

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034410.D
 Acq On : 26 Feb 2024 15:22
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 27 05:00:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 04:52:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	142929	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	133941	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	70773	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	41570	5.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.200%	
7) Chloroethane-d5	1.532	69	36925	5.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 100.800%	
11) 1,1-Dichloroethene-d2	2.056	65	19409	5.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 100.600%	
20) 2-Butanone-d5	3.825	46	126512	58.320	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 116.640%	
24) Chloroform-d	4.249	84	90336	5.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 108.400%	
26) 1,2-Dichloroethane-d4	4.944	65	47157	5.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.200%	
32) Benzene-d6	4.960	84	157519	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 104.600%	
36) 1,2-Dichloropropane-d6	5.989	67	48030	5.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.800%	
41) Toluene-d8	7.243	98	144151	5.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 106.600%	
43) trans-1,3-Dichloroprop...	7.558	79	19743	5.891	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 117.800%	
46) 2-Hexanone-d5	8.027	63	111550	58.860	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 117.720%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	40230	5.649	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 113.000%	
66) 1,2-Dichlorobenzene-d4	11.561	152	57208	5.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 106.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	47703	5.287	ug/L	97
3) Chloromethane	1.214	50	53087	4.958	ug/L	98
5) Vinyl chloride	1.281	62	54782	5.175	ug/L	98
6) Bromomethane	1.487	94	31553	5.250	ug/L	97
8) Chloroethane	1.548	64	37019	4.942	ug/L	97
9) Trichlorofluoromethane	1.712	101	93395	5.419	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	49451	5.320	ug/L	99
12) 1,1-Dichloroethene	2.066	96	47313	5.286	ug/L	94
13) Acetone	2.153	43	106903	48.453	ug/L	99
14) Carbon disulfide	2.236	76	131751	5.494	ug/L	100
15) Methyl Acetate	2.391	43	17928	4.737	ug/L	93
16) Methylene chloride	2.445	84	54969	5.377	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	130642	5.614	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	48096	5.283	ug/L	99
19) 1,1-Dichloroethane	3.111	63	95036	5.425	ug/L	98
21) 2-Butanone	3.902	43	136971	56.549	ug/L	94
22) cis-1,2-Dichloroethene	3.812	96	53295	5.324	ug/L	98
23) Bromochloromethane	4.146	128	23713	5.683	ug/L	97
25) Chloroform	4.275	83	96698	5.314	ug/L	100

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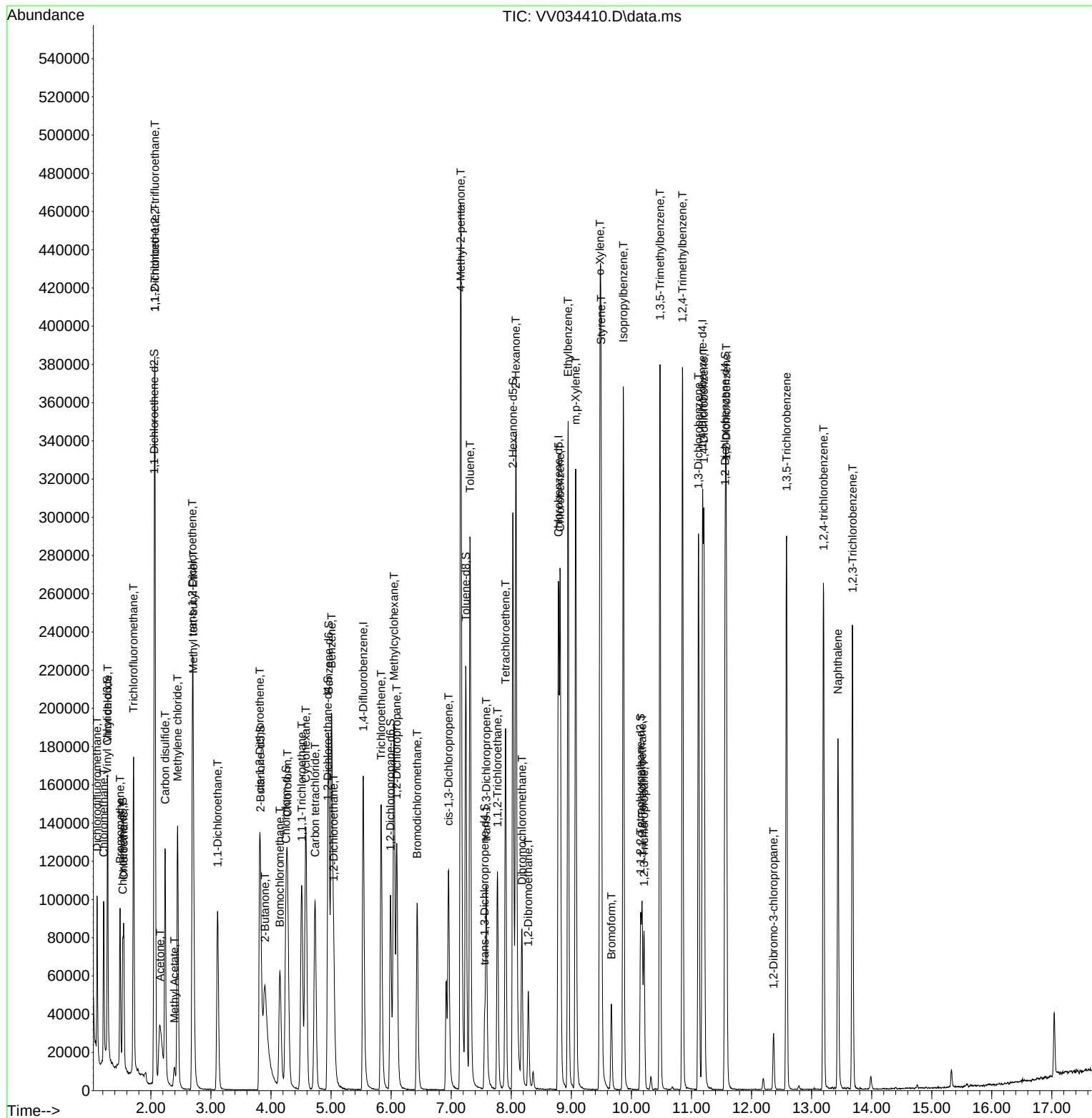
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	63687	5.735	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	88832	5.302	ug/L	100
30) Cyclohexane	4.580	56	76796	5.329	ug/L	99
31) Carbon tetrachloride	4.735	117	75066	5.162	ug/L	100
33) Benzene	5.008	78	195869	5.284	ug/L	100
34) Trichloroethene	5.834	95	54125	5.591	ug/L	99
35) Methylcyclohexane	6.050	83	79314	5.219	ug/L	96
37) 1,2-Dichloropropane	6.092	63	48754	5.320	ug/L	97
38) Bromodichloromethane	6.432	83	65547	5.249	ug/L	97
39) cis-1,3-Dichloropropene	6.956	75	72056	5.674	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	332962	58.737	ug/L	99
42) Toluene	7.313	91	205707	5.282	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	60821	5.897	ug/L	95
45) 1,1,2-Trichloroethane	7.770	97	35334	5.669	ug/L	97
47) Tetrachloroethene	7.905	164	40318	5.309	ug/L	98
48) 2-Hexanone	8.079	43	237507	58.825	ug/L	99
49) Dibromochloromethane	8.178	129	40288	5.552	ug/L	96
50) 1,2-Dibromoethane	8.284	107	32859	5.636	ug/L	98
51) Chlorobenzene	8.815	112	136345	5.389	ug/L	97
52) Ethylbenzene	8.947	91	238188	5.430	ug/L	99
53) m,p-Xylene	9.072	106	88763	5.445	ug/L	99
54) o-Xylene	9.477	106	88149	5.416	ug/L	99
55) Styrene	9.497	104	148392	5.670	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	41895	5.619	ug/L	98
59) Bromoform	9.667	173	19066	5.276	ug/L	98
60) Isopropylbenzene	9.866	105	226910	5.356	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	32015	5.863	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	201247	5.443	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	203041	5.483	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	113822	5.532	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	108619	5.319	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	101996	5.288	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	7856	5.694	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	84560	5.356	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	75455	5.475	ug/L	98
71) Naphthalene	13.439	128	142260	6.041	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	68816	5.575	ug/L	99

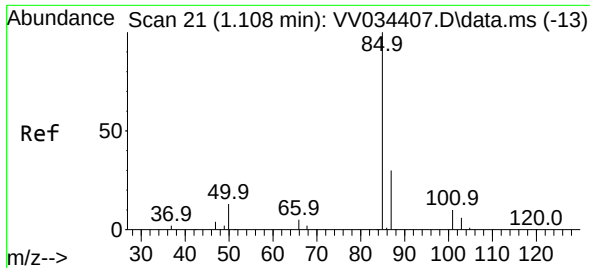
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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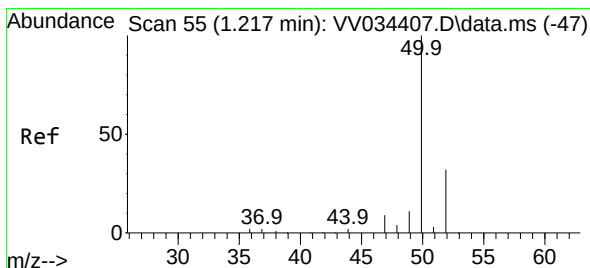
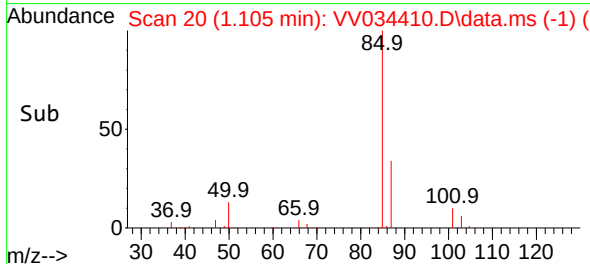
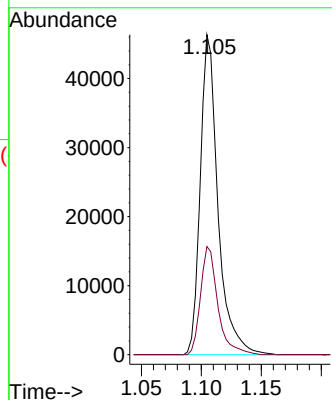
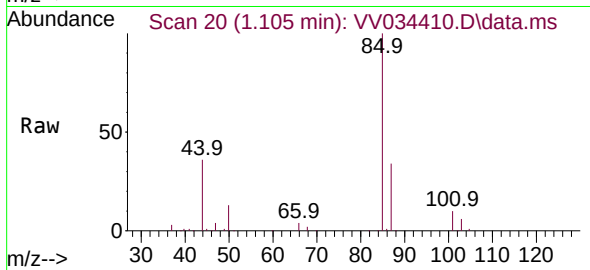




#2
 Dichlorodifluoromethane
 Concen: 5.287 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV034410.D
 Acq: 26 Feb 2024 15:22

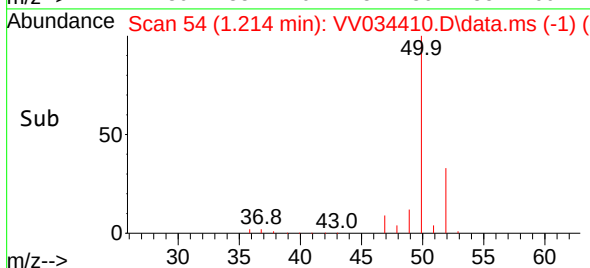
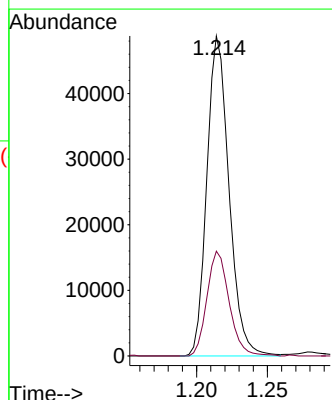
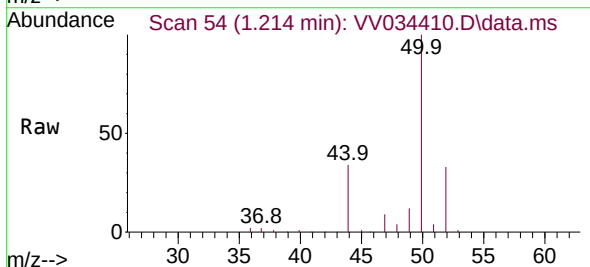
Instrument :
 MSVOA_V
 ClientSampleId :

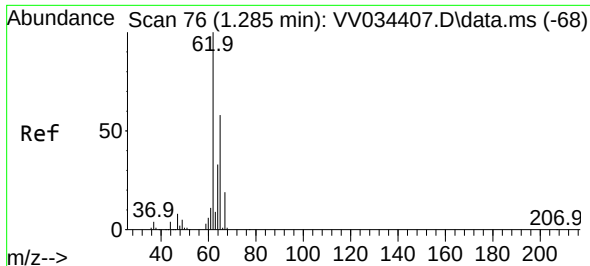
Tgt Ion: 85 Resp: 47703
 Ion Ratio Lower Upper
 85 100
 87 33.0 24.9 37.3



#3
 Chloromethane
 Concen: 4.958 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV034410.D
 Acq: 26 Feb 2024 15:22

Tgt Ion: 50 Resp: 53087
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.3 41.3

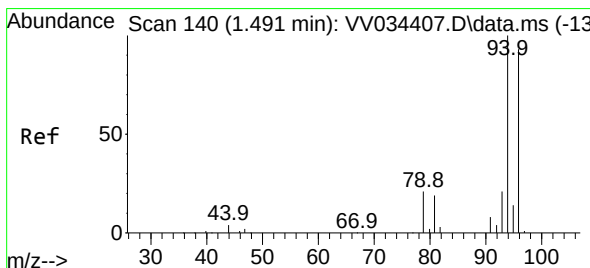
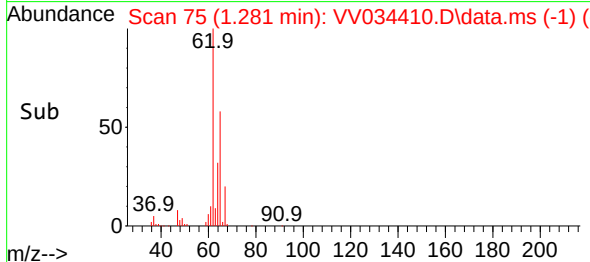
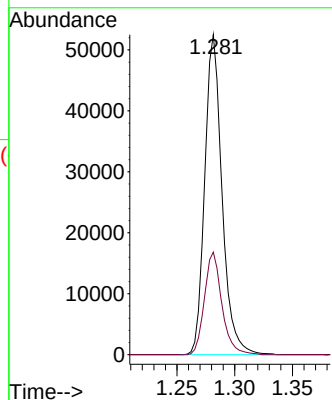
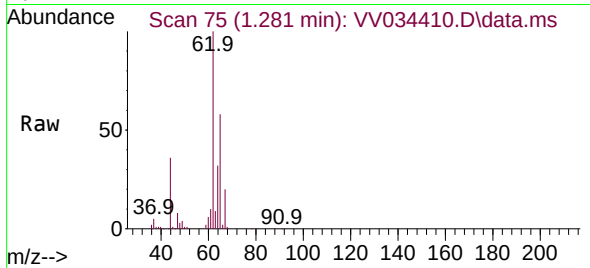




#5
 Vinyl chloride
 Concen: 5.175 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV034410.D
 Acq: 26 Feb 2024 15:22

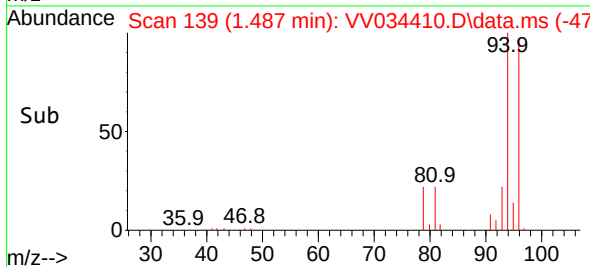
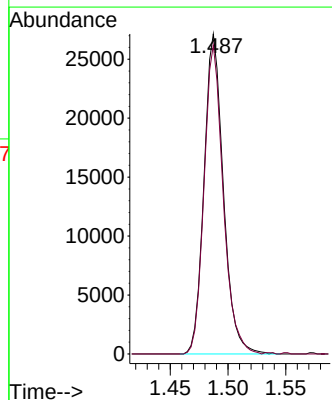
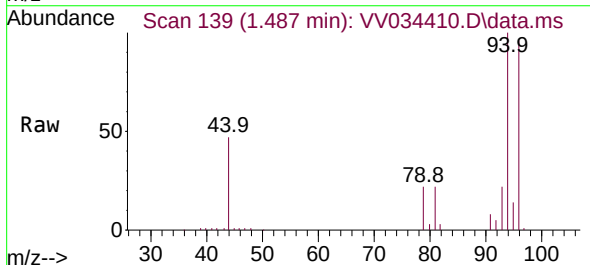
Instrument :
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 ClientSampleId :

