

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020924\
 Data File : VW034097.D
 Acq On : 09 Feb 2024 08:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 13:39:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 03:48:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75033	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	69633	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29815	5.131	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.600%
7) Chloroethane-d5	1.532	69	23935	4.702	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.056	65	13216	4.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.822	46	41309	42.326	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.660%
24) Chloroform-d	4.249	84	50230	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.947	65	24482	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.960	84	94391	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	5.989	67	24870	4.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.243	98	89298	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.558	79	10307	4.674	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.031	63	35337	44.890	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.780%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15362	4.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	29962	4.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	35176	5.116	ug/L	100
3) Chloromethane	1.214	50	37644	5.019	ug/L	100
5) Vinyl chloride	1.282	62	37031	5.167	ug/L	92
6) Bromomethane	1.487	94	20334	5.387	ug/L	98
8) Chloroethane	1.548	64	23215	4.748	ug/L	98
9) Trichlorofluoromethane	1.712	101	59767	5.787	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	29985	5.554	ug/L	99
12) 1,1-Dichloroethene	2.069	96	29109	5.553	ug/L	95
13) Acetone	2.150	43	32953	44.506	ug/L #	34
14) Carbon disulfide	2.240	76	80989	4.775	ug/L	99
15) Methyl Acetate	2.394	43	7446	4.249	ug/L #	88
16) Methylene chloride	2.449	84	29621	5.890	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	60067	5.577	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	28010	5.246	ug/L	98
19) 1,1-Dichloroethane	3.111	63	52371	5.338	ug/L	96
21) 2-Butanone	3.905	43	45431	46.432	ug/L #	62
22) cis-1,2-Dichloroethene	3.818	96	28321	4.676	ug/L	96
23) Bromochloromethane	4.150	128	12085	5.739	ug/L	93
25) Chloroform	4.278	83	54251	5.471	ug/L	94

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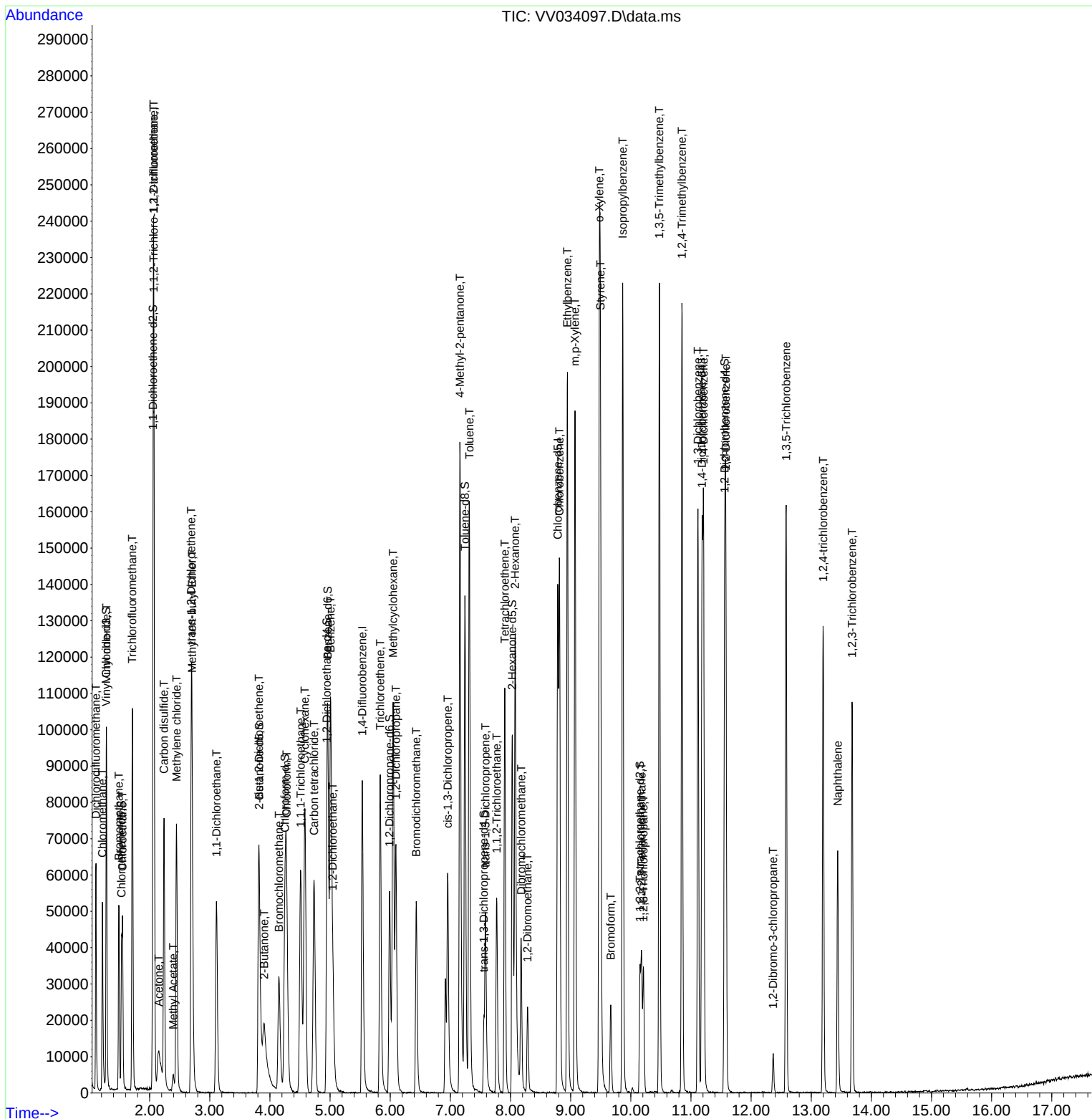
Instrument :
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 ClientSampleId :

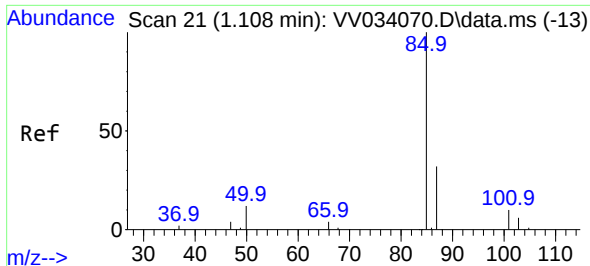
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	32462	5.717	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	52039	5.566	ug/L	99
30) Cyclohexane	4.580	56	43099	4.740	ug/L	95
31) Carbon tetrachloride	4.735	117	45774	5.596	ug/L	99
33) Benzene	5.008	78	108619	5.201	ug/L	100
34) Trichloroethene	5.834	95	30885	5.110	ug/L	99
35) Methylcyclohexane	6.050	83	46731	4.925	ug/L	96
37) 1,2-Dichloropropane	6.095	63	24219	4.787	ug/L	98
38) Bromodichloromethane	6.432	83	35758	5.384	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	37159	4.827	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	126526	52.228	ug/L	99
42) Toluene	7.317	91	117470	5.263	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	28758	4.866	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	16438	5.262	ug/L	96
47) Tetrachloroethene	7.905	164	23727	4.831	ug/L	97
48) 2-Hexanone	8.079	43	87089	50.999	ug/L	97
49) Dibromochloromethane	8.178	129	20596	5.548	ug/L	99
50) 1,2-Dibromoethane	8.284	107	15413	5.497	ug/L	96
51) Chlorobenzene	8.815	112	74708	5.294	ug/L	99
52) Ethylbenzene	8.947	91	135652	5.280	ug/L	99
53) m,p-Xylene	9.072	106	50933	5.246	ug/L	99
54) o-Xylene	9.477	106	49711	5.310	ug/L	98
55) Styrene	9.497	104	81511	5.437	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	17072	5.178	ug/L	99
59) Bromoform	9.667	173	10687	5.388	ug/L	99
60) Isopropylbenzene	9.866	105	137793	5.172	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12840	5.187	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	117949	5.237	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	113638	5.193	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	61272	5.274	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	61799	5.373	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	53481	5.361	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.368	75	3059	5.897	ug/L	88
69) 1,3,5-Trichlorobenzene	12.583	180	47367	5.269	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	37695	5.371	ug/L	96
71) Naphthalene	13.442	128	52237	5.681	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	31518	5.605	ug/L	99

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

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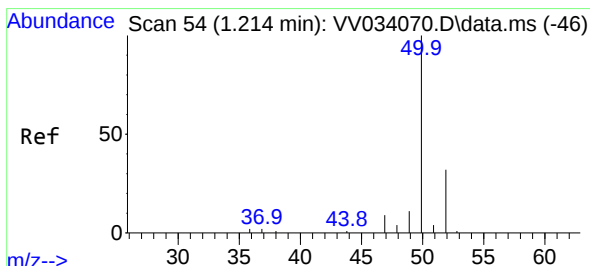
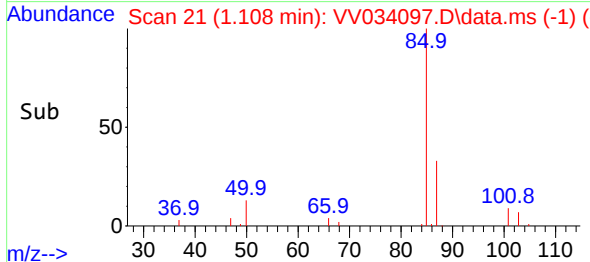
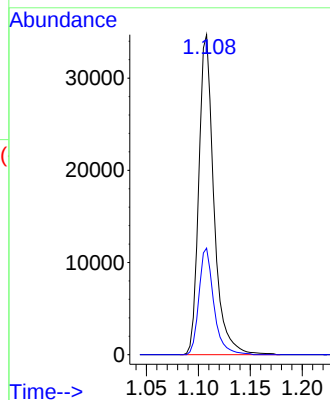
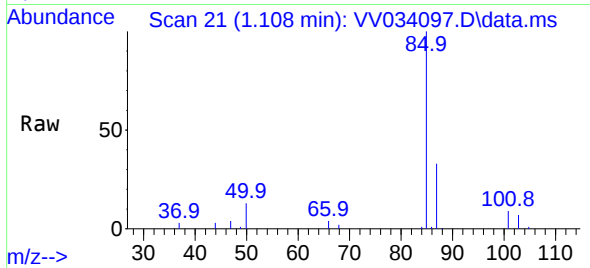




#2
Dichlorodifluoromethane
Concen: 5.116 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

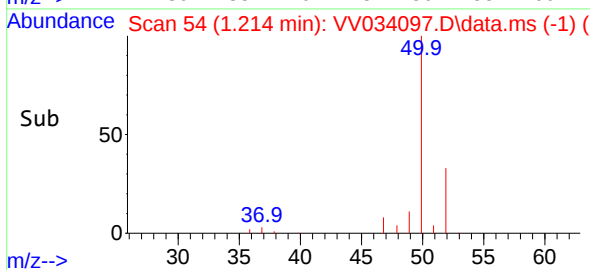
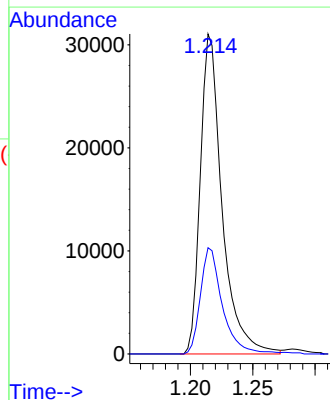
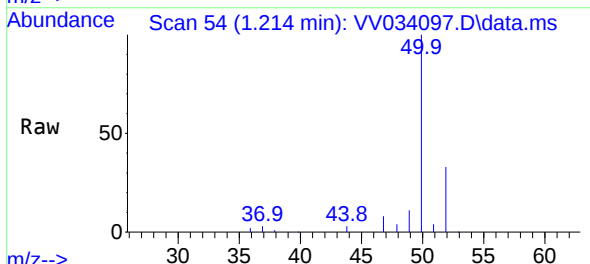
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 35176
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4

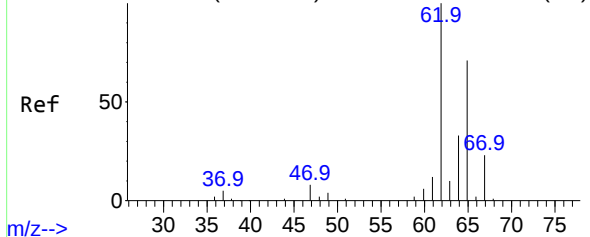


#3
Chloromethane
Concen: 5.019 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 50 Resp: 37644
Ion Ratio Lower Upper
50 100
52 33.2 23.4 43.4



Abundance Scan 75 (1.282 min): VV034070.D\data.ms (-67)



#5

Vinyl chloride

Concen: 5.167 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV034097.D

Acq: 09 Feb 2024 08:47

Instrument :

MSVOA_V

ClientSampleId :

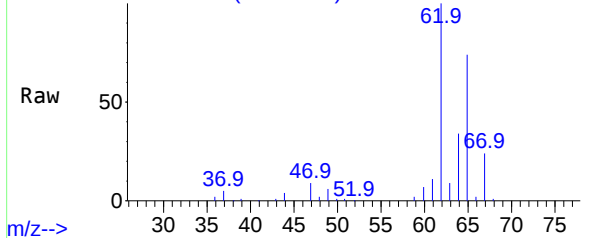
Tgt Ion: 62 Resp: 37031

Ion Ratio Lower Upper

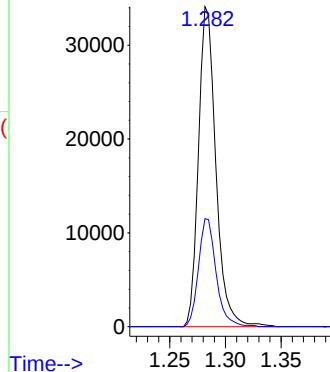
62 100

64 33.8 27.2 50.4

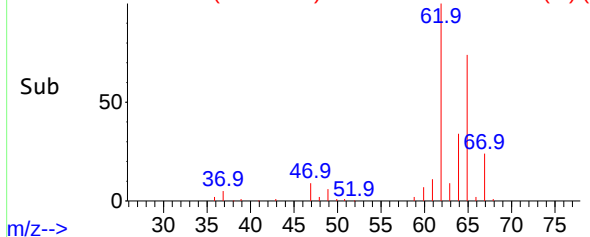
Abundance Scan 75 (1.282 min): VV034097.D\data.ms



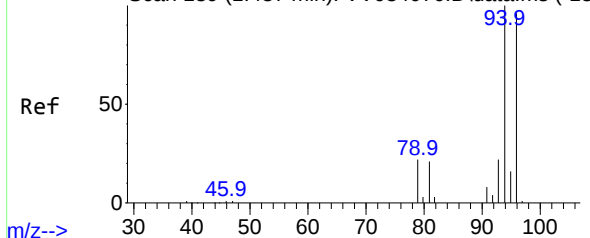
Abundance



Abundance Scan 75 (1.282 min): VV034097.D\data.ms (-1)



Abundance Scan 139 (1.487 min): VV034070.D\data.ms (-13)



#6

Bromomethane

Concen: 5.387 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV034097.D

Acq: 09 Feb 2024 08:47

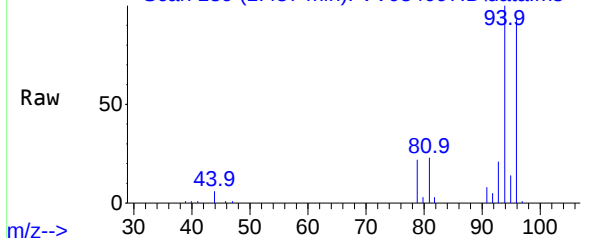
Tgt Ion: 94 Resp: 20334

Ion Ratio Lower Upper

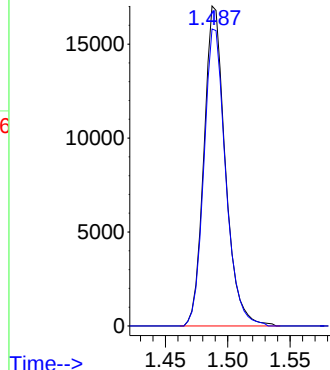
94 100

96 92.8 66.6 123.8

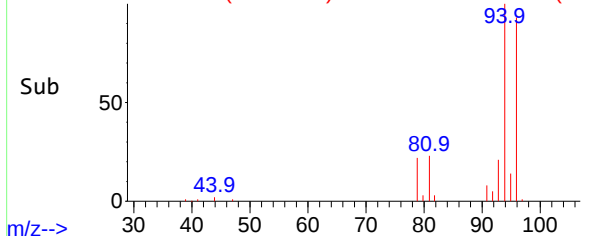
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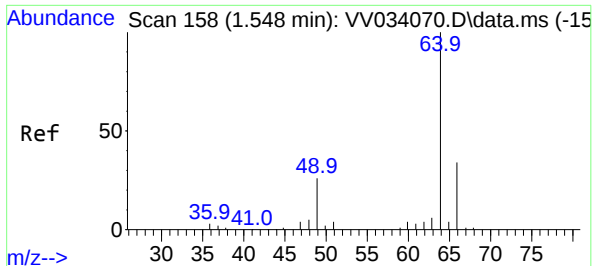


