

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061924\
 Data File : VW036149.D
 Acq On : 19 Jun 2024 19:47
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 05:19:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	357372	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	371344	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	200117	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	136263	20.739	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.960%
7) Chloroethane-d5	1.526	69	116698	22.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.120%
11) 1,1-Dichloroethene-d2	2.047	65	63607	21.746	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.000%
21) 2-Butanone-d5	3.828	46	27857	18.479	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.960%
24) Chloroform-d	4.243	84	267439	23.539	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	4.937	65	149096	25.029	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.120%
32) Benzene-d6	4.953	84	501404	22.715	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.880%
36) 1,2-Dichloropropane-d6	5.986	67	161545	23.240	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	7.240	98	463219	23.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.120%
43) trans-1,3-Dichloroprop...	7.551	79	66982	23.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.000%
47) 2-Hexanone-d5	8.031	63	53302	56.596	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.200%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	135879	26.159	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.640%
66) 1,2-Dichlorobenzene-d4	11.558	152	162568	22.153	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	132734	20.599	ug/L	100
3) Chloromethane	1.208	50	179481	24.271	ug/L	99
5) Vinyl chloride	1.275	62	188674	24.235	ug/L	99
6) Bromomethane	1.481	94	123065	25.481	ug/L	98
8) Chloroethane	1.542	64	126877	26.219	ug/L	100
9) Trichlorofluoromethane	1.703	101	238783	24.698	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	140087	22.831	ug/L	99
12) 1,1-Dichloroethene	2.060	96	142343	24.873	ug/L	95
13) Acetone	2.381	43	79840	34.001	ug/L	69
14) Carbon disulfide	2.230	76	483653	24.337	ug/L	100
15) Methyl Acetate	2.381	43	84431	28.927	ug/L	100
16) Methylene chloride	2.439	84	202019	24.982	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	153019	25.171	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	407041	29.825	ug/L	99
19) 1,1-Dichloroethane	3.105	63	306747	26.496	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	160639	26.298	ug/L	98
22) 2-Butanone	3.908	43	93238	46.795	ug/L #	81
23) Bromochloromethane	4.140	128	87985	28.715	ug/L	98
25) Chloroform	4.269	83	325078	27.297	ug/L	100

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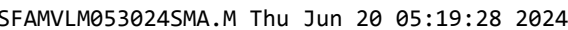
Instrument :
 MSVOA_V
 ClientSampleId :

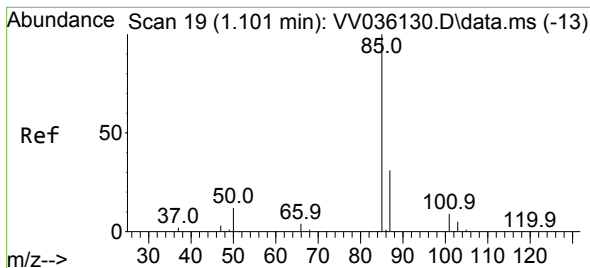
Quant Time: Jun 20 05:19:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	229549	30.875	ug/L	100
29) Cyclohexane	4.574	56	183049	20.703	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	251981	24.821	ug/L	99
31) Carbon tetrachloride	4.728	117	215057	24.147	ug/L	100
33) Benzene	5.002	78	653767	26.918	ug/L	100
34) Trichloroethene	5.828	95	191985	25.792	ug/L	99
35) Methylcyclohexane	6.047	83	206812	20.091	ug/L	99
37) 1,2-Dichloropropane	6.088	63	177487	27.831	ug/L	100
38) Bromodichloromethane	6.429	83	235960	27.955	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	253187	26.544	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	223095	64.389	ug/L	98
42) Toluene	7.310	91	683853	27.556	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	233586	28.352	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	151822	28.772	ug/L	99
46) Tetrachloroethene	7.902	164	123888	22.757	ug/L	99
48) 2-Hexanone	8.079	43	162796	60.101	ug/L	99
49) Dibromochloromethane	8.175	129	166539	28.838	ug/L	98
50) 1,2-Dibromoethane	8.278	107	153109	30.240	ug/L	99
51) Chlorobenzene	8.812	112	436580	25.819	ug/L	100
52) Ethylbenzene	8.944	91	686662	25.861	ug/L	99
53) m,p-Xylene	9.072	106	262426	26.304	ug/L	100
54) o-Xylene	9.477	106	249442	26.513	ug/L	98
55) Styrene	9.493	104	476982	28.749	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	140414	29.718	ug/L	99
59) Bromoform	9.664	173	112435	29.793	ug/L	99
60) Isopropylbenzene	9.866	105	632377	24.631	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	146579	30.970	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	448551	24.094	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	509846	25.418	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	329303	24.424	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	341045	24.506	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	321646	25.351	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	33420	31.577	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	214298	21.248	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	174736	22.004	ug/L	100
71) Naphthalene	13.435	128	379997	29.322	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	179349	24.750	ug/L	99

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

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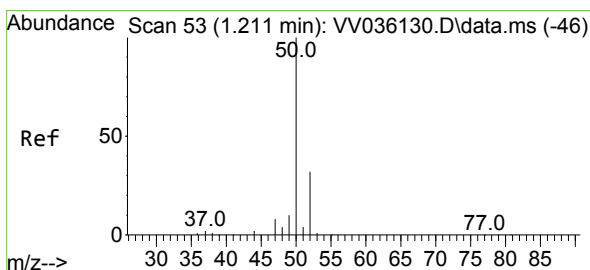
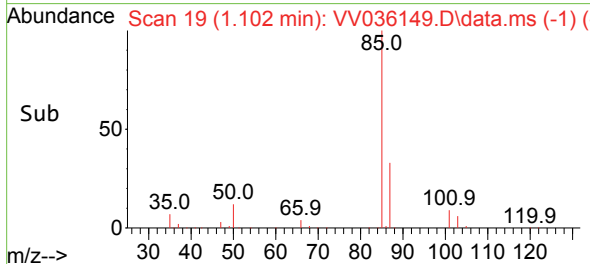
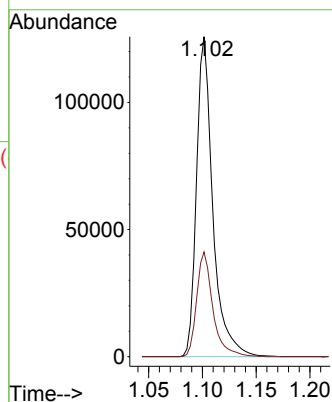
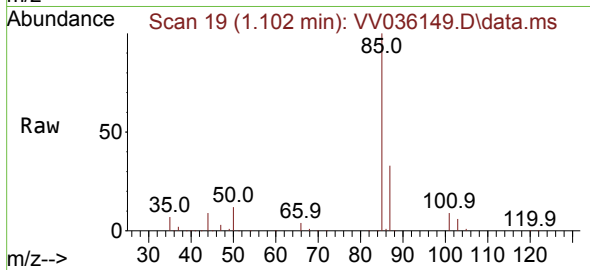




#2
 Dichlorodifluoromethane
 Concen: 20.599 ug/L
 RT: 1.102 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV036149.D
 Acq: 19 Jun 2024 19:47