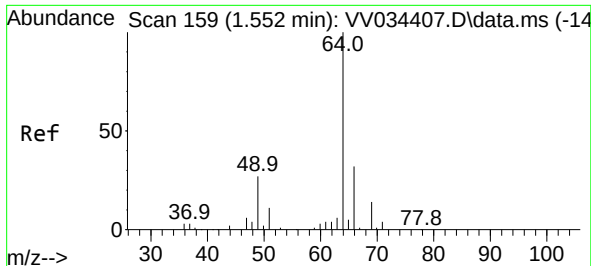
Tgt Ion: 62 Resp: 54782
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.4 43.4



#6
 Bromomethane
 Concen: 5.250 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV034410.D
 Acq: 26 Feb 2024 15:22

Tgt Ion: 94 Resp: 31553
 Ion Ratio Lower Upper
 94 100
 96 96.5 65.5 121.7





#8

Chloroethane

Concen: 4.942 ug/L

RT: 1.548 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

Instrument :

MSVOA_V

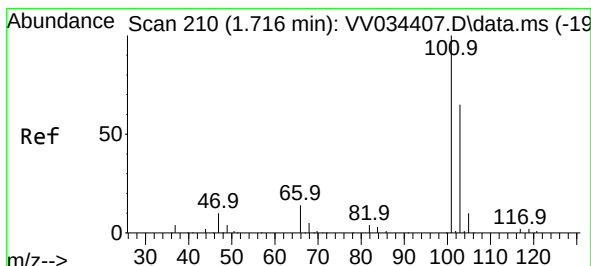
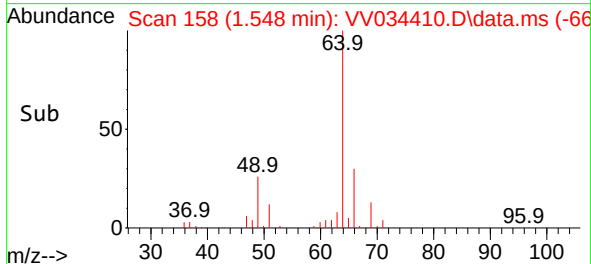
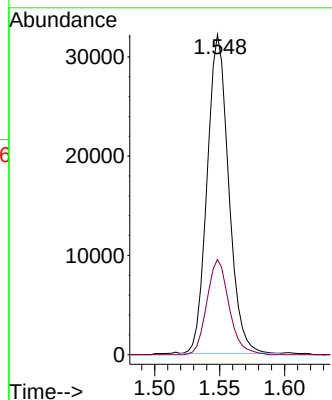
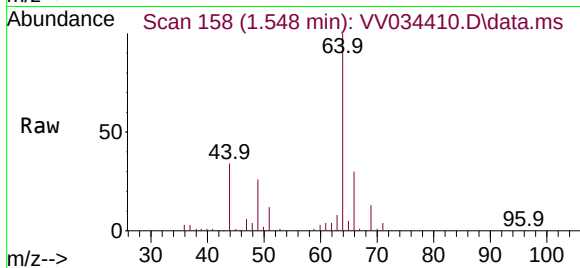
ClientSampleId :

Tgt Ion: 64 Resp: 37019

Ion Ratio Lower Upper

64 100

66 29.7 22.1 41.1



#9

Trichlorofluoromethane

Concen: 5.419 ug/L

RT: 1.712 min Scan# 209

Delta R.T. -0.003 min

Lab File: VV034410.D

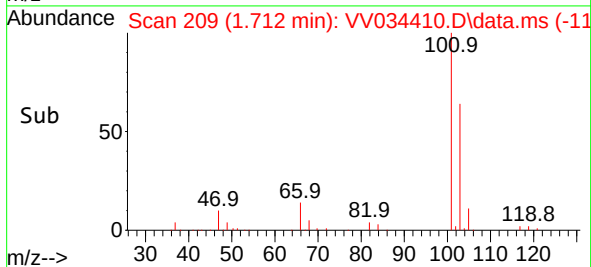
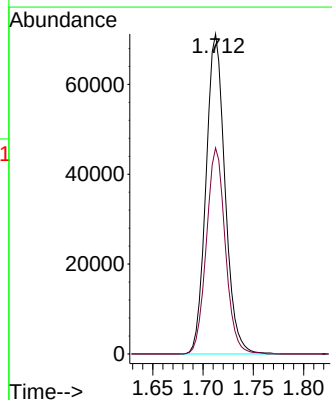
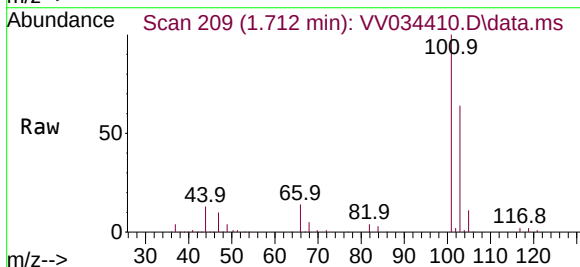
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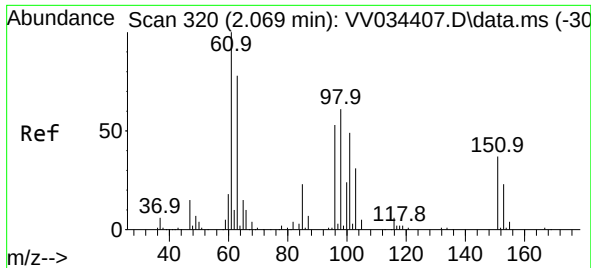
Tgt Ion:101 Resp: 93395

Ion Ratio Lower Upper

101 100

103 64.2 52.0 78.0

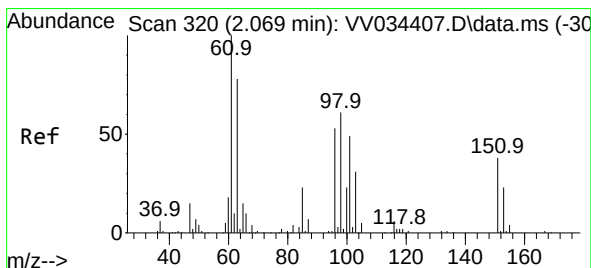
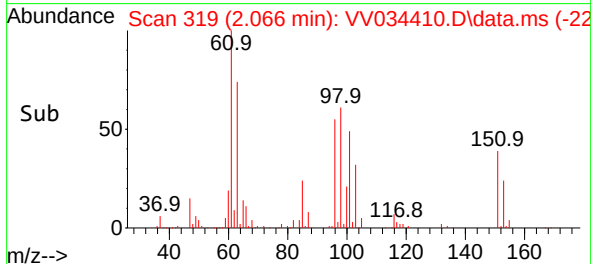
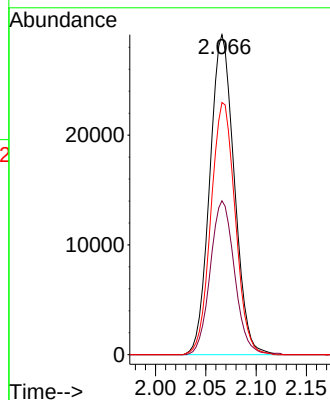
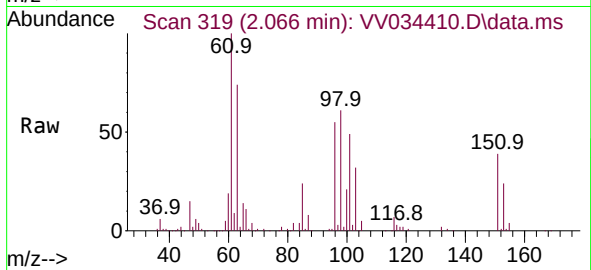




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.320 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV034410.D
 Acq: 26 Feb 2024 15:22

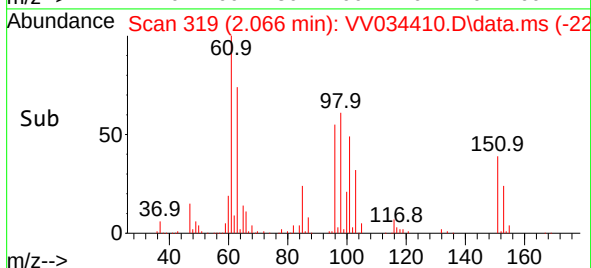
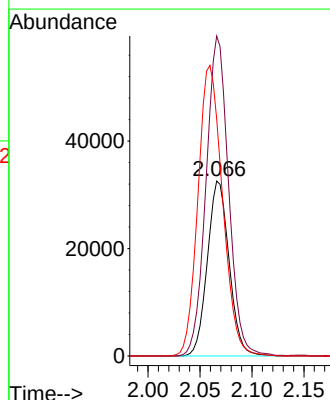
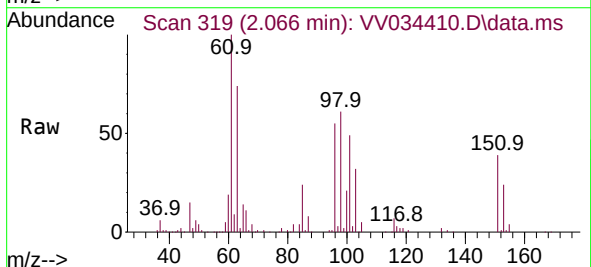
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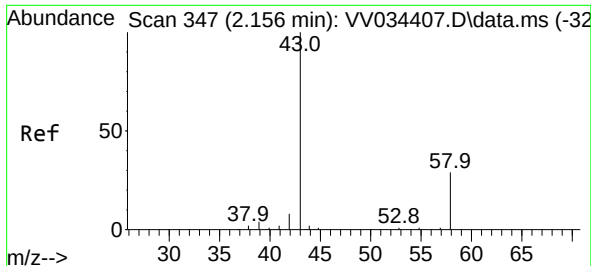
Tgt Ion:101 Resp: 49451
 Ion Ratio Lower Upper
 101 100
 85 47.6 37.9 56.9
 151 78.3 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 5.286 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV034410.D
 Acq: 26 Feb 2024 15:22

Tgt Ion: 96 Resp: 47313
 Ion Ratio Lower Upper
 96 100
 61 182.9 131.3 243.8
 63 135.5 102.8 191.0





#13

Acetone

Concen: 48.453 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

Instrument :

MSVOA_V

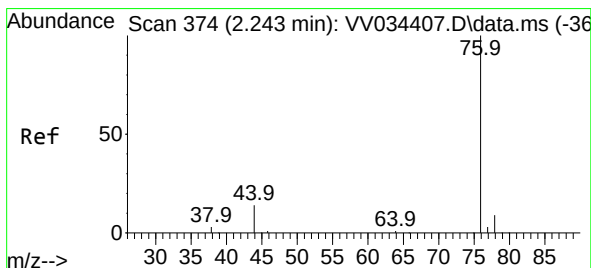
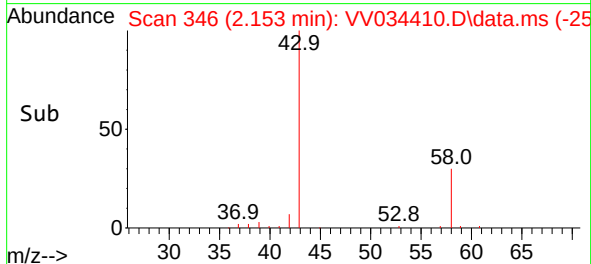
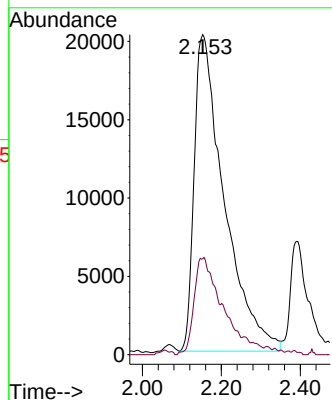
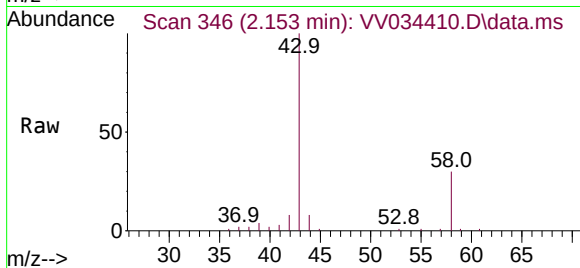
ClientSampleId :

Tgt Ion: 43 Resp: 106903

Ion Ratio Lower Upper

43 100

58 27.4 0.0 56.2



#14

Carbon disulfide

Concen: 5.494 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.007 min

Lab File: VV034410.D

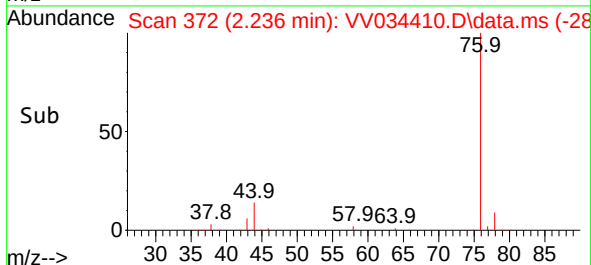
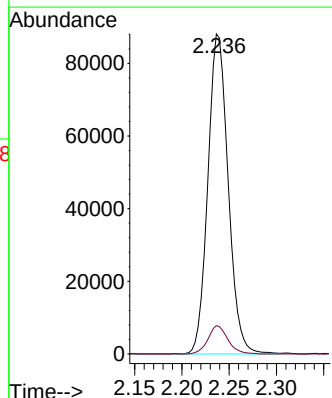
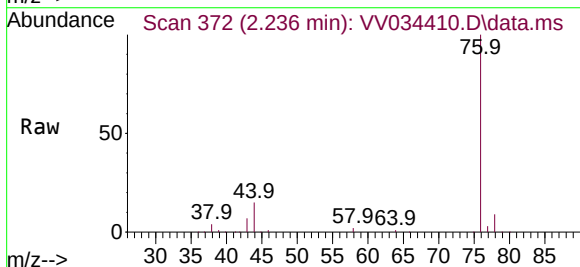
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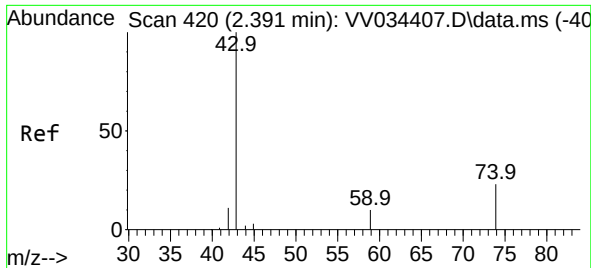
Tgt Ion: 76 Resp: 131751

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4

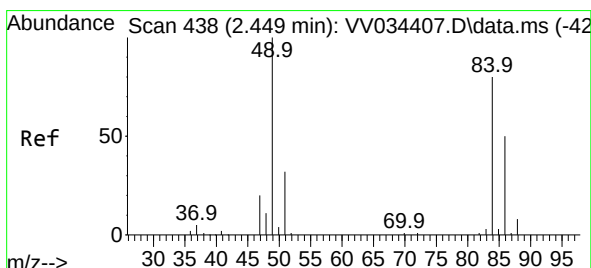
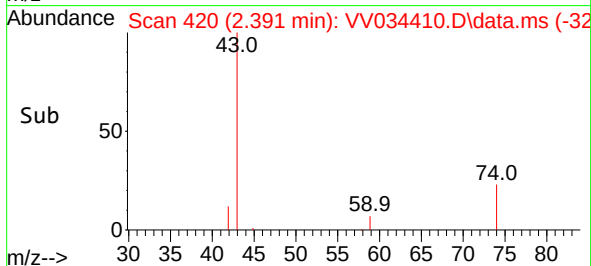
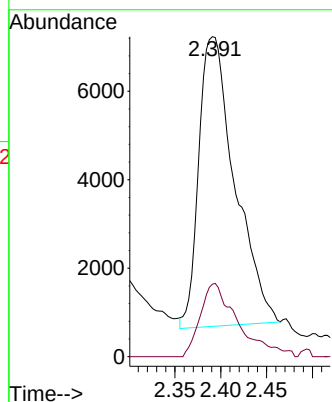
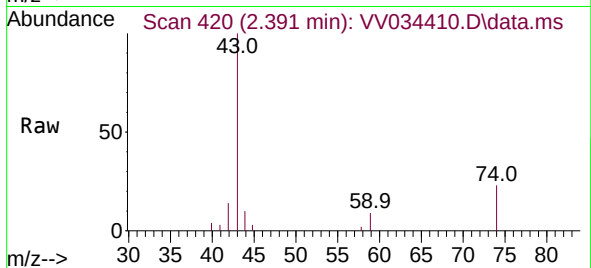