Abundance



Abundance Scan 139 (1.487 min): VV034097.D\data.ms (-46)

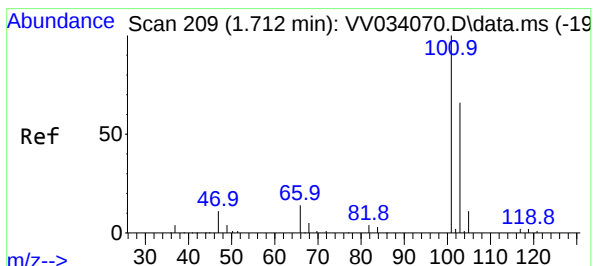
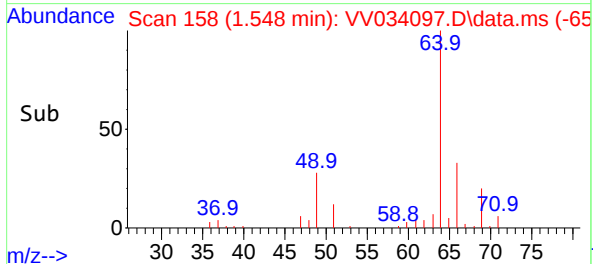
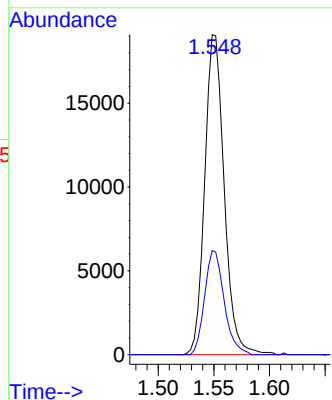
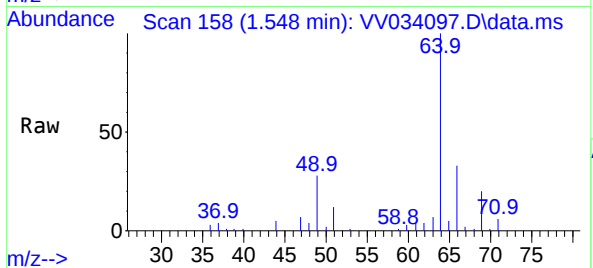




#8
Chloroethane
Concen: 4.748 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

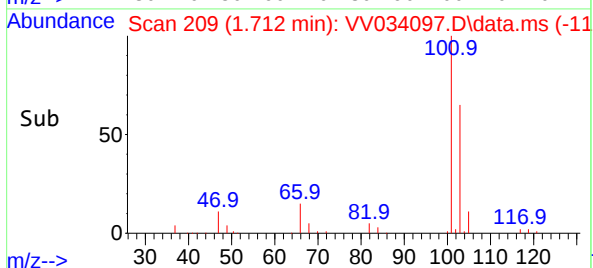
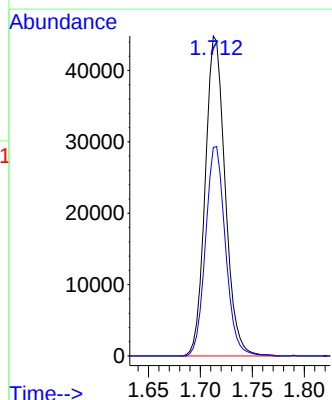
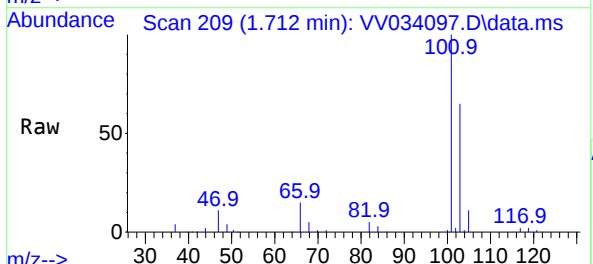
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ClientSampleId :

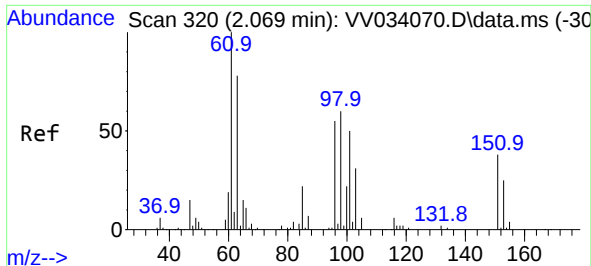
Tgt Ion: 64 Resp: 23215
Ion Ratio Lower Upper
64 100
66 32.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.787 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion:101 Resp: 59767
Ion Ratio Lower Upper
101 100
103 65.4 51.0 76.4

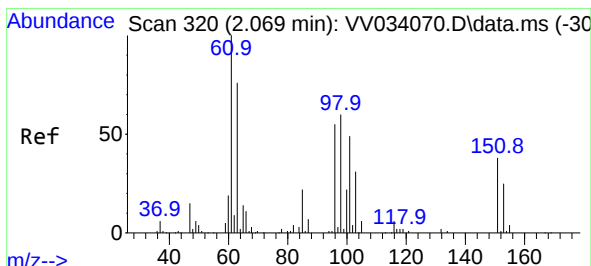
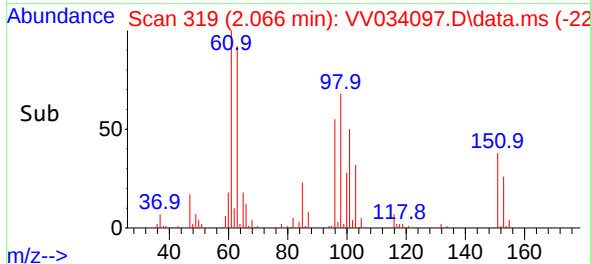
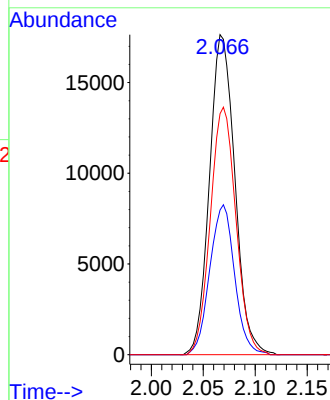
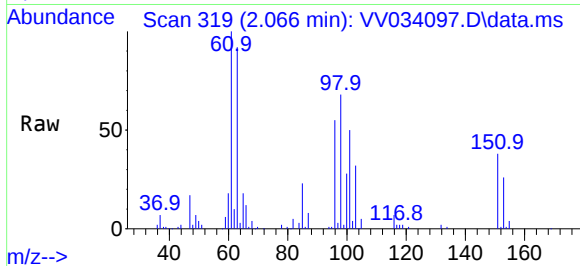




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.554 ug/L
RT: 2.066 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

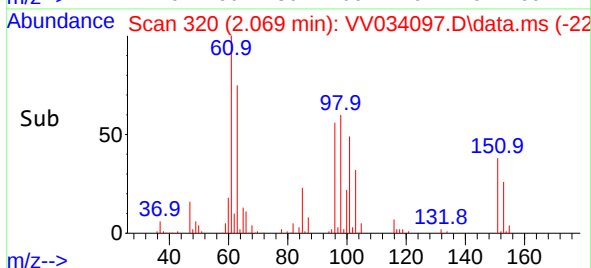
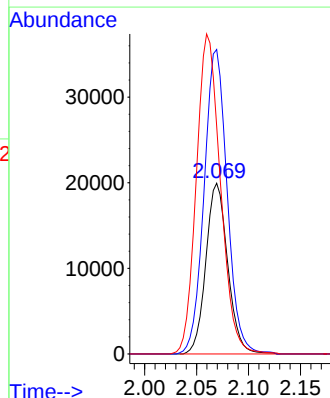
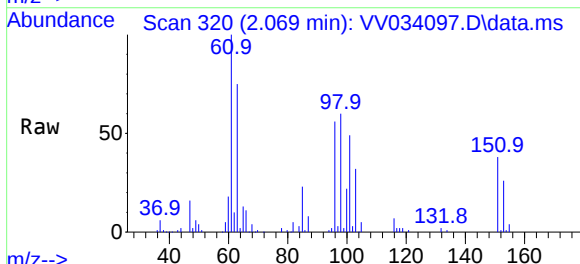
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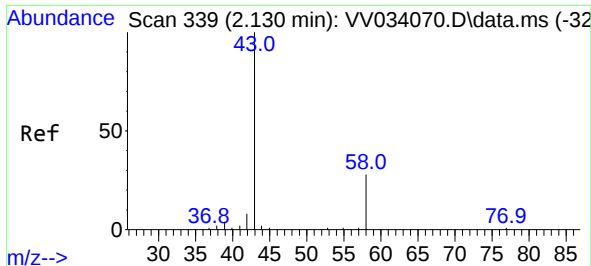
Tgt Ion:101 Resp: 29985
Ion Ratio Lower Upper
101 100
85 45.8 37.1 55.7
151 77.9 61.7 92.5



#12
1,1-Dichloroethene
Concen: 5.553 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 96 Resp: 29109
Ion Ratio Lower Upper
96 100
61 178.4 128.8 239.2
63 133.5 97.9 181.9





#13

Acetone

Concen: 44.506 ug/L

RT: 2.150 min Scan# 34

Delta R.T. 0.019 min

Lab File: VV034097.D

Acq: 09 Feb 2024 08:47

Instrument :

MSVOA_V

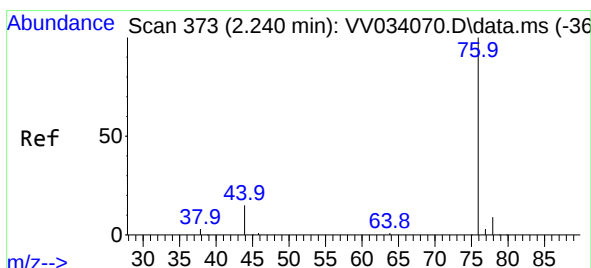
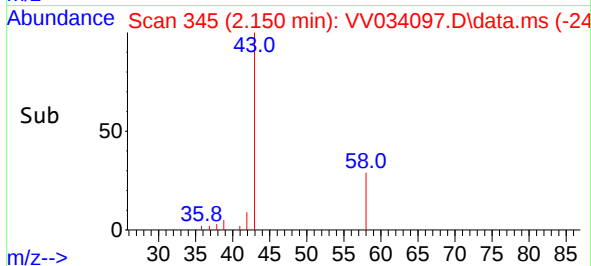
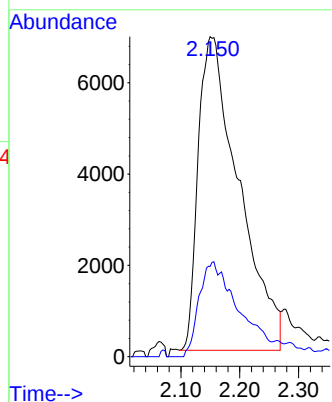
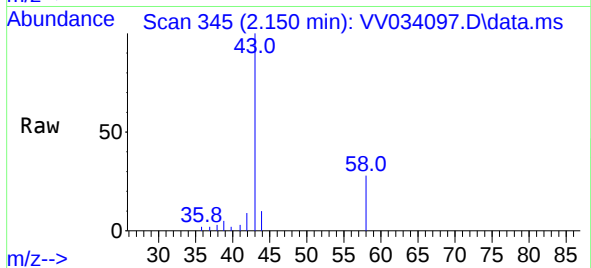
ClientSampleId :

Tgt Ion: 43 Resp: 32953

Ion Ratio Lower Upper

43 100

58 29.5 0.0 13.8#



#14

Carbon disulfide

Concen: 4.775 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034097.D

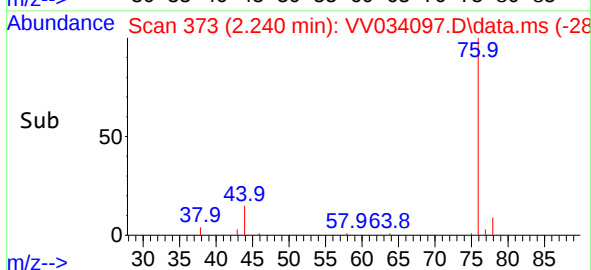
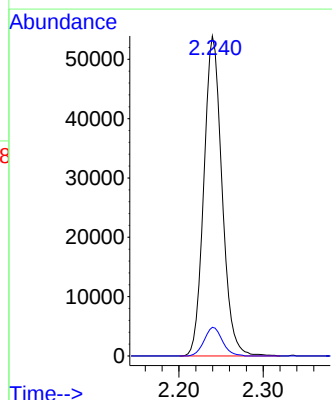
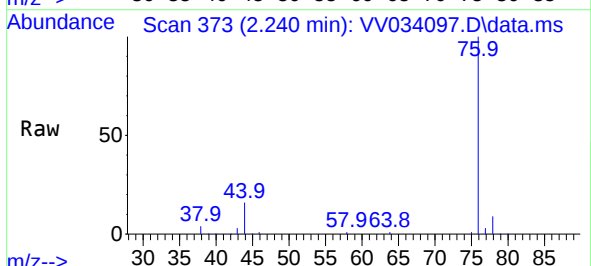
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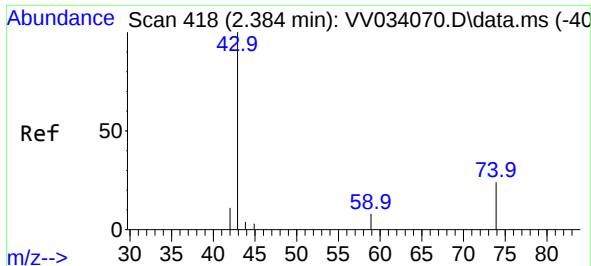
Tgt Ion: 76 Resp: 80989

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

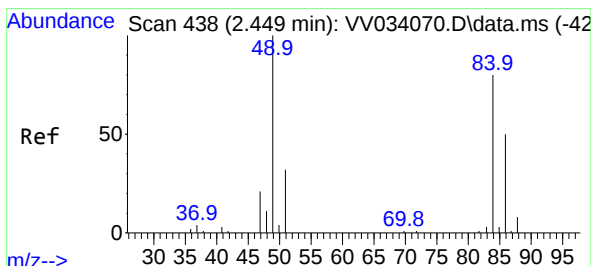
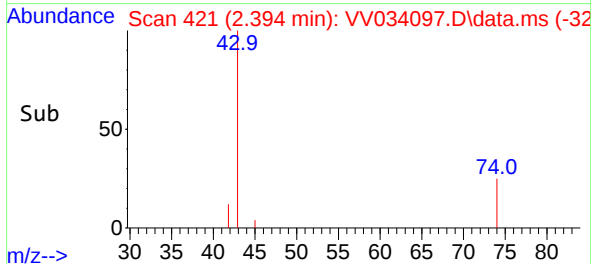
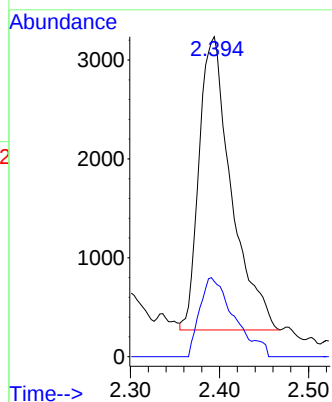
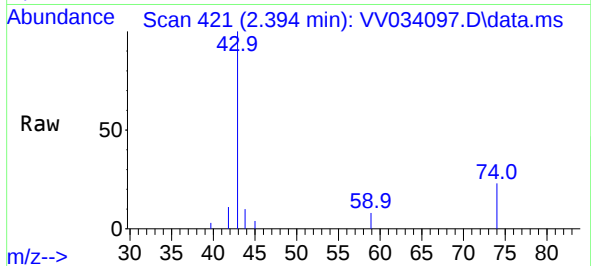




#15
Methyl Acetate
Concen: 4.249 ug/L
RT: 2.394 min Scan# 418
Delta R.T. 0.010 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