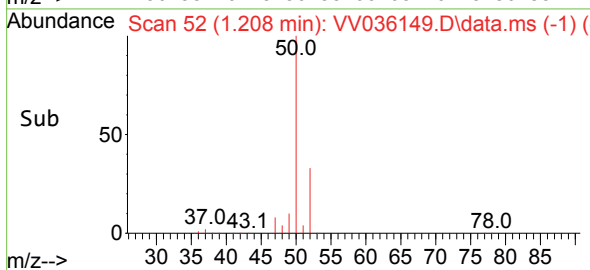
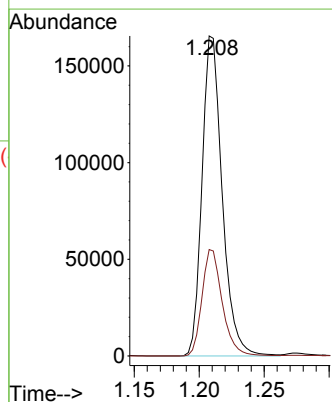
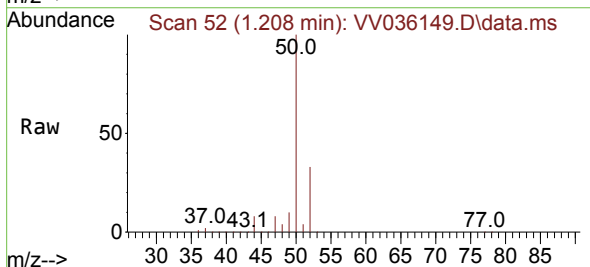
Instrument :
 MSVOA_V
 ClientSampleId :

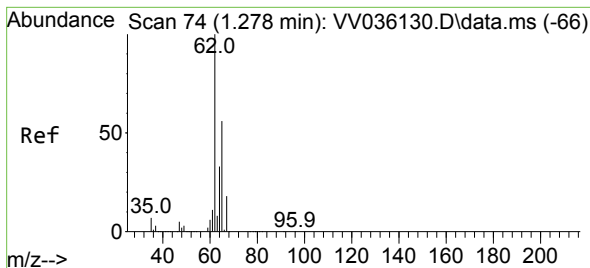
Tgt Ion: 85 Resp: 132734
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 24.271 ug/L
 RT: 1.208 min Scan# 52
 Delta R.T. -0.003 min
 Lab File: VV036149.D
 Acq: 19 Jun 2024 19:47

Tgt Ion: 50 Resp: 179481
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.8 42.4





#5

Vinyl chloride

Concen: 24.235 ug/L

RT: 1.275 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

Instrument :

MSVOA_V

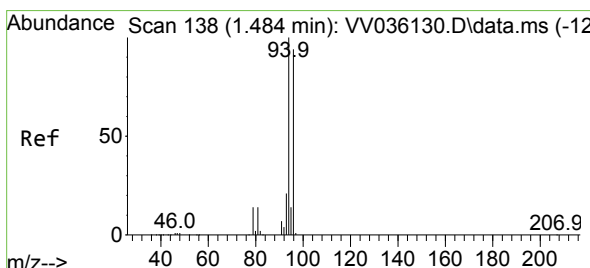
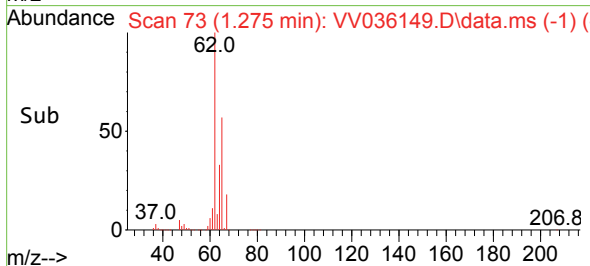
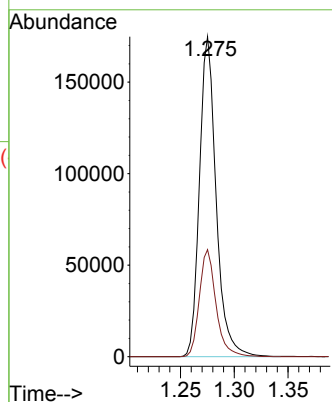
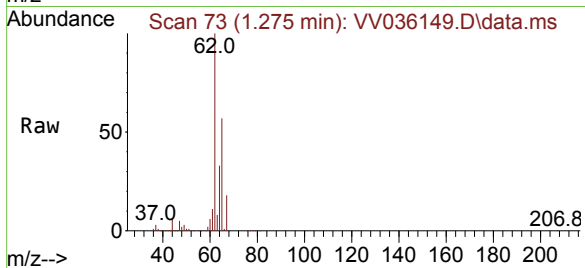
ClientSampleId :

Tgt Ion: 62 Resp: 188674

Ion Ratio Lower Upper

62 100

64 33.4 22.9 42.5



#6

Bromomethane

Concen: 25.481 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV036149.D

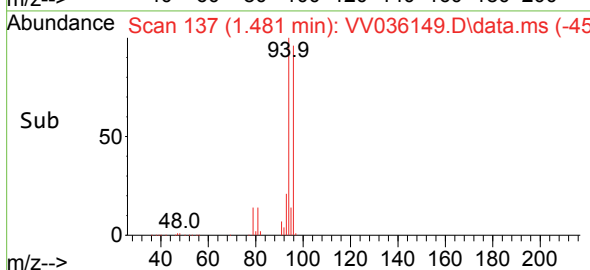
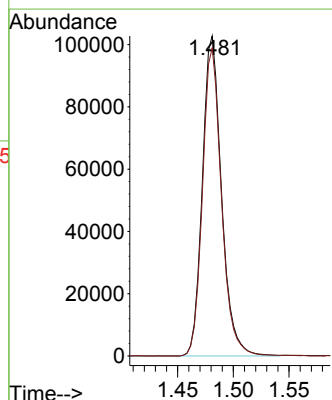
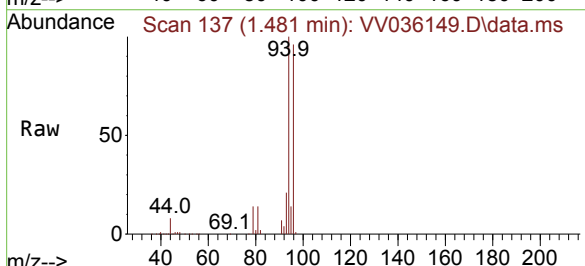
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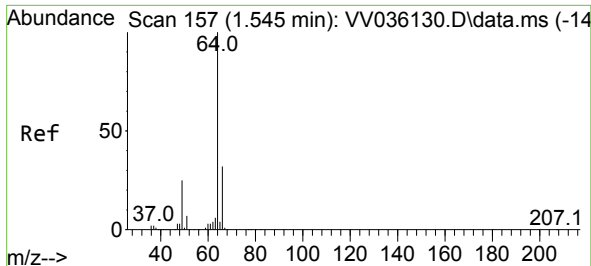
Tgt Ion: 94 Resp: 123065

Ion Ratio Lower Upper

94 100

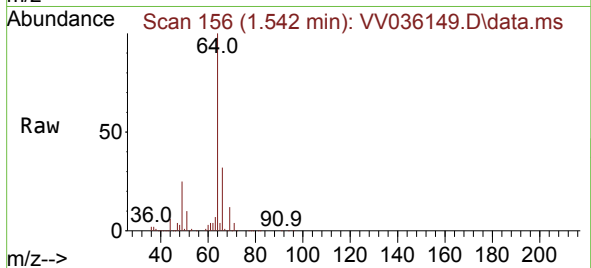
96 96.3 65.7 122.1



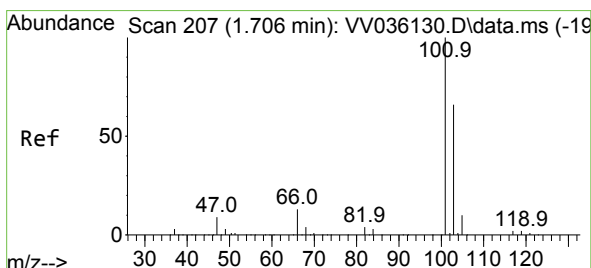
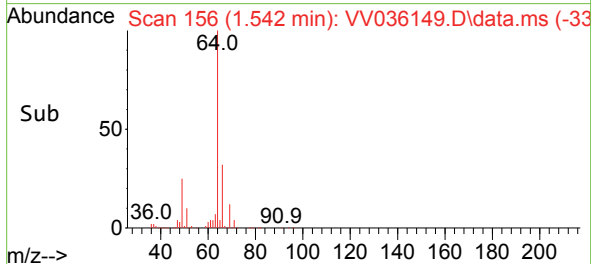
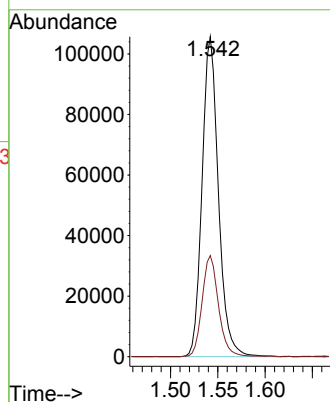


