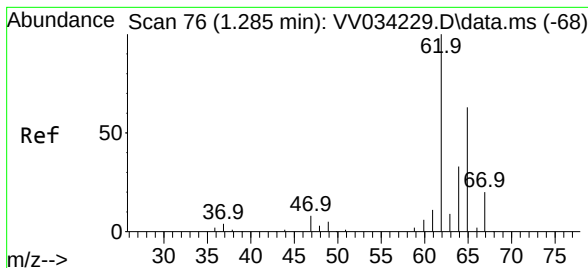
Tgt Ion: 85 Resp: 24564
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.2 39.4



#3
 Chloromethane
 Concen: 4.158 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV034254.D
 Acq: 19 Feb 2024 19:35

Tgt Ion: 50 Resp: 29431
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.4 43.4

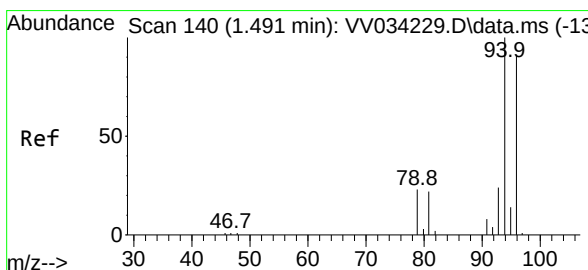
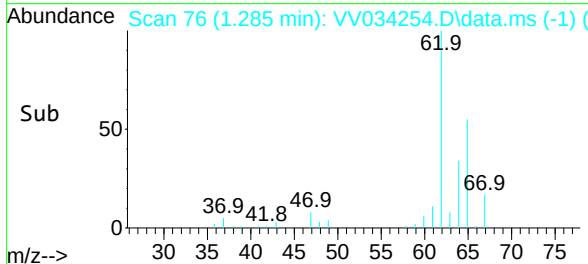
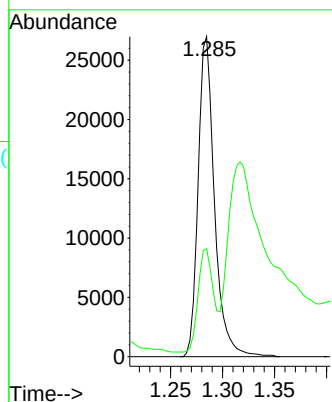
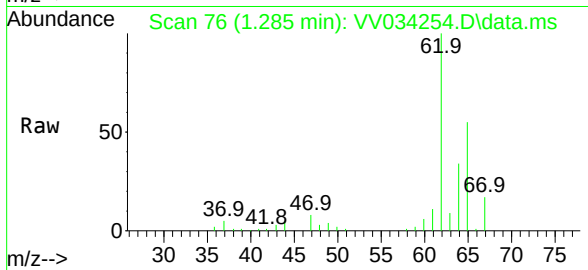




#5
 Vinyl chloride
 Concen: 4.359 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV034254.D
 Acq: 19 Feb 2024 19:35

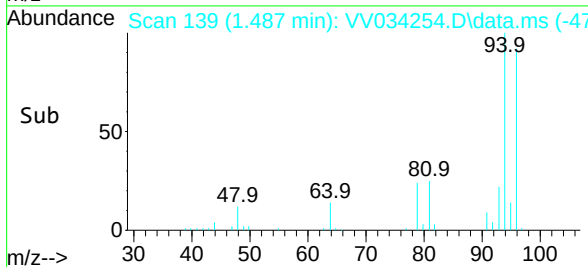
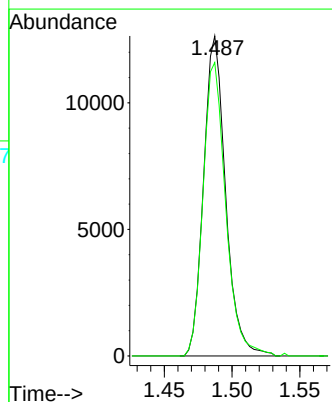
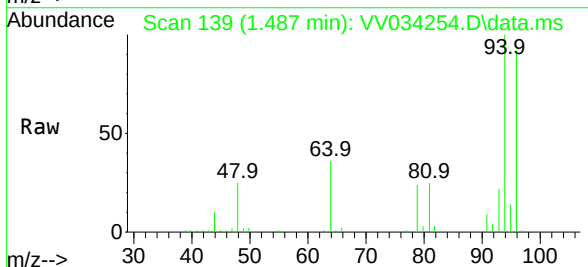
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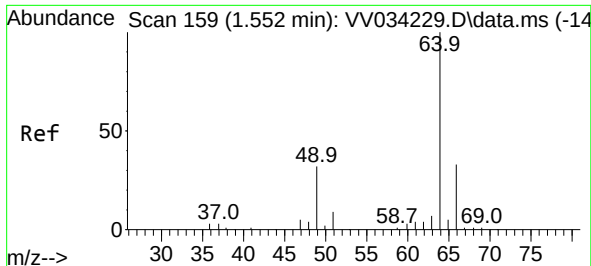
Tgt Ion: 62 Resp: 29486
 Ion Ratio Lower Upper
 62 100
 64 33.7 27.2 50.4



#6
 Bromomethane
 Concen: 4.006 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV034254.D
 Acq: 19 Feb 2024 19:35

Tgt Ion: 94 Resp: 14271
 Ion Ratio Lower Upper
 94 100
 96 91.7 66.6 123.8

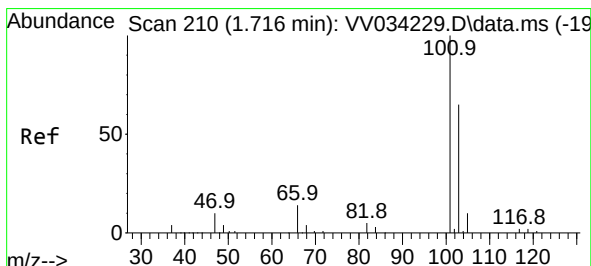
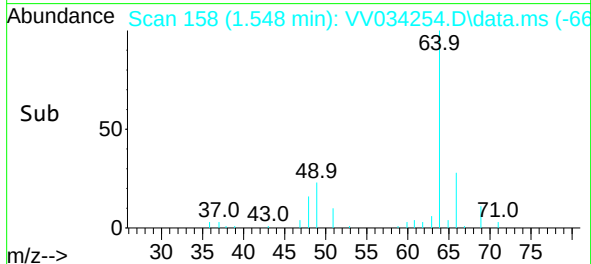
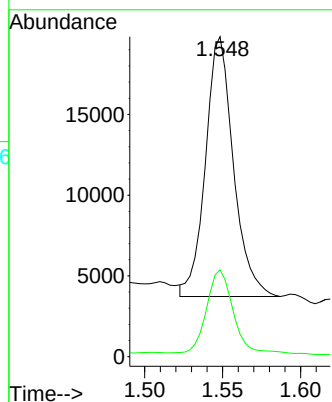
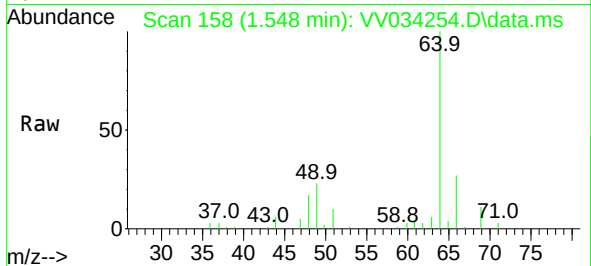




#8
Chloroethane
Concen: 4.334 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

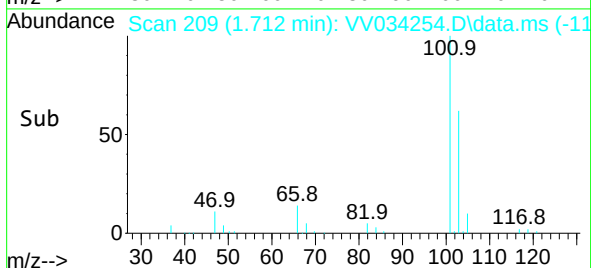
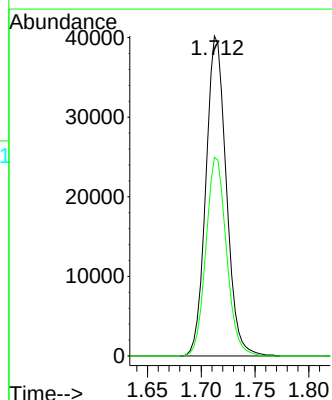
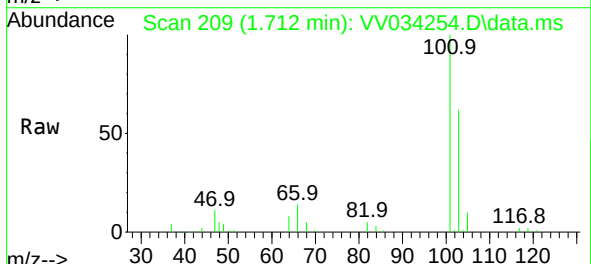
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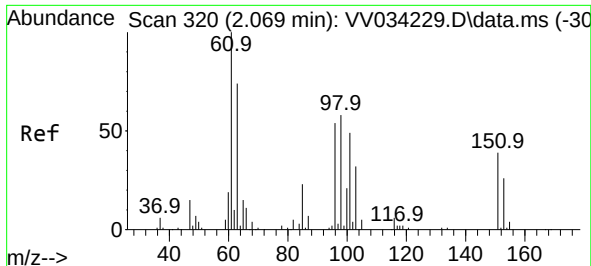
Tgt Ion: 64 Resp: 19998
Ion Ratio Lower Upper
64 100
66 27.1 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.443 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Tgt Ion:101 Resp: 53062
Ion Ratio Lower Upper
101 100
103 62.5 51.0 76.4

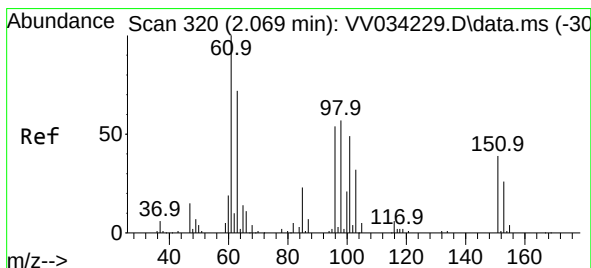
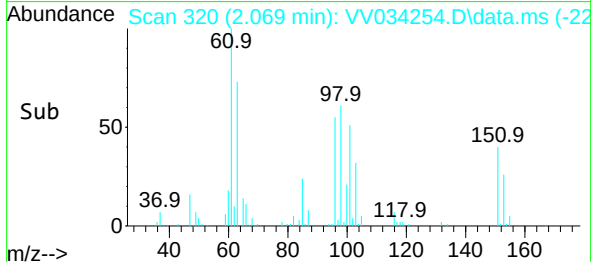
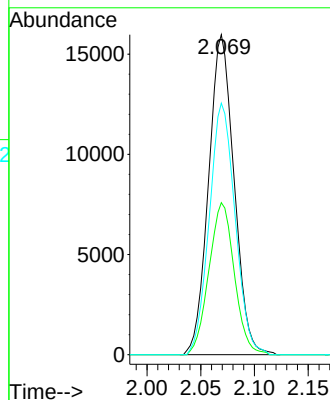
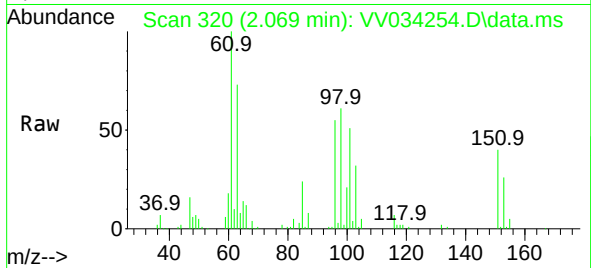




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.168 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034254.D
 Acq: 19 Feb 2024 19:35

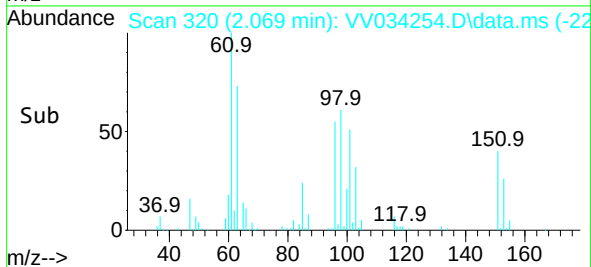
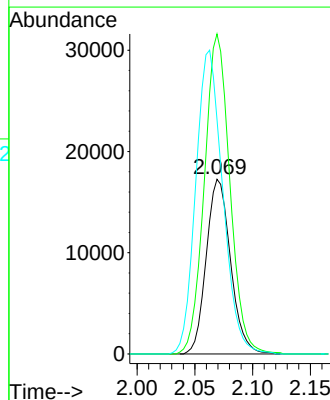
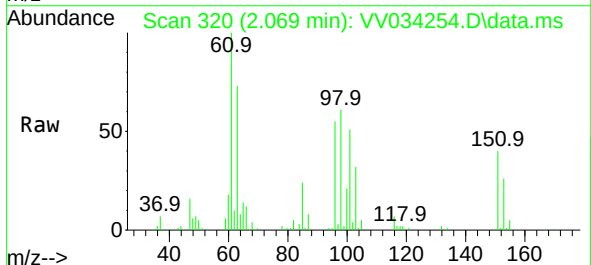
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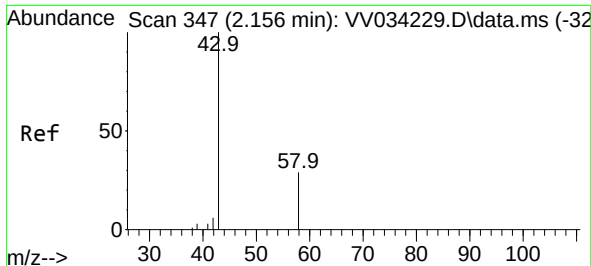
Tgt Ion:101 Resp: 26333
 Ion Ratio Lower Upper
 101 100
 85 47.4 37.1 55.7
 151 79.7 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.109 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034254.D
 Acq: 19 Feb 2024 19:35

Tgt Ion: 96 Resp: 25273
 Ion Ratio Lower Upper
 96 100
 61 183.1 128.8 239.2
 63 134.2 97.9 181.9





#13

Acetone

Concen: 51.435 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.039 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

Instrument :

MSVOA_V

ClientSampleId :