#15
Methyl Acetate
Concen: 4.737 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

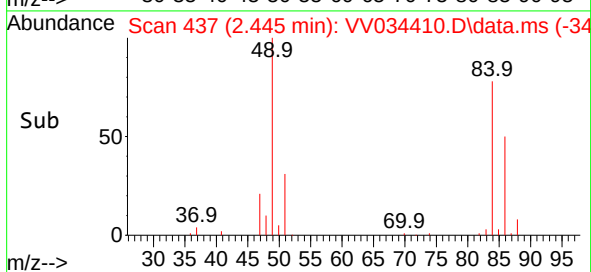
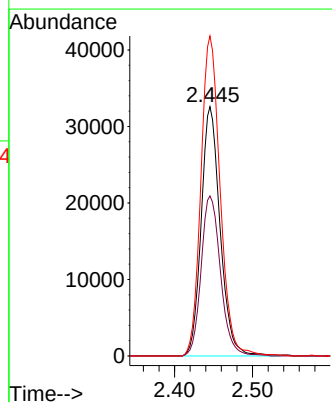
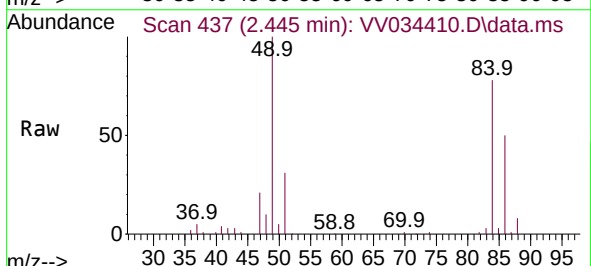
Instrument :
MSVOA_V
ClientSampleId :

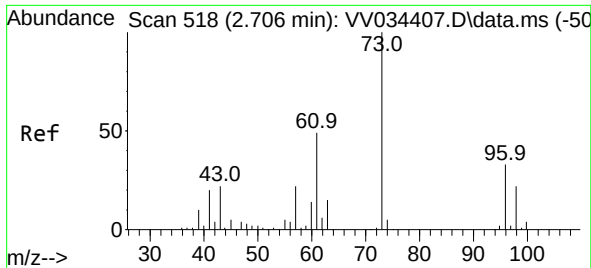
Tgt Ion: 43 Resp: 17928
Ion Ratio Lower Upper
43 100
74 26.5 18.6 28.0



#16
Methylene chloride
Concen: 5.377 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

Tgt Ion: 84 Resp: 54969
Ion Ratio Lower Upper
84 100
86 64.2 43.8 81.4
49 128.4 87.6 162.8

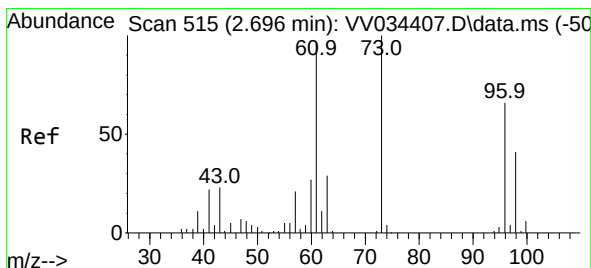
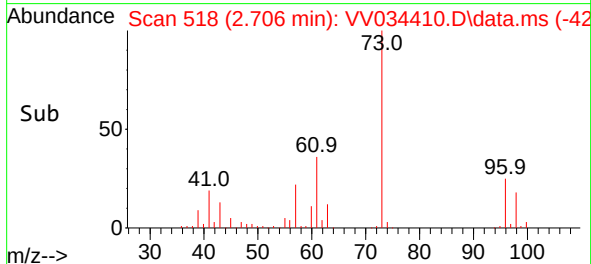
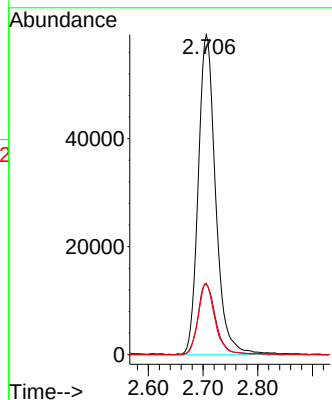
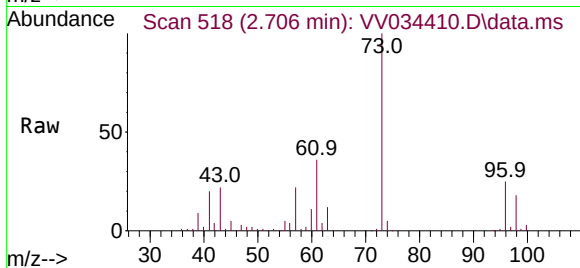




#17
Methyl tert-butyl Ether
Concen: 5.614 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

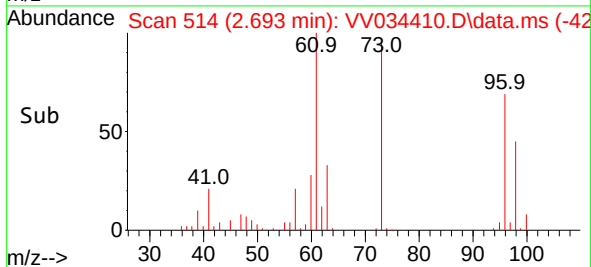
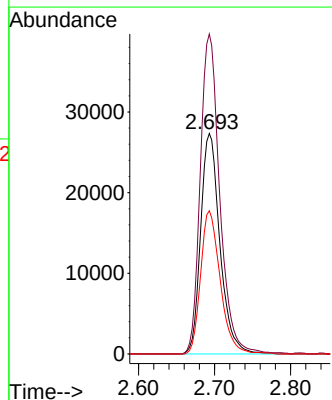
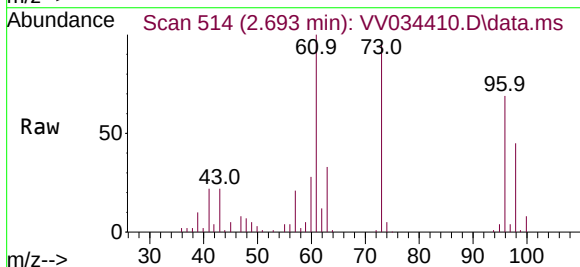
Instrument :
MSVOA_V
ClientSampleId :

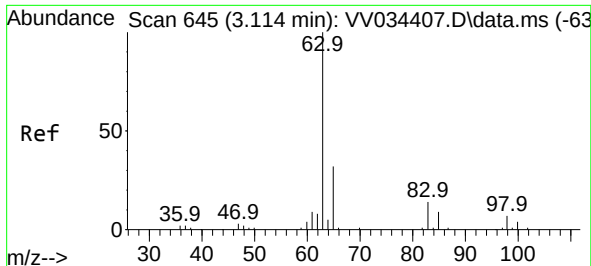
Tgt Ion: 73 Resp: 130642
Ion Ratio Lower Upper
73 100
43 21.7 18.0 27.0
57 21.5 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 5.283 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

Tgt Ion: 96 Resp: 48096
Ion Ratio Lower Upper
96 100
61 145.1 101.3 188.1
98 64.9 43.5 80.7





#19

1,1-Dichloroethane

Concen: 5.425 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV034410.D

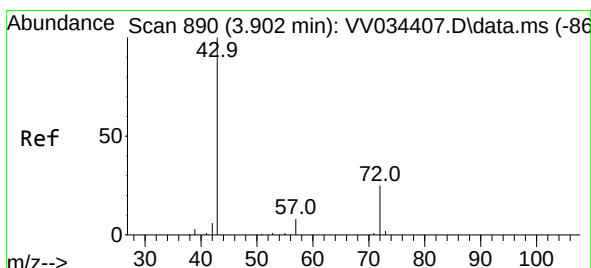
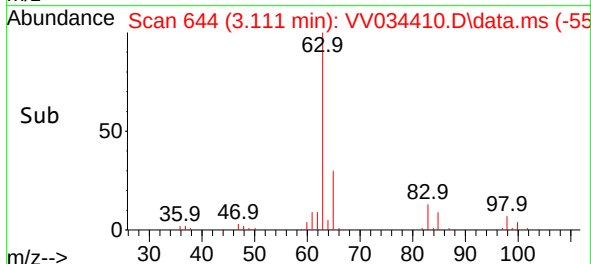
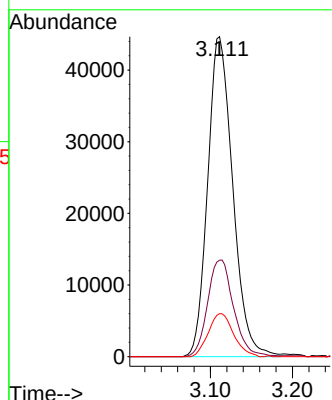
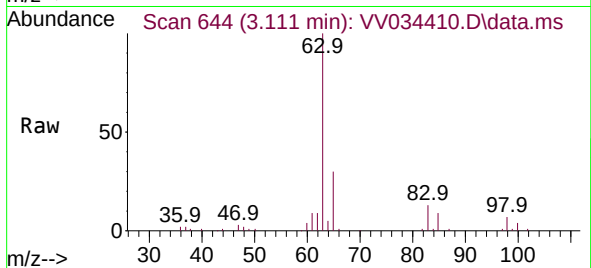
Acq: 26 Feb 2024 15:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 95036
Ion Ratio	Lower Upper
63 100	
65 30.2	22.0 41.0
83 13.4	10.1 18.9



#21

2-Butanone

Concen: 56.549 ug/L

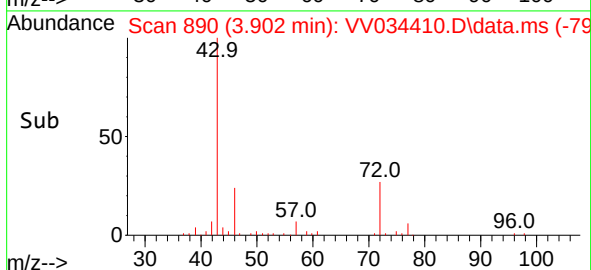
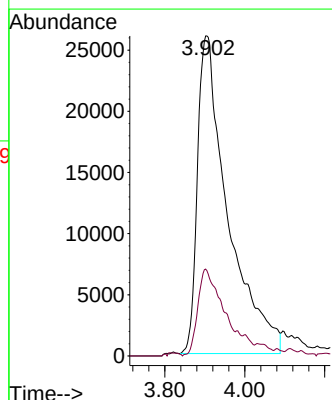
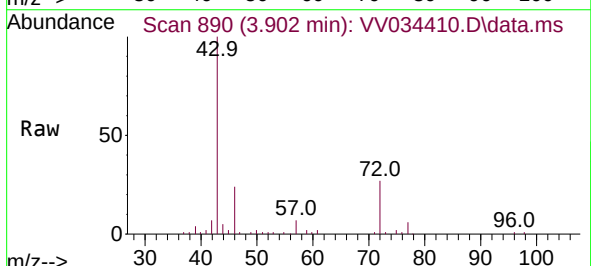
RT: 3.902 min Scan# 890

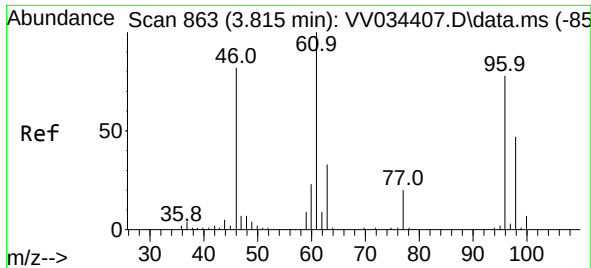
Delta R.T. -0.000 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

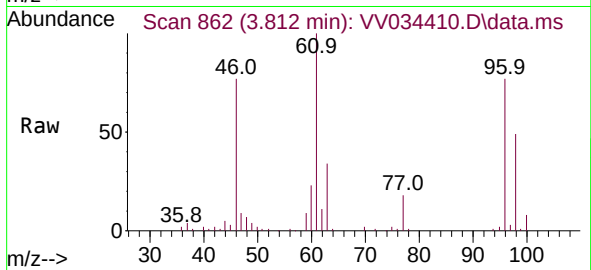
Tgt Ion: 43	Resp: 136971
Ion Ratio	Lower Upper
43 100	
72 21.6	12.4 37.0



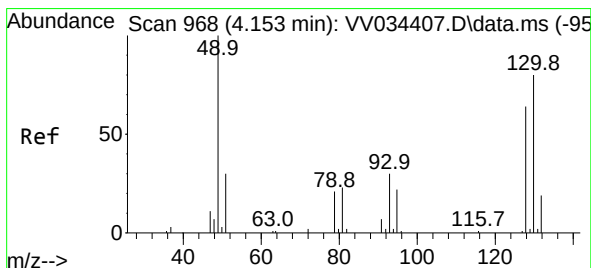
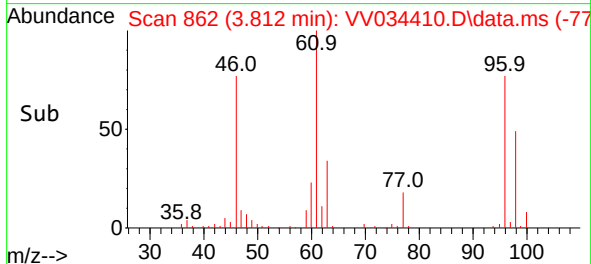
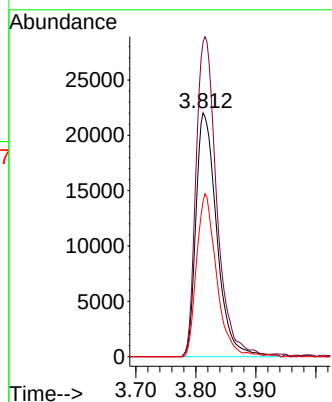


#22
 cis-1,2-Dichloroethene
 Concen: 5.324 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. -0.003 min
 Lab File: VV034410.D
 Acq: 26 Feb 2024 15:22

Instrument :
 MSVOA_V
 ClientSampleId :

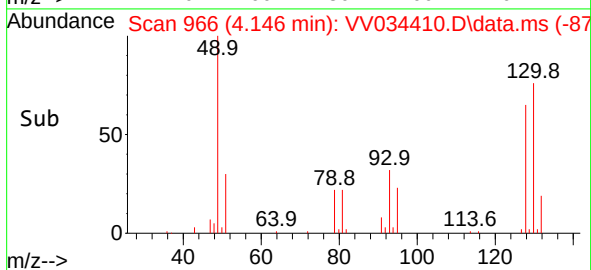
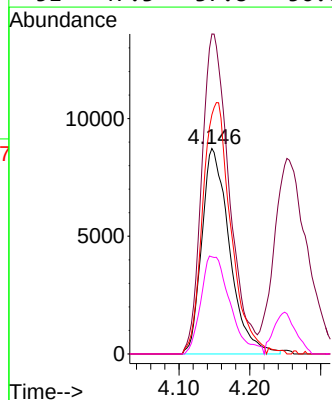
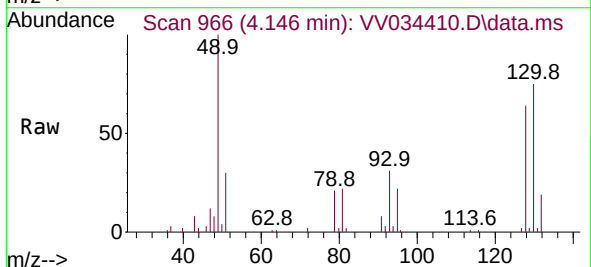


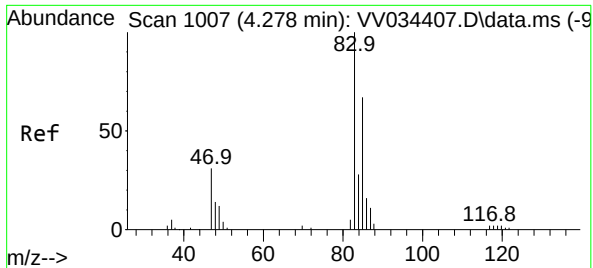
Tgt Ion: 96 Resp: 53295
 Ion Ratio Lower Upper
 96 100
 61 129.0 89.7 166.5
 98 63.7 42.0 78.0



#23
 Bromochloromethane
 Concen: 5.683 ug/L
 RT: 4.146 min Scan# 966
 Delta R.T. -0.007 min
 Lab File: VV034410.D
 Acq: 26 Feb 2024 15:22

Tgt Ion: 128 Resp: 23713
 Ion Ratio Lower Upper
 128 100
 49 155.8 109.9 204.1
 130 116.4 87.7 162.9
 51 47.3 37.8 56.6