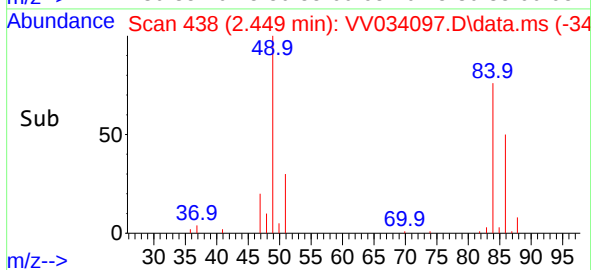
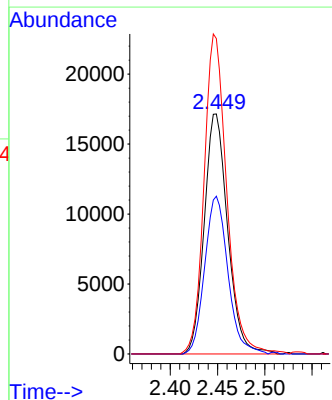
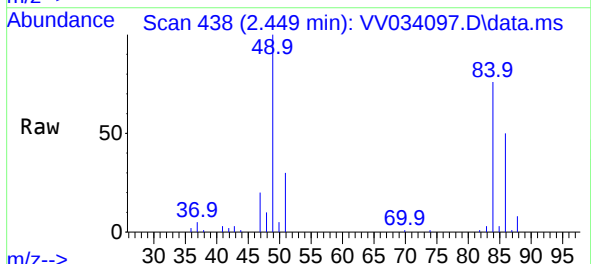
Instrument :
MSVOA_V
ClientSampleId :

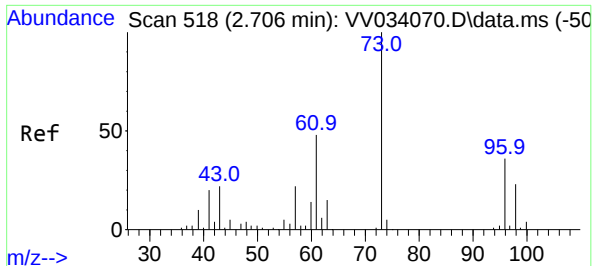
Tgt Ion: 43 Resp: 7446
Ion Ratio Lower Upper
43 100
74 28.8 18.2 27.4#



#16
Methylene chloride
Concen: 5.890 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 84 Resp: 29621
Ion Ratio Lower Upper
84 100
86 65.7 44.7 83.1
49 131.3 93.7 173.9





#17

Methyl tert-butyl Ether

Concen: 5.577 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV034097.D

Acq: 09 Feb 2024 08:47

Instrument :

MSVOA_V

ClientSampleId :

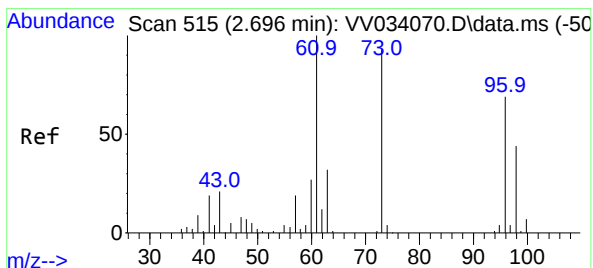
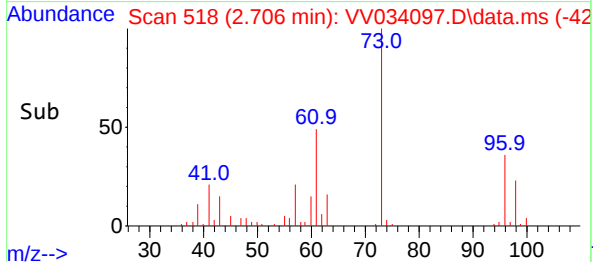
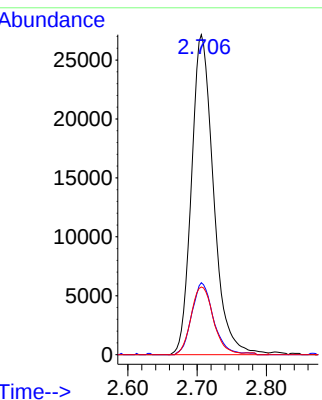
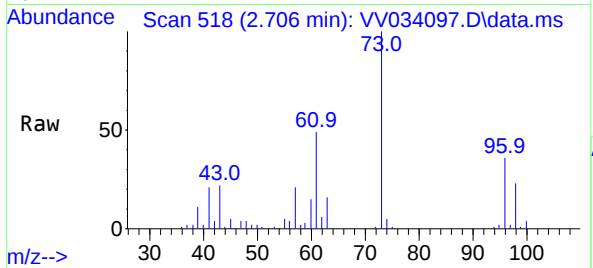
Tgt Ion: 73 Resp: 60067

Ion Ratio Lower Upper

73 100

43 22.1 17.7 26.5

57 21.5 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 5.246 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.003 min

Lab File: VV034097.D

Acq: 09 Feb 2024 08:47

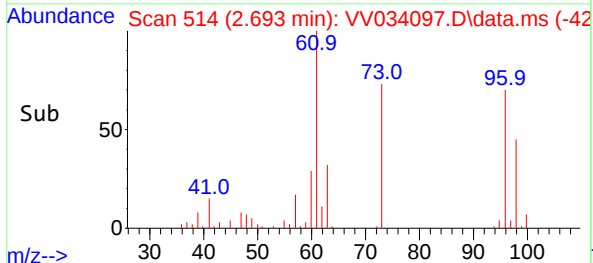
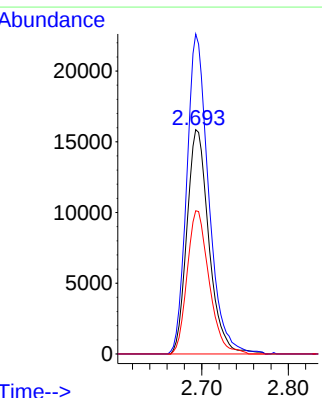
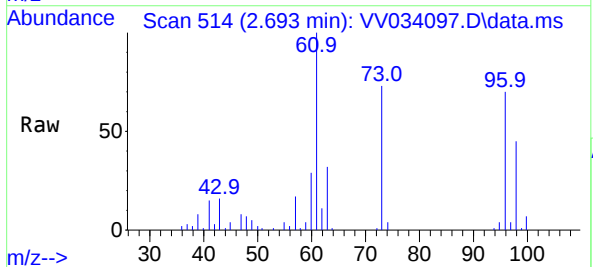
Tgt Ion: 96 Resp: 28010

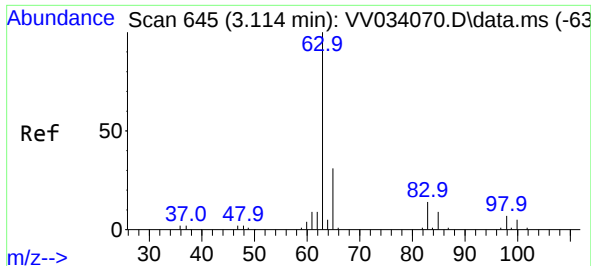
Ion Ratio Lower Upper

96 100

61 142.7 97.6 181.4

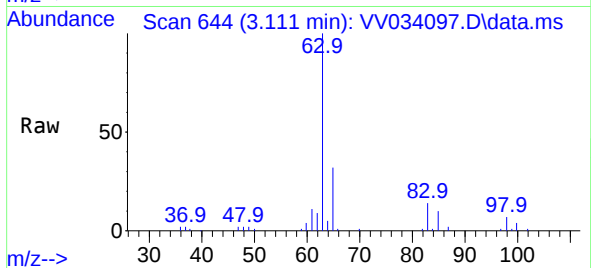
98 63.9 44.4 82.5



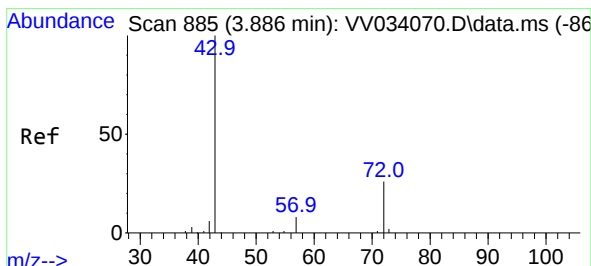
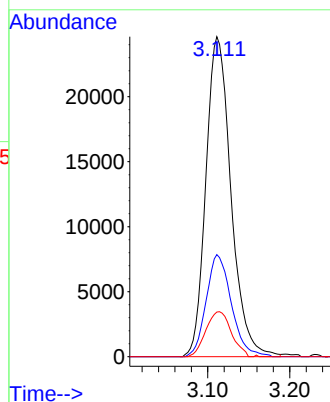
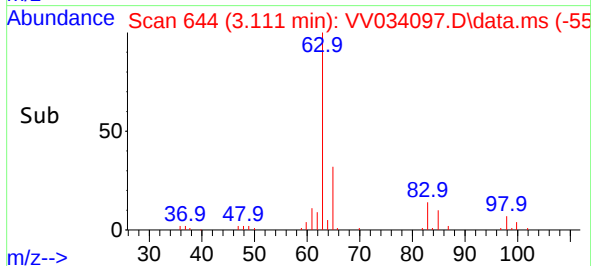


#19
1,1-Dichloroethane
Concen: 5.338 ug/L
RT: 3.111 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Instrument :
MSVOA_V
ClientSampleId :

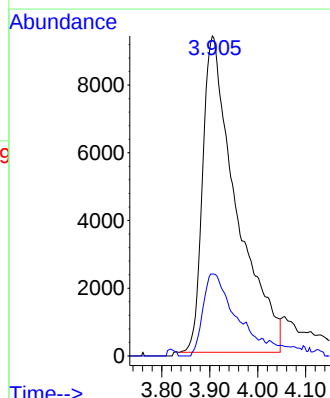
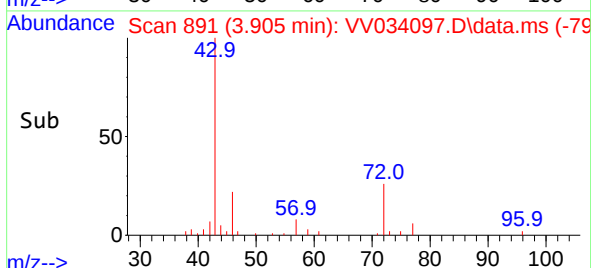
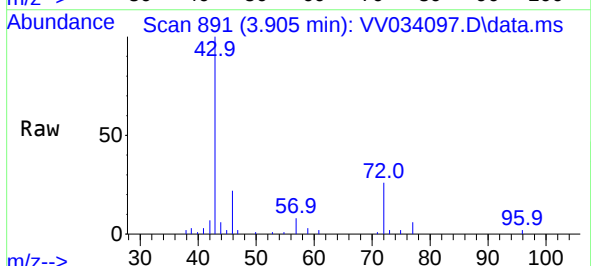


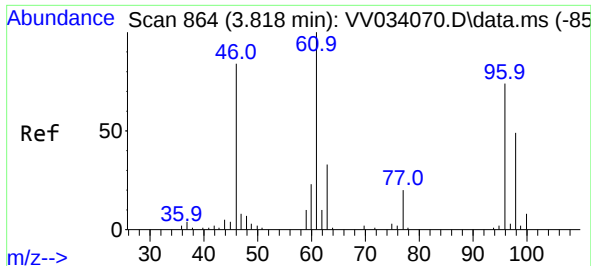
Tgt Ion: 63 Resp: 52371
Ion Ratio Lower Upper
63 100
65 32.7 20.8 38.6
83 14.0 9.4 17.4



#21
2-Butanone
Concen: 46.432 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.019 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

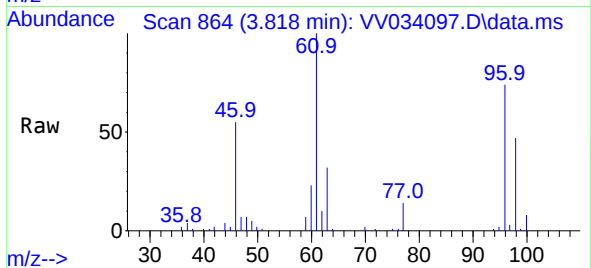
Tgt Ion: 43 Resp: 45431
Ion Ratio Lower Upper
43 100
72 21.3 4.0 11.9#



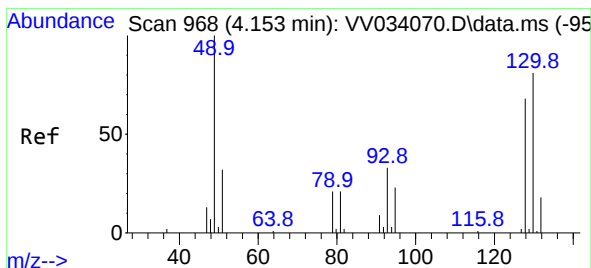
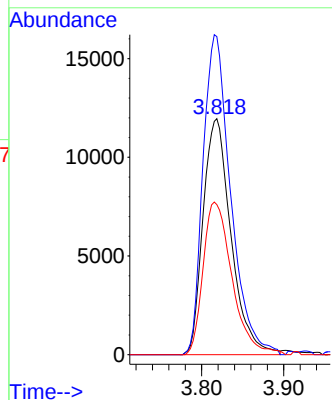
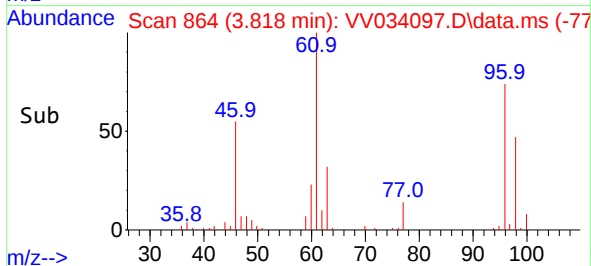


#22
cis-1,2-Dichloroethene
Concen: 4.676 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

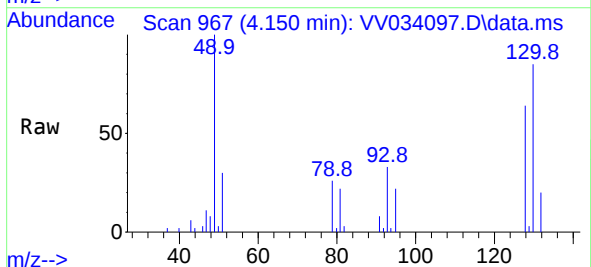
Instrument :
MSVOA_V
ClientSampleId :



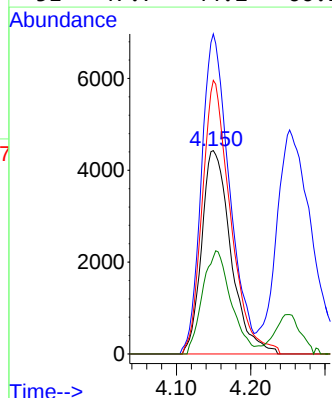
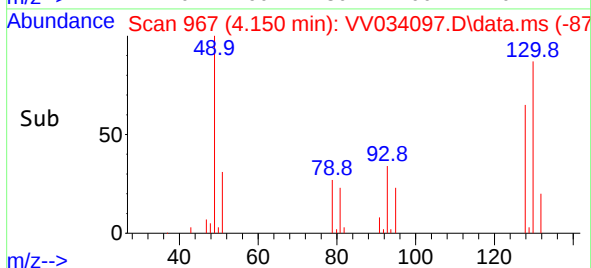
Tgt Ion: 96 Resp: 28321
Ion Ratio Lower Upper
96 100
61 134.7 90.3 167.7
98 63.6 43.2 80.2

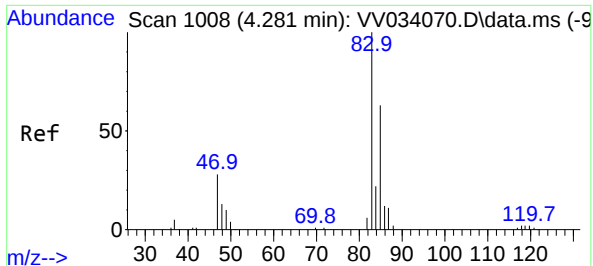


#23
Bromochloromethane
Concen: 5.739 ug/L
RT: 4.150 min Scan# 967
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47



Tgt Ion: 128 Resp: 12085
Ion Ratio Lower Upper
128 100
49 157.4 120.5 223.7
130 134.5 93.4 173.4
51 47.7 44.2 66.2