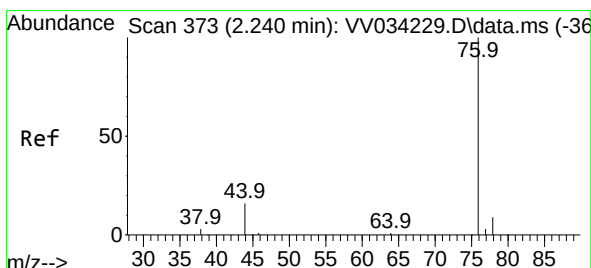
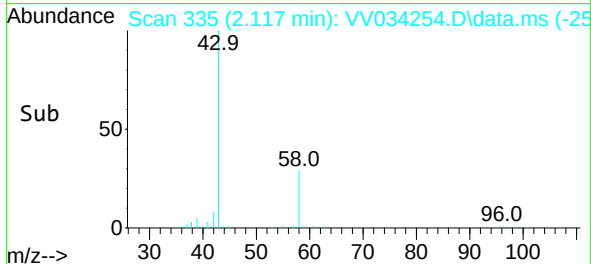
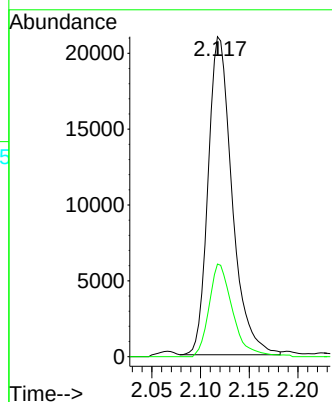
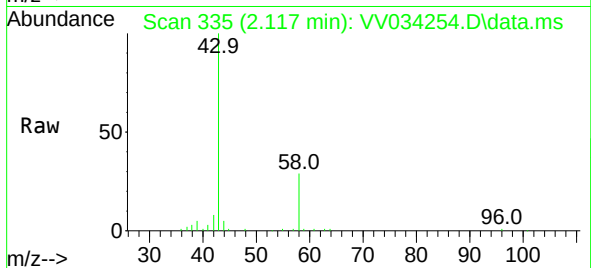
DCNB1MSD

Tgt Ion: 43 Resp: 35943

Ion Ratio Lower Upper

43 100

58 28.7 0.0 13.8#



#14

Carbon disulfide

Concen: 4.655 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034254.D

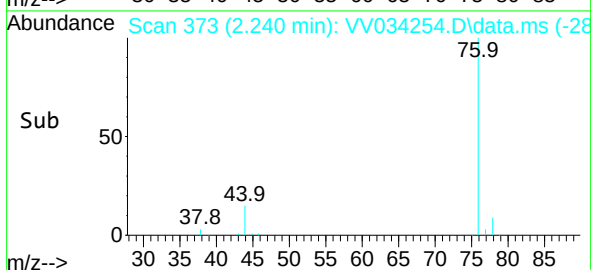
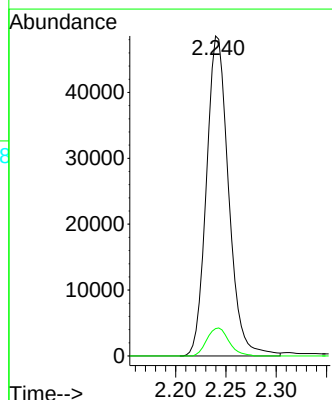
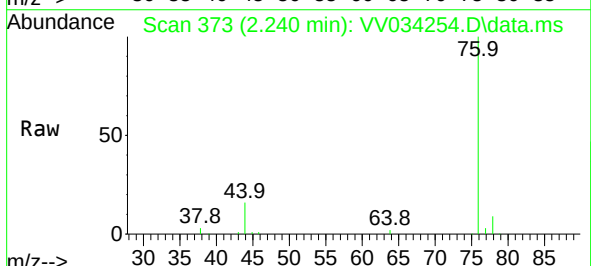
Acq: 19 Feb 2024 19:35

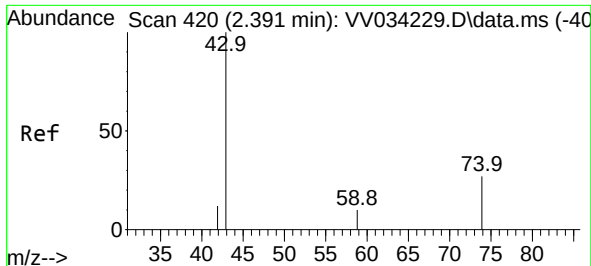
Tgt Ion: 76 Resp: 74511

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

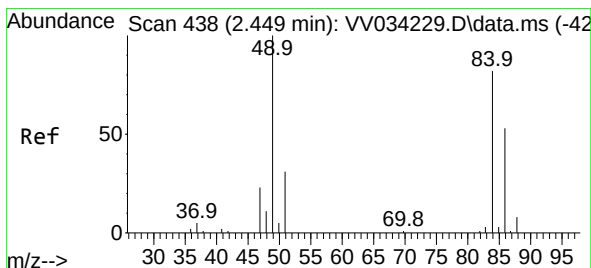
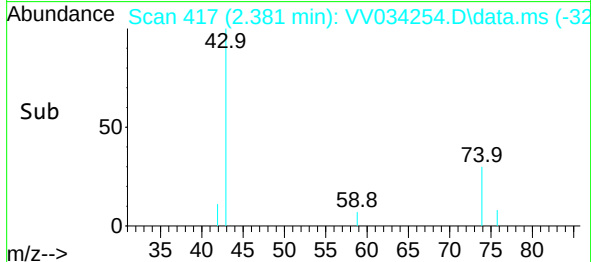
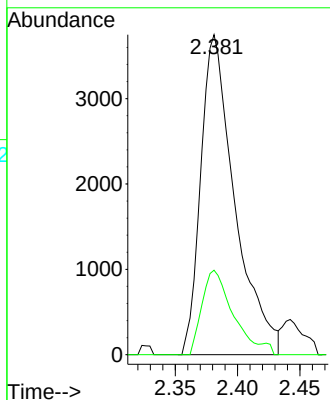
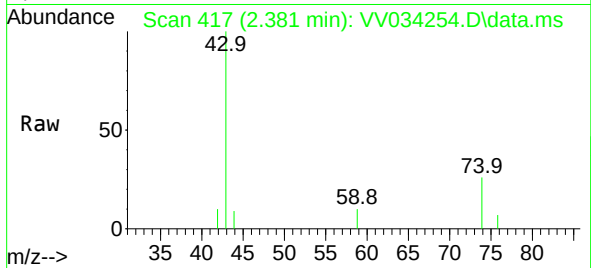




#15
Methyl Acetate
Concen: 4.314 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.010 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

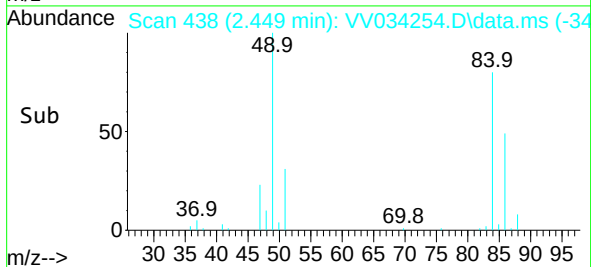
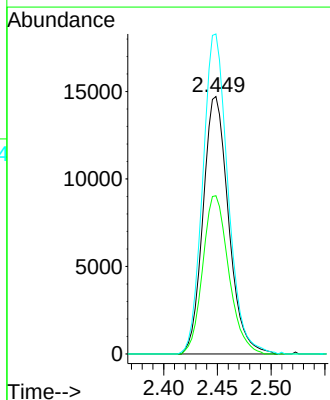
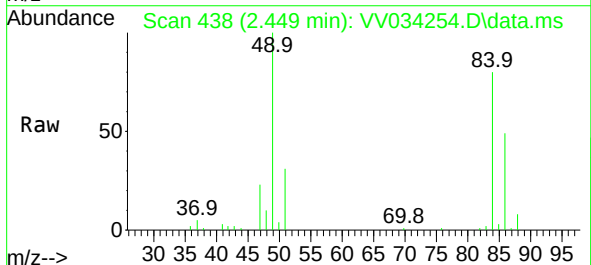
Instrument :
MSVOA_V
ClientSampleId :
DCNB1MSD

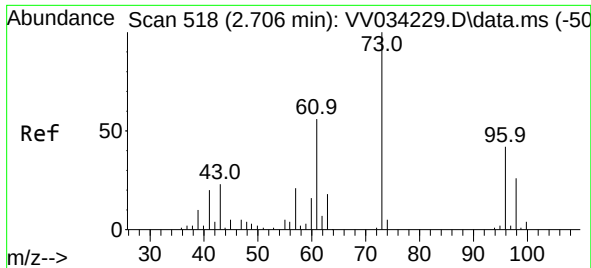
Tgt Ion: 43 Resp: 7135
Ion Ratio Lower Upper
43 100
74 24.4 18.2 27.4



#16
Methylene chloride
Concen: 5.118 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Tgt Ion: 84 Resp: 24293
Ion Ratio Lower Upper
84 100
86 61.5 44.7 83.1
49 124.3 93.7 173.9

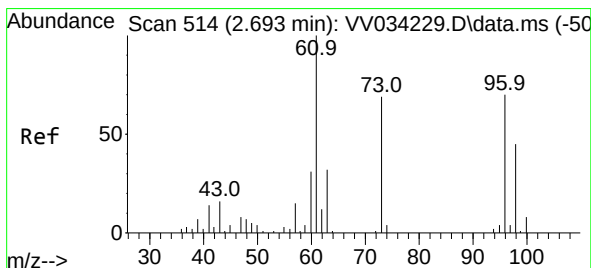
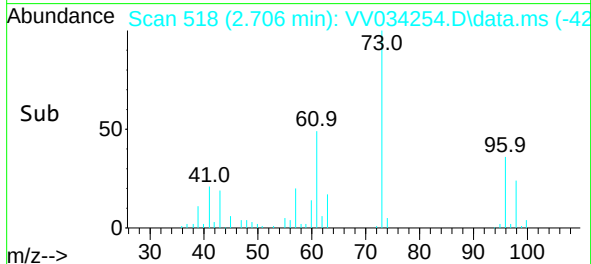
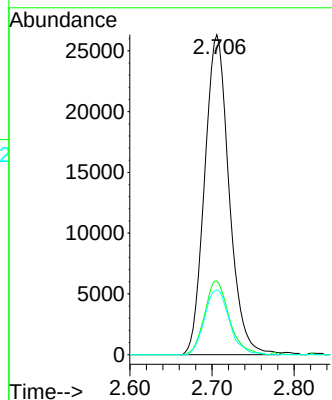
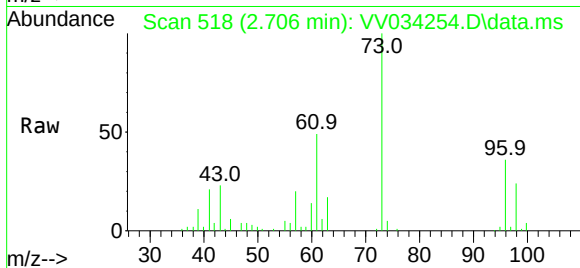




#17
Methyl tert-butyl Ether
Concen: 5.365 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

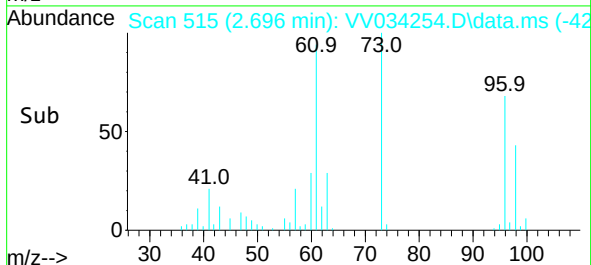
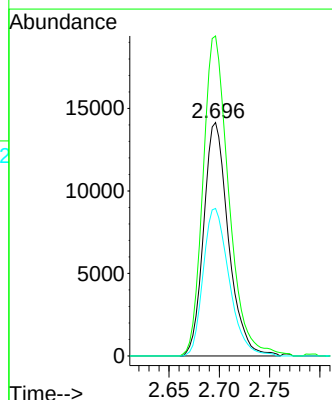
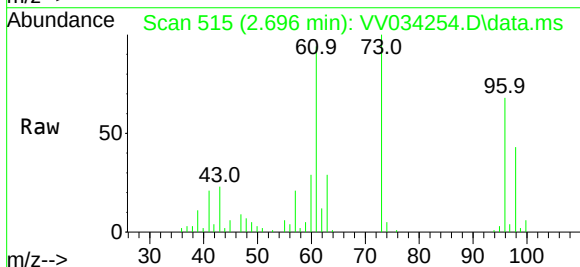
Instrument :
MSVOA_V
ClientSampleId :
DCNB1MSD

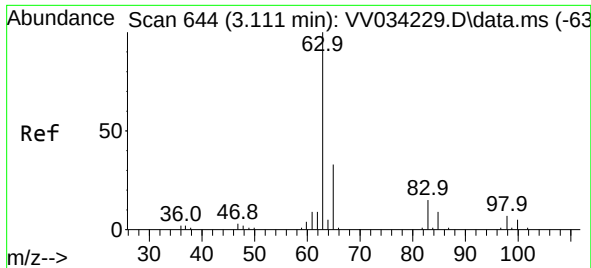
Tgt Ion: 73	Resp: 54529
Ion Ratio	Lower Upper
73 100	
43 23.1	17.7 26.5
57 20.6	17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.826 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Tgt Ion: 96	Resp: 24318
Ion Ratio	Lower Upper
96 100	
61 137.1	97.6 181.4
98 63.2	44.4 82.5





#19

1,1-Dichloroethane

Concen: 4.872 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

Instrument :

MSVOA_V

ClientSampleId :

DCNB1MSD

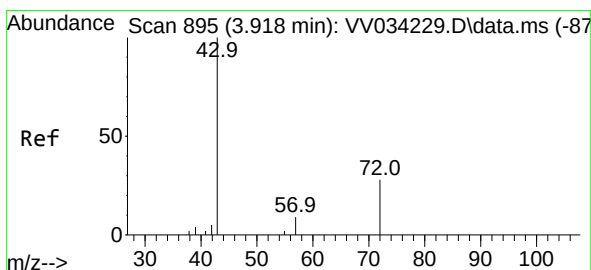
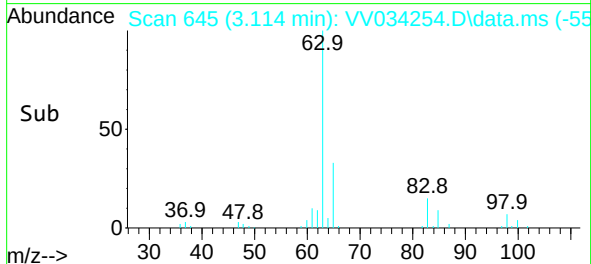
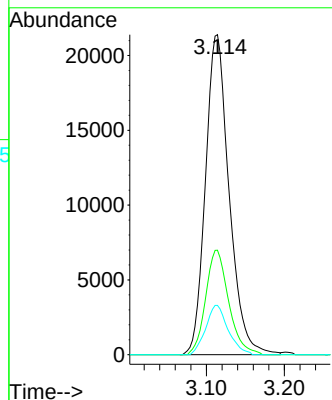
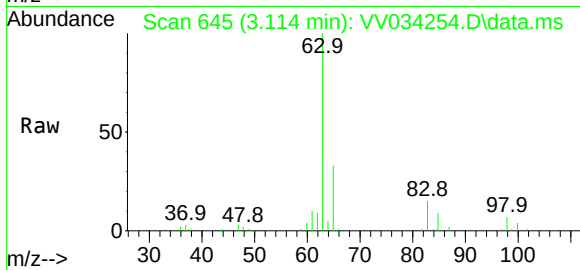
Tgt Ion: 63 Resp: 45114