#8
Chloroethane
Concen: 26.219 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Instrument :
MSVOA_V
ClientSampleId :

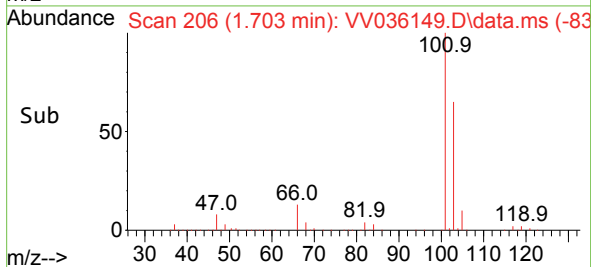
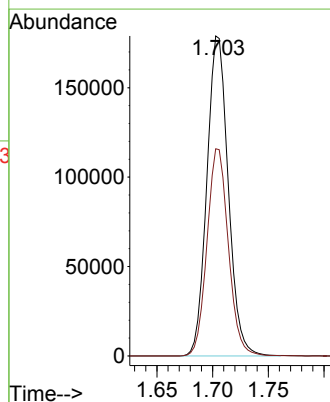
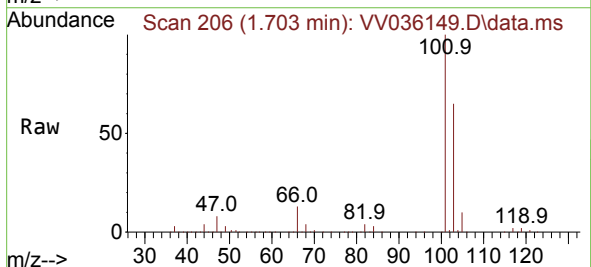


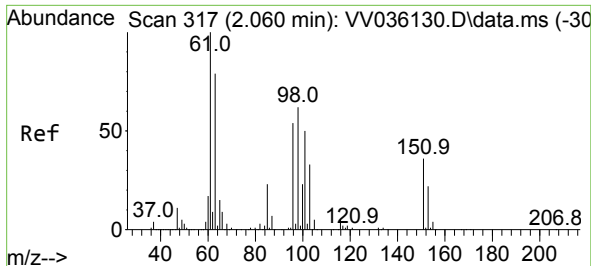
Tgt Ion: 64 Resp: 126877
Ion Ratio Lower Upper
64 100
66 31.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.698 ug/L
RT: 1.703 min Scan# 206
Delta R.T. -0.003 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Tgt Ion:101 Resp: 238783
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

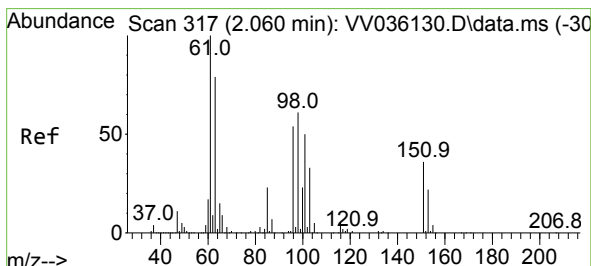
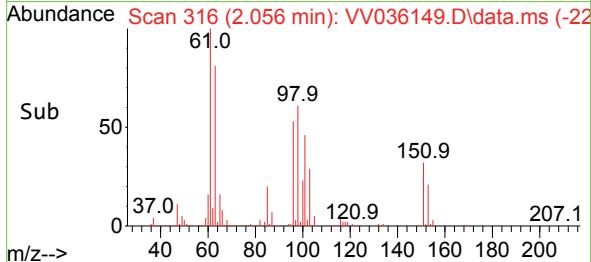
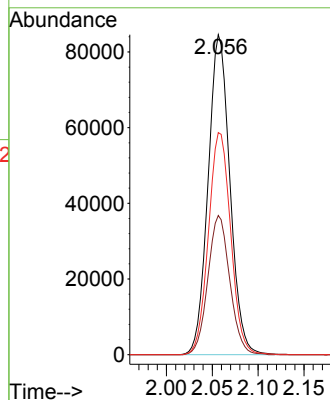
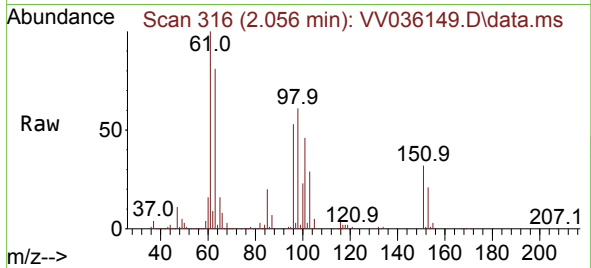




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.831 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.003 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

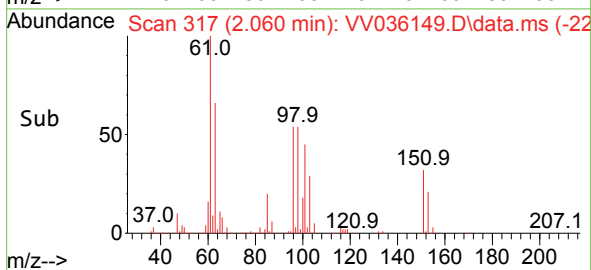
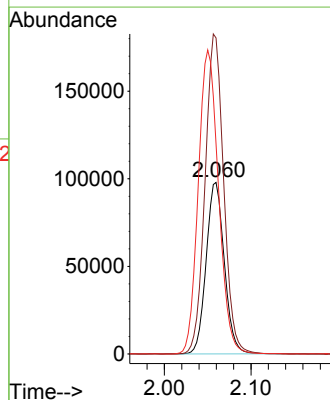
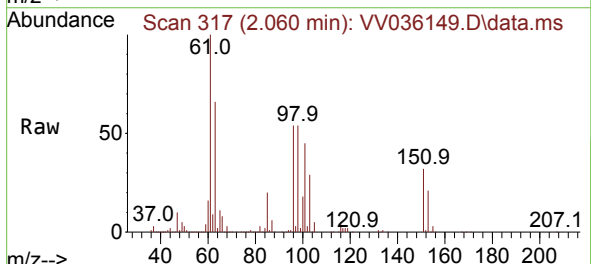
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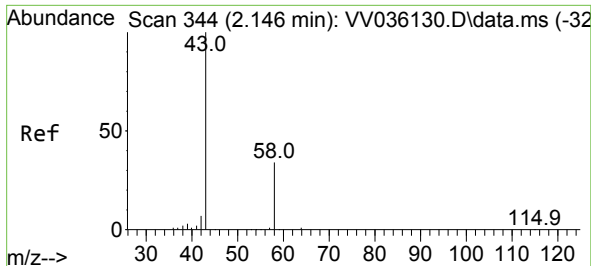
Tgt Ion:101 Resp: 140087
Ion Ratio Lower Upper
101 100
85 43.6 34.5 51.7
151 70.8 56.3 84.5