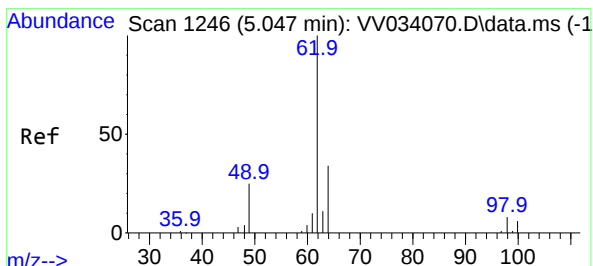
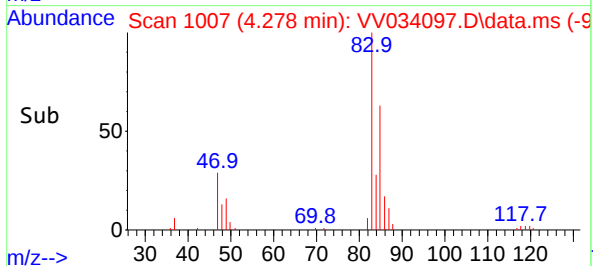
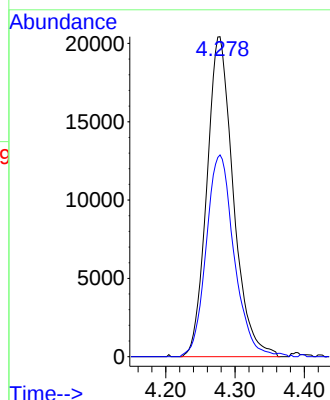
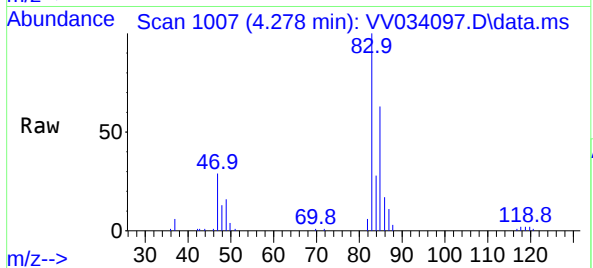




#25
Chloroform
Concen: 5.471 ug/L
RT: 4.278 min Scan# 10
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

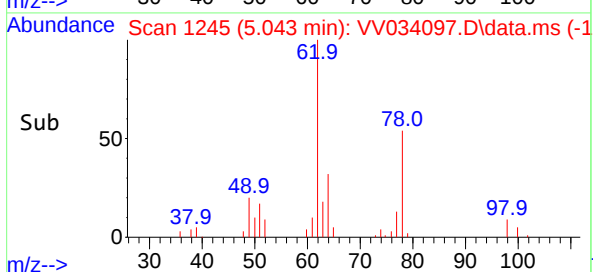
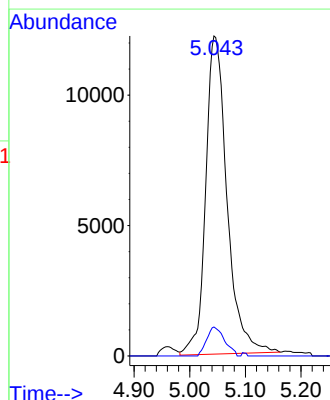
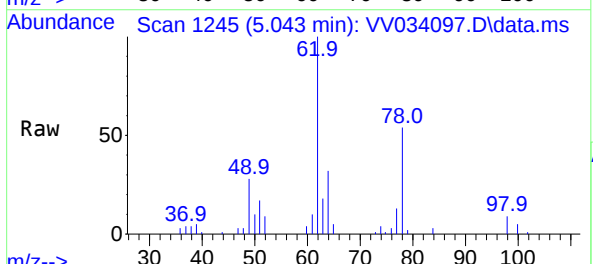
Instrument :
MSVOA_V
ClientSampleId :

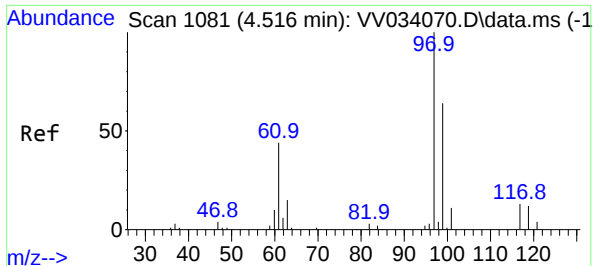
Tgt Ion: 83 Resp: 54251
Ion Ratio Lower Upper
83 100
85 63.0 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.717 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 62 Resp: 32462
Ion Ratio Lower Upper
62 100
98 9.0 6.9 10.3

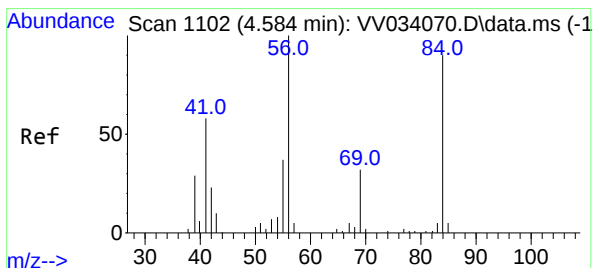
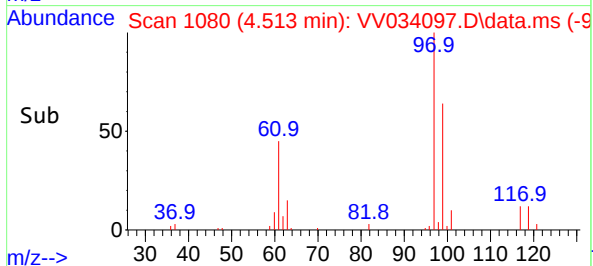
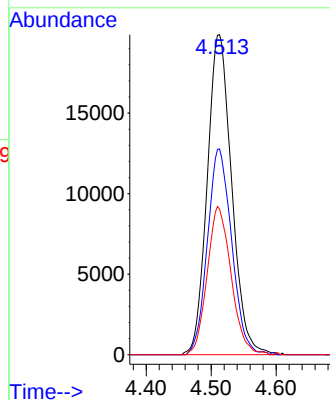
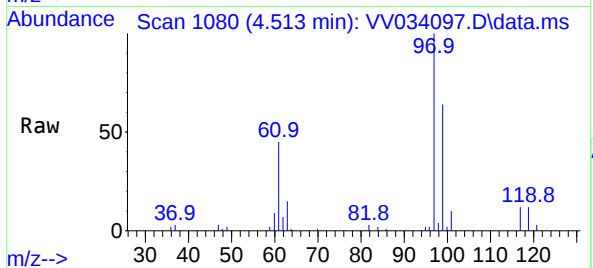




#29
1,1,1-Trichloroethane
Concen: 5.566 ug/L
RT: 4.513 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

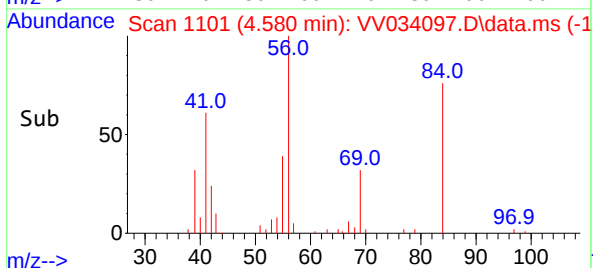
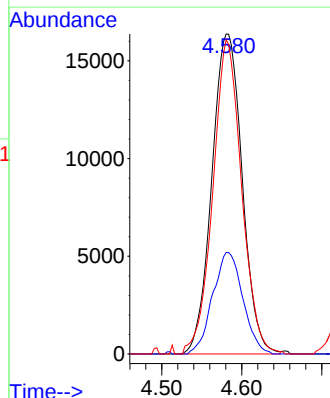
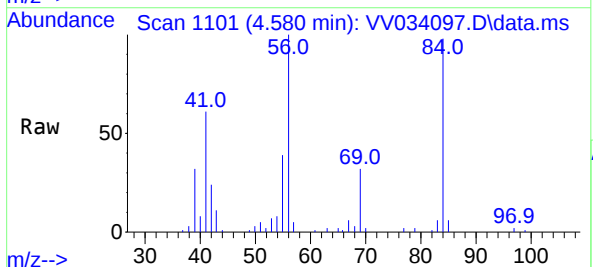
Instrument :
MSVOA_V
ClientSampleId :

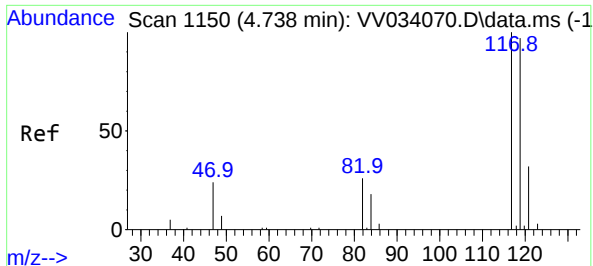
Tgt Ion: 97 Resp: 52039
Ion Ratio Lower Upper
97 100
99 63.6 50.6 75.8
61 45.3 36.8 55.2



#30
Cyclohexane
Concen: 4.740 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 56 Resp: 43099
Ion Ratio Lower Upper
56 100
69 31.6 24.2 36.2
84 93.0 70.0 105.0

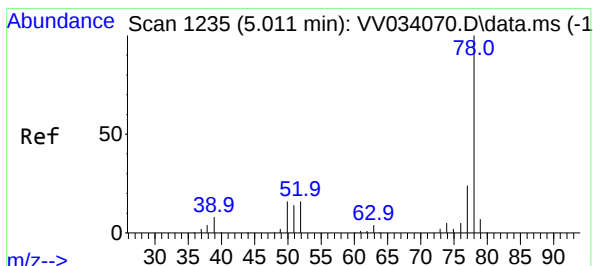
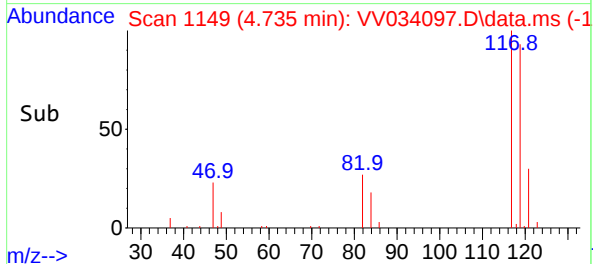
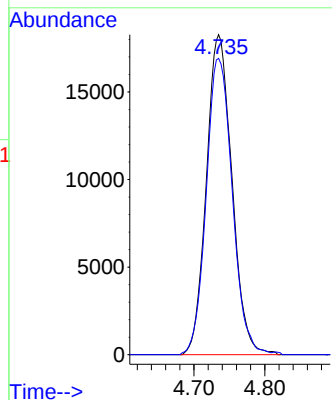
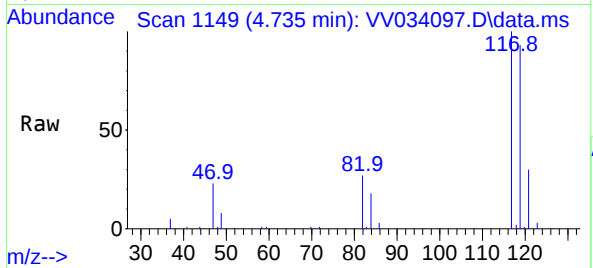




#31
Carbon tetrachloride
Concen: 5.596 ug/L
RT: 4.735 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

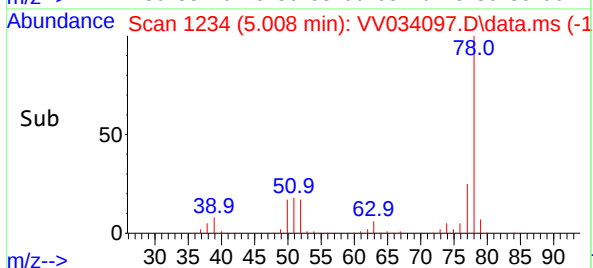
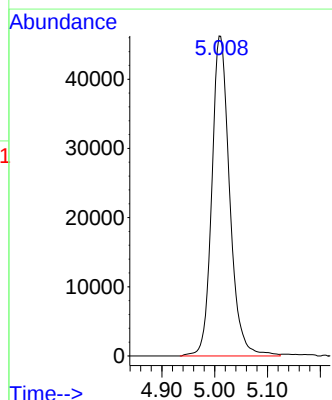
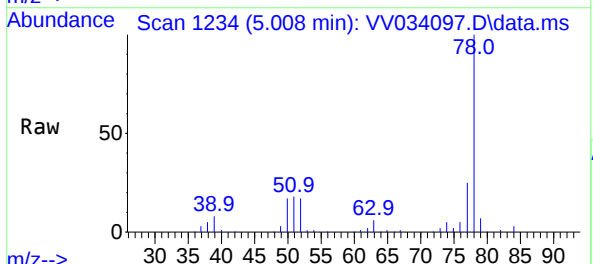
Instrument :
MSVOA_V
ClientSampleId :

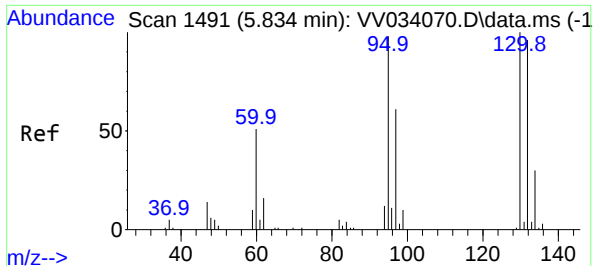
Tgt Ion:117 Resp: 45774
Ion Ratio Lower Upper
117 100
119 94.4 76.1 114.1



#33
Benzene
Concen: 5.201 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

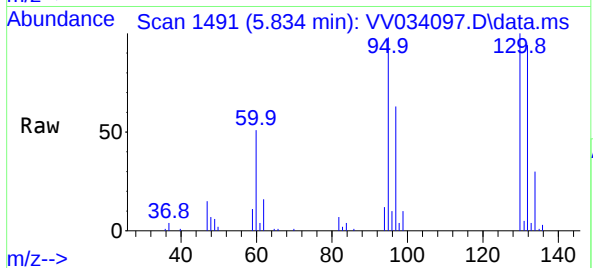
Tgt Ion: 78 Resp: 108619





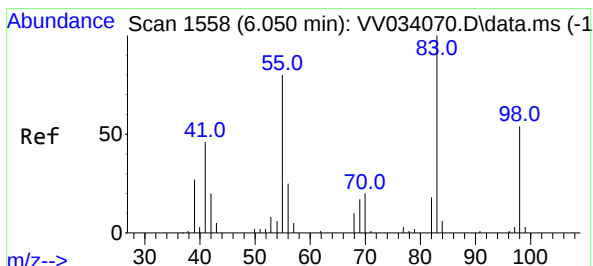
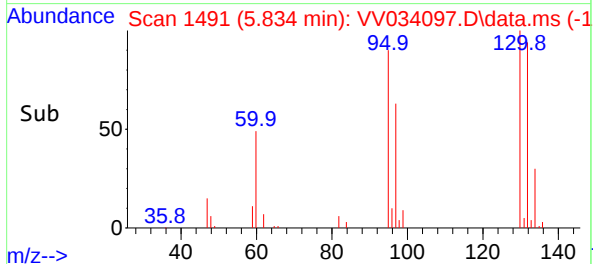
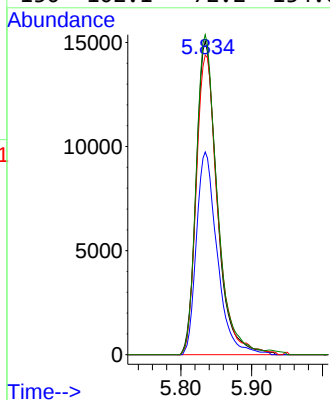
#34
Trichloroethene
Concen: 5.110 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 30885

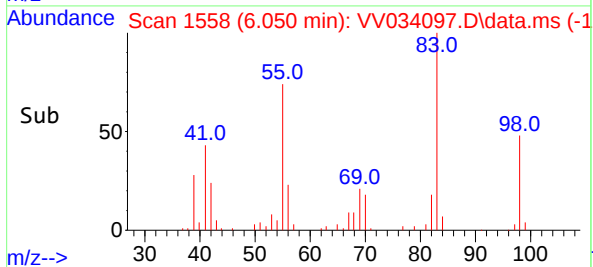
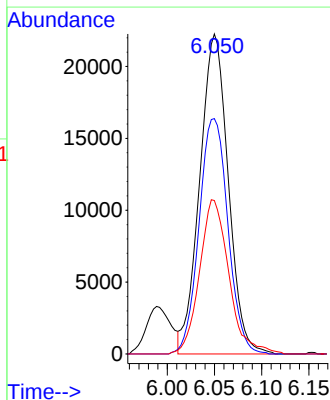
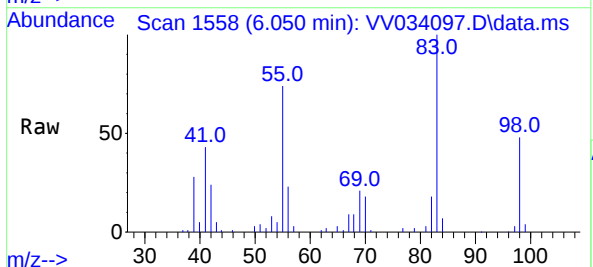
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.1	83.7
132	95.6	66.0	122.6
130	102.1	72.2	134.0