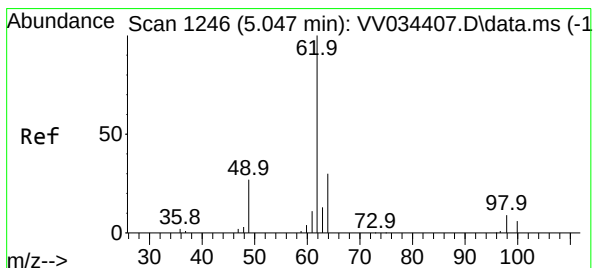
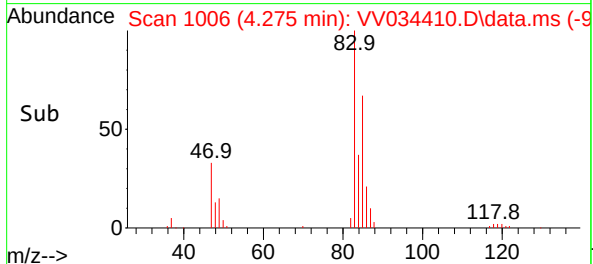
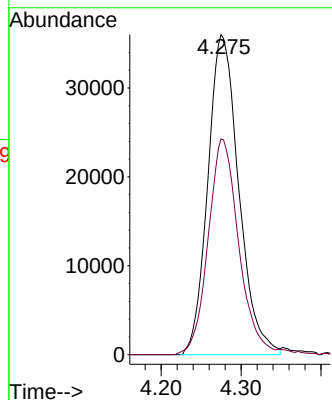
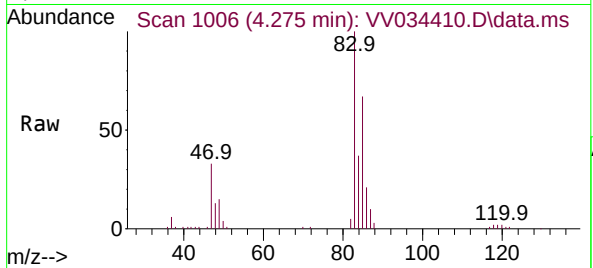




#25
Chloroform
Concen: 5.314 ug/L
RT: 4.275 min Scan# 10
Delta R.T. -0.003 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

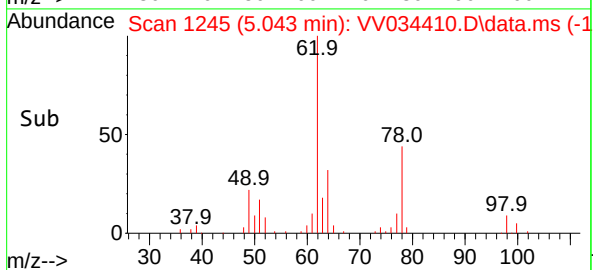
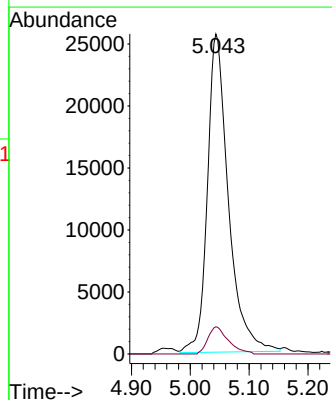
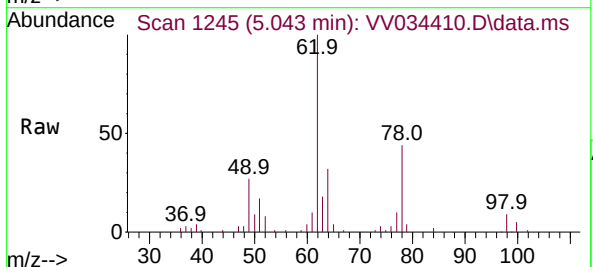
Instrument :
MSVOA_V
ClientSampleId :

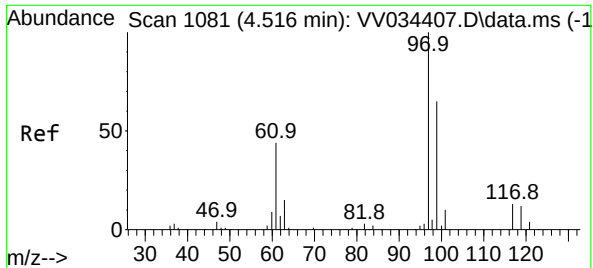
Tgt Ion: 83 Resp: 96698
Ion Ratio Lower Upper
83 100
85 67.5 47.0 87.4



#27
1,2-Dichloroethane
Concen: 5.735 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

Tgt Ion: 62 Resp: 63687
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.302 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

Instrument :

MSVOA_V

ClientSampleId :

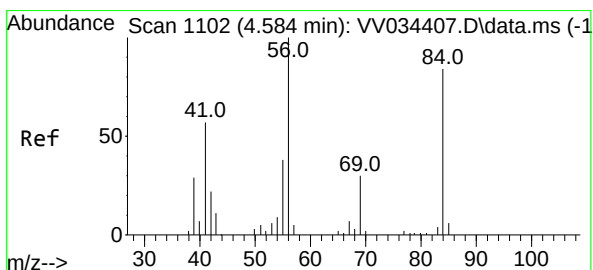
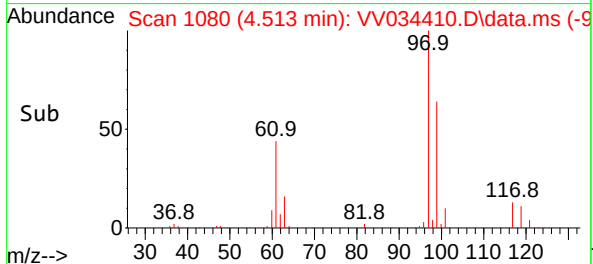
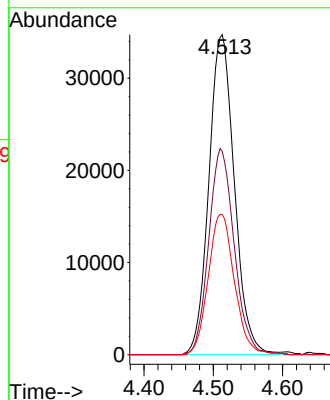
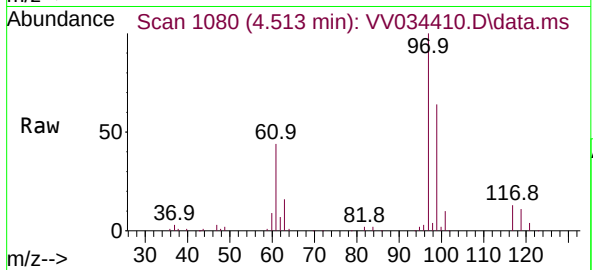
Tgt Ion: 97 Resp: 88832

Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

61 44.9 36.1 54.1



#30

Cyclohexane

Concen: 5.329 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

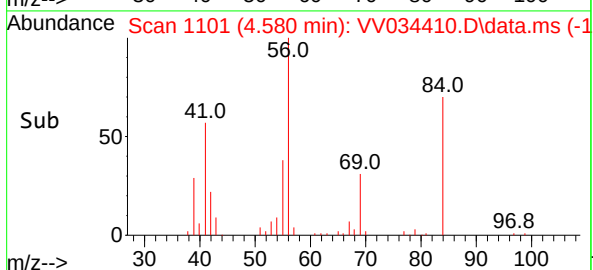
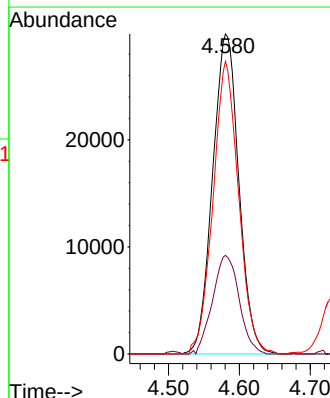
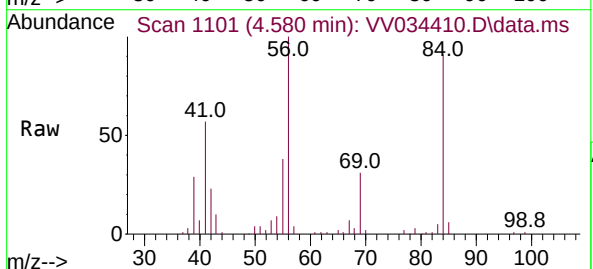
Tgt Ion: 56 Resp: 76796

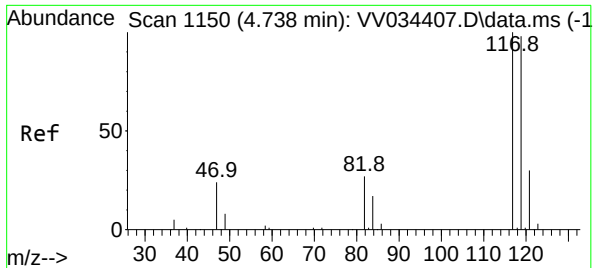
Ion Ratio Lower Upper

56 100

69 31.3 24.5 36.7

84 89.1 70.3 105.5

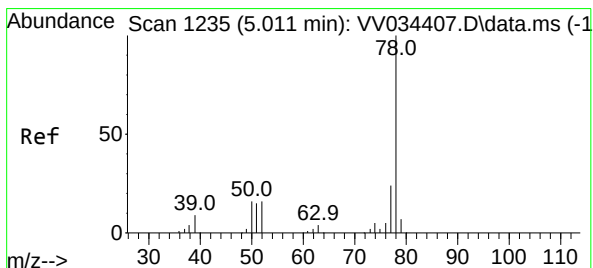
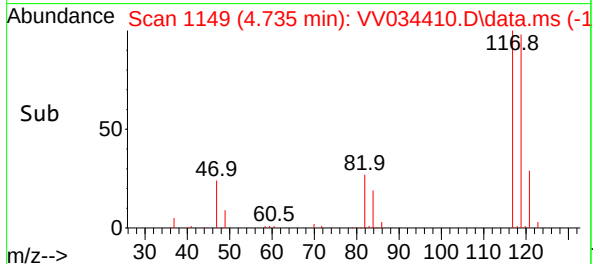
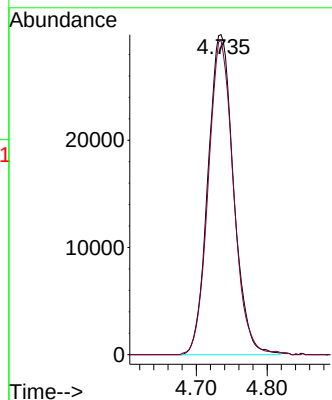
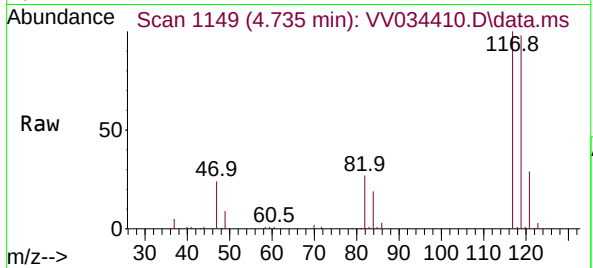




#31
Carbon tetrachloride
Concen: 5.162 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

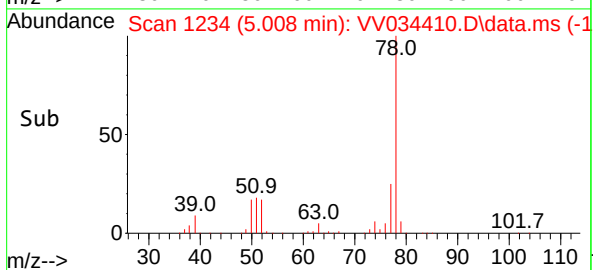
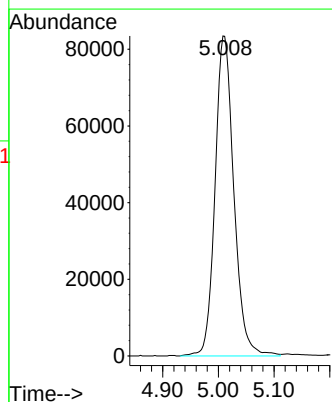
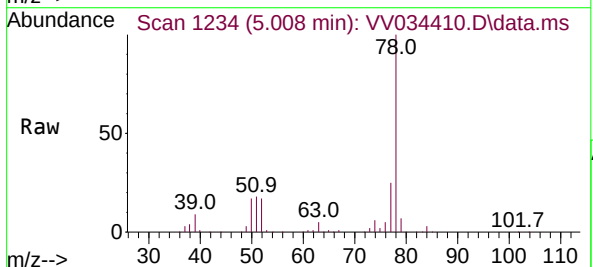
Instrument :
MSVOA_V
ClientSampleId :

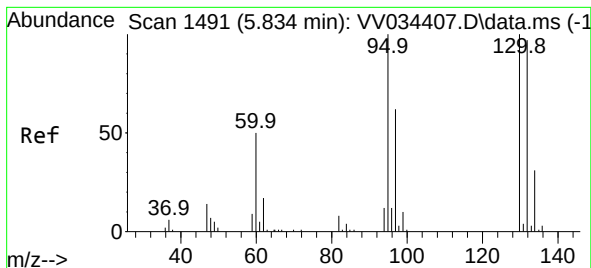
Tgt Ion:117 Resp: 75066
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6



#33
Benzene
Concen: 5.284 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

Tgt Ion: 78 Resp: 195869





#34

Trichloroethene

Concen: 5.591 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 54125

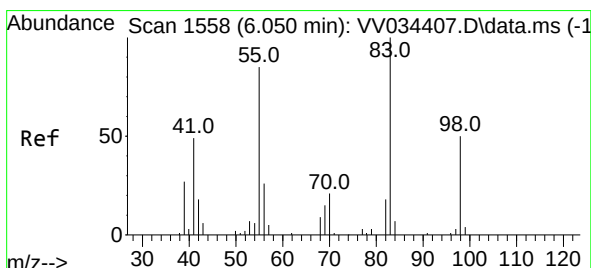
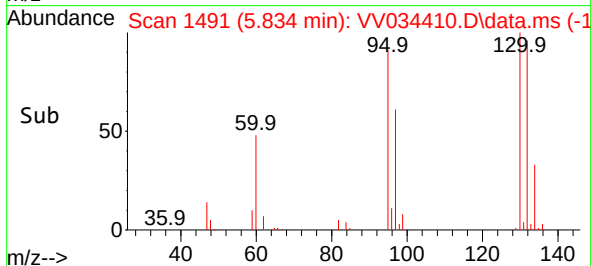
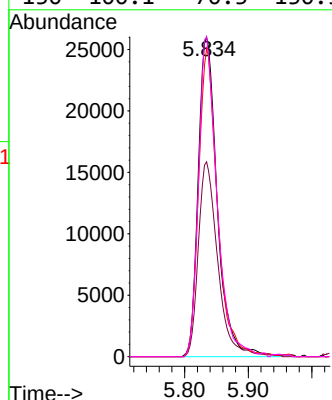
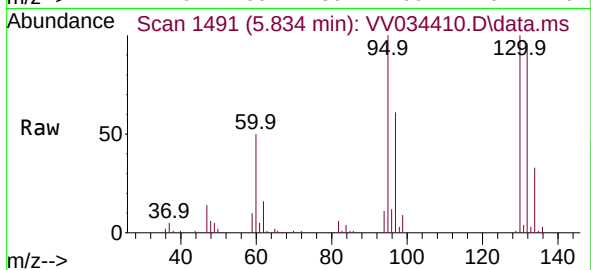
Ion Ratio Lower Upper

95 100

97 61.0 43.3 80.5

132 96.4 67.8 126.0

130 100.1 70.3 130.5



#35

Methylcyclohexane

Concen: 5.219 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

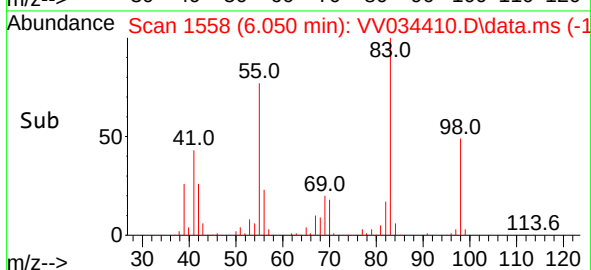
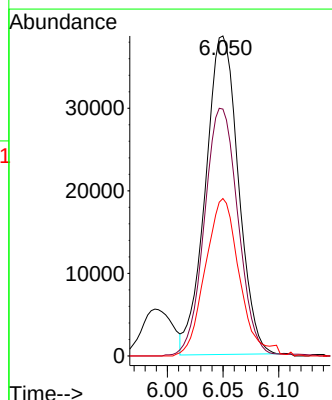
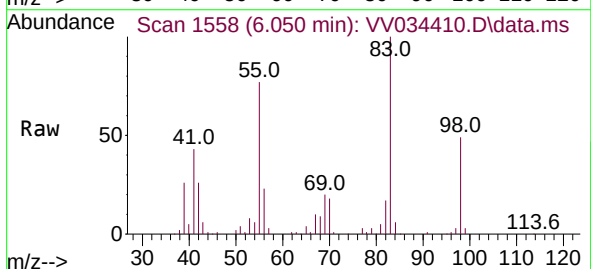
Tgt Ion: 83 Resp: 79314