#12
1,1-Dichloroethene
Concen: 24.873 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Tgt Ion: 96 Resp: 142343
Ion Ratio Lower Upper
96 100
61 184.2 127.3 236.3
63 122.4 93.7 173.9





#13

Acetone

Concen: 34.001 ug/L

RT: 2.381 min Scan# 41

Delta R.T. 0.235 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

Instrument :

MSVOA_V

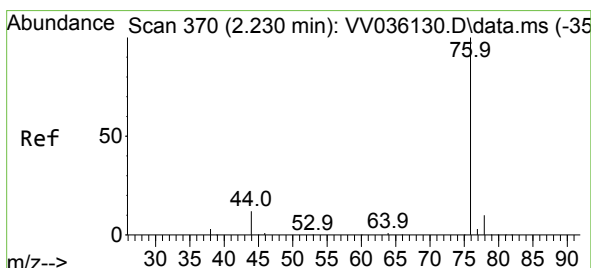
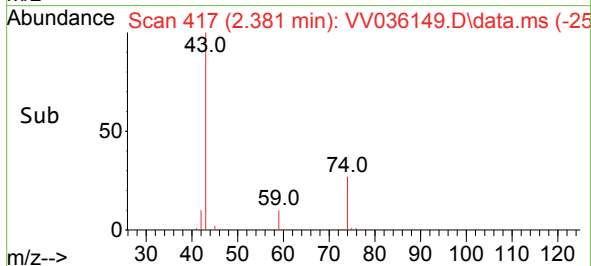
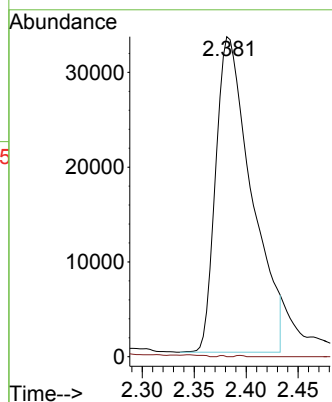
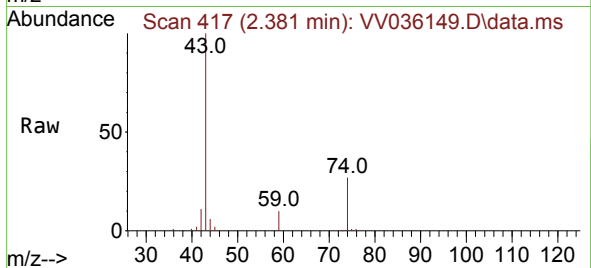
ClientSampleId :

Tgt Ion: 43 Resp: 79840

Ion Ratio Lower Upper

43 100

58 0.1 0.0 24.2



#14

Carbon disulfide

Concen: 24.337 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.000 min

Lab File: VV036149.D

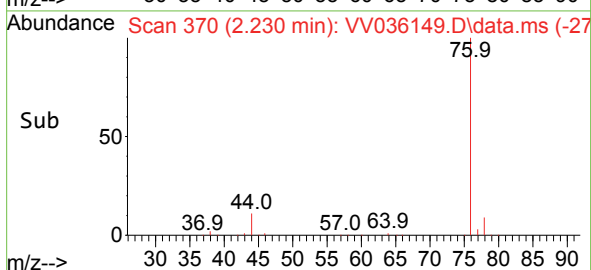
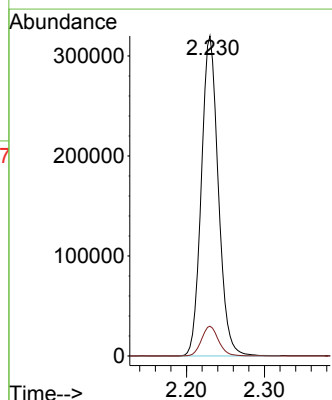
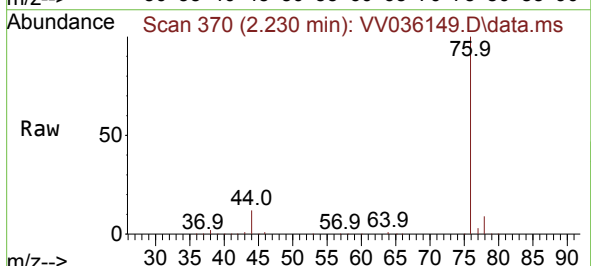
Acq: 19 Jun 2024 19:47

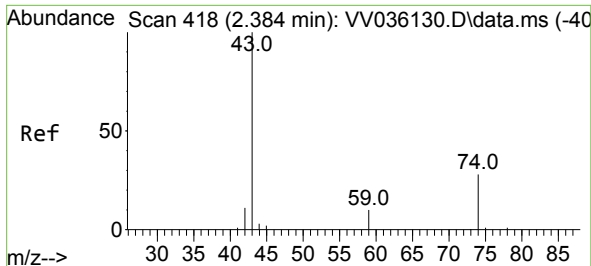
Tgt Ion: 76 Resp: 483653

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

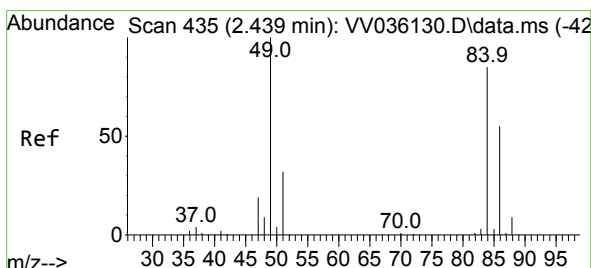
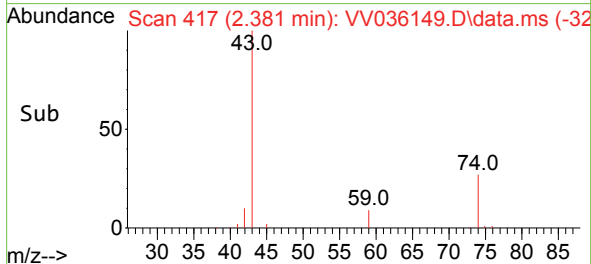
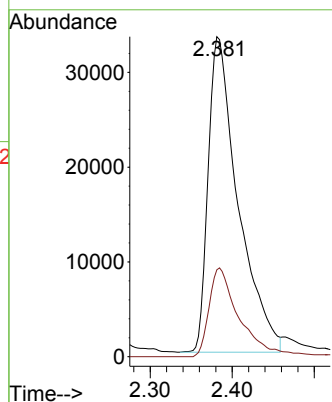
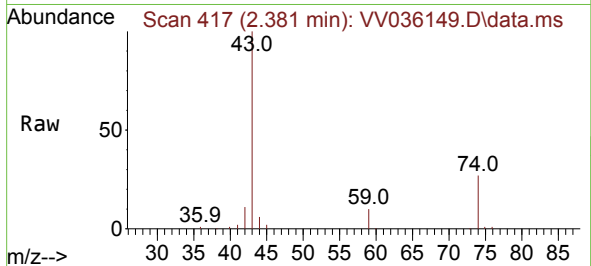




#15
Methyl Acetate
Concen: 28.927 ug/L
RT: 2.381 min Scan# 418
Delta R.T. -0.003 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