Ion Ratio Lower Upper

63 100

65 32.7 20.8 38.6

83 15.4 9.4 17.4



#21

2-Butanone

Concen: 50.464 ug/L

RT: 3.876 min Scan# 882

Delta R.T. -0.042 min

Lab File: VV034254.D

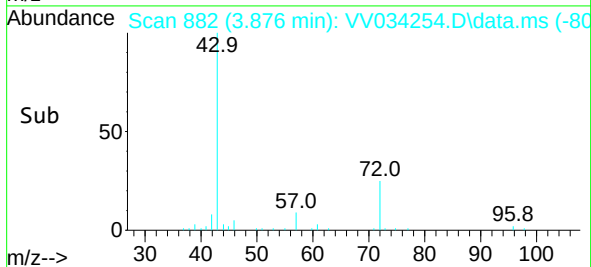
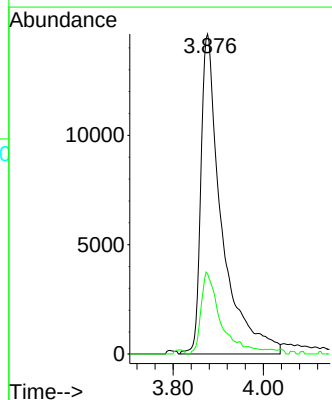
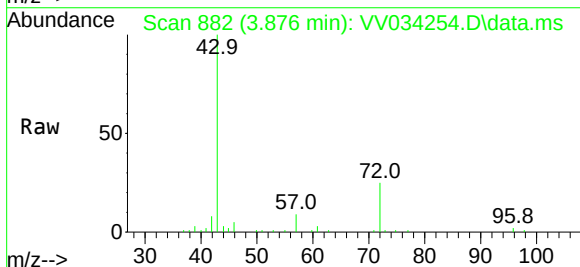
Acq: 19 Feb 2024 19:35

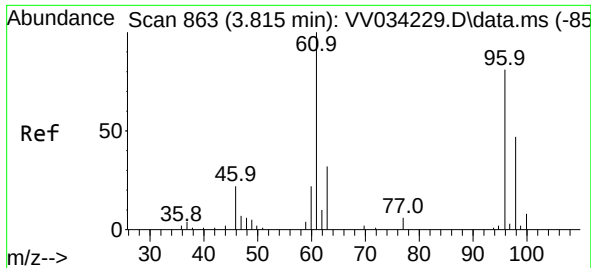
Tgt Ion: 43 Resp: 46602

Ion Ratio Lower Upper

43 100

72 22.8 4.0 11.9#

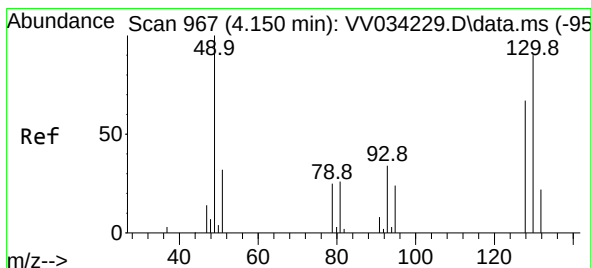
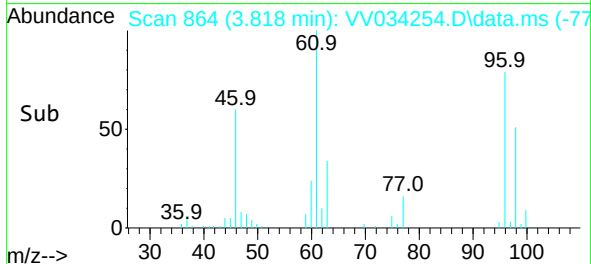
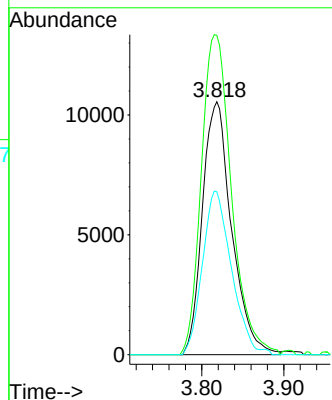
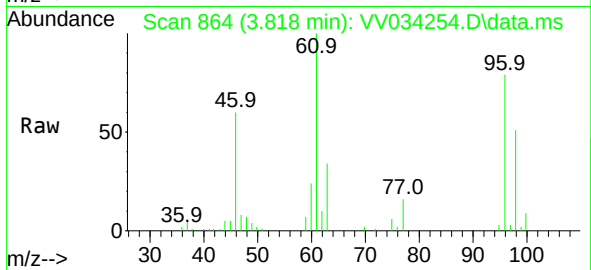




#22
 cis-1,2-Dichloroethene
 Concen: 4.572 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV034254.D
 Acq: 19 Feb 2024 19:35

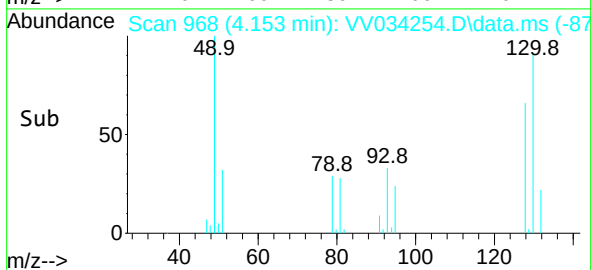
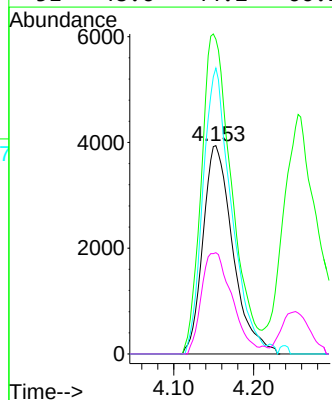
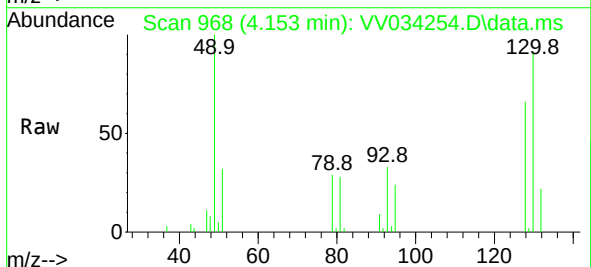
Instrument :
 MSVOA_V
 ClientSampleId :
 DCNB1MSD

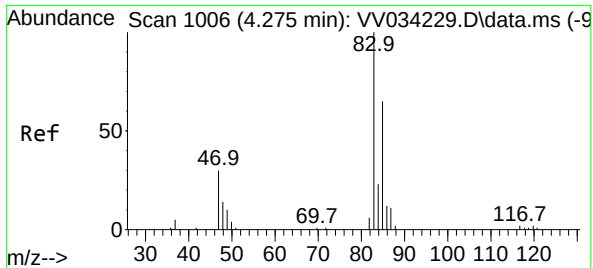
Tgt Ion: 96 Resp: 26138
 Ion Ratio Lower Upper
 96 100
 61 126.2 90.3 167.7
 98 64.4 43.2 80.2



#23
 Bromochloromethane
 Concen: 5.138 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV034254.D
 Acq: 19 Feb 2024 19:35

Tgt Ion: 128 Resp: 10212
 Ion Ratio Lower Upper
 128 100
 49 151.1 120.5 223.7
 130 137.2 93.4 173.4
 51 48.6 44.2 66.2

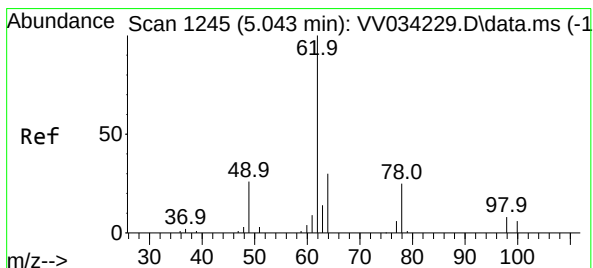
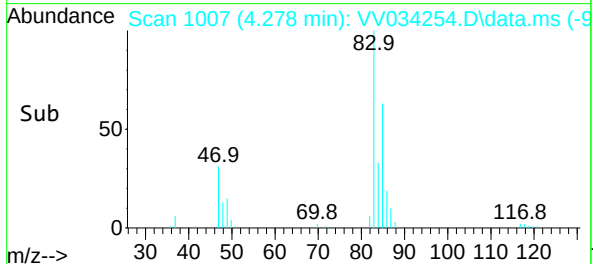
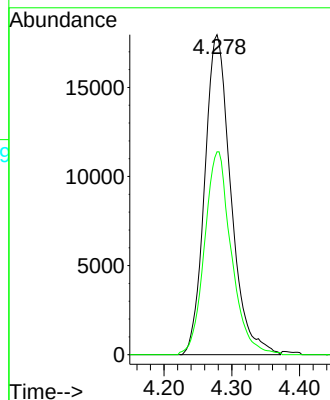
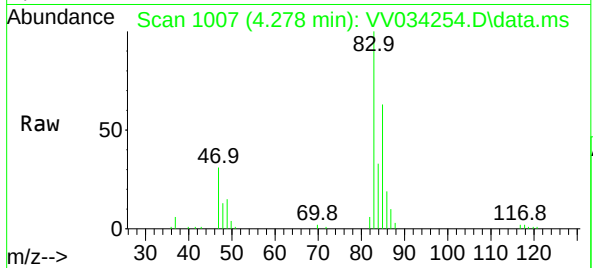




#25
Chloroform
Concen: 5.148 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

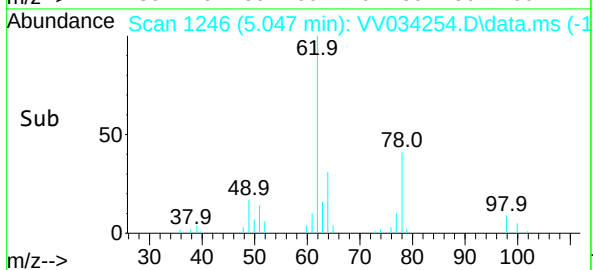
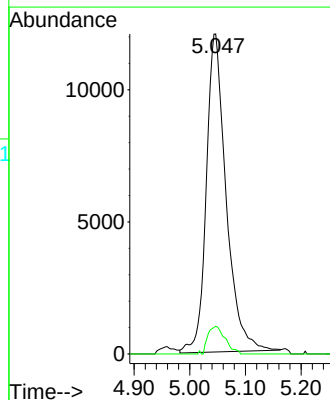
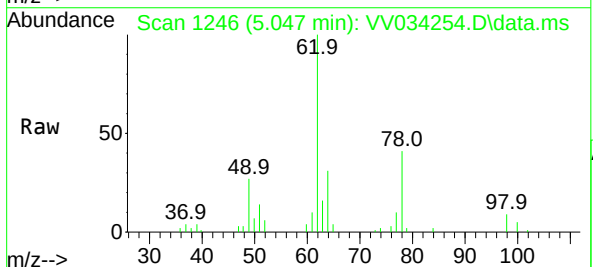
Instrument :
MSVOA_V
ClientSampleId :
DCNB1MSD

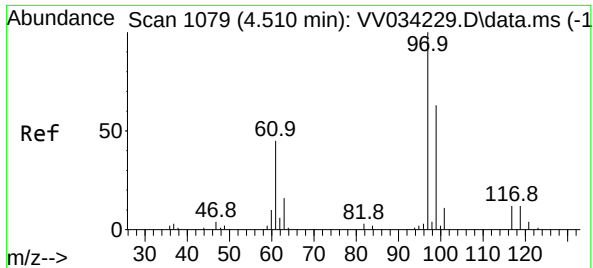
Tgt Ion: 83 Resp: 48187
Ion Ratio Lower Upper
83 100
85 63.4 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.574 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Tgt Ion: 62 Resp: 29872
Ion Ratio Lower Upper
62 100
98 8.6 6.9 10.3

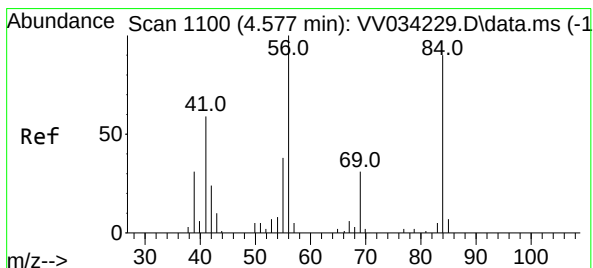
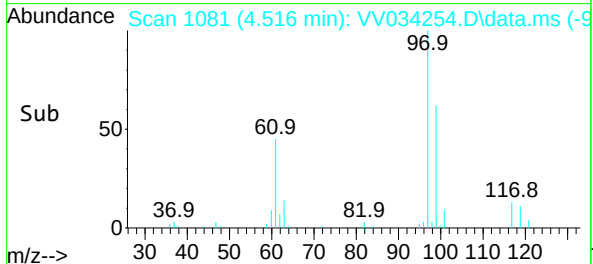
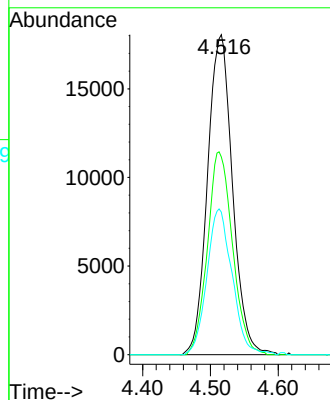
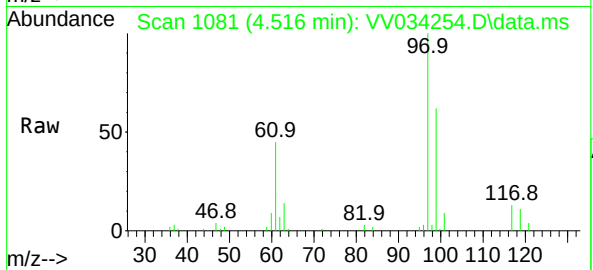




#29
1,1,1-Trichloroethane
Concen: 5.240 ug/L
RT: 4.516 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

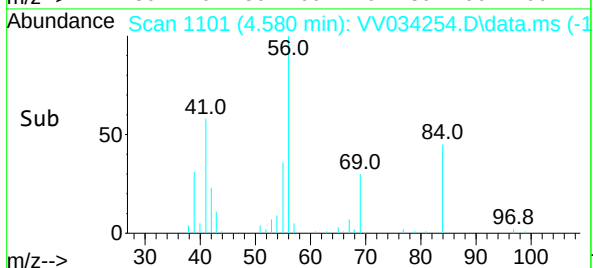
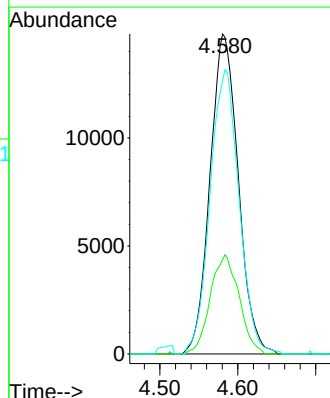
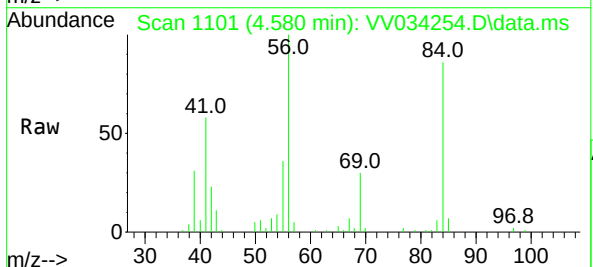
Instrument :
MSVOA_V
ClientSampleId :
DCNB1MSD