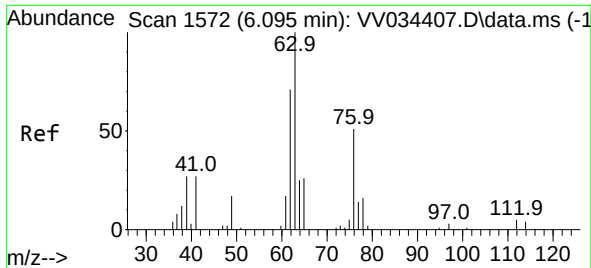
Ion Ratio Lower Upper

83 100

55 79.7 61.9 92.9

98 51.3 38.1 57.1

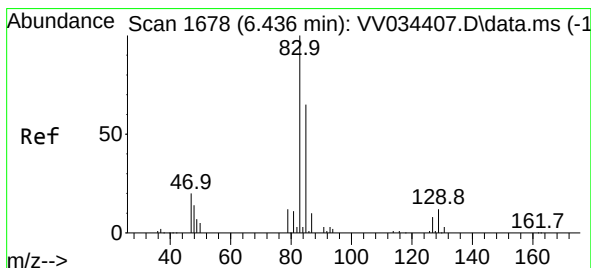
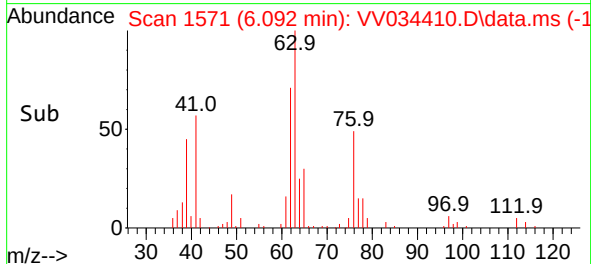
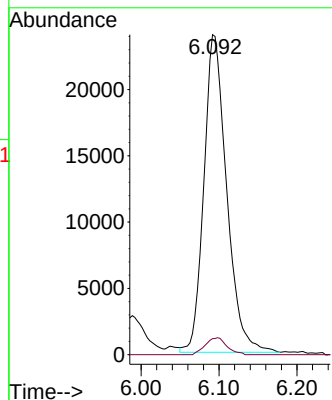
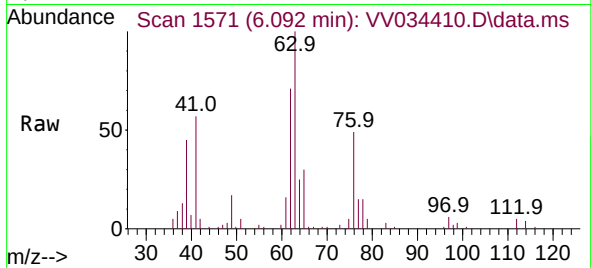




#37
1,2-Dichloropropane
Concen: 5.320 ug/L
RT: 6.092 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

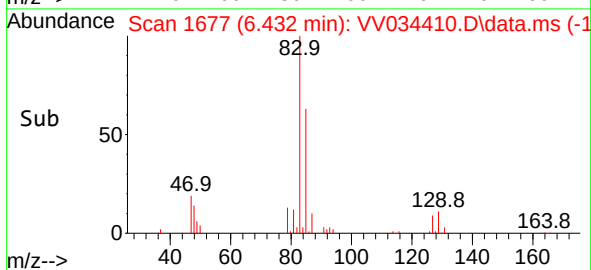
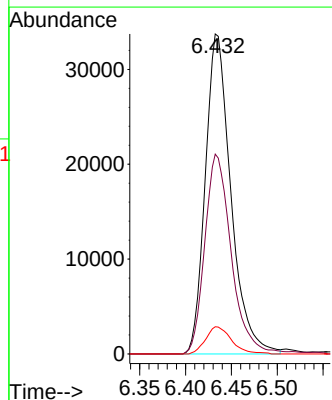
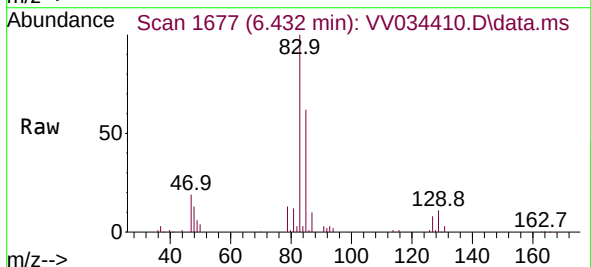
Instrument :
MSVOA_V
ClientSampleId :

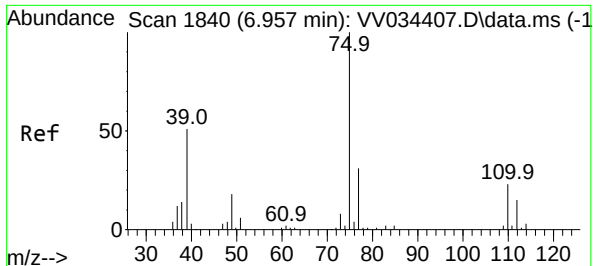
Tgt Ion: 63 Resp: 48754
Ion Ratio Lower Upper
63 100
112 5.0 3.4 5.0



#38
Bromodichloromethane
Concen: 5.249 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.003 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

Tgt Ion: 83 Resp: 65547
Ion Ratio Lower Upper
83 100
85 62.5 45.4 84.2
127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.674 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. -0.000 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

Instrument :

MSVOA_V

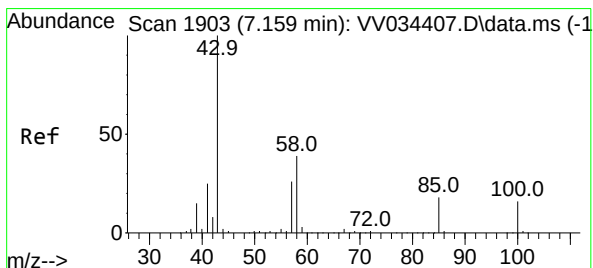
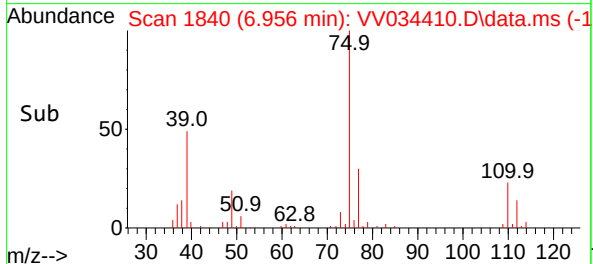
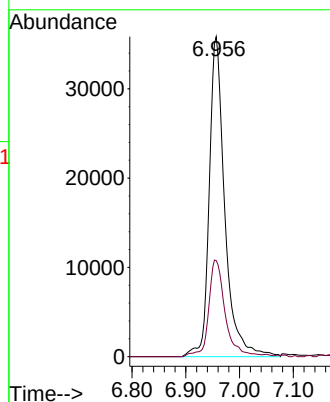
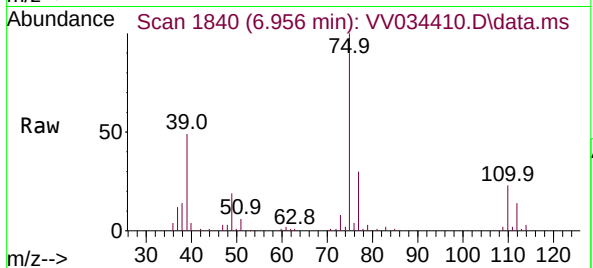
ClientSampleId :

Tgt Ion: 75 Resp: 72056

Ion Ratio Lower Upper

75 100

77 30.1 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 58.737 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

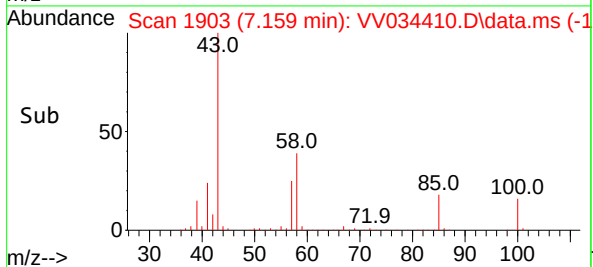
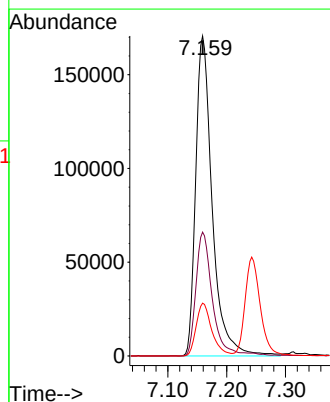
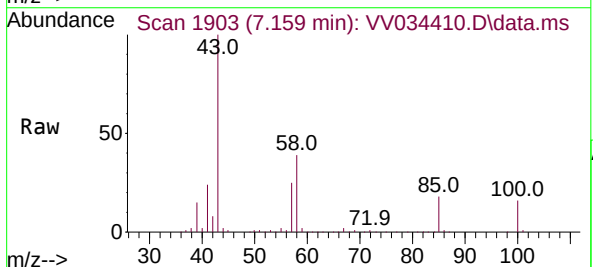
Tgt Ion: 43 Resp: 332962

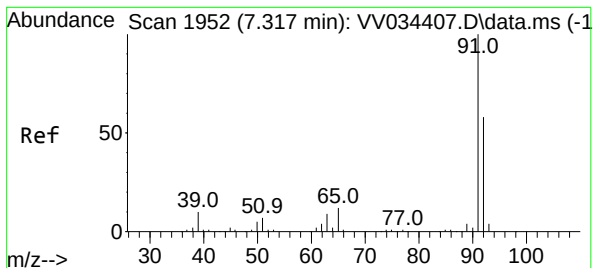
Ion Ratio Lower Upper

43 100

58 38.1 30.7 46.1

100 15.7 12.3 18.5





#42

Toluene

Concen: 5.282 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

Instrument :

MSVOA_V

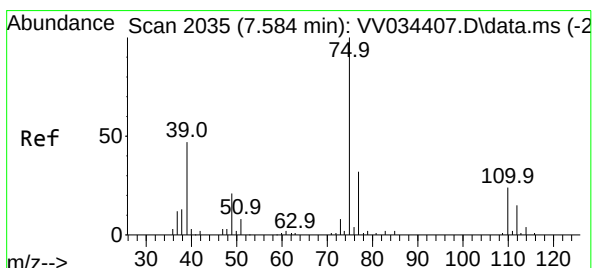
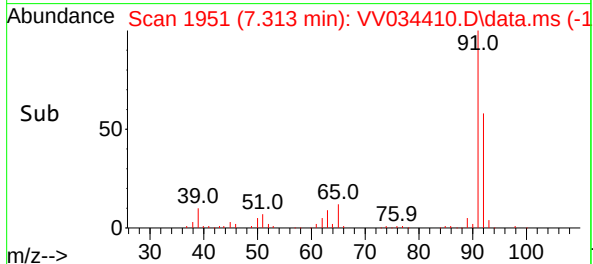
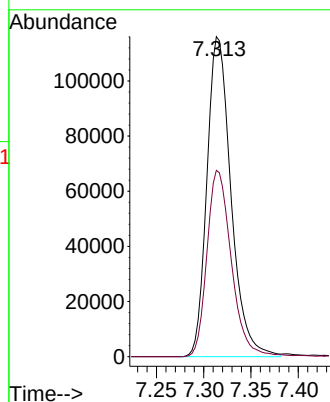
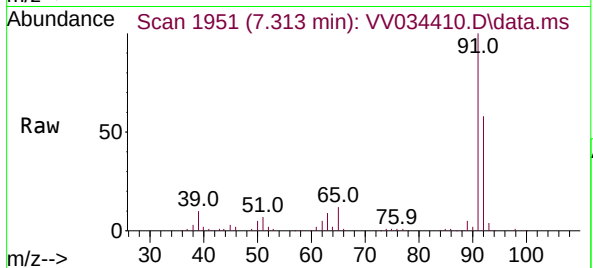
ClientSampleId :

Tgt Ion: 91 Resp: 205707

Ion Ratio Lower Upper

91 100

92 58.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.897 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034410.D

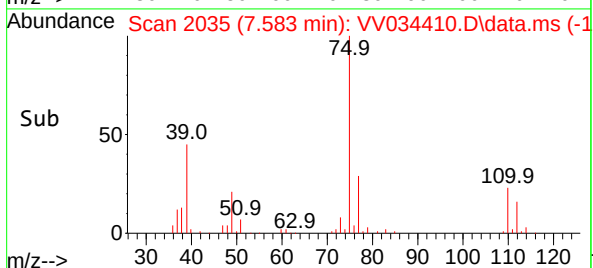
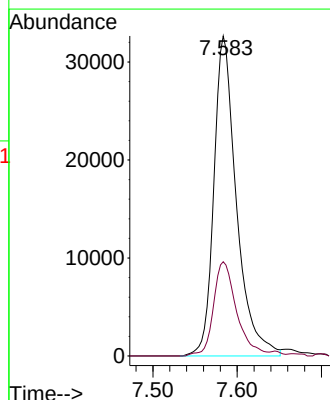
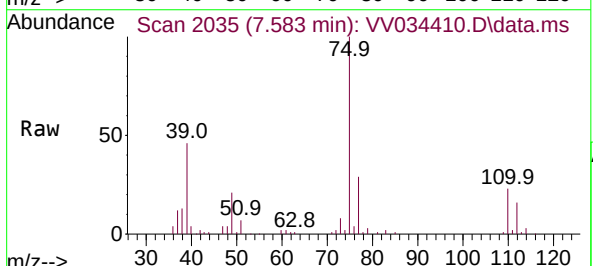
Acq: 26 Feb 2024 15:22

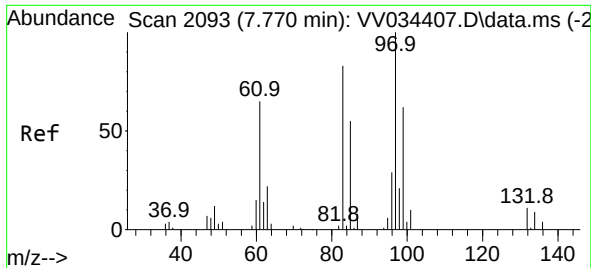
Tgt Ion: 75 Resp: 60821

Ion Ratio Lower Upper

75 100

77 29.4 22.7 42.1

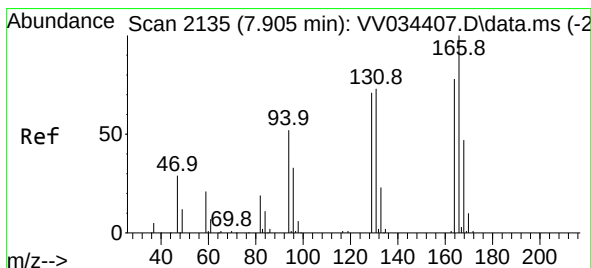
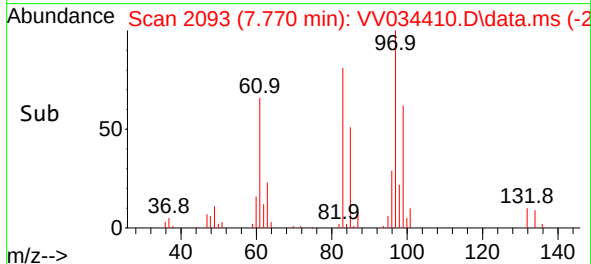
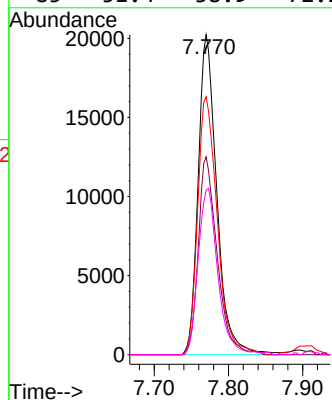
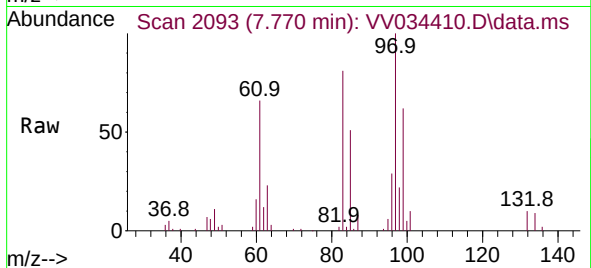




#45
1,1,2-Trichloroethane
Concen: 5.669 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