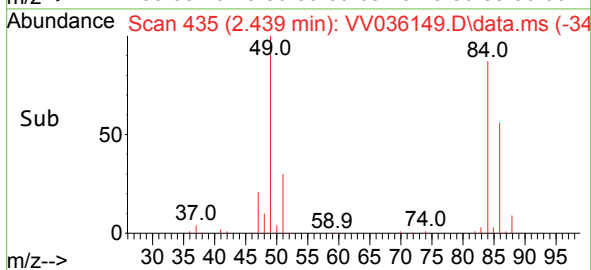
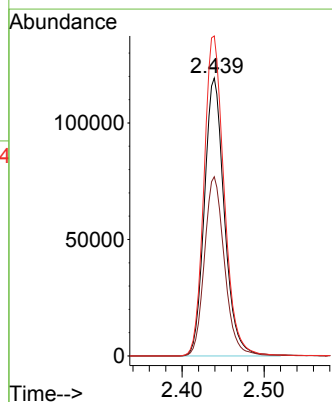
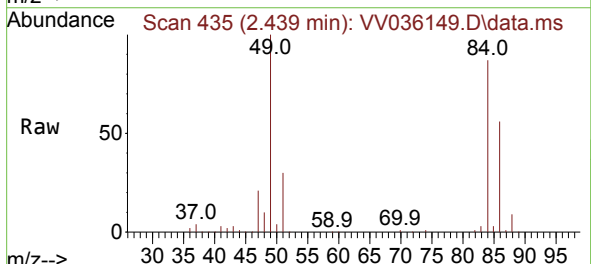
Instrument :
MSVOA_V
ClientSampleId :

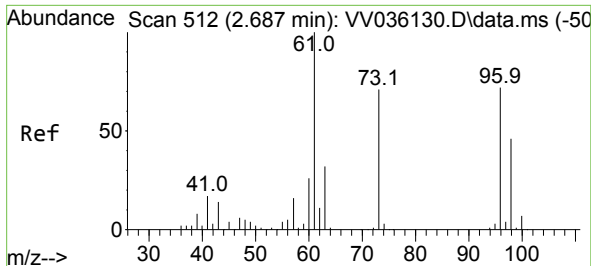
Tgt Ion: 43 Resp: 84431
Ion Ratio Lower Upper
43 100
74 27.1 21.4 32.2



#16
Methylene chloride
Concen: 24.982 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

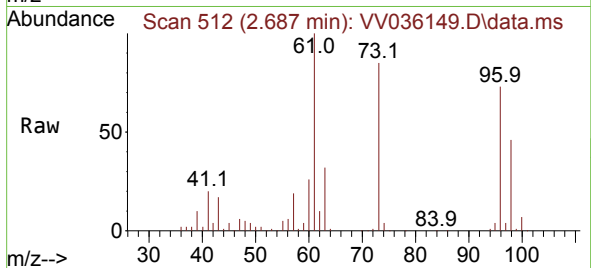
Tgt Ion: 84 Resp: 202019
Ion Ratio Lower Upper
84 100
86 64.5 44.6 82.8
49 115.2 81.1 150.5



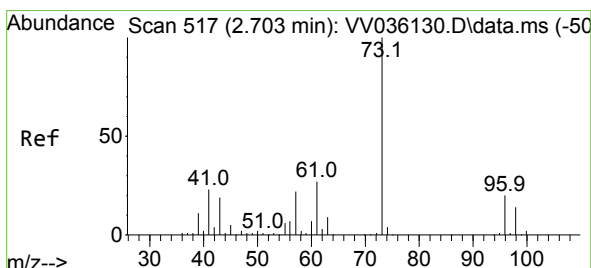
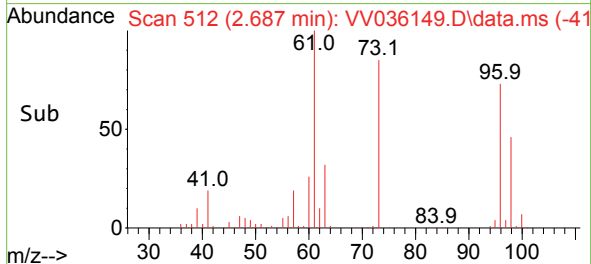
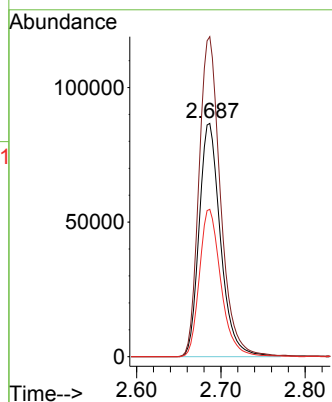


#17
trans-1,2-Dichloroethene
Concen: 25.171 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Instrument :
MSVOA_V
ClientSampleId :

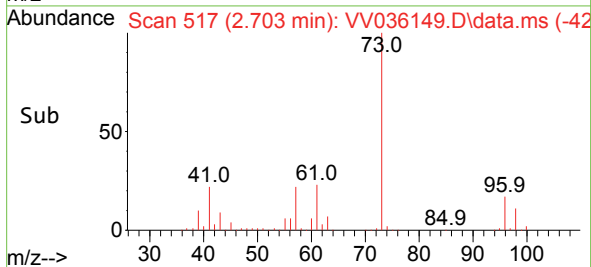
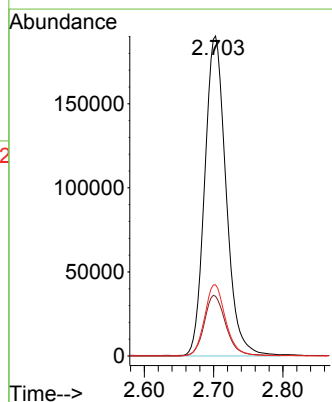
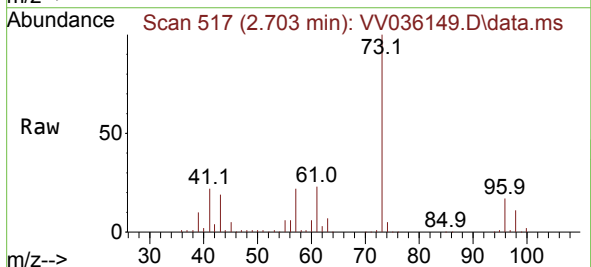


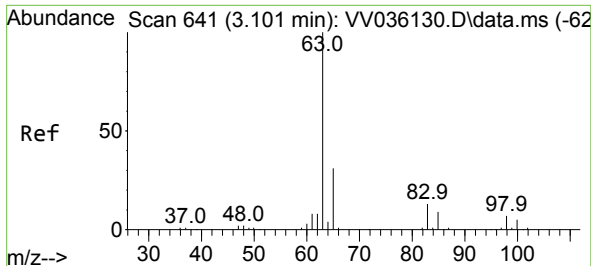
Tgt Ion: 96 Resp: 153019
Ion Ratio Lower Upper
96 100
61 137.2 99.4 184.6
98 63.1 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 29.825 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Tgt Ion: 73 Resp: 407041
Ion Ratio Lower Upper
73 100
43 18.7 14.3 21.5
57 21.9 17.8 26.6





#19

1,1-Dichloroethane

Concen: 26.496 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

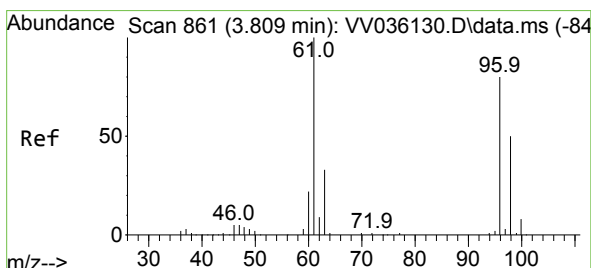
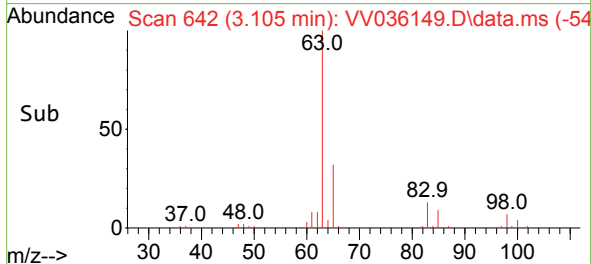
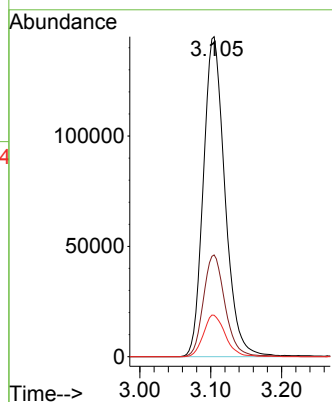
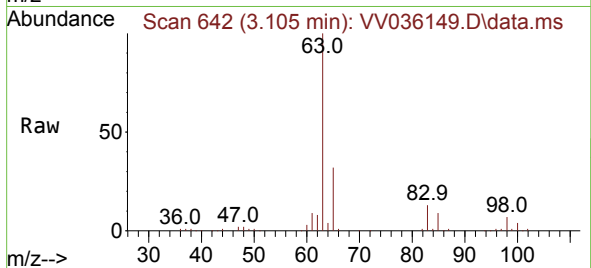
Tgt Ion: 63 Resp: 306747