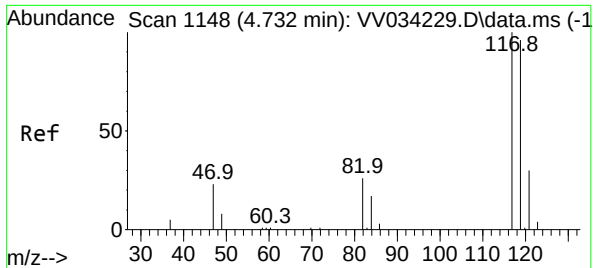
Tgt Ion:	97	Resp:	46264
Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.6	75.8
61	46.0	36.8	55.2



#30
Cyclohexane
Concen: 4.348 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Tgt Ion:	56	Resp:	37333
Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.2	36.2
84	91.1	70.0	105.0

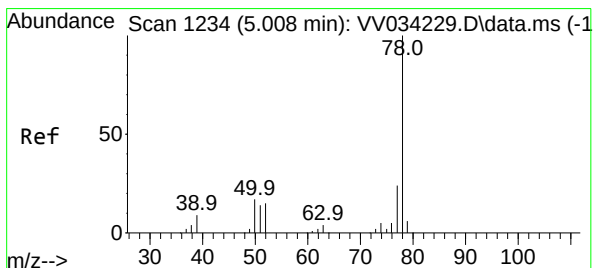
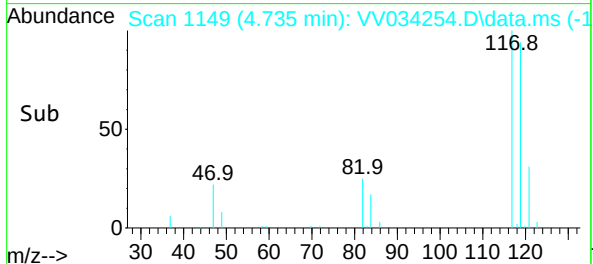
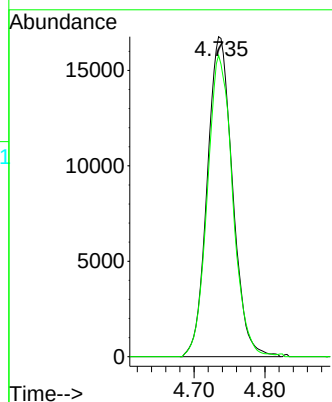
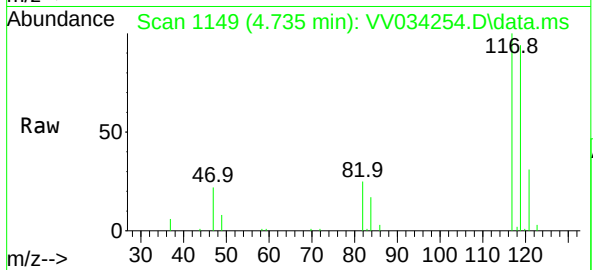




#31
Carbon tetrachloride
Concen: 5.376 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

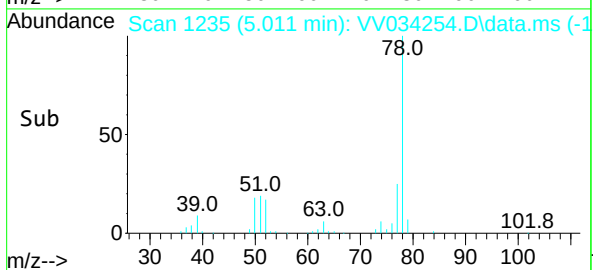
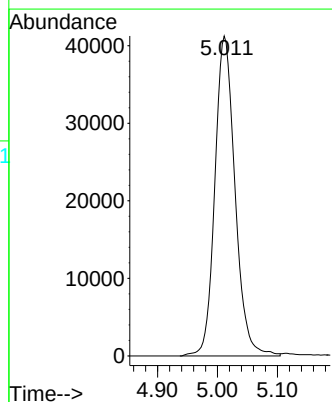
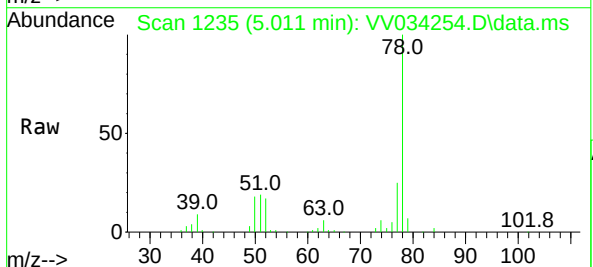
Instrument :
MSVOA_V
ClientSampleId :
DCNB1MSD

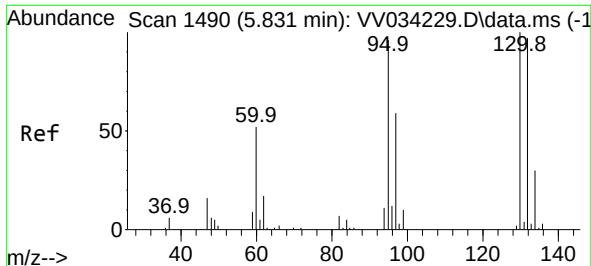
Tgt Ion:117 Resp: 41535
Ion Ratio Lower Upper
117 100
119 94.2 76.1 114.1



#33
Benzene
Concen: 4.876 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Tgt Ion: 78 Resp: 96174



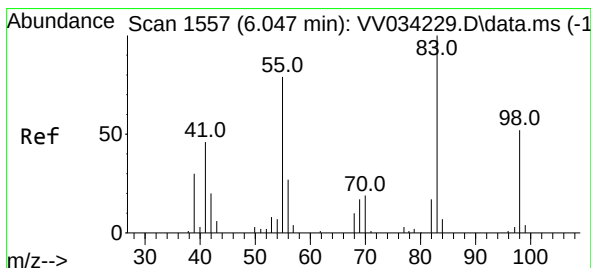
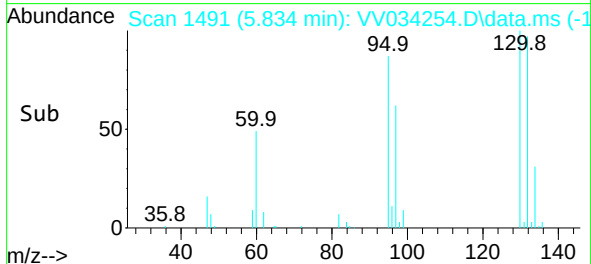
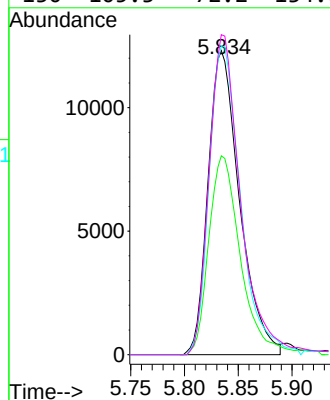
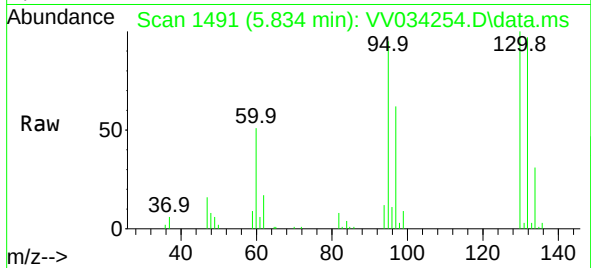


#34
Trichloroethene
Concen: 4.399 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Instrument :
MSVOA_V
ClientSampleId :
DCNB1MSD

Tgt Ion: 95 Resp: 25111

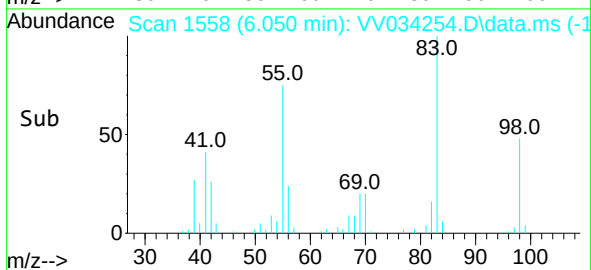
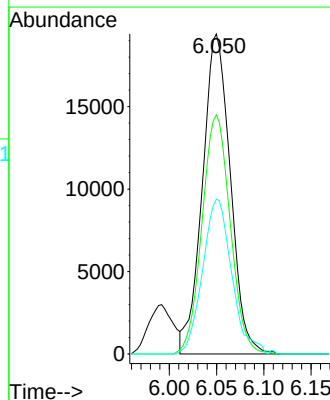
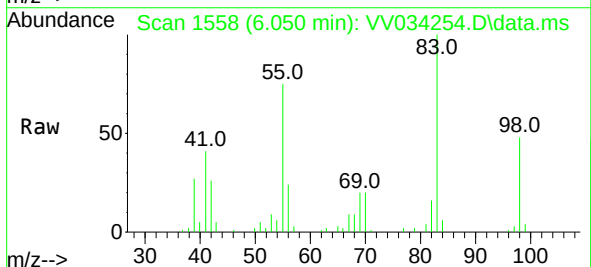
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.1	83.7
132	101.7	66.0	122.6
130	105.3	72.2	134.0

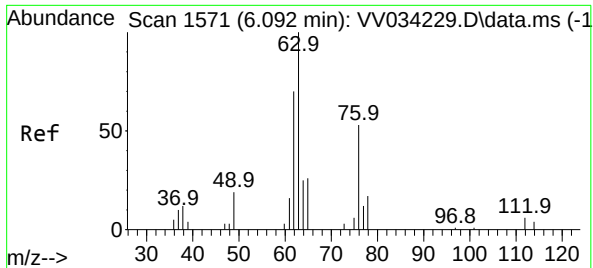


#35
Methylcyclohexane
Concen: 4.452 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Tgt Ion: 83 Resp: 39888

Ion	Ratio	Lower	Upper
83	100		
55	75.4	63.5	95.3
98	50.3	39.0	58.4





#37

1,2-Dichloropropane

Concen: 4.719 ug/L

RT: 6.095 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

Instrument :

MSVOA_V

ClientSampleId :

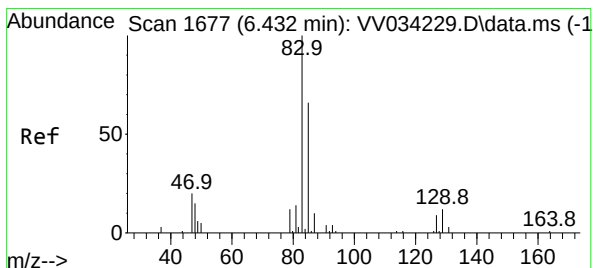
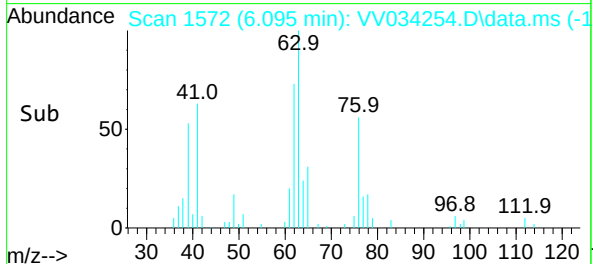
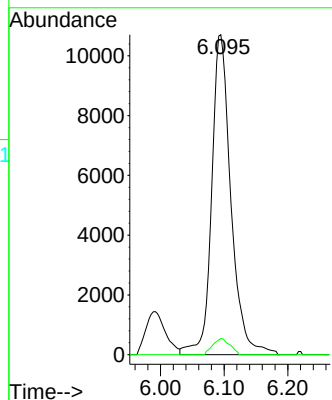
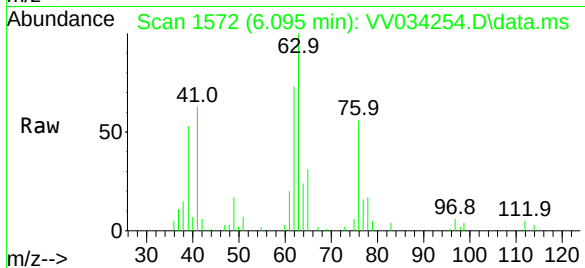
DCNB1MSD

Tgt Ion: 63 Resp: 22547

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.0



#38

Bromodichloromethane

Concen: 5.035 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

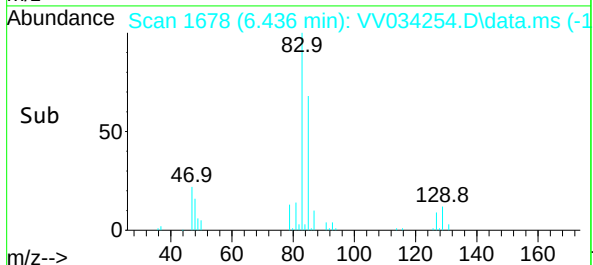
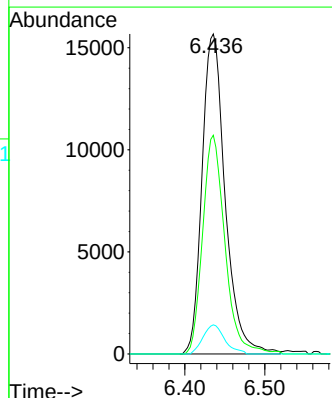
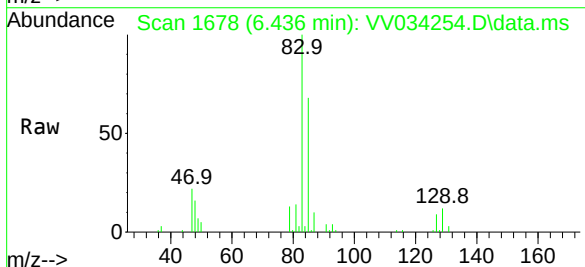
Tgt Ion: 83 Resp: 31578

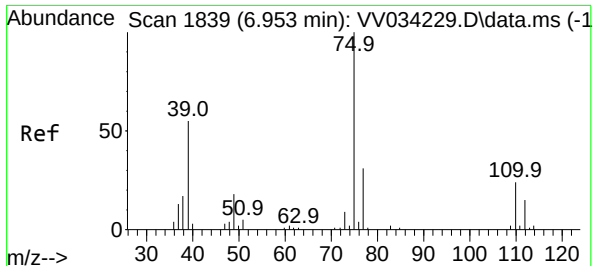
Ion Ratio Lower Upper

83 100

85 68.3 45.4 84.2

127 9.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.442 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

Instrument :

MSVOA_V

ClientSampleId :