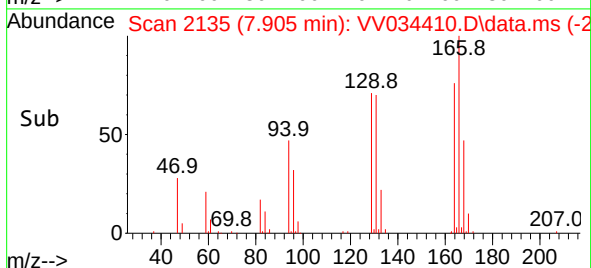
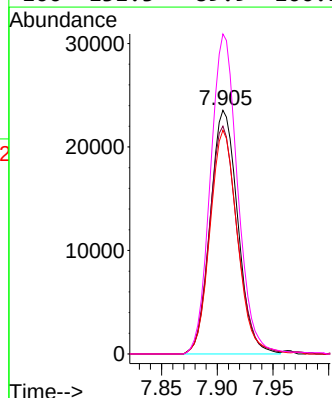
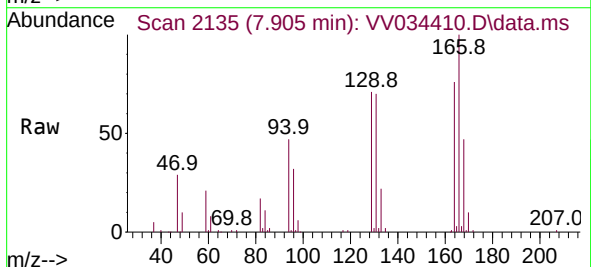
Instrument :
MSVOA_V
ClientSampleId :

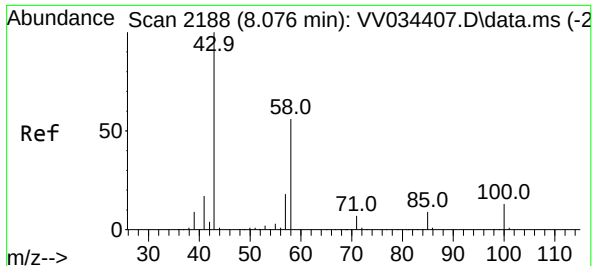
Tgt Ion:	97	Resp:	35334
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.5
83	80.6	57.9	107.5
85	51.4	38.9	72.2



#47
Tetrachloroethene
Concen: 5.309 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

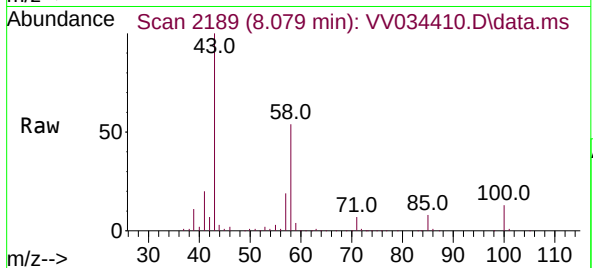
Tgt Ion:	164	Resp:	40318
Ion	Ratio	Lower	Upper
164	100		
129	93.5	64.2	119.2
131	91.8	65.9	122.3
166	131.3	89.9	166.9



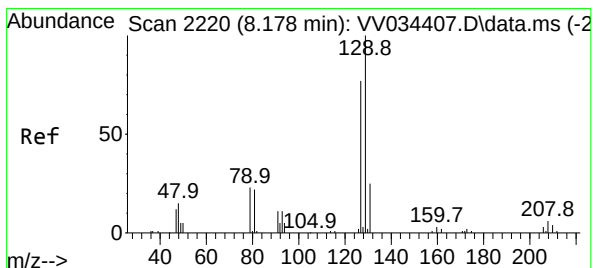
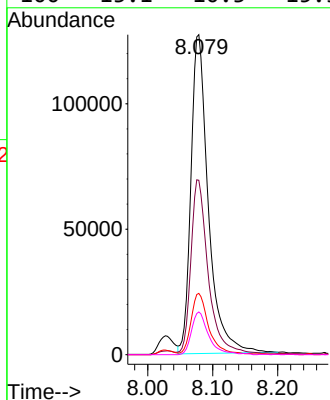
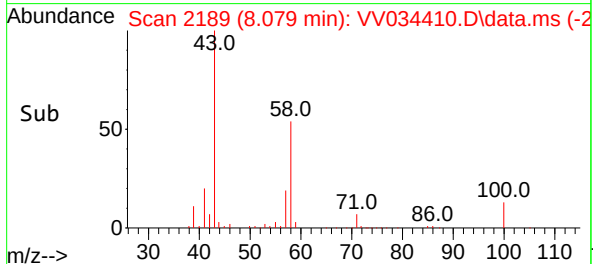


#48
2-Hexanone
Concen: 58.825 ug/L
RT: 8.079 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

Instrument :
MSVOA_V
ClientSampleId :

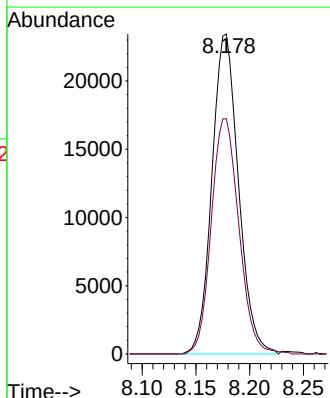
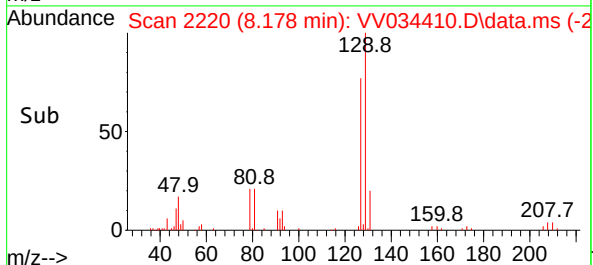
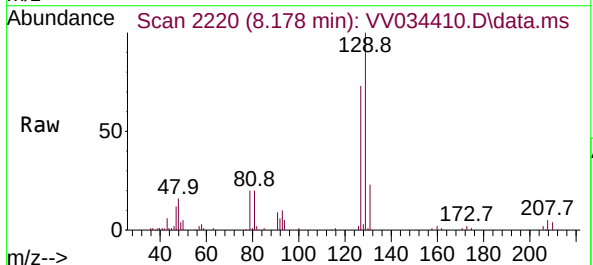


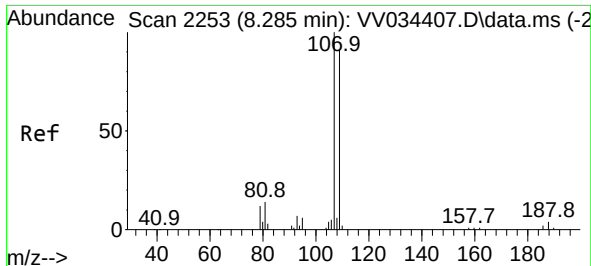
Tgt Ion: 43 Resp: 237507
Ion Ratio Lower Upper
43 100
58 53.8 43.4 65.0
57 18.9 15.5 23.3
100 13.1 10.3 15.5



#49
Dibromochloromethane
Concen: 5.552 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

Tgt Ion: 129 Resp: 40288
Ion Ratio Lower Upper
129 100
127 73.5 54.0 100.4





#50

1,2-Dibromoethane

Concen: 5.636 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034410.D

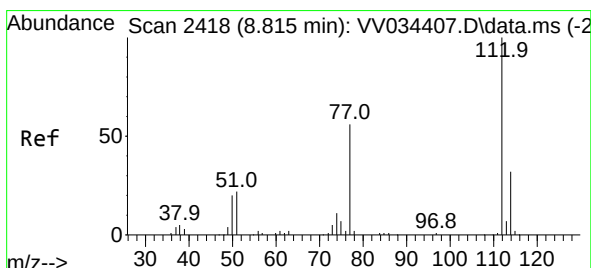
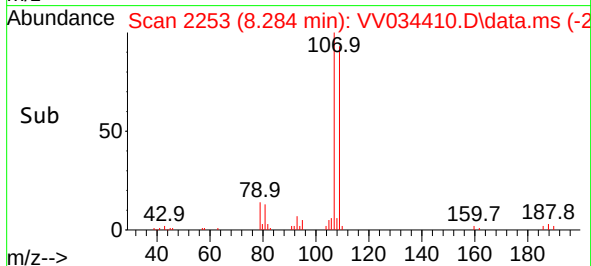
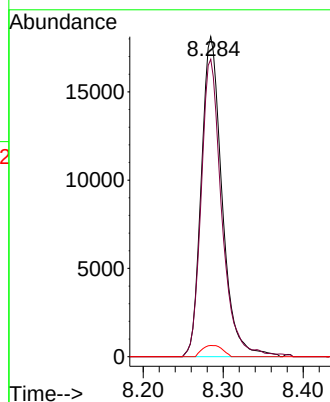
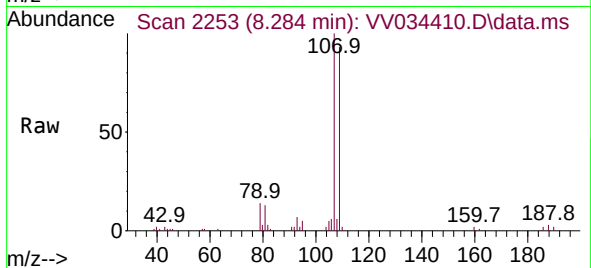
Acq: 26 Feb 2024 15:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	32859
Ion	Ratio	Lower	Upper
107	100		
109	92.9	63.8	118.4
188	3.5	3.1	4.7



#51

Chlorobenzene

Concen: 5.389 ug/L

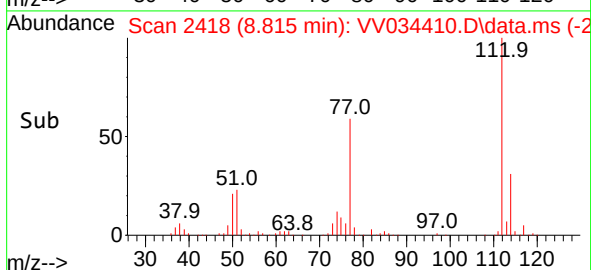
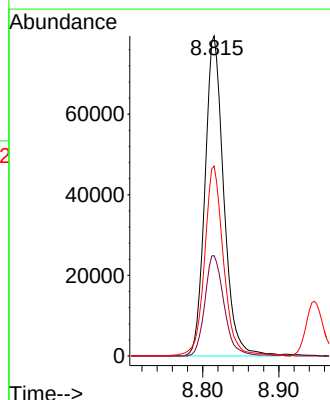
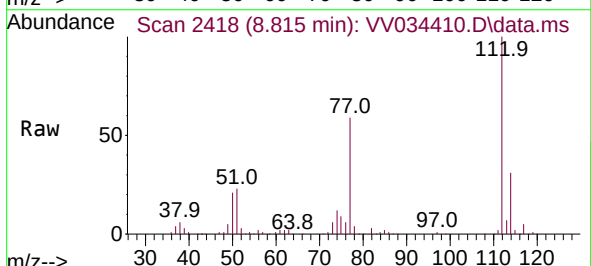
RT: 8.815 min Scan# 2418

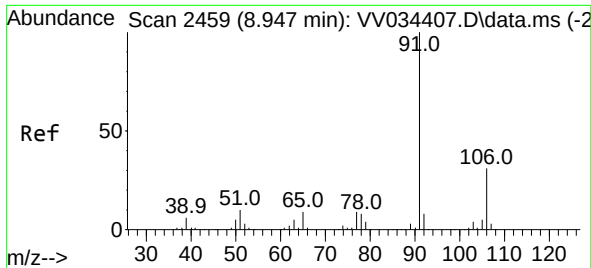
Delta R.T. -0.000 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

Tgt Ion:	112	Resp:	136345
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.5	41.9
77	59.4	45.4	68.2

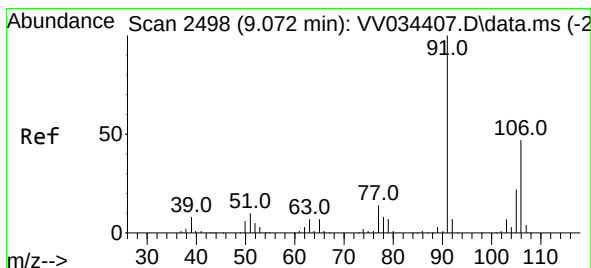
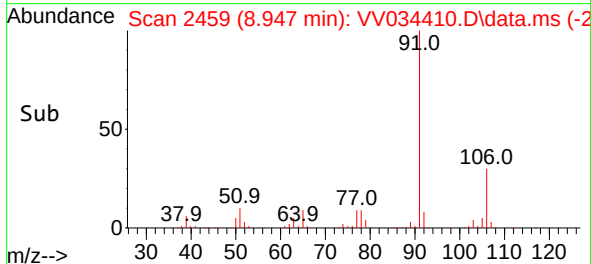
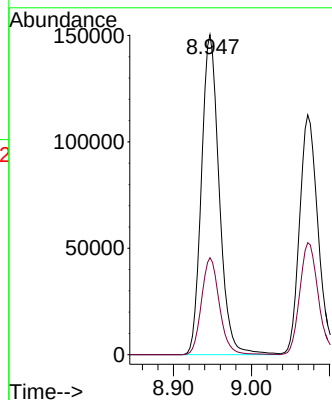
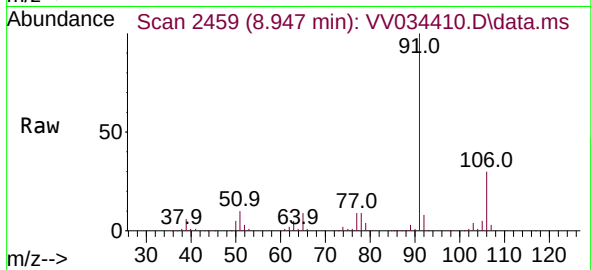




#52
Ethylbenzene
Concen: 5.430 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

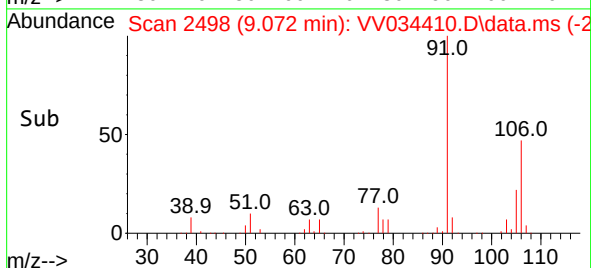
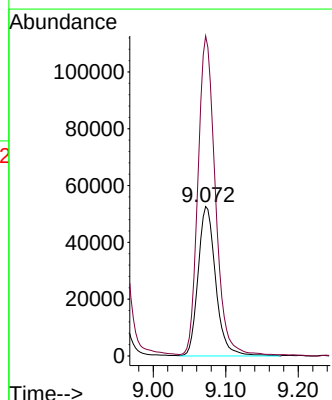
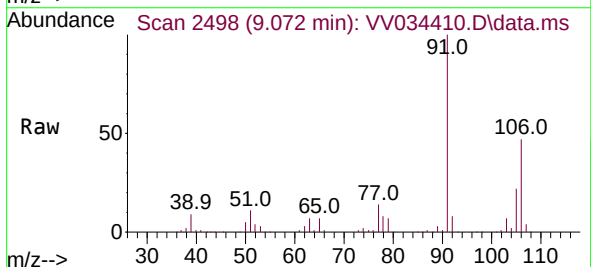
Instrument :
MSVOA_V
ClientSampleId :

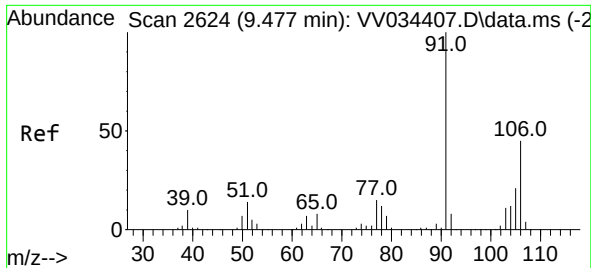
Tgt Ion: 91 Resp: 238188
Ion Ratio Lower Upper
91 100
106 30.3 21.4 39.8



#53
m,p-Xylene
Concen: 5.445 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