Ion Ratio Lower Upper

63 100

65 31.8 22.4 41.6

83 12.9 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 26.298 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

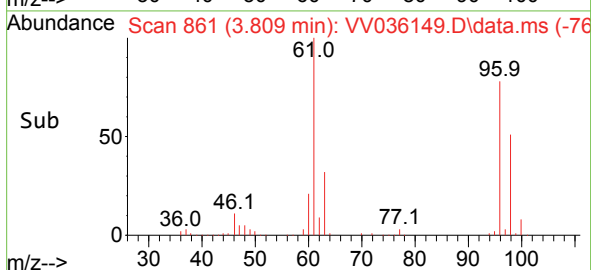
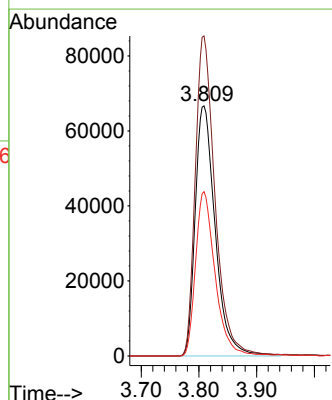
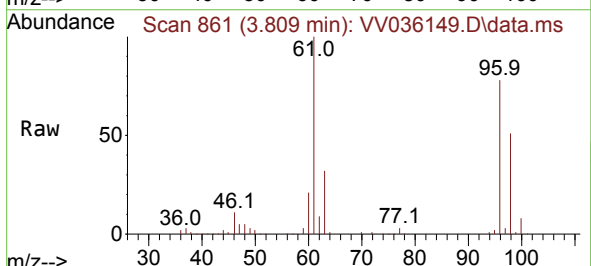
Tgt Ion: 96 Resp: 160639

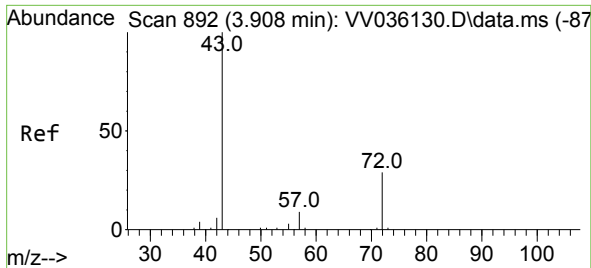
Ion Ratio Lower Upper

96 100

61 128.0 87.9 163.3

98 65.7 44.4 82.5

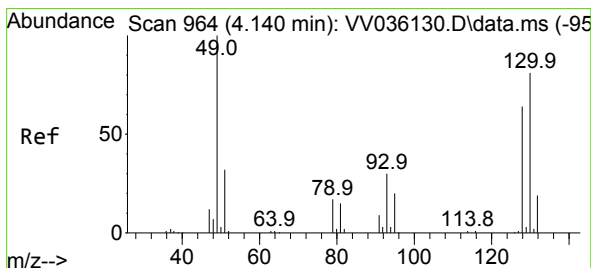
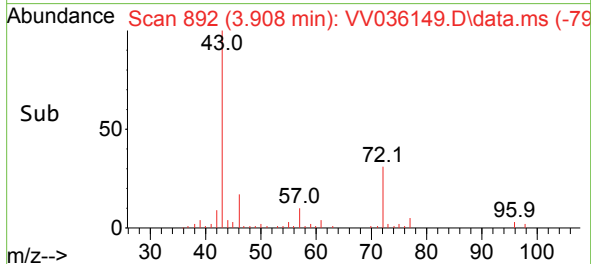
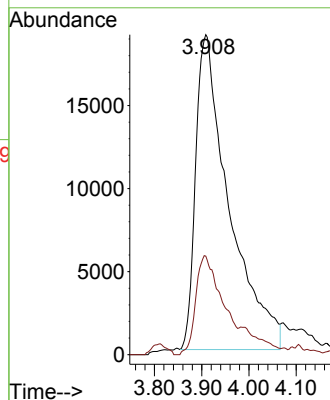
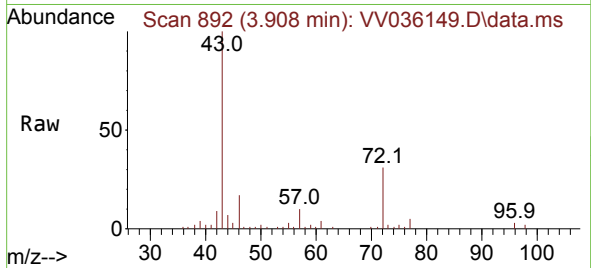




#22
2-Butanone
Concen: 46.795 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

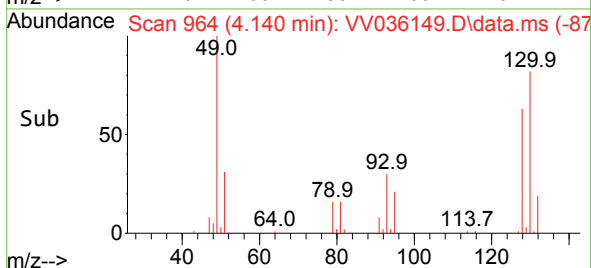
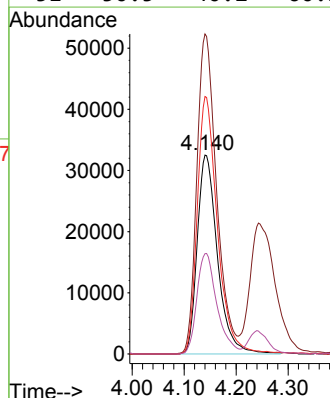
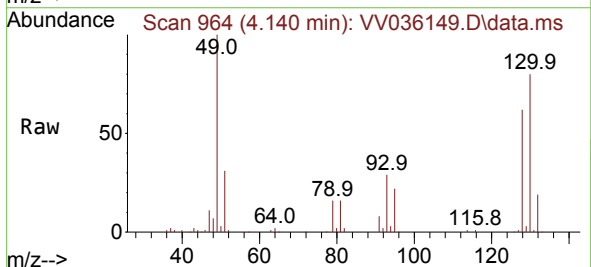
Instrument :
MSVOA_V
ClientSampleId :

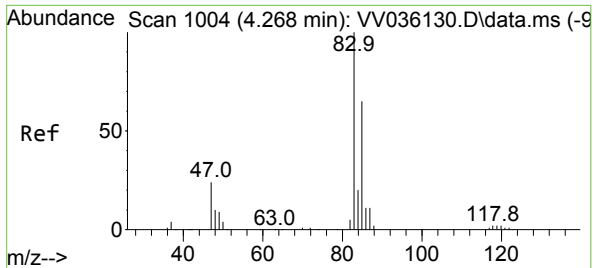
Tgt Ion: 43 Resp: 93238
Ion Ratio Lower Upper
43 100
72 24.6 8.2 24.4#