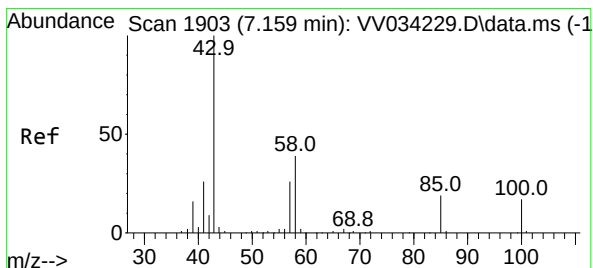
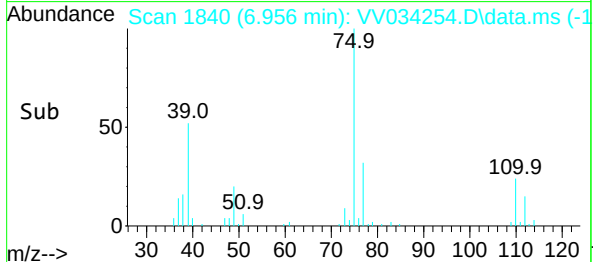
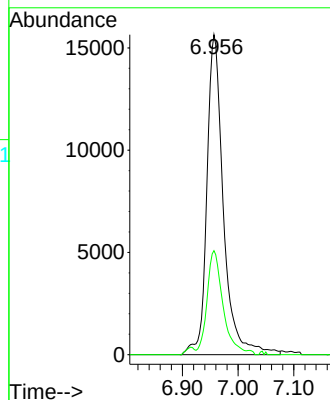
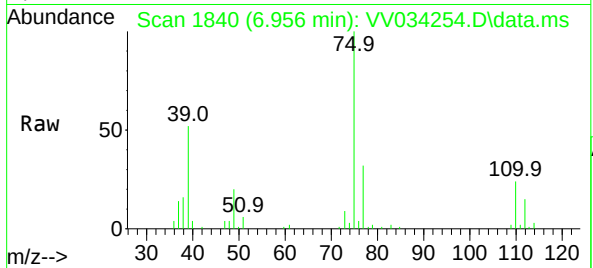
DCNB1MSD

Tgt Ion: 75 Resp: 32293

Ion Ratio Lower Upper

75 100

77 32.5 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 51.017 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

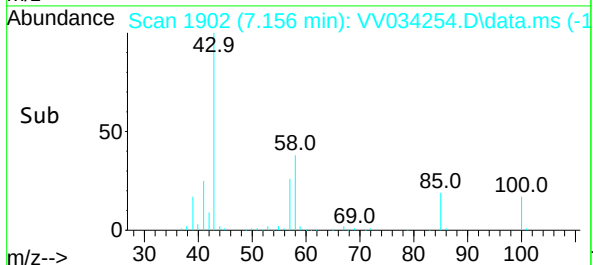
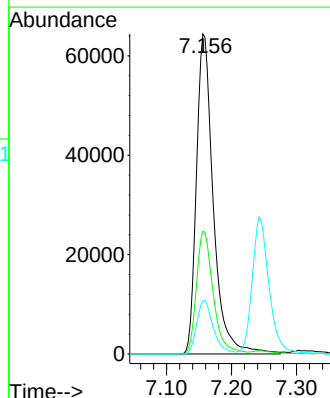
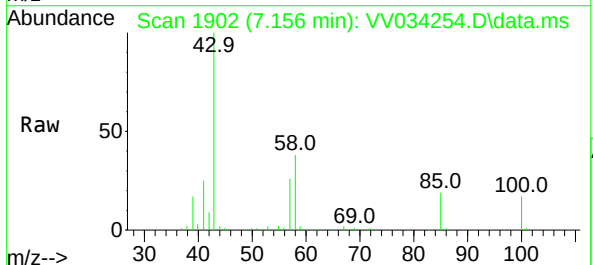
Tgt Ion: 43 Resp: 116724

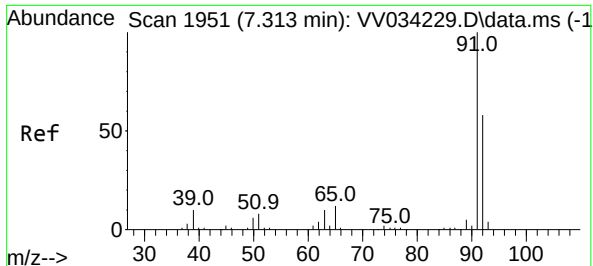
Ion Ratio Lower Upper

43 100

58 38.1 30.2 45.2

100 16.4 12.1 18.1





#42

Toluene

Concen: 4.987 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

Instrument :

MSVOA_V

ClientSampleId :

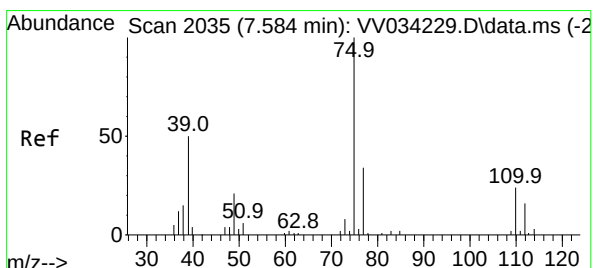
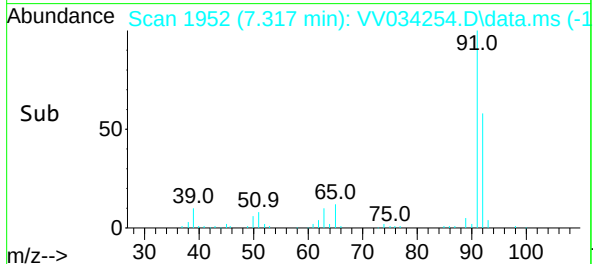
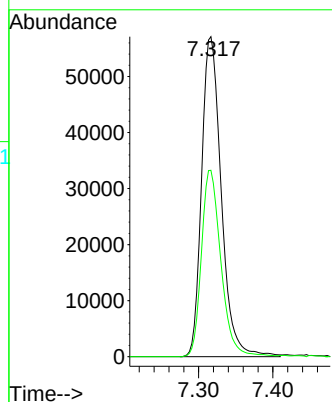
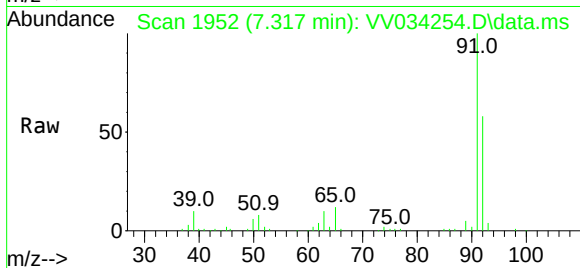
DCNB1MSD

Tgt Ion: 91 Resp: 105124

Ion Ratio Lower Upper

91 100

92 58.2 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.592 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034254.D

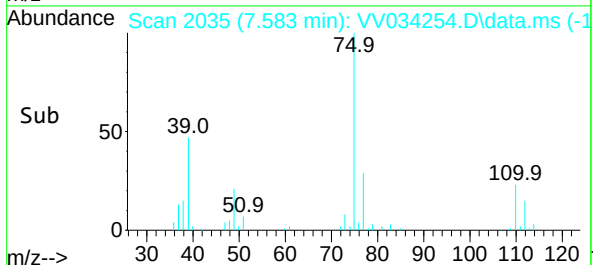
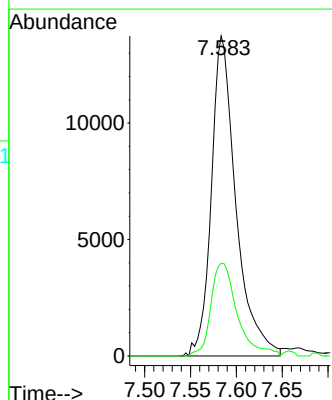
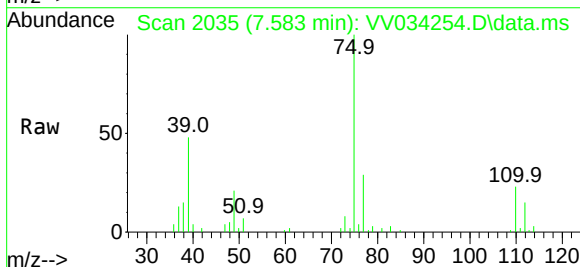
Acq: 19 Feb 2024 19:35

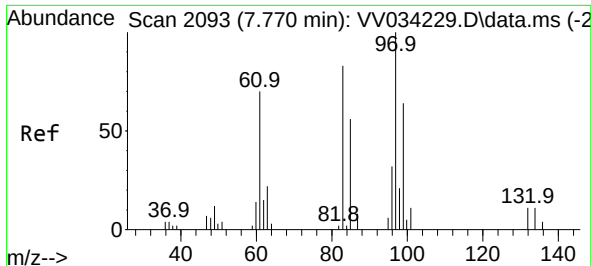
Tgt Ion: 75 Resp: 25630

Ion Ratio Lower Upper

75 100

77 29.0 22.2 41.2



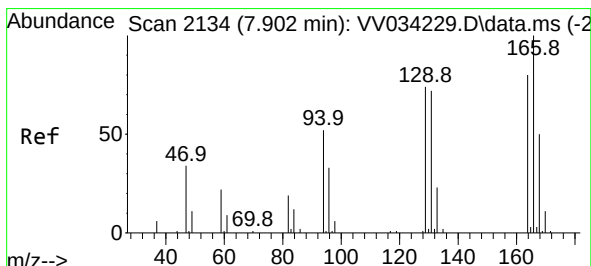
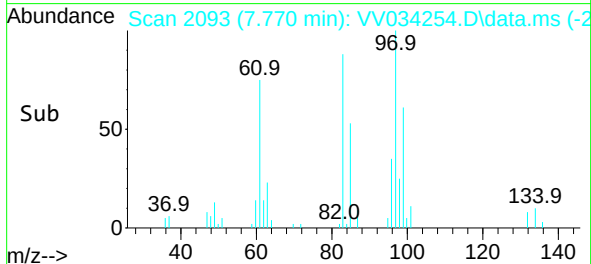
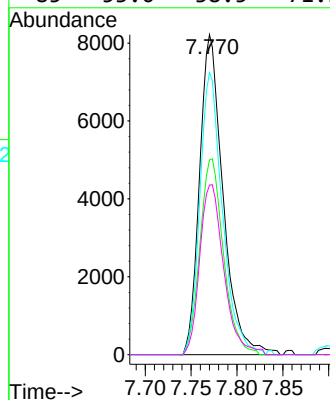
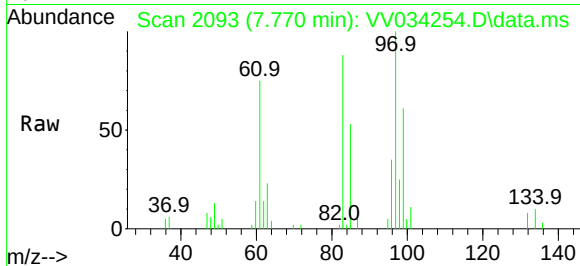


#45
1,1,2-Trichloroethane
Concen: 4.970 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Instrument :
MSVOA_V
ClientSampleId :
DCNB1MSD

Tgt Ion: 97 Resp: 14664

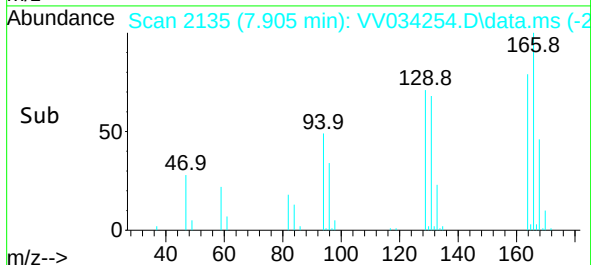
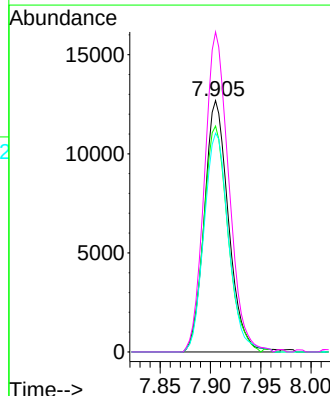
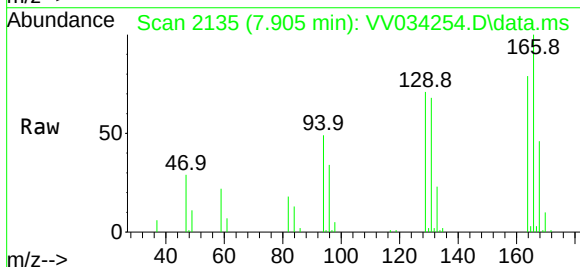
Ion	Ratio	Lower	Upper
97	100		
99	60.9	45.6	84.6
83	88.1	62.3	115.7
85	53.0	38.5	71.5

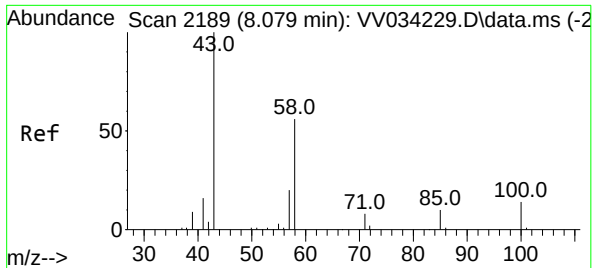


#47
Tetrachloroethene
Concen: 4.578 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Tgt Ion: 164 Resp: 21235

Ion	Ratio	Lower	Upper
164	100		
129	89.9	67.8	125.8
131	87.0	63.0	117.0
166	127.3	92.6	172.0

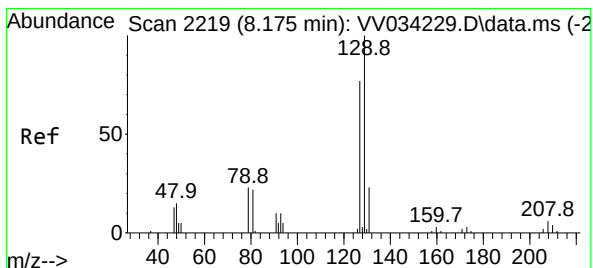
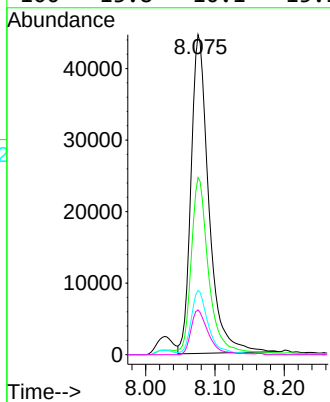
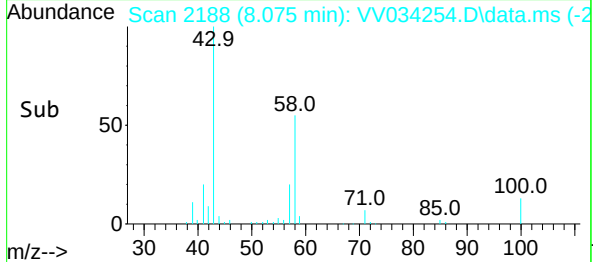
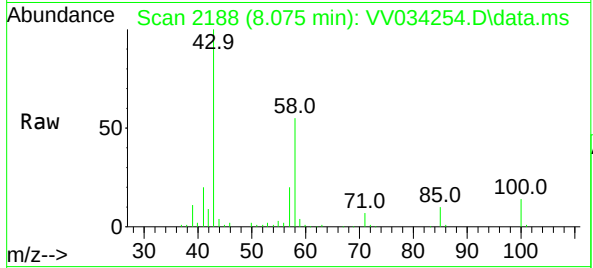




#48
2-Hexanone
Concen: 49.434 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