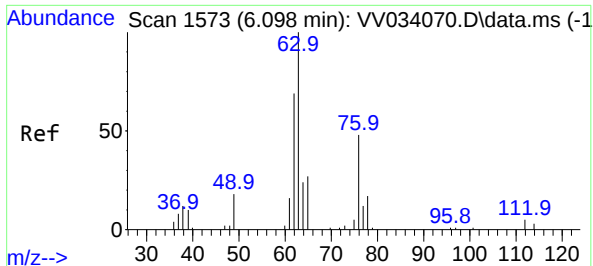


#35
Methylcyclohexane
Concen: 4.925 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 83 Resp: 46731

Ion	Ratio	Lower	Upper
83	100		
55	74.6	63.5	95.3
98	49.7	39.0	58.4

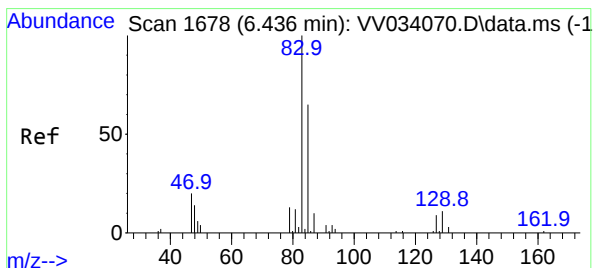
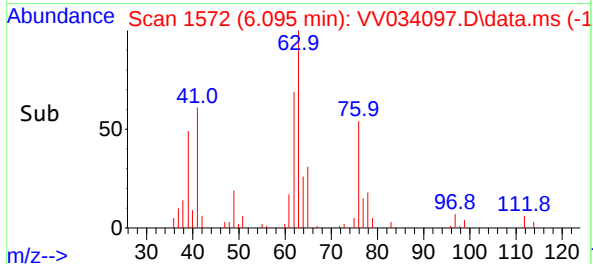
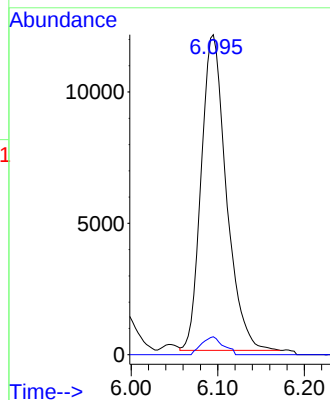
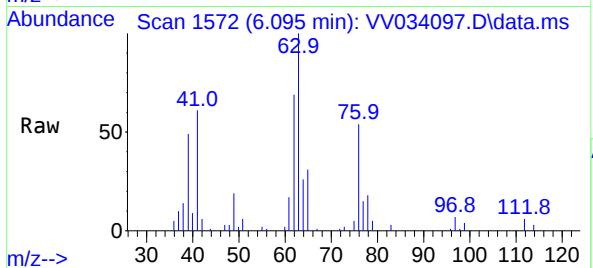




#37
1,2-Dichloropropane
Concen: 4.787 ug/L
RT: 6.095 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

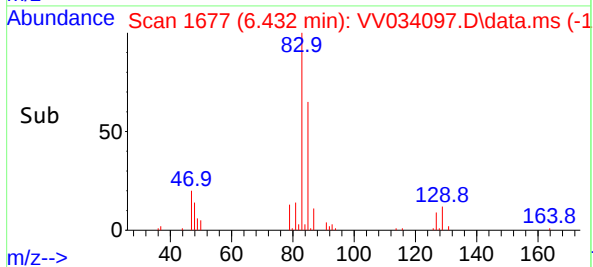
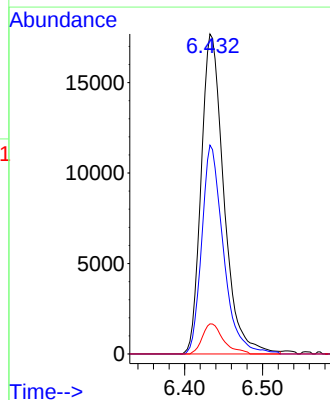
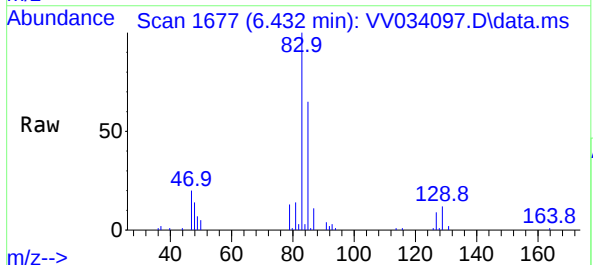
Instrument :
MSVOA_V
ClientSampleId :

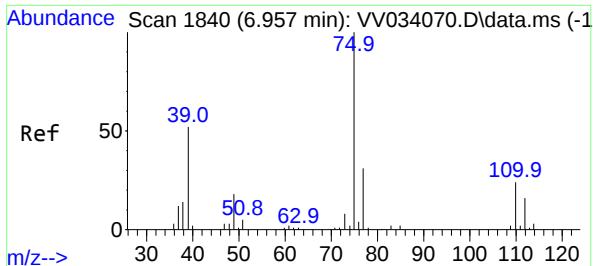
Tgt Ion: 63 Resp: 24219
Ion Ratio Lower Upper
63 100
112 4.8 3.4 5.0



#38
Bromodichloromethane
Concen: 5.384 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 83 Resp: 35758
Ion Ratio Lower Upper
83 100
85 65.3 45.4 84.2
127 9.4 6.5 9.7

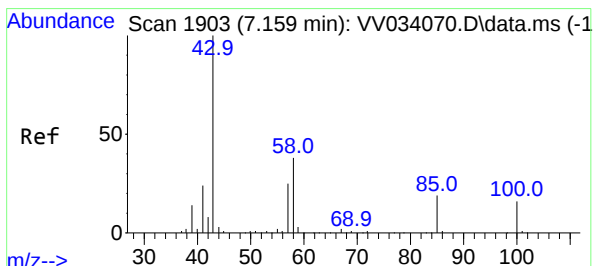
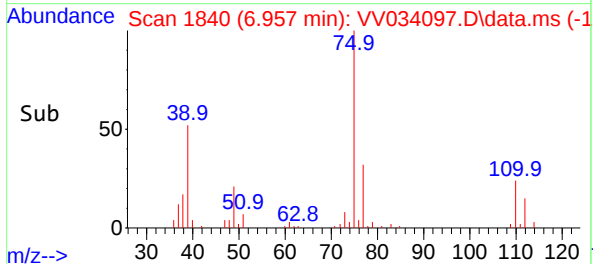
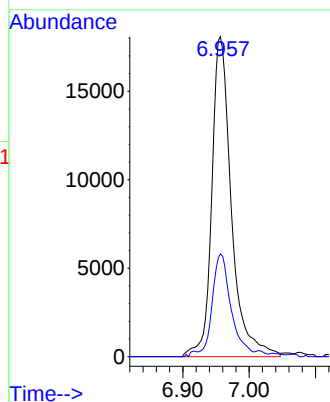
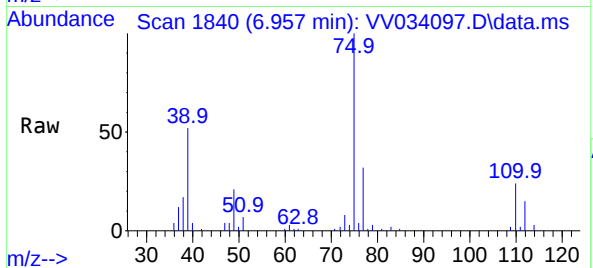




#39
cis-1,3-Dichloropropene
Concen: 4.827 ug/L
RT: 6.957 min Scan# 1840
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

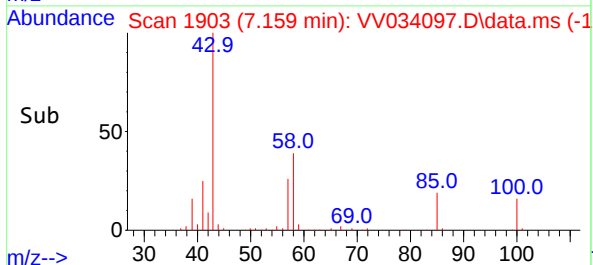
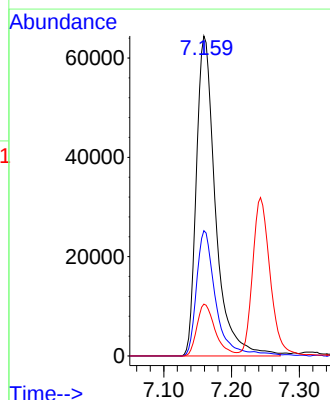
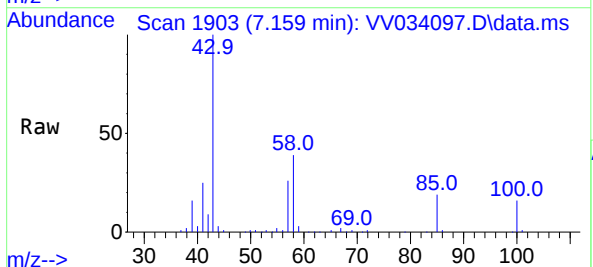
Instrument :
MSVOA_V
ClientSampleId :

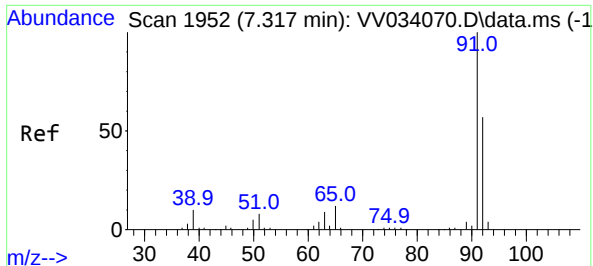
Tgt Ion: 75 Resp: 37159
Ion Ratio Lower Upper
75 100
77 32.1 22.9 42.5



#40
4-Methyl-2-pentanone
Concen: 52.228 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 43 Resp: 126526
Ion Ratio Lower Upper
43 100
58 38.1 30.2 45.2
100 15.5 12.1 18.1





#42

Toluene

Concen: 5.263 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV034097.D

Acq: 09 Feb 2024 08:47

Instrument :

MSVOA_V

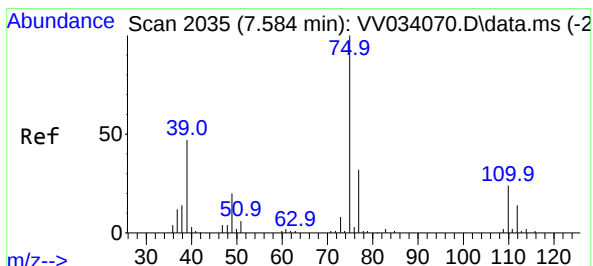
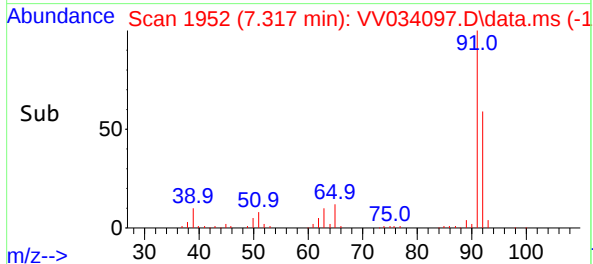
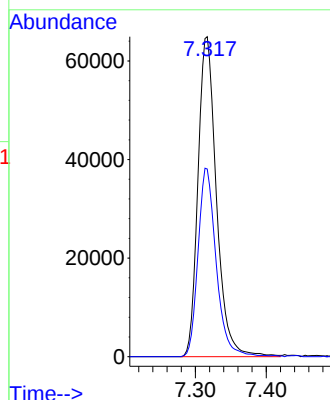
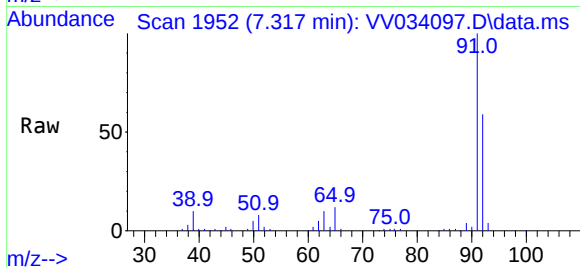
ClientSampleId :

Tgt Ion: 91 Resp: 117470

Ion Ratio Lower Upper

91 100

92 58.7 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.866 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034097.D

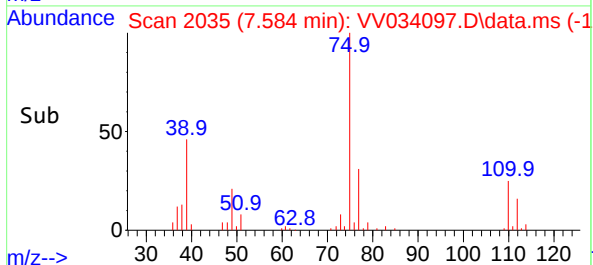
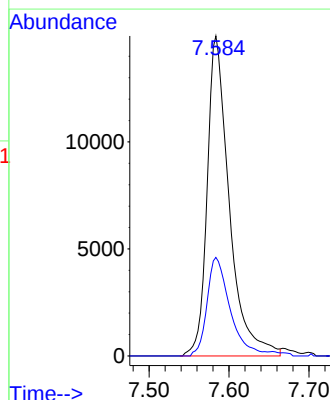
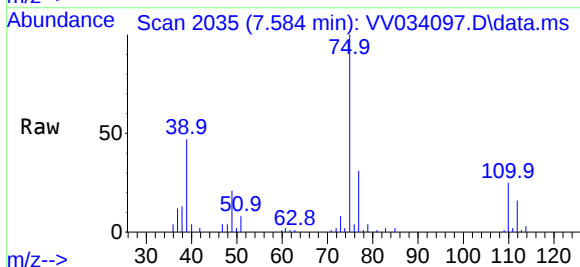
Acq: 09 Feb 2024 08:47

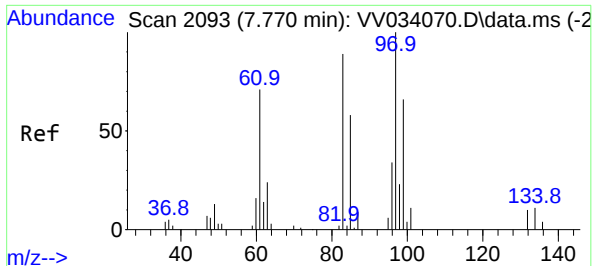
Tgt Ion: 75 Resp: 28758

Ion Ratio Lower Upper

75 100

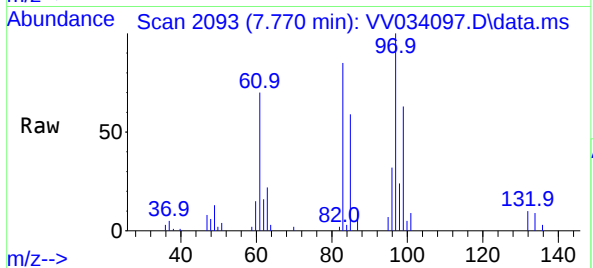
77 30.8 22.2 41.2





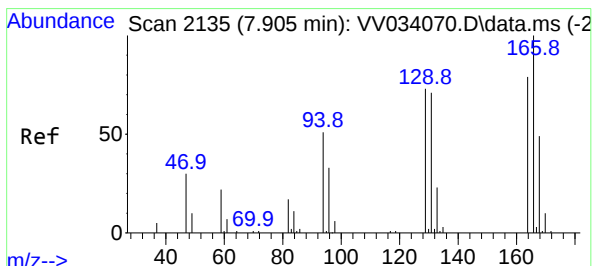
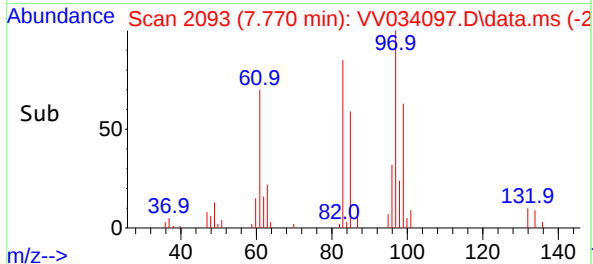
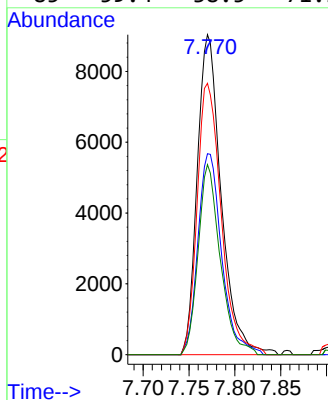
#45
1,1,2-Trichloroethane
Concen: 5.262 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 16438