#23
Bromochloromethane
Concen: 28.715 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Tgt Ion:128 Resp: 87985
Ion Ratio Lower Upper
128 100
49 160.9 110.2 204.6
130 129.4 90.2 167.4
51 50.5 40.2 60.2

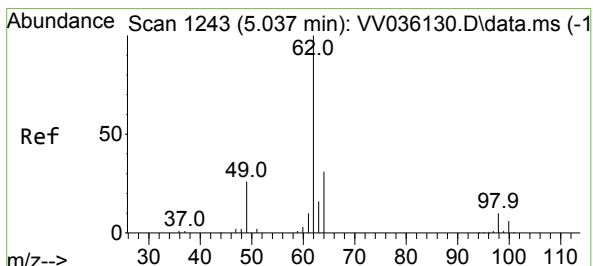
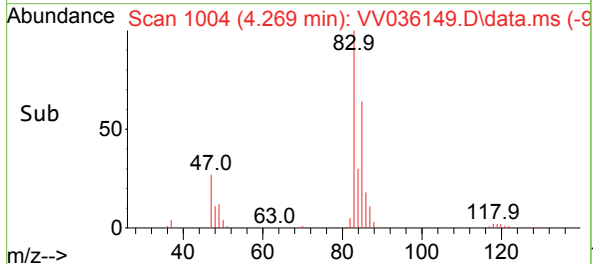
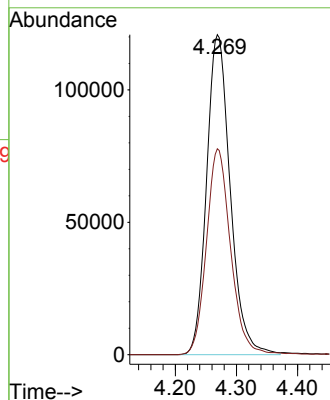
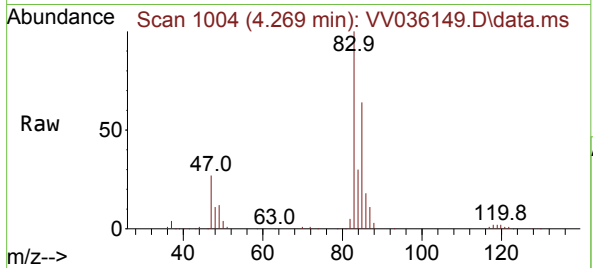




#25
Chloroform
Concen: 27.297 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

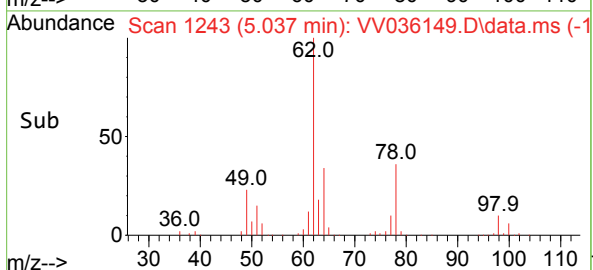
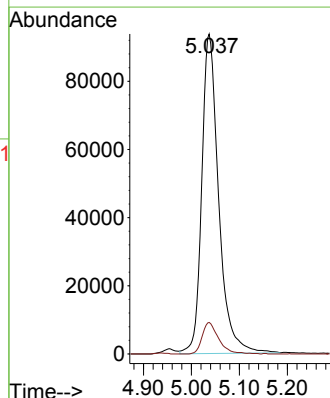
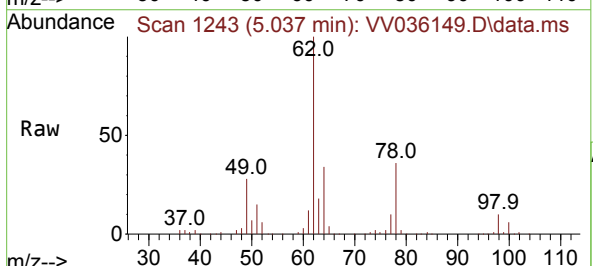
Instrument :
MSVOA_V
ClientSampleId :

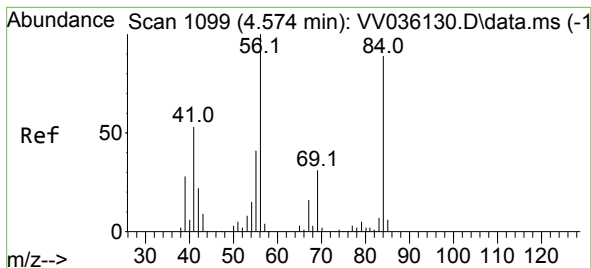
Tgt Ion: 83 Resp: 325078
Ion Ratio Lower Upper
83 100
85 64.3 45.2 84.0



#27
1,2-Dichloroethane
Concen: 30.875 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Tgt Ion: 62 Resp: 229549
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.6





#29

Cyclohexane

Concen: 20.703 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

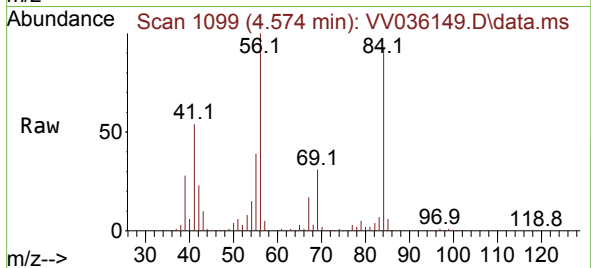
Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :



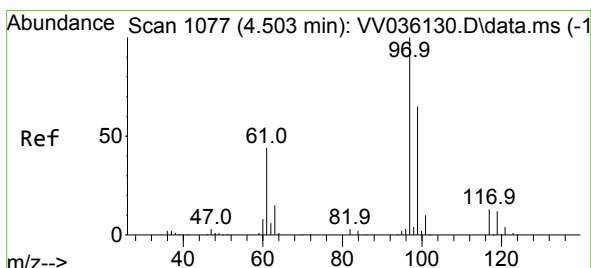
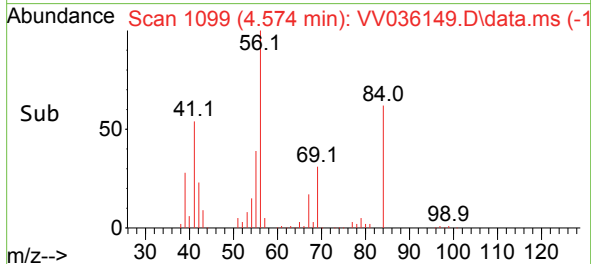
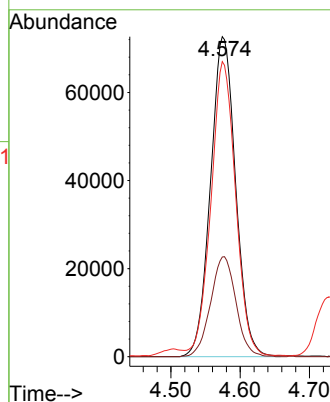
Tgt Ion: 56 Resp: 183049

Ion Ratio Lower Upper

56 100

69 31.5 25.2 37.8

84 89.6 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 24.821 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