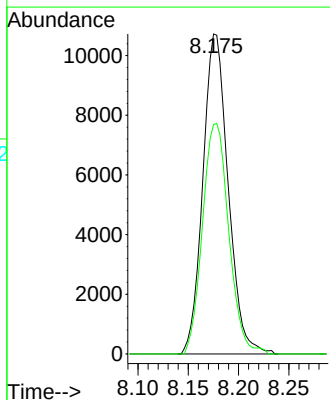
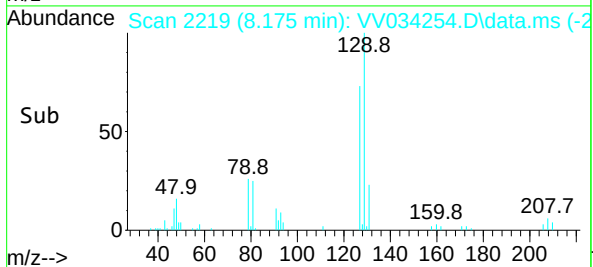
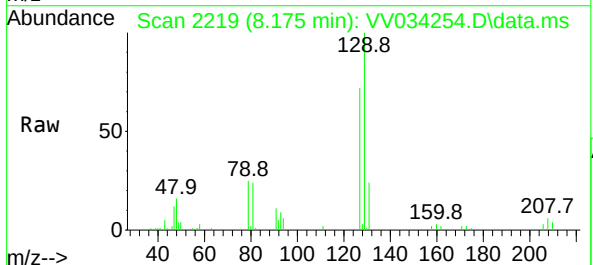
Instrument :
MSVOA_V
ClientSampleId :
DCNB1MSD

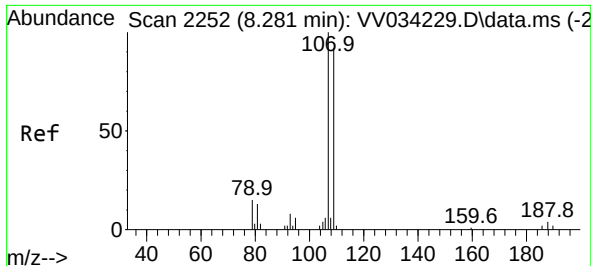
Tgt Ion: 43	Resp: 79725
Ion Ratio	Lower Upper
43 100	
58 54.3	42.6 64.0
57 19.1	15.5 23.3
100 13.8	10.1 15.1



#49
Dibromochloromethane
Concen: 5.354 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Tgt Ion:129	Resp: 18771		
Ion Ratio	Lower	Upper	
129 100			
127 71.7	53.5	99.5	





#50

1,2-Dibromoethane

Concen: 4.987 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

Instrument :

MSVOA_V

ClientSampleId :

DCNB1MSD

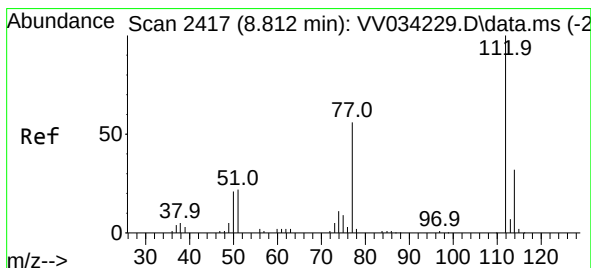
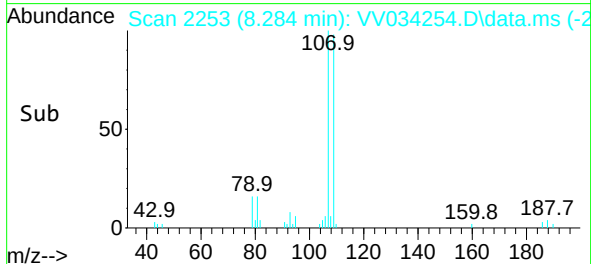
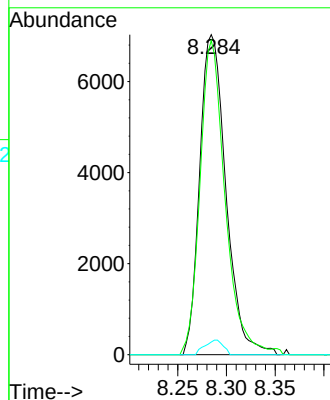
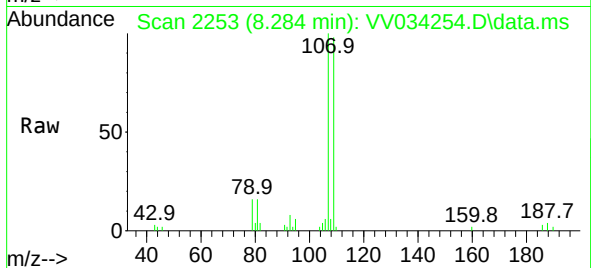
Tgt Ion:107 Resp: 13205

Ion Ratio Lower Upper

107 100

109 98.1 64.5 119.9

188 3.9 2.6 4.0



#51

Chlorobenzene

Concen: 4.987 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

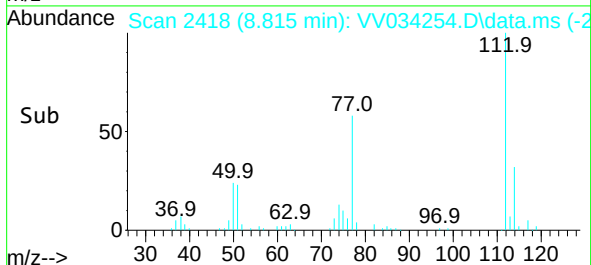
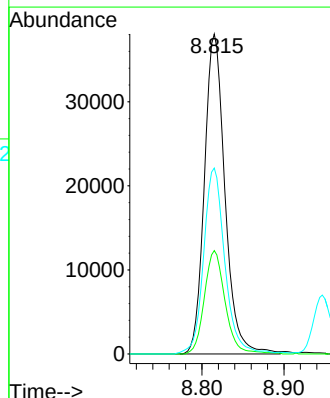
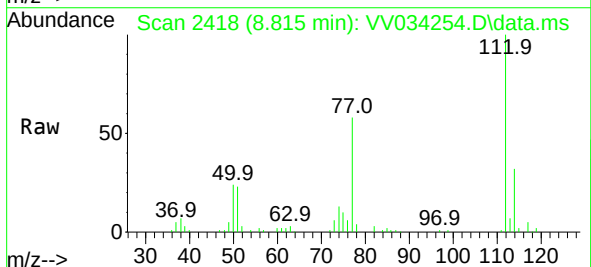
Tgt Ion:112 Resp: 66475

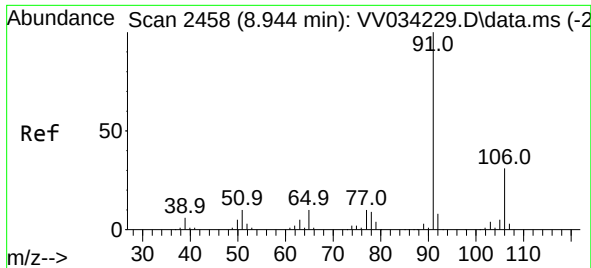
Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.7

77 58.1 48.1 72.1

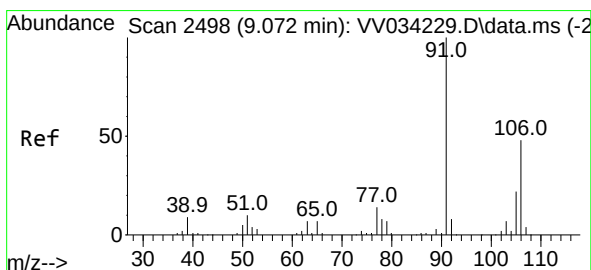
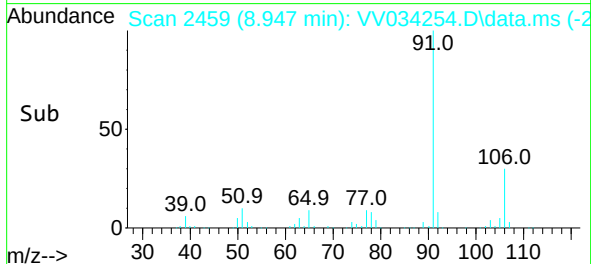
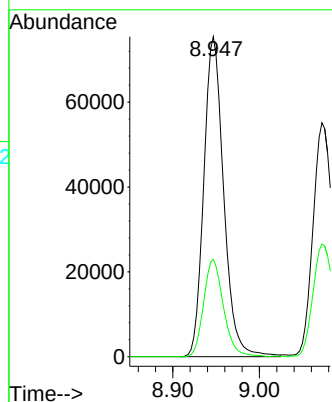
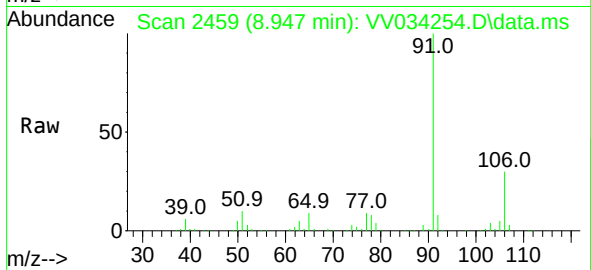




#52
Ethylbenzene
Concen: 4.959 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

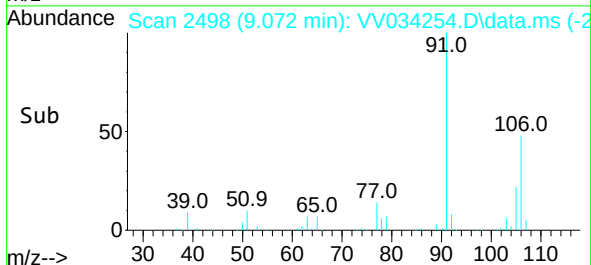
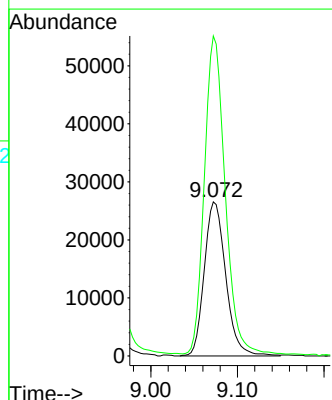
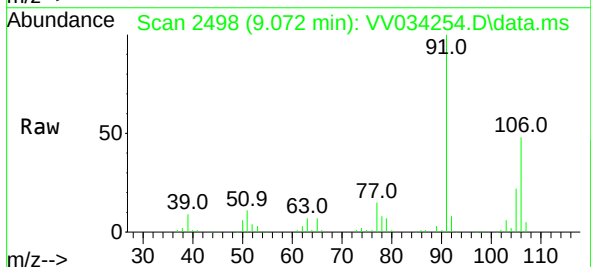
Instrument :
MSVOA_V
ClientSampleId :
DCNB1MSD

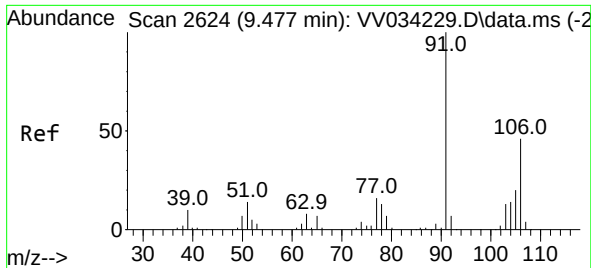
Tgt Ion: 91 Resp: 120336
Ion Ratio Lower Upper
91 100
106 30.4 21.4 39.8



#53
m,p-Xylene
Concen: 4.992 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Tgt Ion: 106 Resp: 45771
Ion Ratio Lower Upper
106 100
91 207.7 147.5 273.9

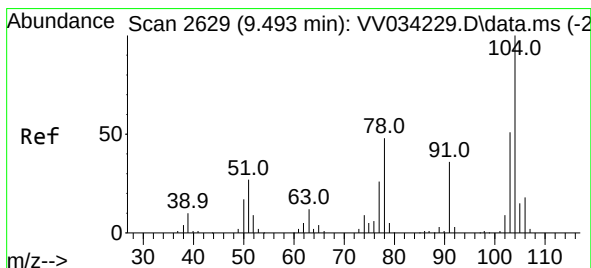
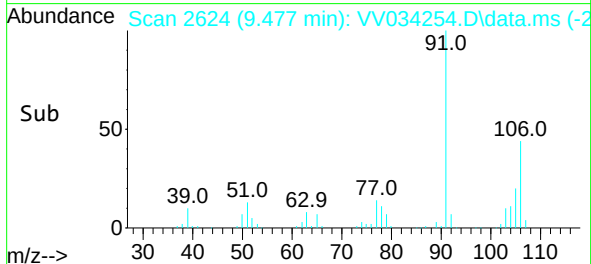
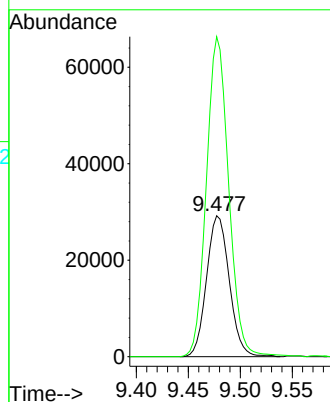
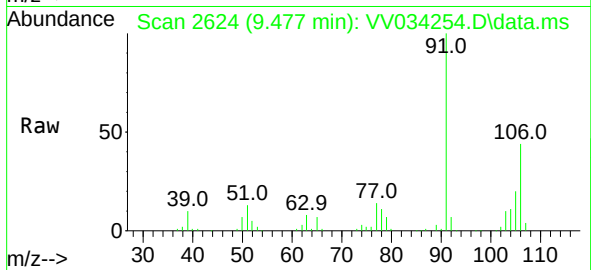




#54
o-Xylene
Concen: 5.036 ug/L
RT: 9.477 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

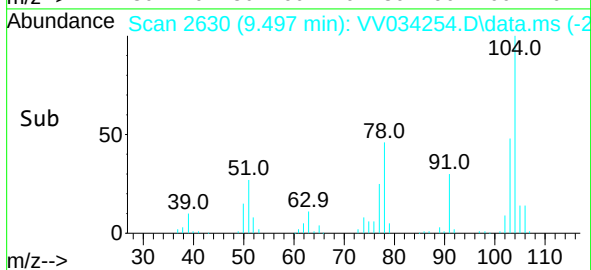
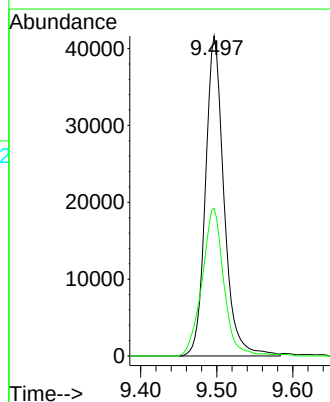
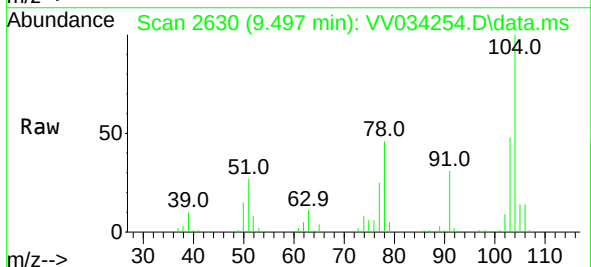
Instrument :
MSVOA_V
ClientSampleId :
DCNB1MSD