Tgt Ion: 106 Resp: 88763
Ion Ratio Lower Upper
106 100
91 214.0 148.5 275.9

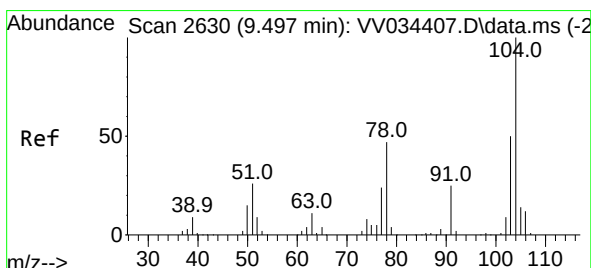
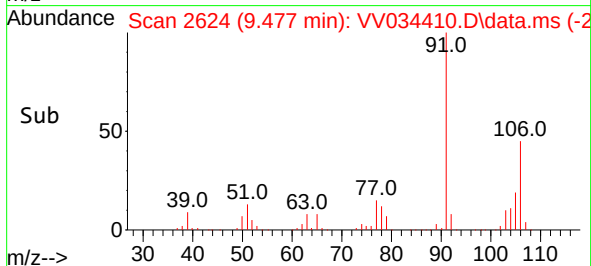
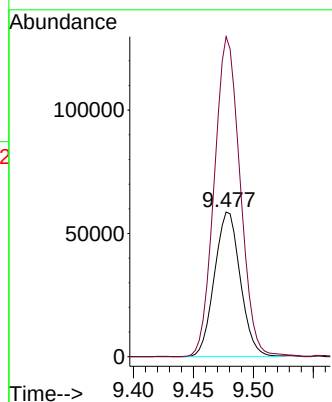
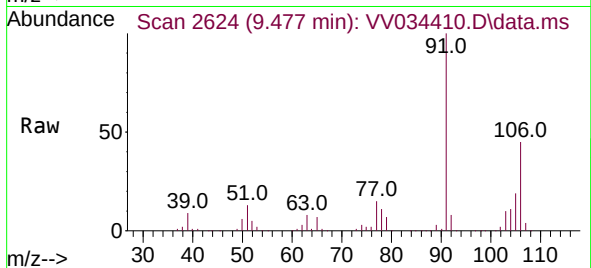




#54
o-Xylene
Concen: 5.416 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

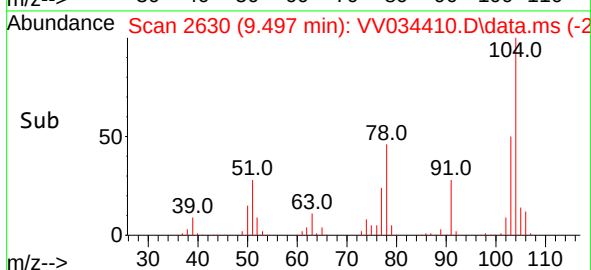
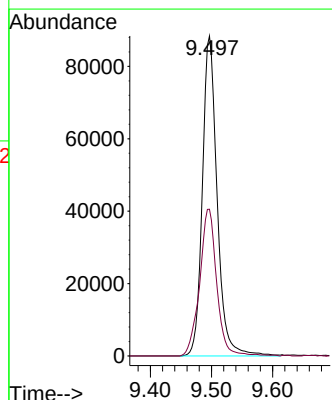
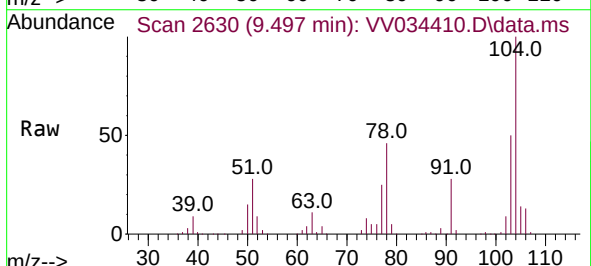
Instrument :
MSVOA_V
ClientSampleId :

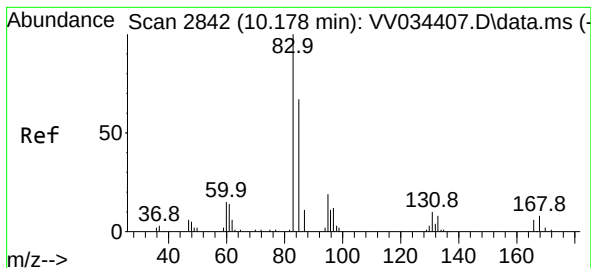
Tgt Ion:106 Resp: 88149
Ion Ratio Lower Upper
106 100
91 221.1 155.8 289.3



#55
Styrene
Concen: 5.670 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

Tgt Ion:104 Resp: 148392
Ion Ratio Lower Upper
104 100
78 45.9 32.9 61.1

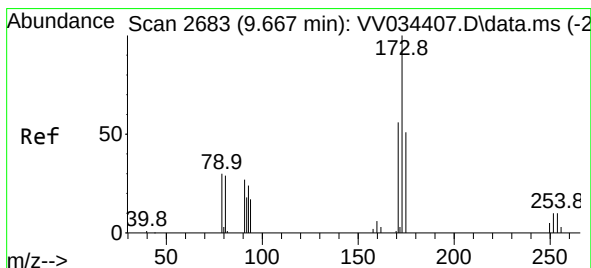
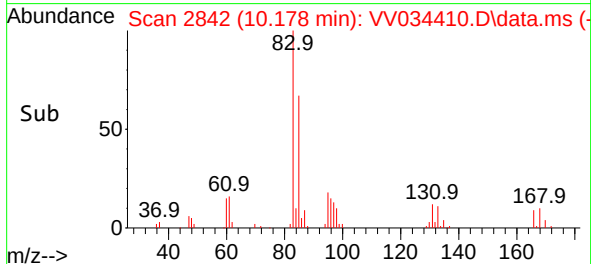
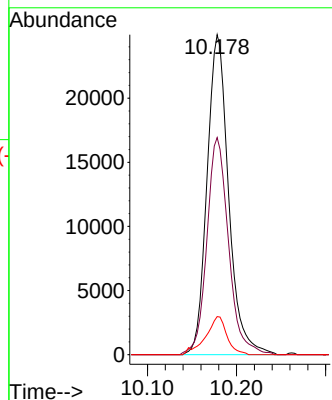
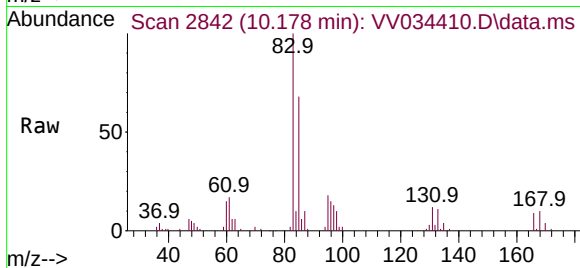




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.619 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: VV034410.D
 Acq: 26 Feb 2024 15:22

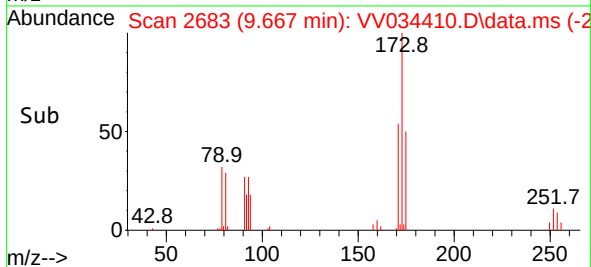
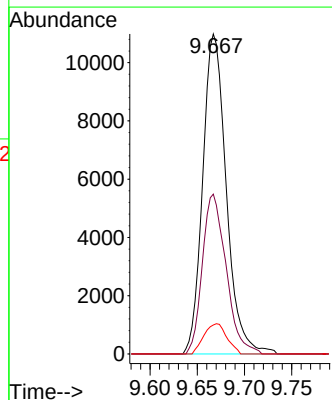
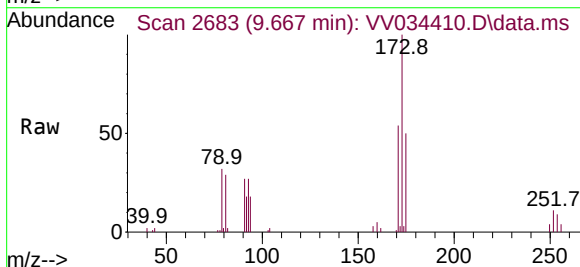
Instrument :
 MSVOA_V
 ClientSampleId :

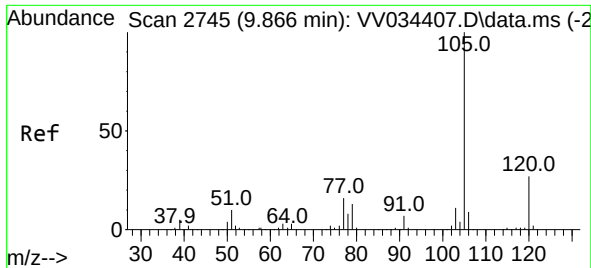
Tgt Ion: 83 Resp: 41895
 Ion Ratio Lower Upper
 83 100
 85 67.8 46.7 86.7
 131 11.9 8.6 12.8



#59
 Bromoform
 Concen: 5.276 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. -0.000 min
 Lab File: VV034410.D
 Acq: 26 Feb 2024 15:22

Tgt Ion: 173 Resp: 19066
 Ion Ratio Lower Upper
 173 100
 175 50.2 38.9 58.3
 254 9.2 7.8 11.6

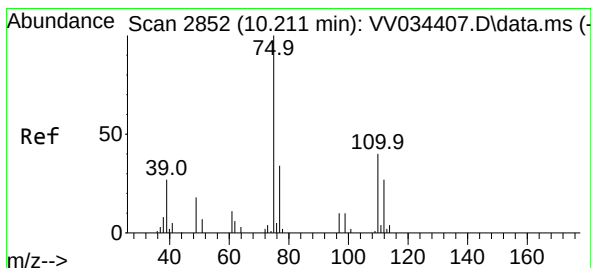
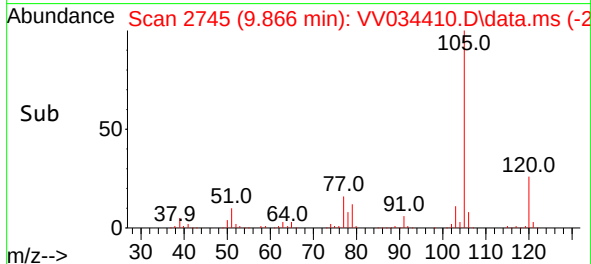
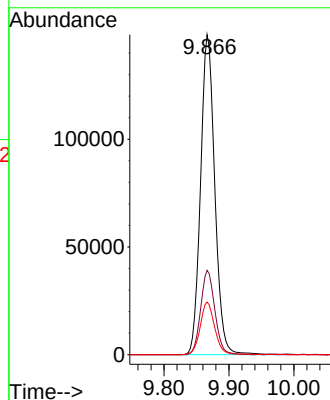
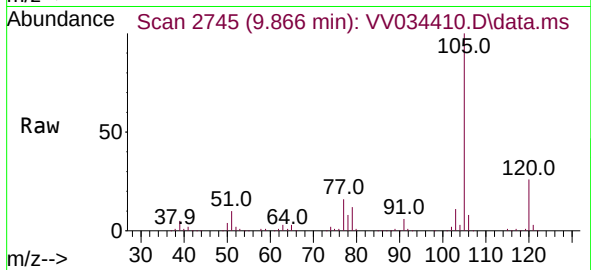




#60
Isopropylbenzene
Concen: 5.356 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

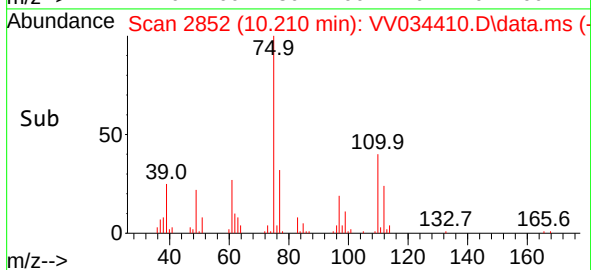
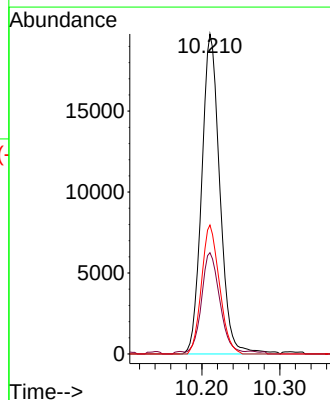
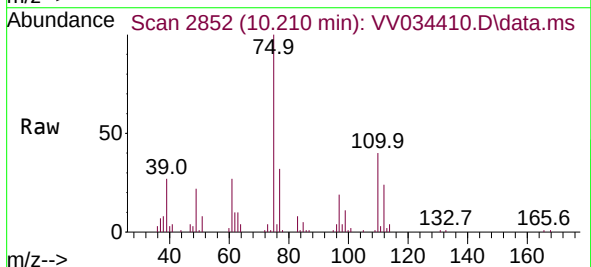
Instrument :
MSVOA_V
ClientSampleId :

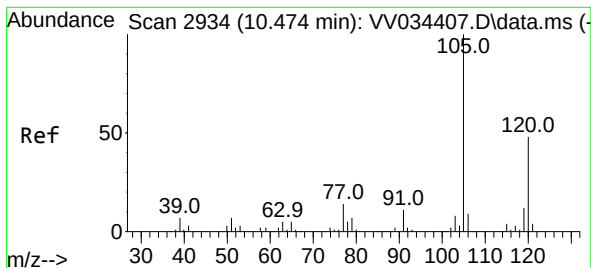
Tgt Ion:105 Resp: 226910
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 16.8 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.863 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

Tgt Ion: 75 Resp: 32015
Ion Ratio Lower Upper
75 100
77 30.5 27.7 41.5
110 39.7 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 5.443 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

Instrument :

MSVOA_V

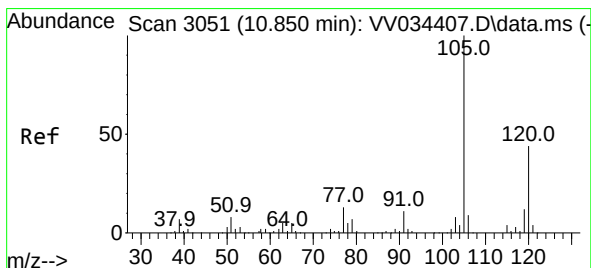
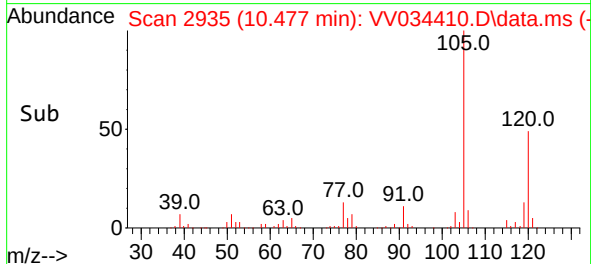
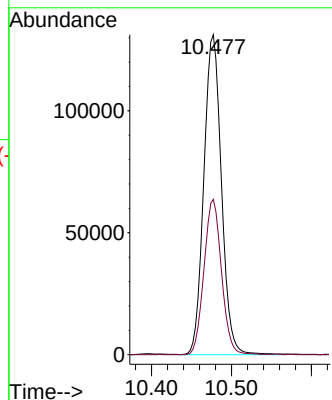
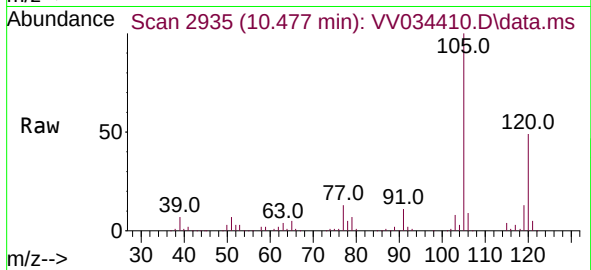
ClientSampleId :

Tgt Ion:105 Resp: 201247

Ion Ratio Lower Upper

105 100

120 48.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.483 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034410.D

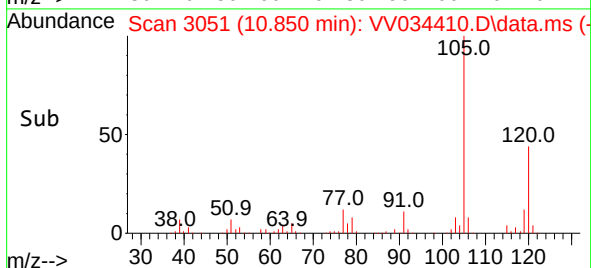
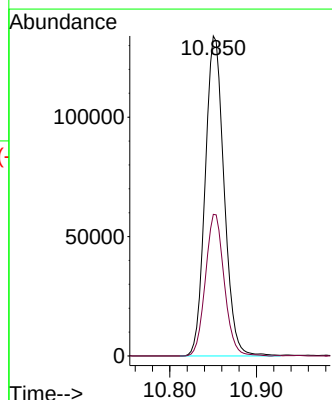
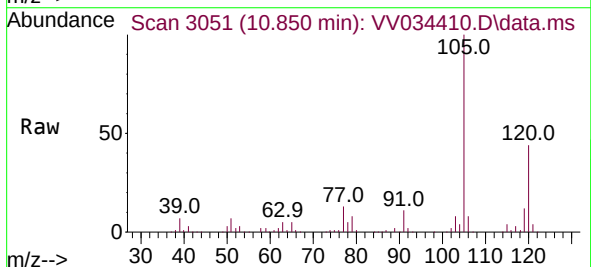
Acq: 26 Feb 2024 15:22