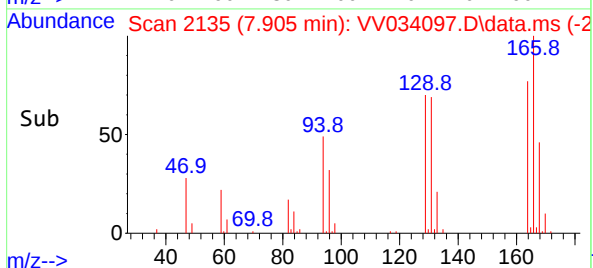
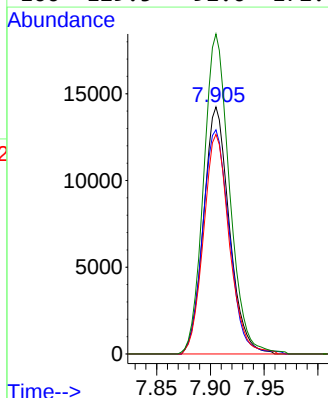
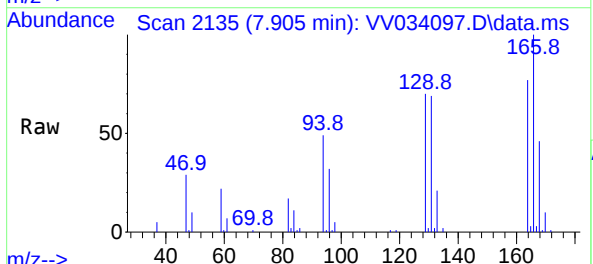
Ion	Ratio	Lower	Upper
97	100		
99	62.8	45.6	84.6
83	84.8	62.3	115.7
85	59.4	38.5	71.5

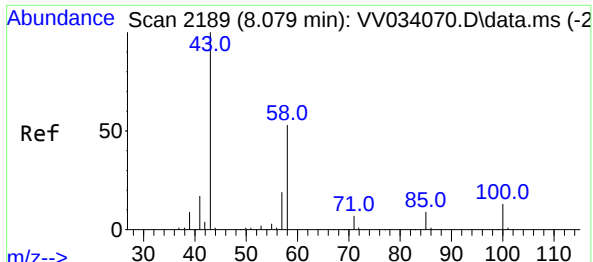


#47
Tetrachloroethene
Concen: 4.831 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 164 Resp: 23727

Ion	Ratio	Lower	Upper
164	100		
129	90.7	67.8	125.8
131	88.8	63.0	117.0
166	129.5	92.6	172.0



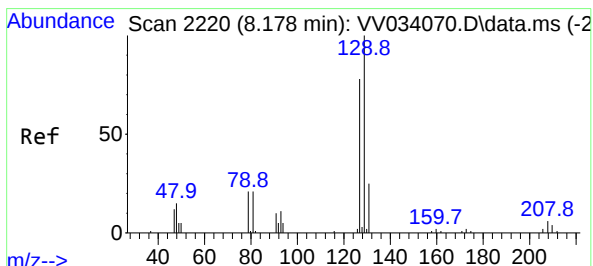
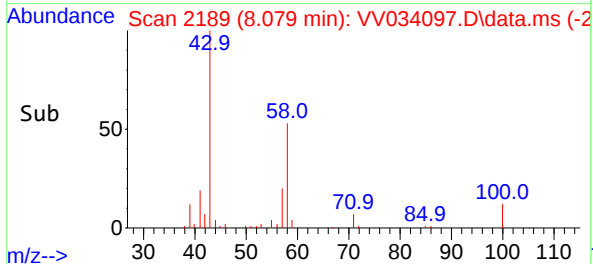
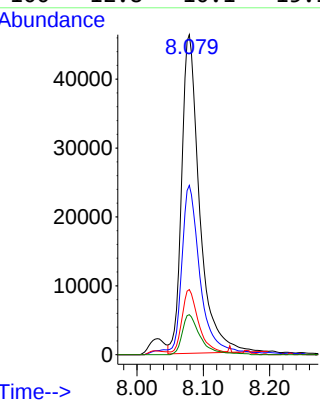
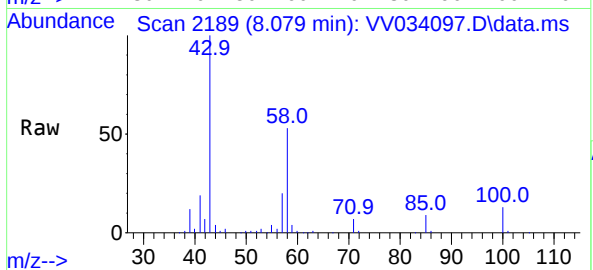


#48
2-Hexanone
Concen: 50.999 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 87089

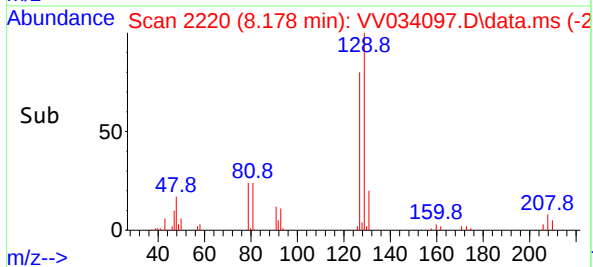
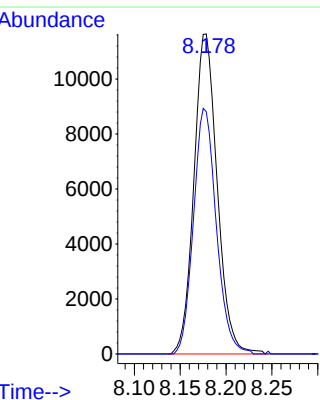
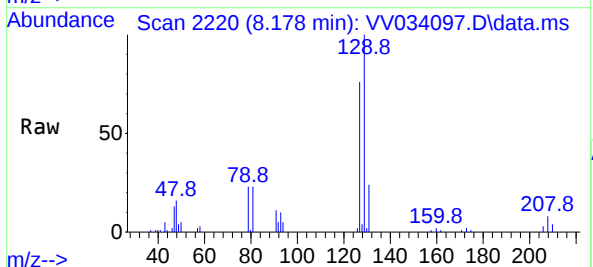
Ion	Ratio	Lower	Upper
43	100		
58	55.9	42.6	64.0
57	18.0	15.5	23.3
100	12.8	10.1	15.1

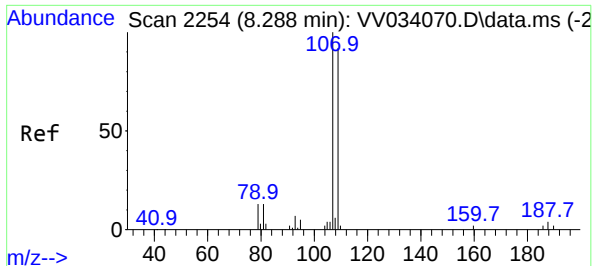


#49
Dibromochloromethane
Concen: 5.548 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 129 Resp: 20596

Ion	Ratio	Lower	Upper
129	100		
127	75.7	53.5	99.5

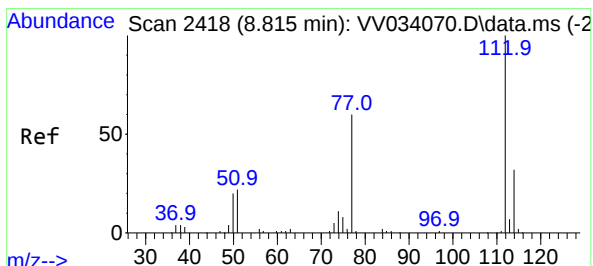
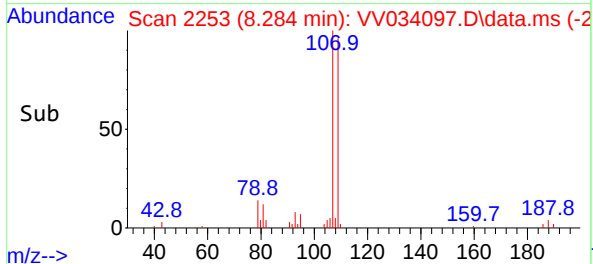
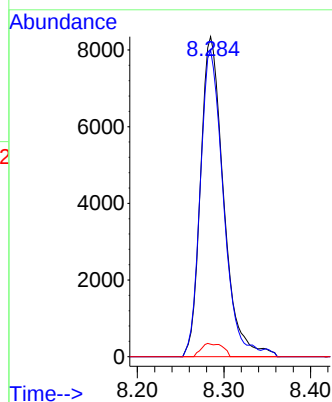
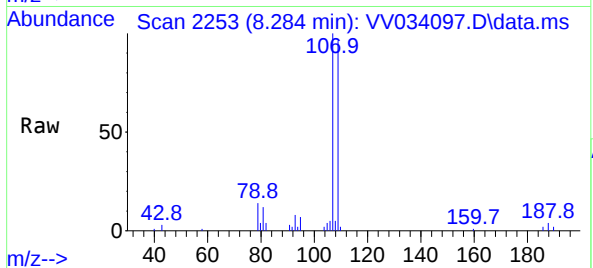




#50
1,2-Dibromoethane
Concen: 5.497 ug/L
RT: 8.284 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

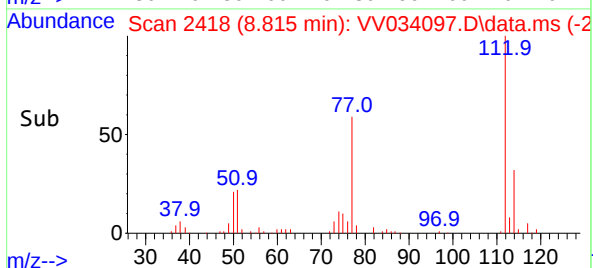
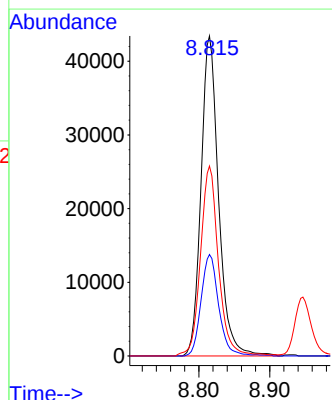
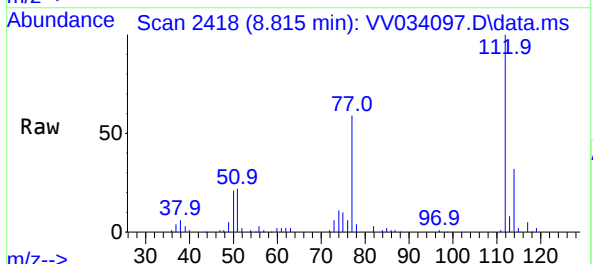
Instrument :
MSVOA_V
ClientSampleId :

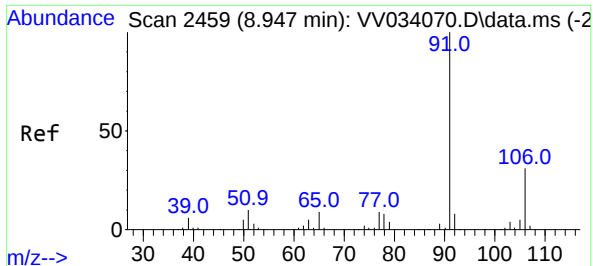
Tgt Ion:107 Resp: 15413
Ion Ratio Lower Upper
107 100
109 95.7 64.5 119.9
188 3.9 2.6 4.0



#51
Chlorobenzene
Concen: 5.294 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion:112 Resp: 74708
Ion Ratio Lower Upper
112 100
114 31.7 22.5 41.7
77 59.3 48.1 72.1

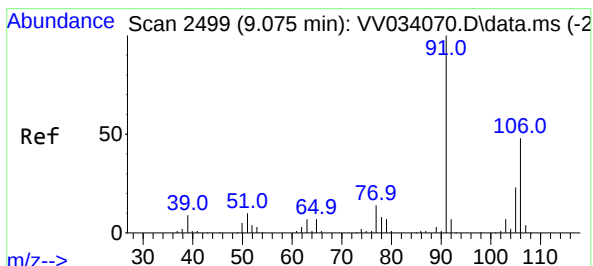
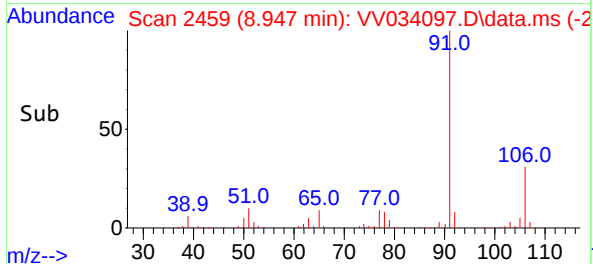
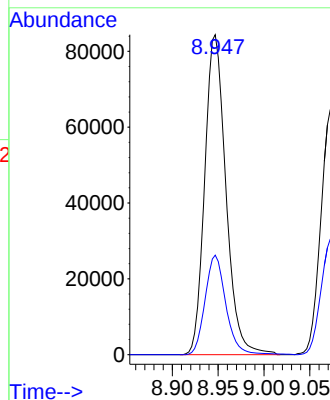
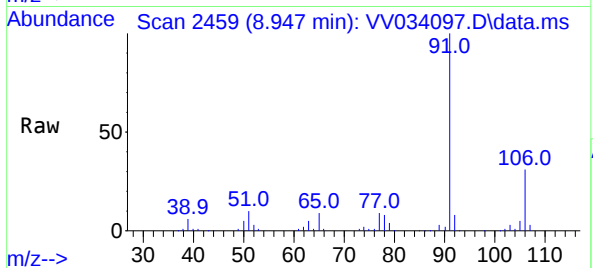




#52
Ethylbenzene
Concen: 5.280 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

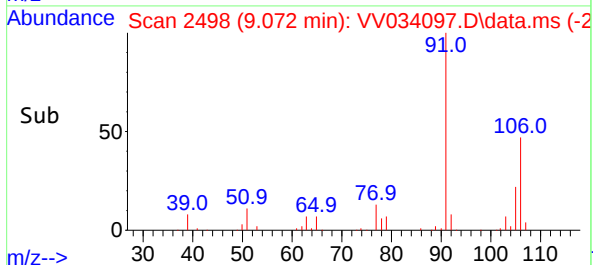
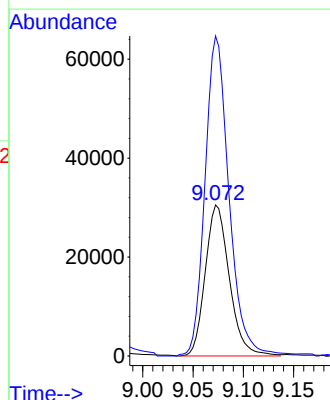
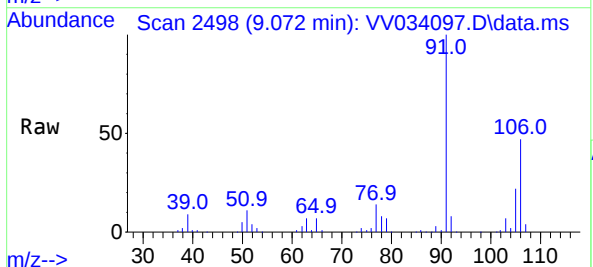
Instrument :
MSVOA_V
ClientSampleId :

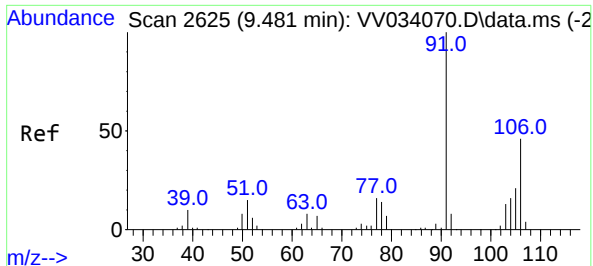
Tgt Ion: 91 Resp: 135652
Ion Ratio Lower Upper
91 100
106 31.1 21.4 39.8



#53
m,p-Xylene
Concen: 5.246 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 106 Resp: 50933
Ion Ratio Lower Upper
106 100
91 211.9 147.5 273.9