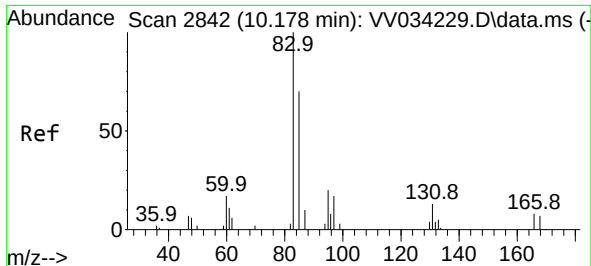
Tgt Ion:106 Resp: 44532
Ion Ratio Lower Upper
106 100
91 226.9 156.2 290.0



#55
Styrene
Concen: 4.990 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Tgt Ion:104 Resp: 70646
Ion Ratio Lower Upper
104 100
78 46.1 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.261 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.000 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

Instrument :

MSVOA_V

ClientSampleId :

DCNB1MSD

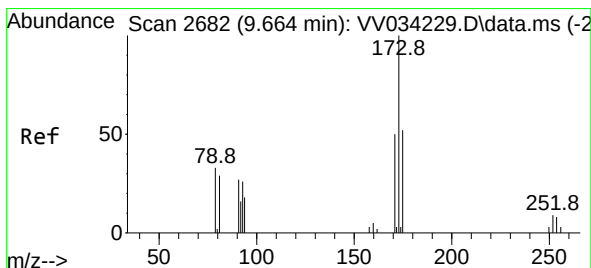
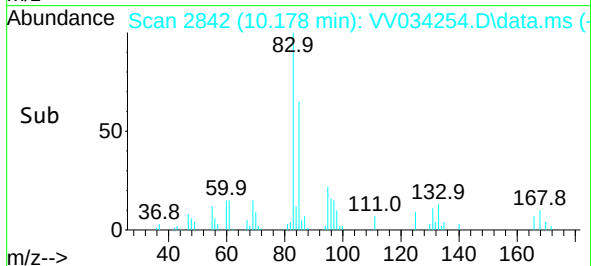
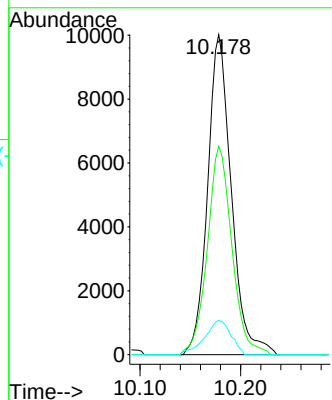
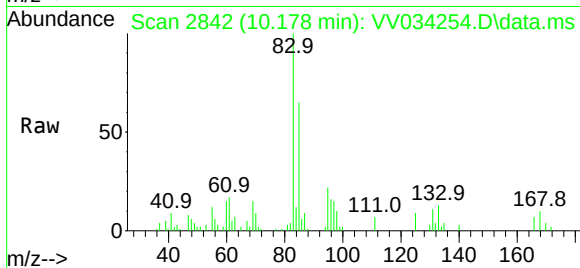
Tgt Ion: 83 Resp: 16383

Ion Ratio Lower Upper

83 100

85 65.1 46.5 86.3

131 10.7 8.4 12.6



#59

Bromoform

Concen: 4.904 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.003 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

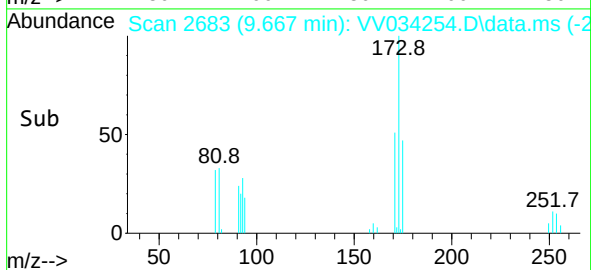
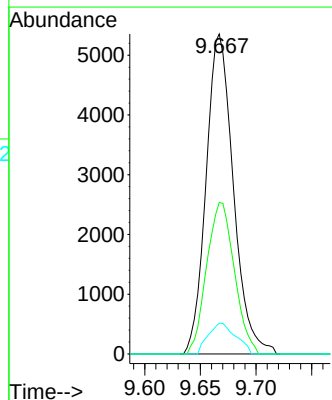
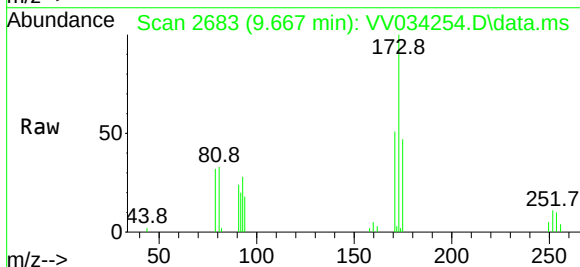
Tgt Ion: 173 Resp: 9122

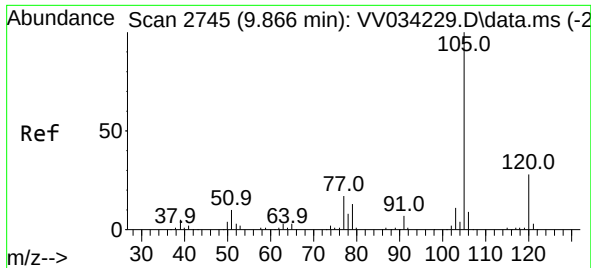
Ion Ratio Lower Upper

173 100

175 47.9 38.6 57.8

254 9.7 7.2 10.8

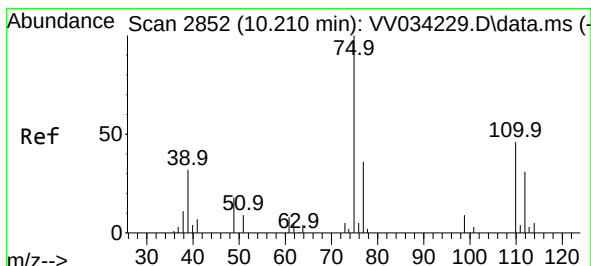
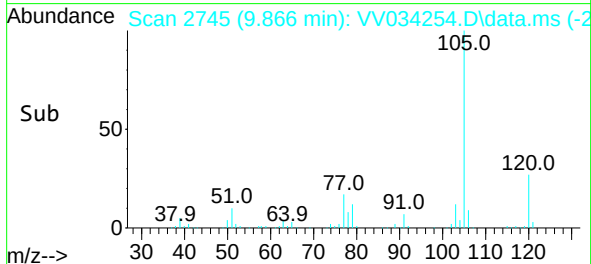
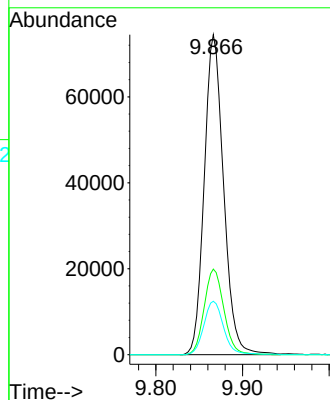
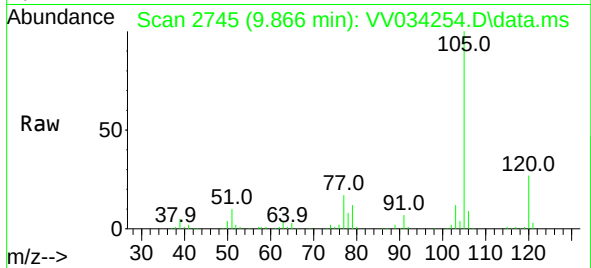




#60
Isopropylbenzene
Concen: 4.624 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

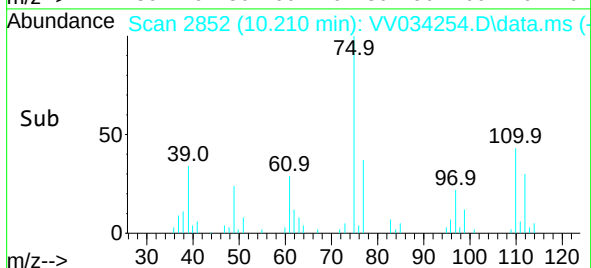
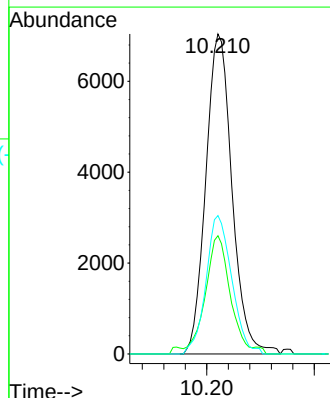
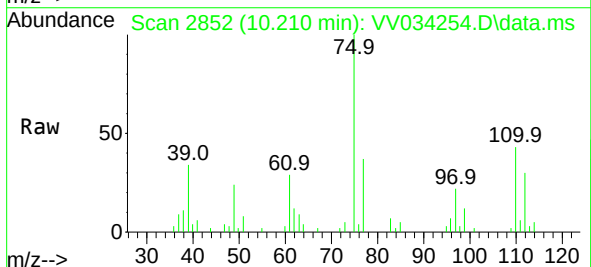
Instrument :
MSVOA_V
ClientSampleId :
DCNB1MSD

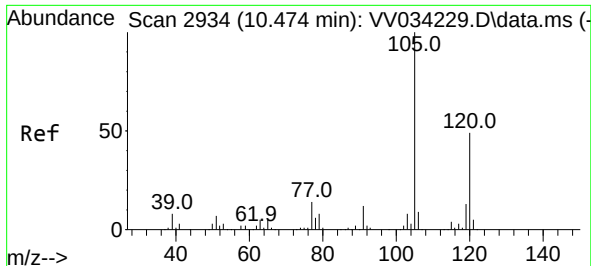
Tgt Ion:105 Resp: 115526
Ion Ratio Lower Upper
105 100
120 27.2 20.7 31.1
77 17.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.137 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Tgt Ion: 75 Resp: 11924
Ion Ratio Lower Upper
75 100
77 35.4 26.9 40.3
110 42.5 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 4.863 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

Instrument :

MSVOA_V

ClientSampleId :

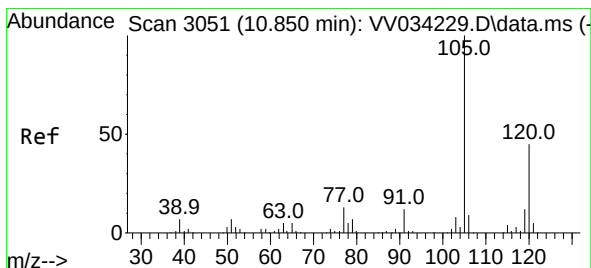
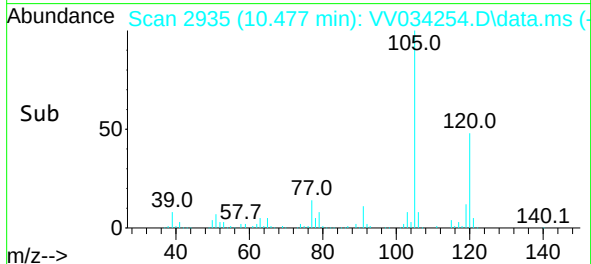
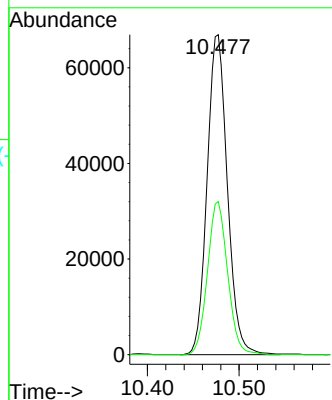
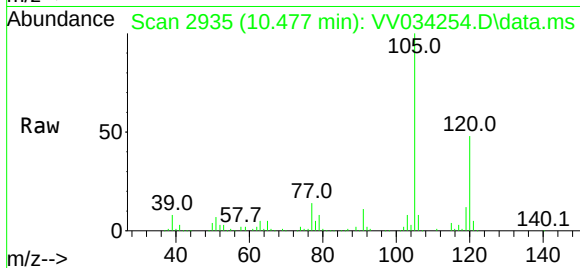
DCNB1MSD

Tgt Ion:105 Resp: 102720

Ion Ratio Lower Upper

105 100

120 47.6 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.952 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034254.D

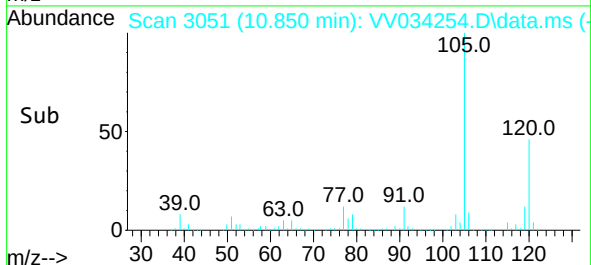
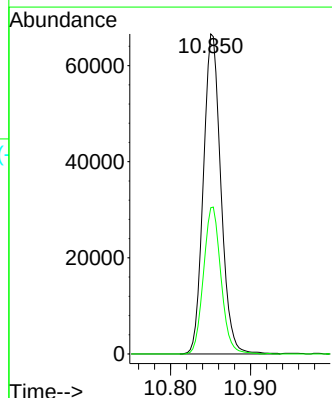
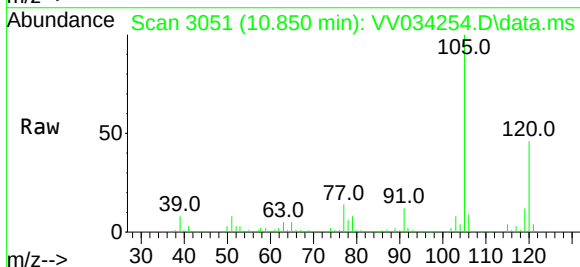
Acq: 19 Feb 2024 19:35