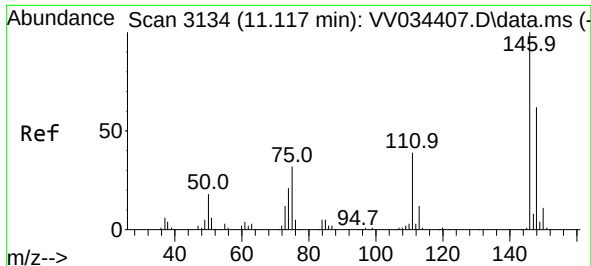
Tgt Ion:105 Resp: 203041

Ion Ratio Lower Upper

105 100

120 44.1 35.4 53.2

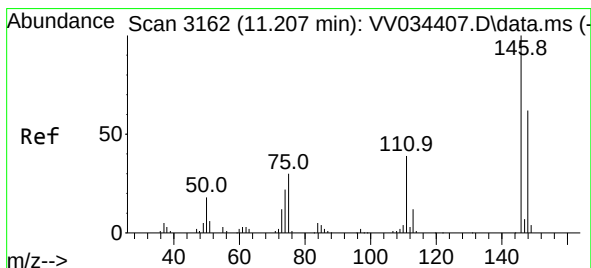
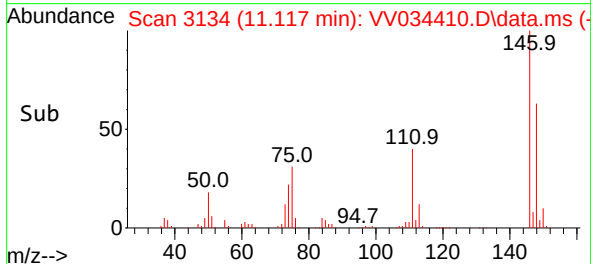
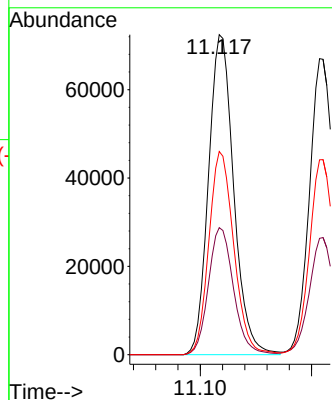
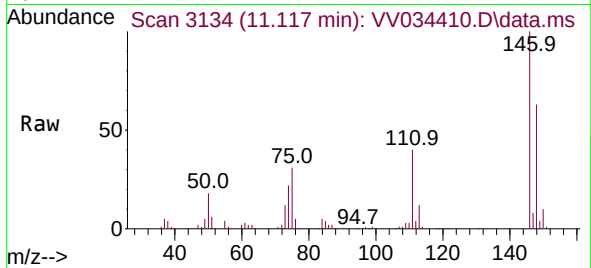




#64
1,3-Dichlorobenzene
Concen: 5.532 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

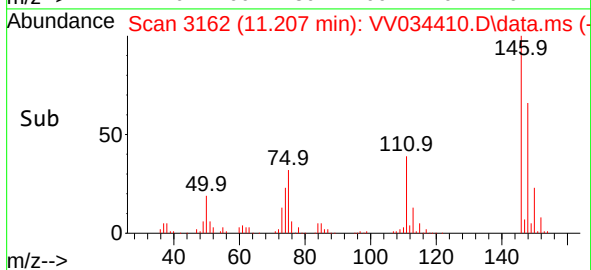
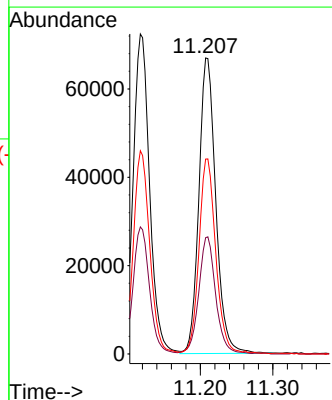
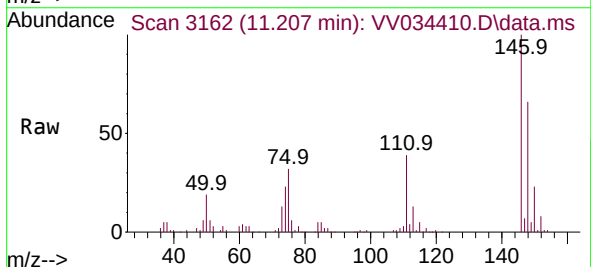
Instrument :
MSVOA_V
ClientSampleId :

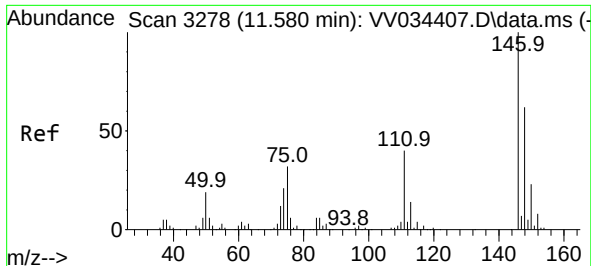
Tgt Ion:146 Resp: 113822
Ion Ratio Lower Upper
146 100
111 39.7 27.0 50.2
148 63.5 43.1 80.1



#65
1,4-Dichlorobenzene
Concen: 5.319 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV034410.D
Acq: 26 Feb 2024 15:22

Tgt Ion:146 Resp: 108619
Ion Ratio Lower Upper
146 100
111 39.3 27.2 50.6
148 65.8 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.288 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

Instrument :

MSVOA_V

ClientSampleId :

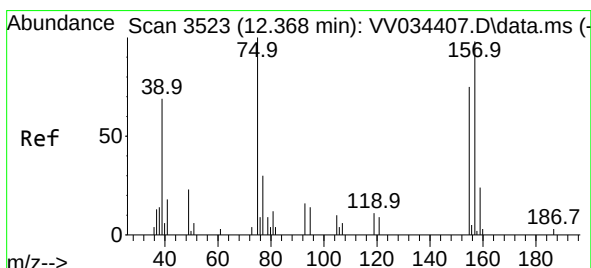
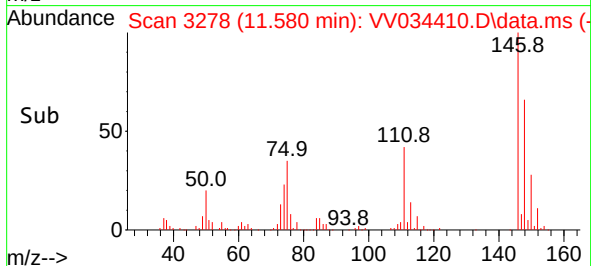
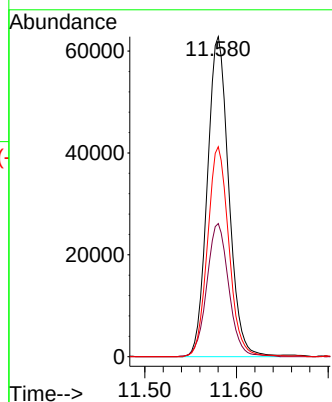
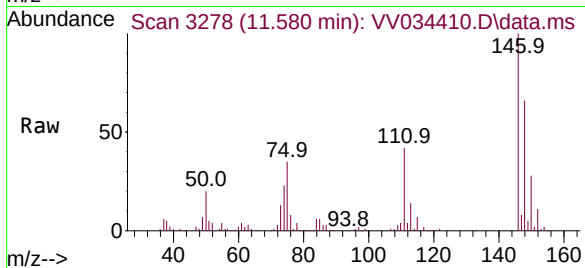
Tgt Ion:146 Resp: 101996

Ion Ratio Lower Upper

146 100

111 41.6 32.2 48.4

148 65.6 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.694 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

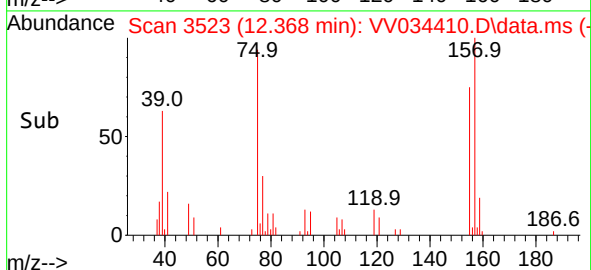
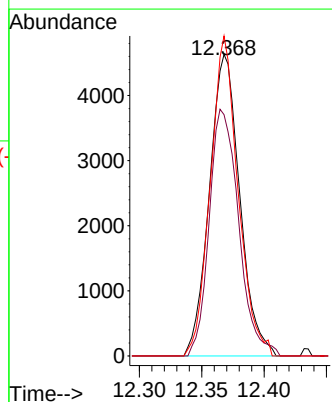
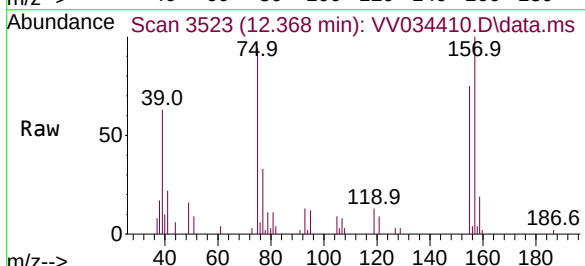
Tgt Ion: 75 Resp: 7856

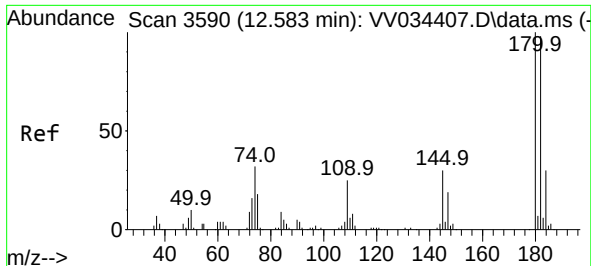
Ion Ratio Lower Upper

75 100

155 80.0 60.0 90.0

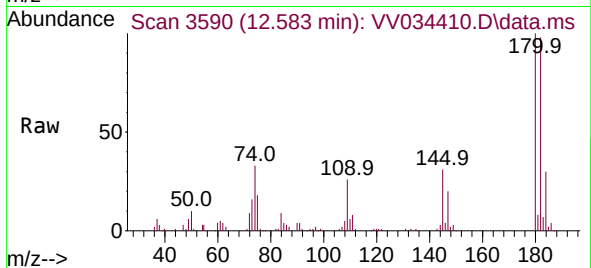
157 106.1 78.6 117.8



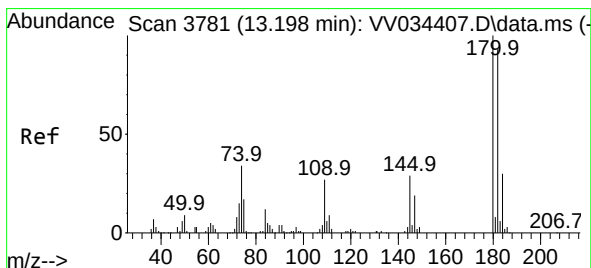
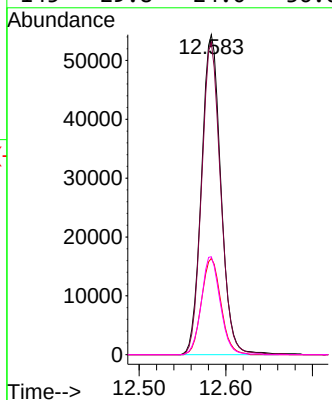
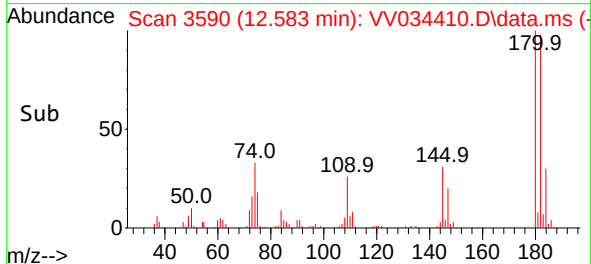


#69
 1,3,5-Trichlorobenzene
 Concen: 5.356 ug/L
 RT: 12.583 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034410.D
 Acq: 26 Feb 2024 15:22

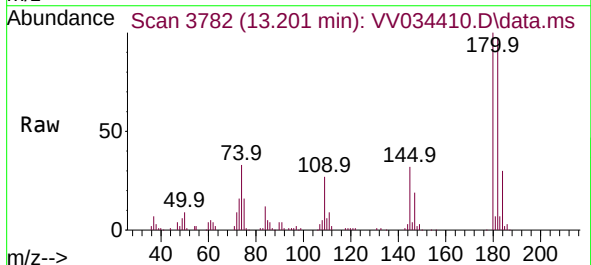
Instrument :
 MSVOA_V
 ClientSampleId :



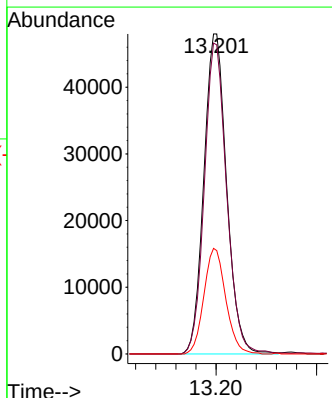
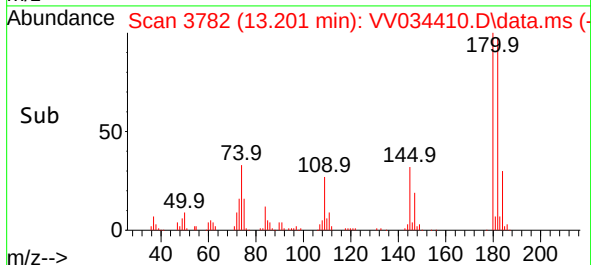
Tgt Ion:180 Resp: 84560
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.8 116.6
 184 30.1 23.8 35.8
 145 29.8 24.0 36.0

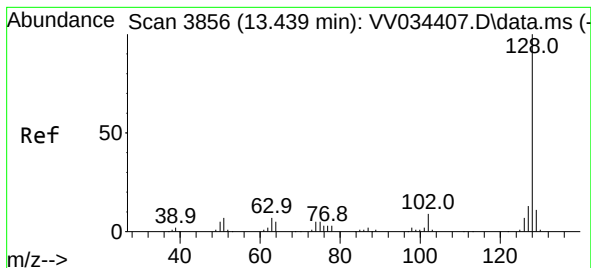


#70
 1,2,4-trichlorobenzene
 Concen: 5.475 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.003 min
 Lab File: VV034410.D
 Acq: 26 Feb 2024 15:22



Tgt Ion:180 Resp: 75455
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.3 112.9
 145 31.6 23.6 35.4





#71

Naphthalene

Concen: 6.041 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

Instrument :

MSVOA_V

ClientSampleId :

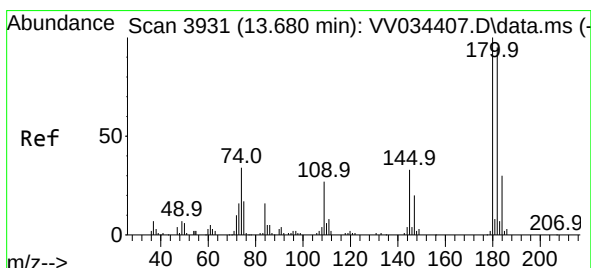
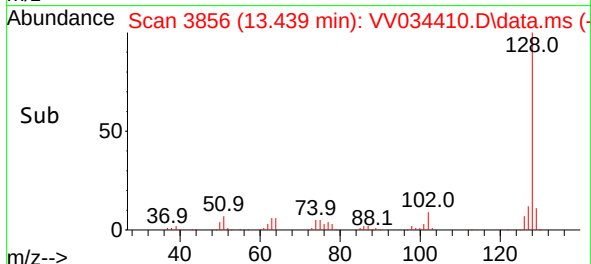
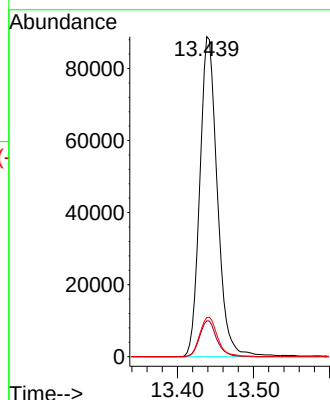
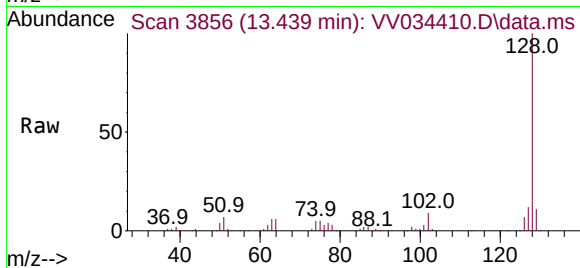
Tgt Ion:128 Resp: 142260

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 12.5 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.575 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV034410.D

Acq: 26 Feb 2024 15:22

Tgt Ion:180 Resp: 68816

Ion Ratio Lower Upper

180 100

182 94.4 76.1 114.1

145 33.0 25.8 38.6