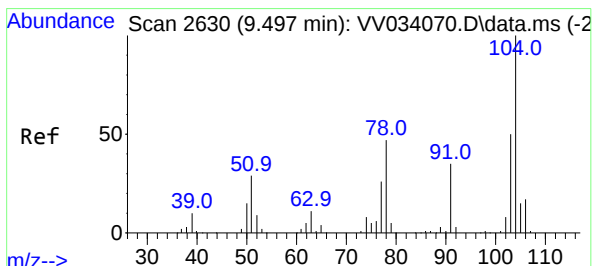
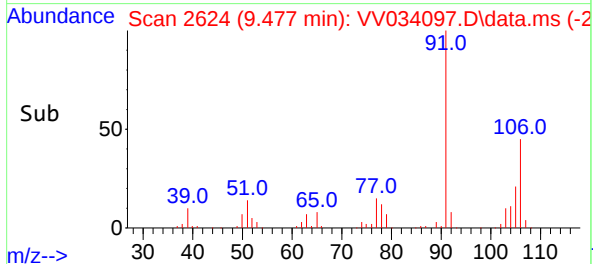
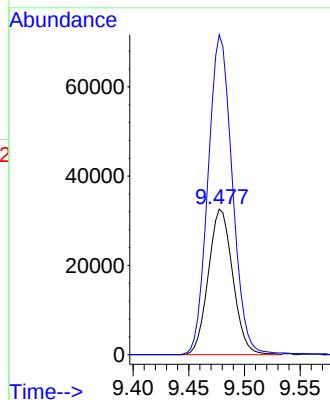
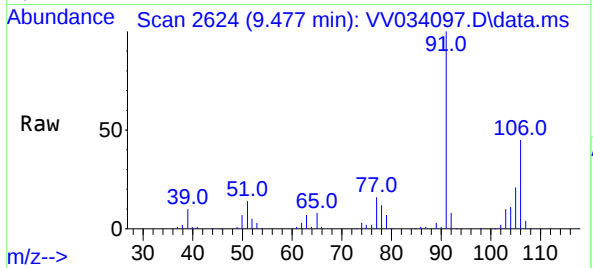




#54
o-Xylene
Concen: 5.310 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

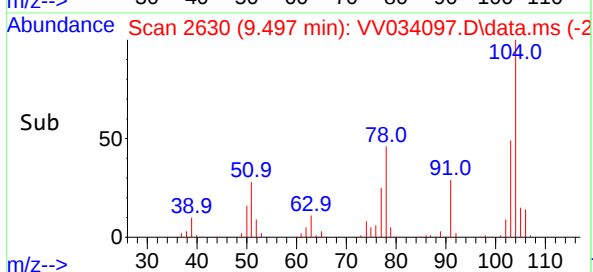
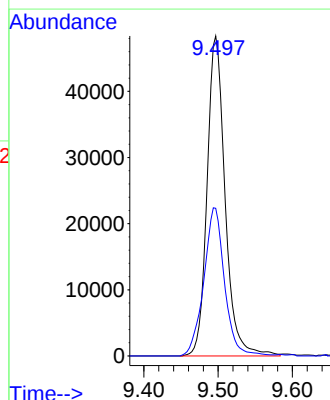
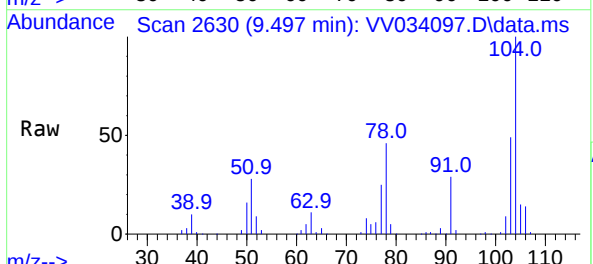
Instrument :
MSVOA_V
ClientSampleId :

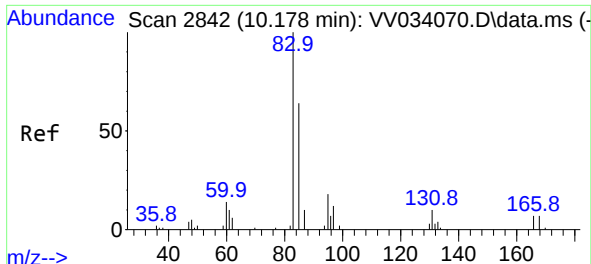
Tgt Ion:106 Resp: 49711
Ion Ratio Lower Upper
106 100
91 219.8 156.2 290.0



#55
Styrene
Concen: 5.437 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion:104 Resp: 81511
Ion Ratio Lower Upper
104 100
78 46.2 32.9 61.1

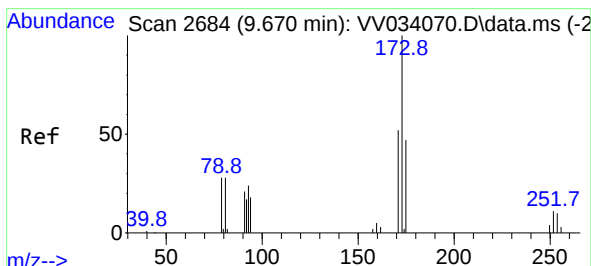
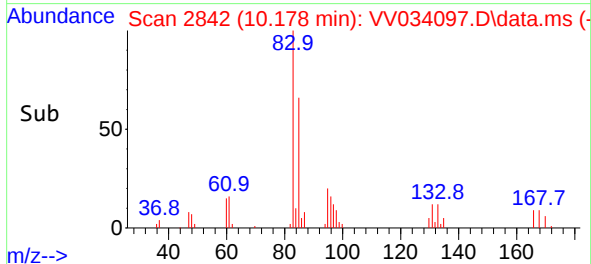
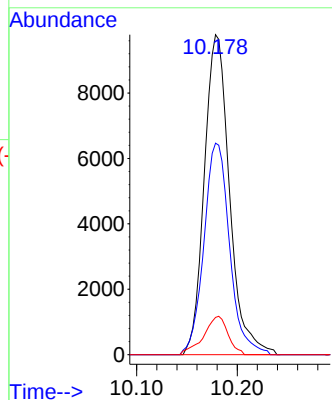
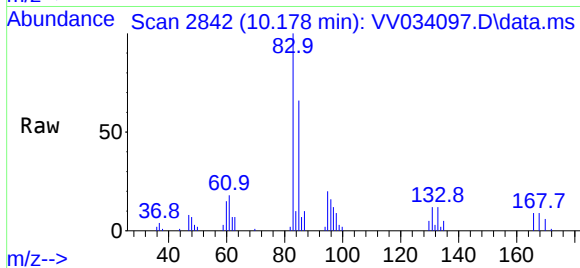




#57
1,1,2,2-Tetrachloroethane
Concen: 5.178 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

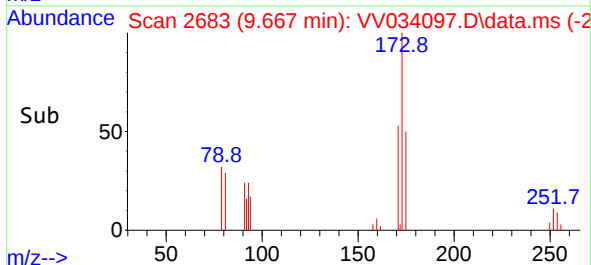
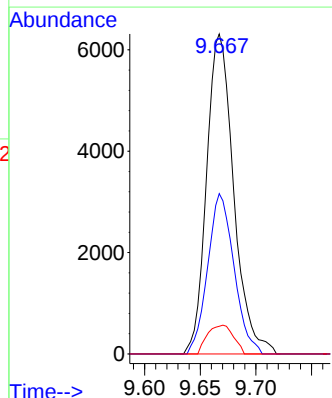
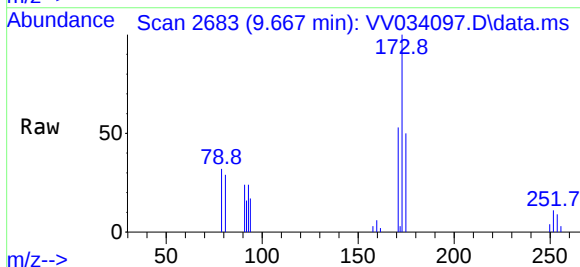
Instrument :
MSVOA_V
ClientSampleId :

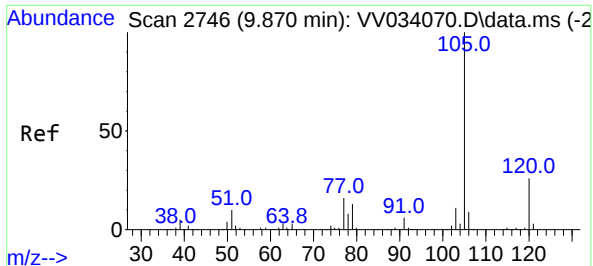
Tgt Ion: 83 Resp: 17072
Ion Ratio Lower Upper
83 100
85 66.1 46.5 86.3
131 11.7 8.4 12.6



#59
Bromoform
Concen: 5.388 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 173 Resp: 10687
Ion Ratio Lower Upper
173 100
175 48.6 38.6 57.8
254 8.6 7.2 10.8

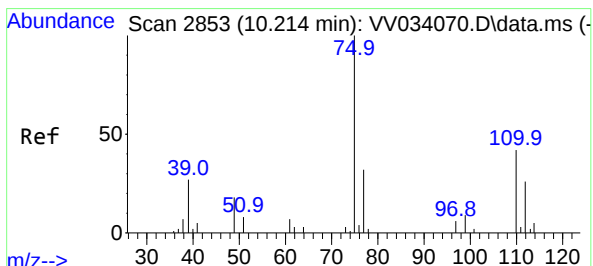
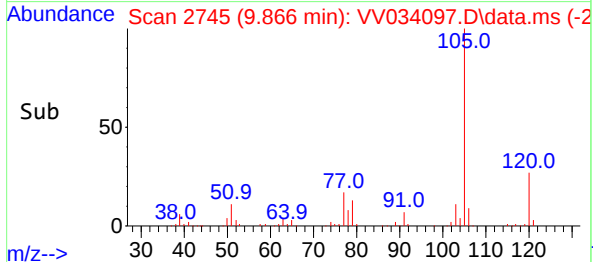
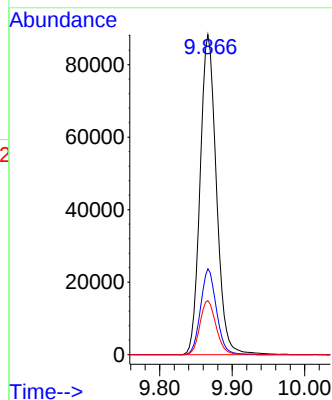
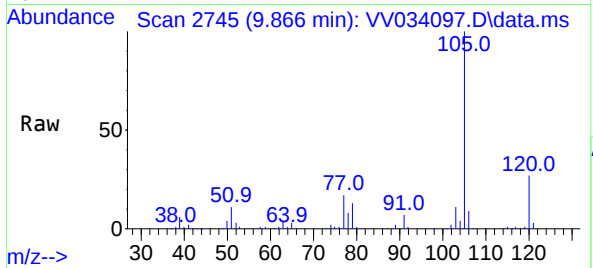




#60
Isopropylbenzene
Concen: 5.172 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

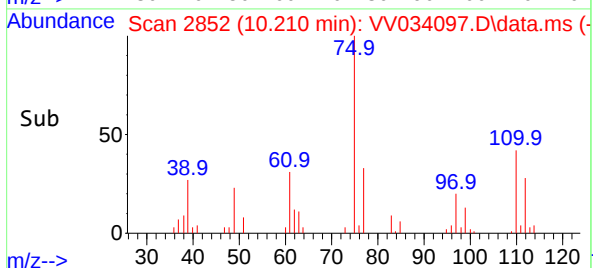
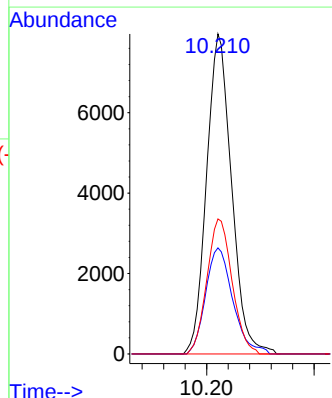
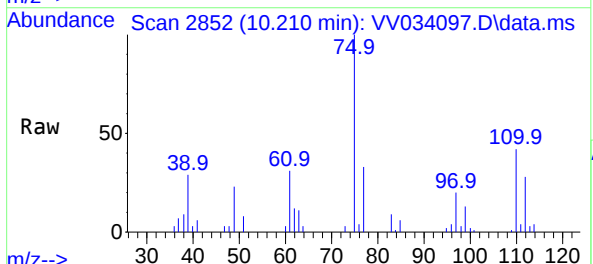
Instrument :
MSVOA_V
ClientSampleId :

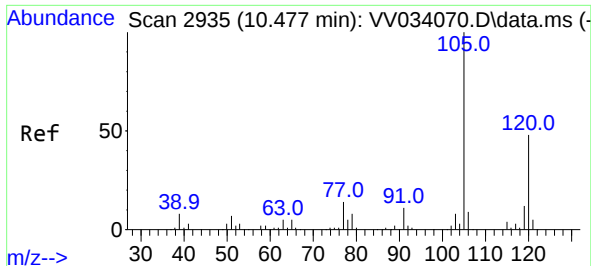
Tgt Ion:105 Resp: 137793
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 16.8 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.187 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 75 Resp: 12840
Ion Ratio Lower Upper
75 100
77 36.2 26.9 40.3
110 42.6 33.3 49.9

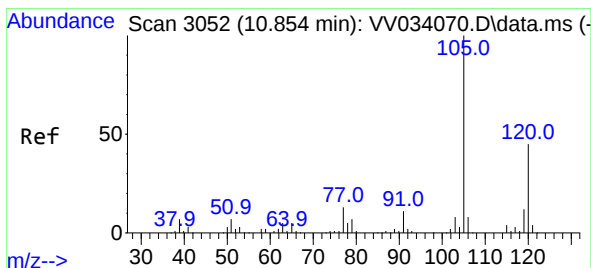
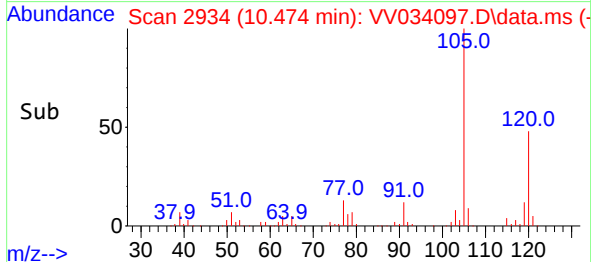
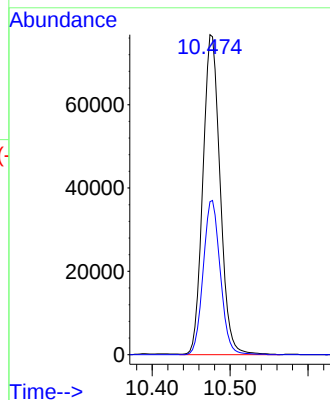
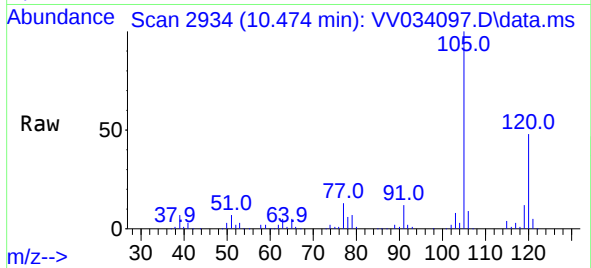




#62
1,3,5-Trimethylbenzene
Concen: 5.237 ug/L
RT: 10.474 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

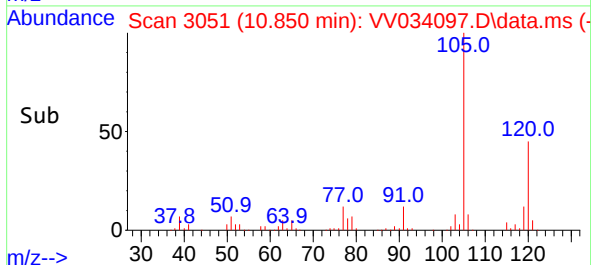
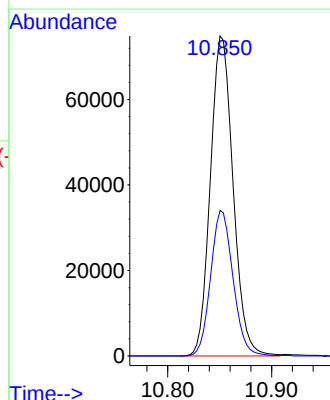
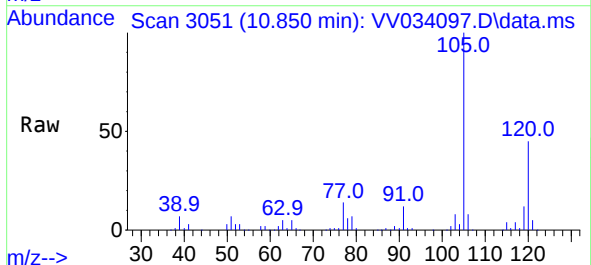
Instrument :
MSVOA_V
ClientSampleId :