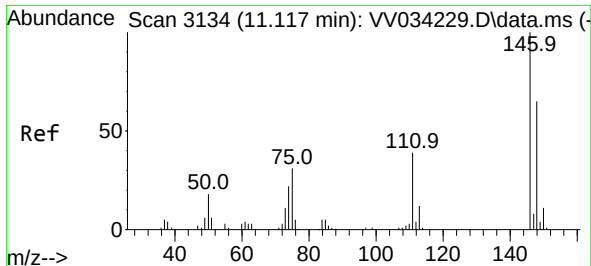
Tgt Ion:105 Resp: 101631

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.2

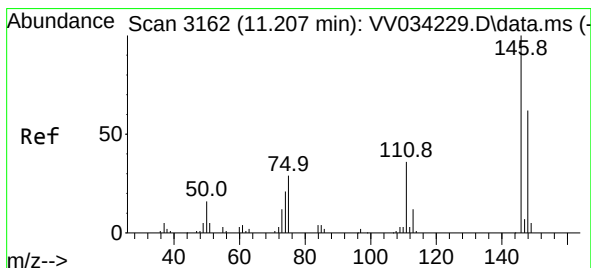
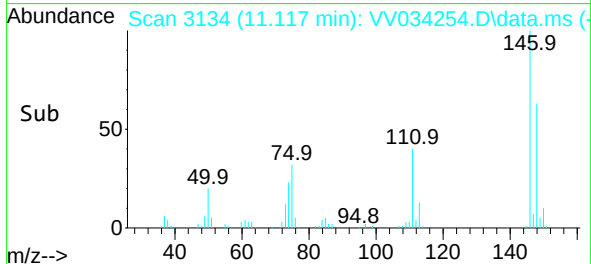
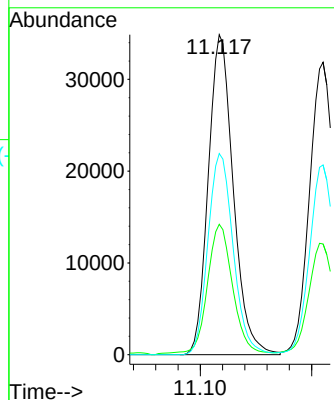
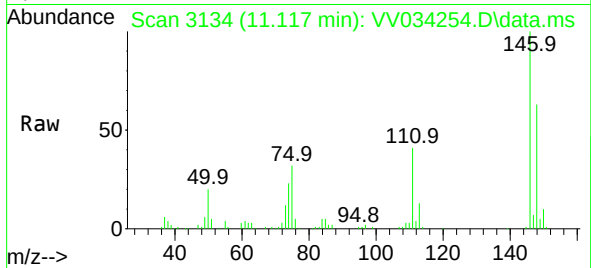




#64
1,3-Dichlorobenzene
Concen: 4.991 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

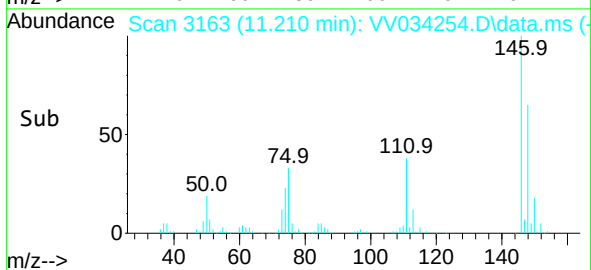
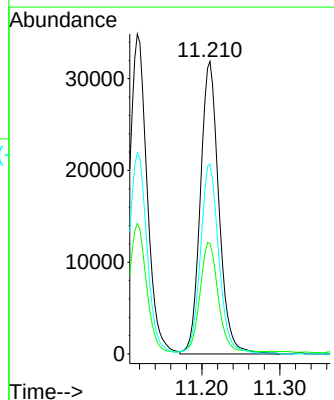
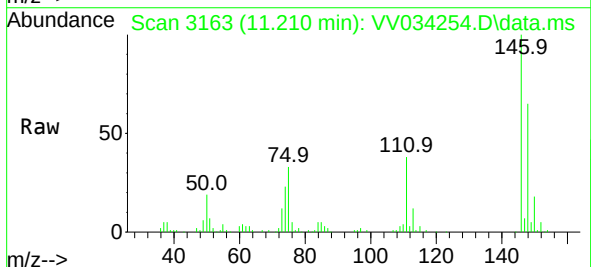
Instrument :
MSVOA_V
ClientSampleId :
DCNB1MSD

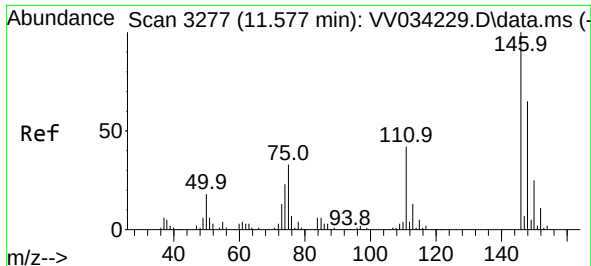
Tgt Ion:146 Resp: 54378
Ion Ratio Lower Upper
146 100
111 40.8 28.5 52.9
148 62.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 4.877 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034254.D
Acq: 19 Feb 2024 19:35

Tgt Ion:146 Resp: 52611
Ion Ratio Lower Upper
146 100
111 37.8 27.6 51.4
148 64.9 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.160 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

Instrument :

MSVOA_V

ClientSampleId :

DCNB1MSD

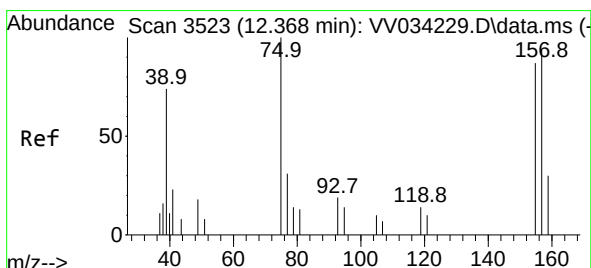
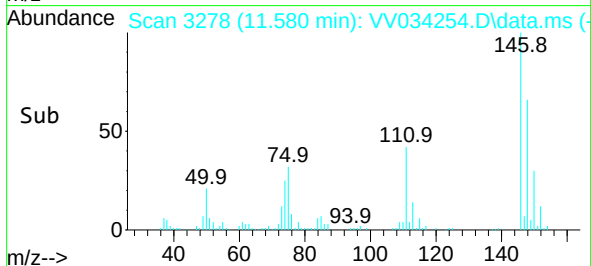
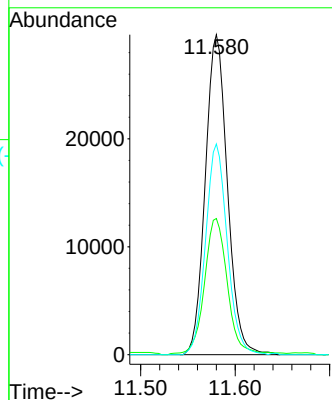
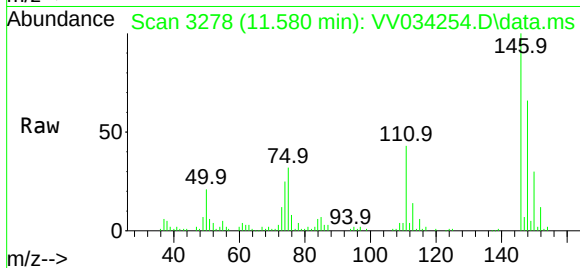
Tgt Ion:146 Resp: 48276

Ion Ratio Lower Upper

146 100

111 42.5 31.2 46.8

148 65.9 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.174 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

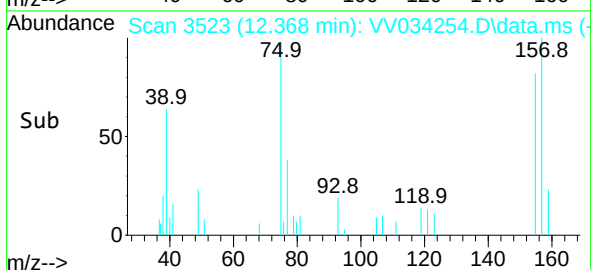
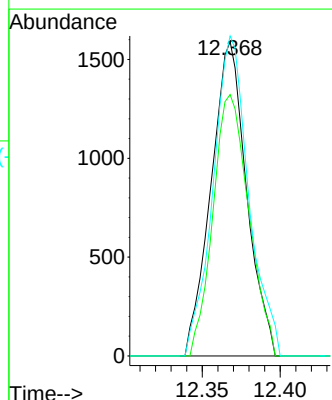
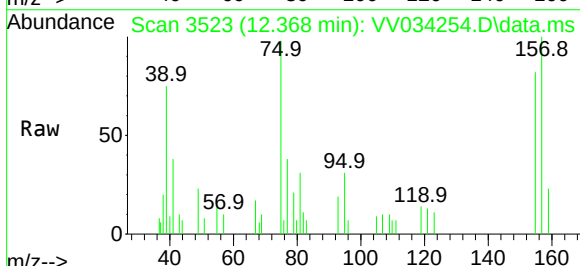
Tgt Ion: 75 Resp: 2517

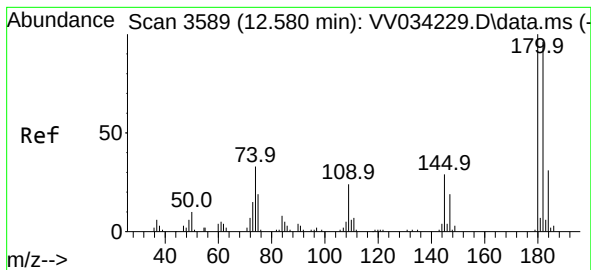
Ion Ratio Lower Upper

75 100

155 83.2 68.9 103.3

157 101.8 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 4.944 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

Instrument :

MSVOA_V

ClientSampleId :

DCNB1MSD

Tgt Ion:180 Resp: 41683

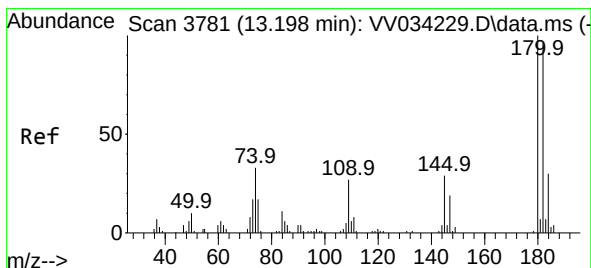
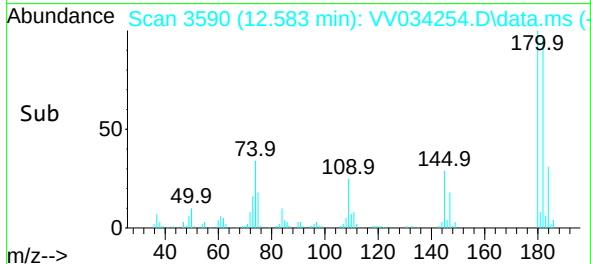
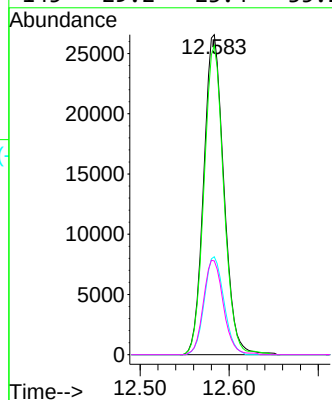
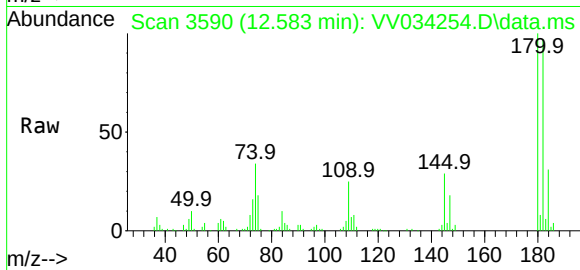
Ion Ratio Lower Upper

180 100

182 94.7 77.0 115.4

184 29.8 23.8 35.6

145 29.2 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.179 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

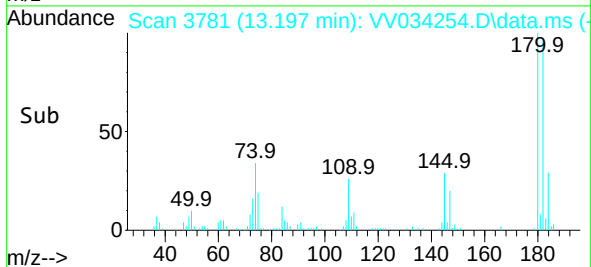
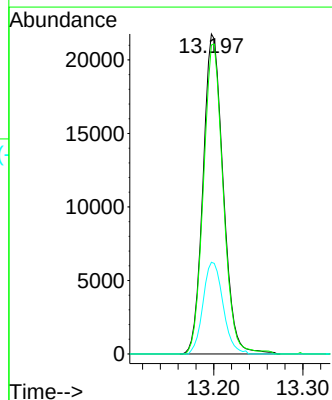
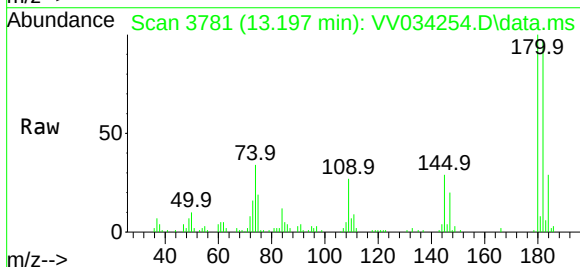
Tgt Ion:180 Resp: 34085

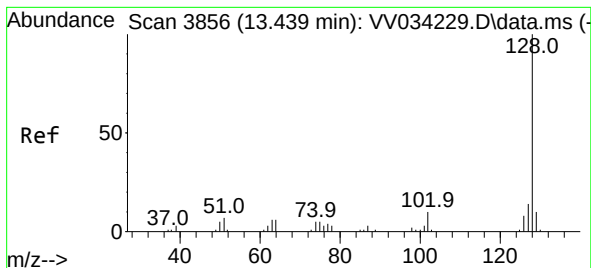
Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

145 28.5 24.8 37.2





#71

Naphthalene

Concen: 5.630 ug/L

RT: 13.442 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

Instrument :

MSVOA_V

ClientSampleId :

DCNB1MSD

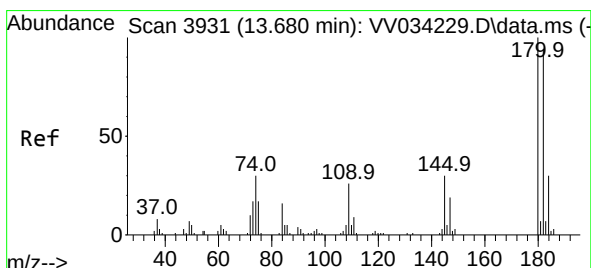
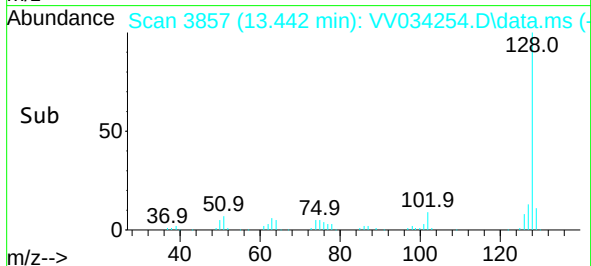
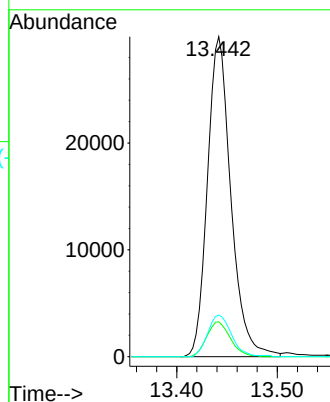
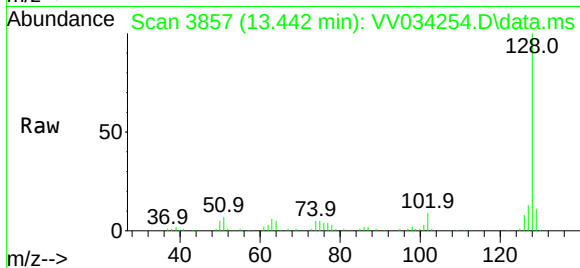
Tgt Ion:128 Resp: 48557

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.1 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.607 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034254.D

Acq: 19 Feb 2024 19:35

Tgt Ion:180 Resp: 29569

Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

145 31.6 25.2 37.8