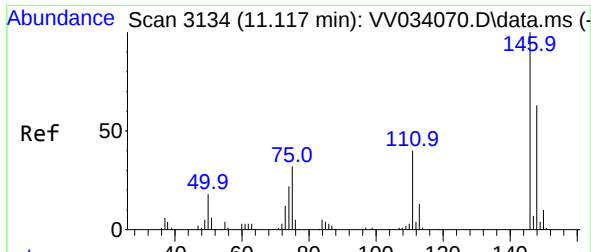
Tgt Ion:105 Resp: 117949
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.193 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion:105 Resp: 113638
Ion Ratio Lower Upper
105 100
120 44.8 36.2 54.2

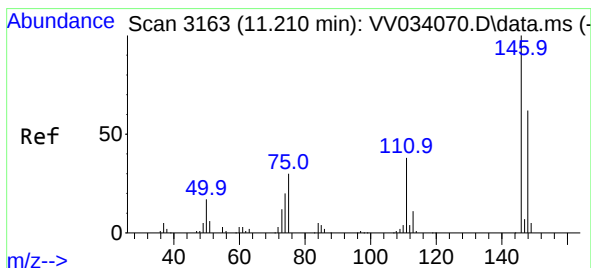
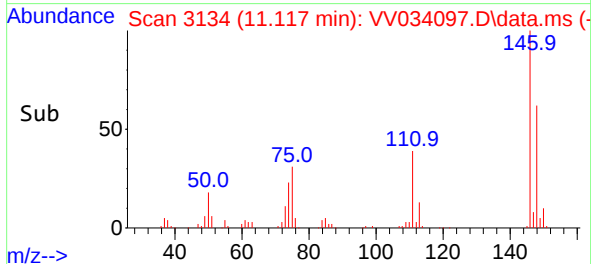
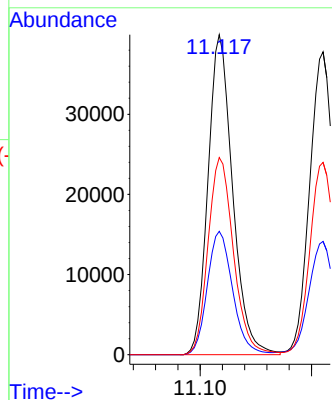
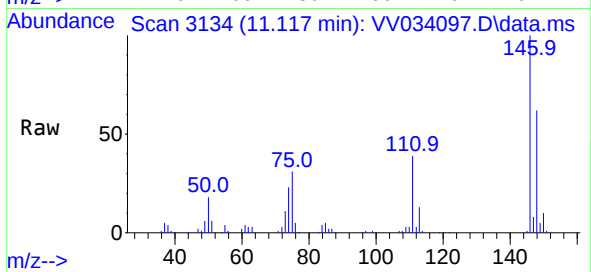




#64
1,3-Dichlorobenzene
Concen: 5.274 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

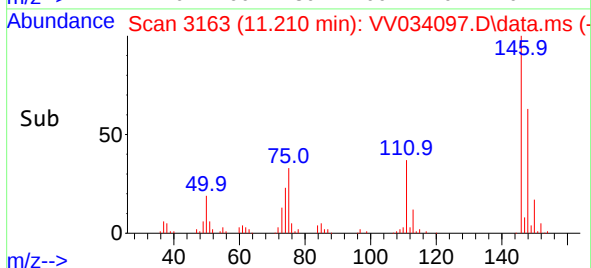
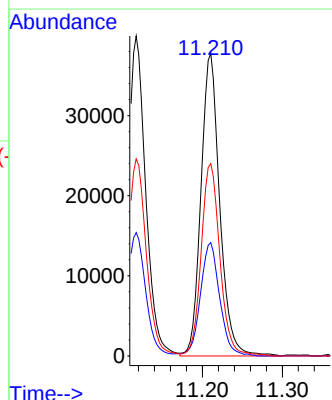
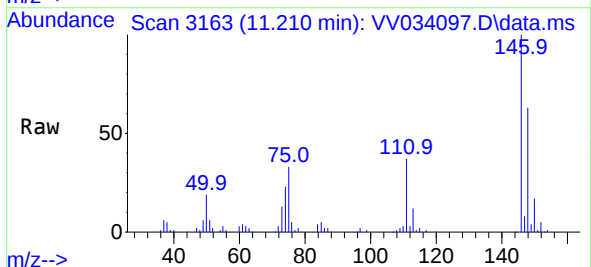
Instrument :
MSVOA_V
ClientSampleId :

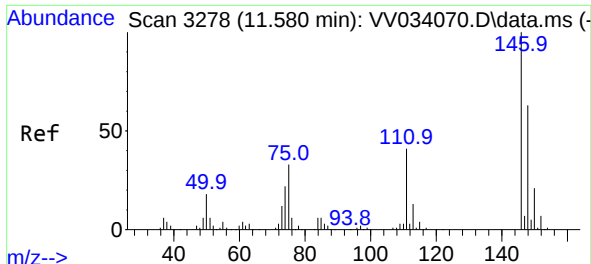
Tgt Ion:146 Resp: 61272
Ion Ratio Lower Upper
146 100
111 38.5 28.5 52.9
148 61.6 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.373 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

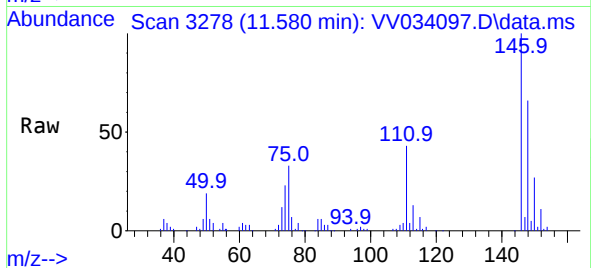
Tgt Ion:146 Resp: 61799
Ion Ratio Lower Upper
146 100
111 37.4 27.6 51.4
148 63.5 44.8 83.2



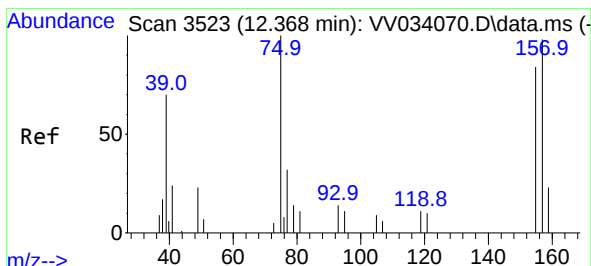
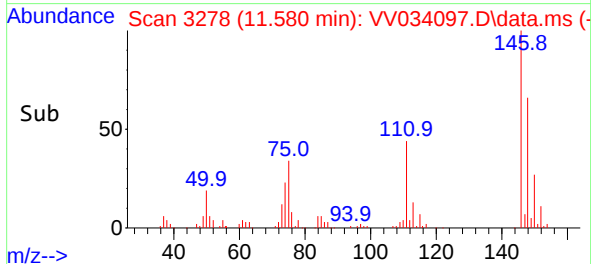
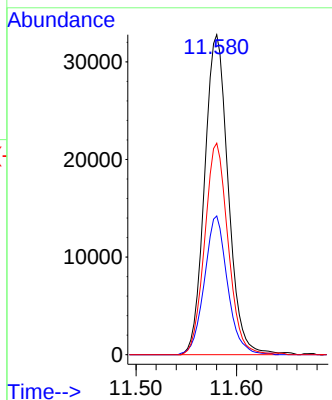


#67
1,2-Dichlorobenzene
Concen: 5.361 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Instrument :
MSVOA_V
ClientSampleId :

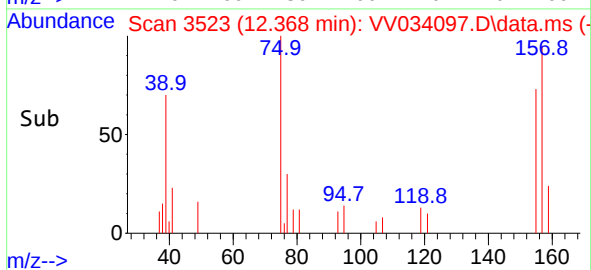
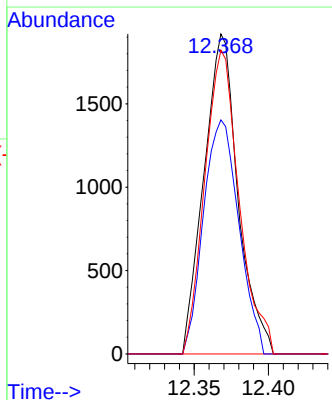
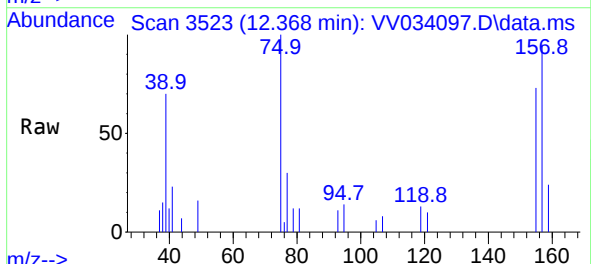


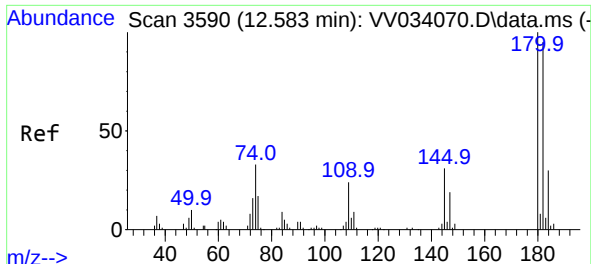
Tgt Ion:146 Resp: 53481
Ion Ratio Lower Upper
146 100
111 43.4 31.2 46.8
148 66.1 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.897 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion: 75 Resp: 3059
Ion Ratio Lower Upper
75 100
155 73.2 68.9 103.3
157 94.9 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 5.269 ug/L

RT: 12.583 min Scan# 31

Delta R.T. 0.000 min

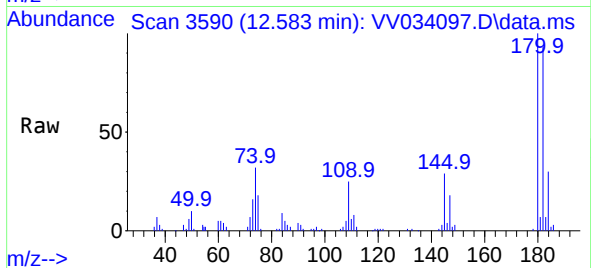
Lab File: VV034097.D

Acq: 09 Feb 2024 08:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 47367

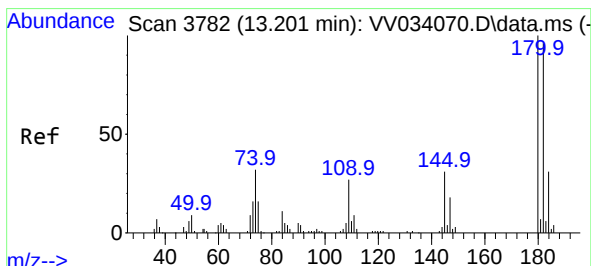
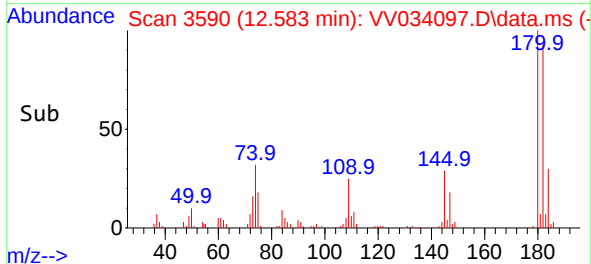
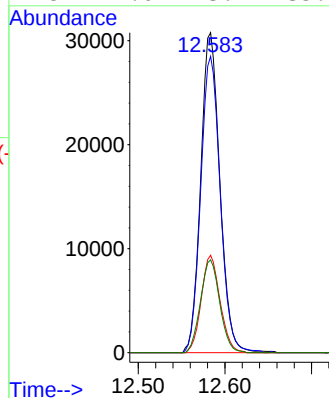
Ion Ratio Lower Upper

180 100

182 93.9 77.0 115.4

184 29.7 23.8 35.6

145 29.0 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.371 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.003 min

Lab File: VV034097.D

Acq: 09 Feb 2024 08:47

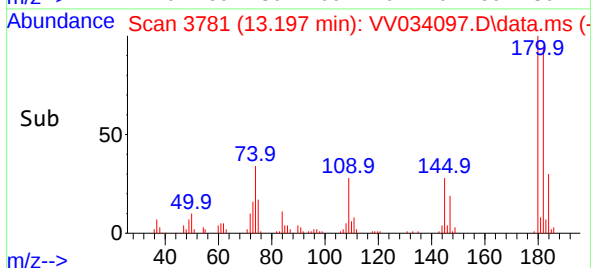
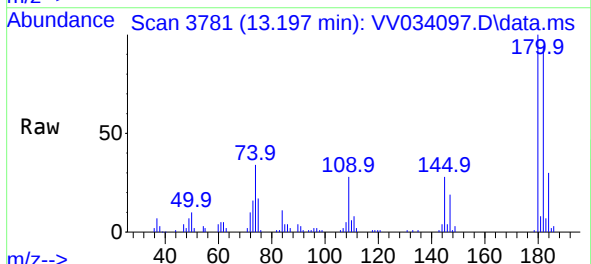
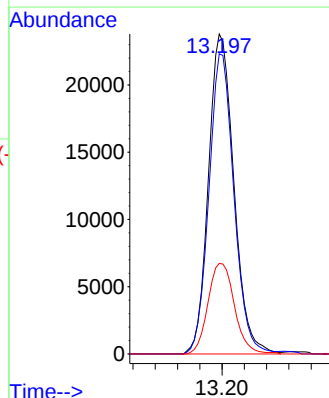
Tgt Ion:180 Resp: 37695

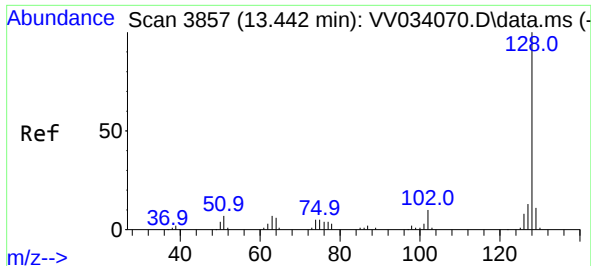
Ion Ratio Lower Upper

180 100

182 92.3 76.8 115.2

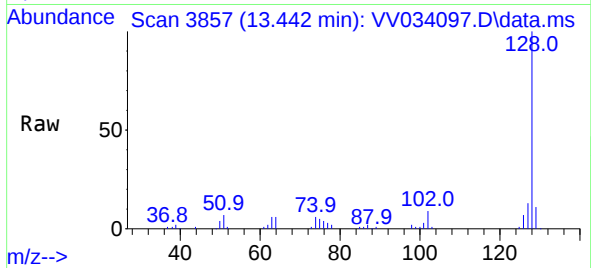
145 29.5 24.8 37.2





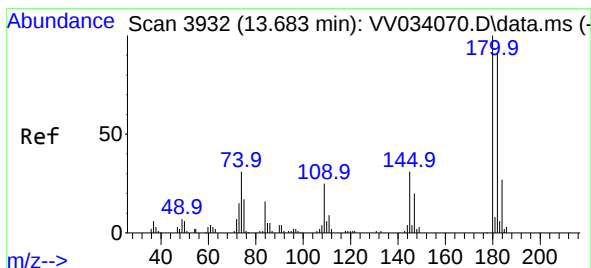
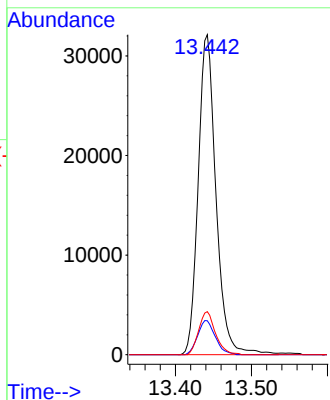
#71
Naphthalene
Concen: 5.681 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 52237

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.5	12.7
127	12.7	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.605 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.003 min
Lab File: VV034097.D
Acq: 09 Feb 2024 08:47

Tgt Ion:180 Resp: 31518

Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.0	112.6
145	30.8	25.2	37.8