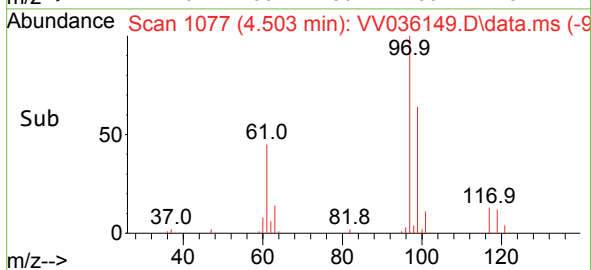
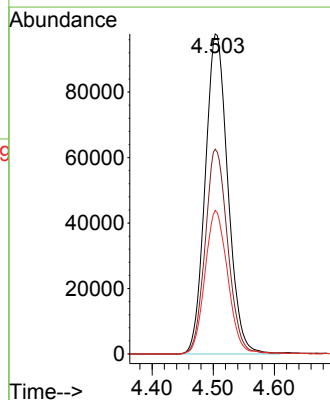
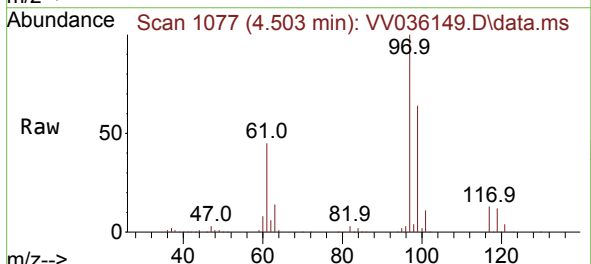
Tgt Ion: 97 Resp: 251981

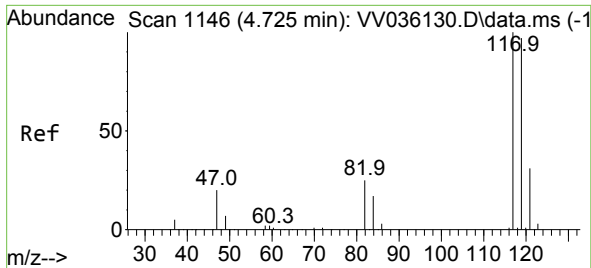
Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 44.7 35.0 52.6

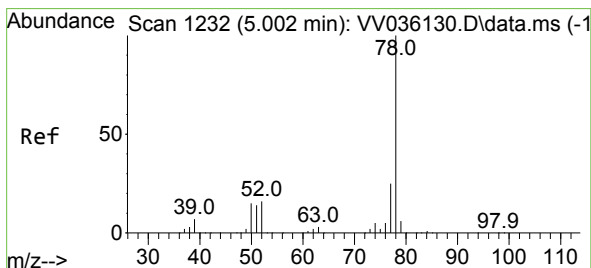
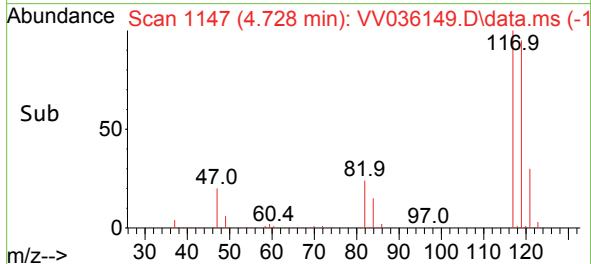
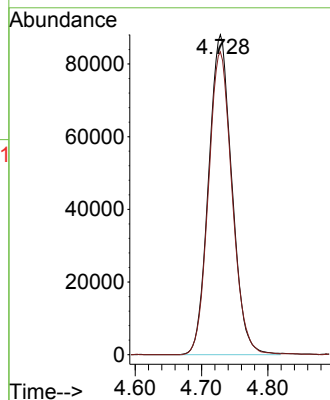
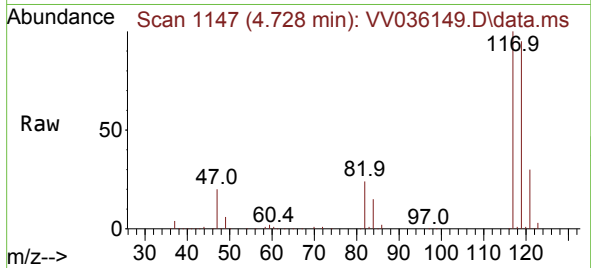




#31
Carbon tetrachloride
Concen: 24.147 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

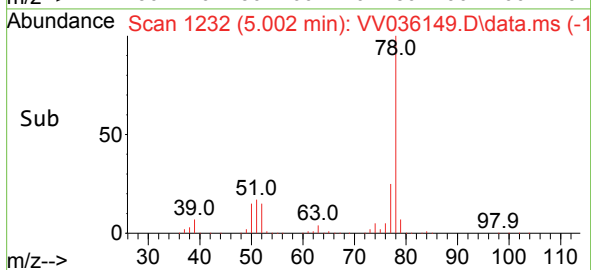
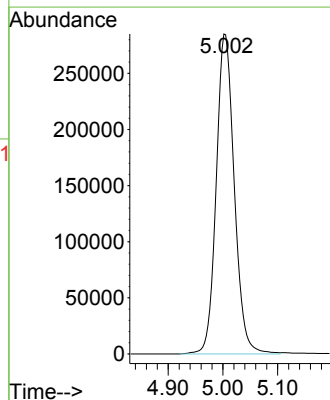
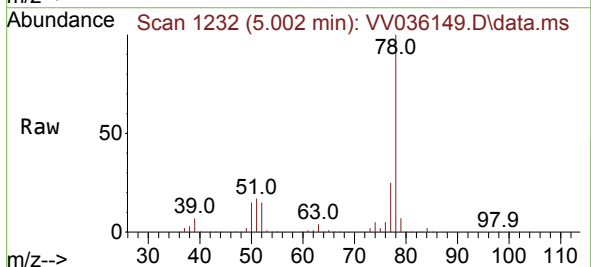
Instrument :
MSVOA_V
ClientSampleId :

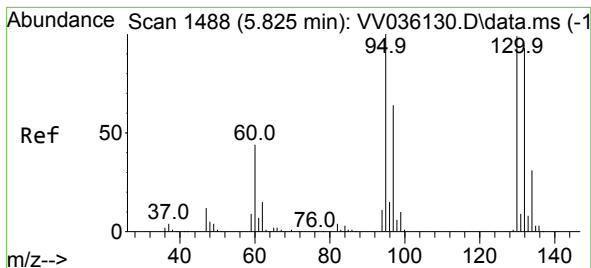
Tgt Ion:117 Resp: 215057
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2



#33
Benzene
Concen: 26.918 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Tgt Ion: 78 Resp: 653767





#34

Trichloroethene

Concen: 25.792 ug/L

RT: 5.828 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 191985

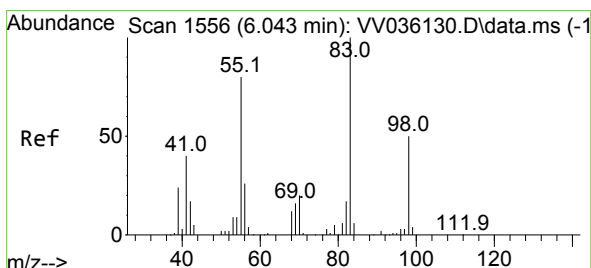
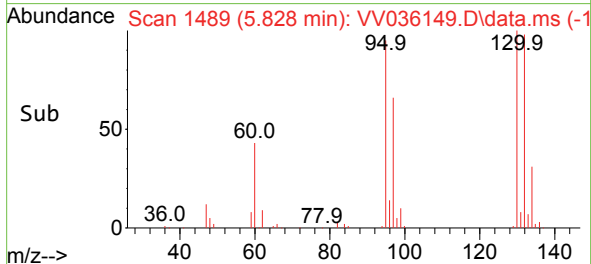
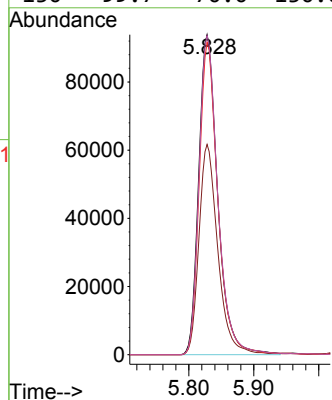
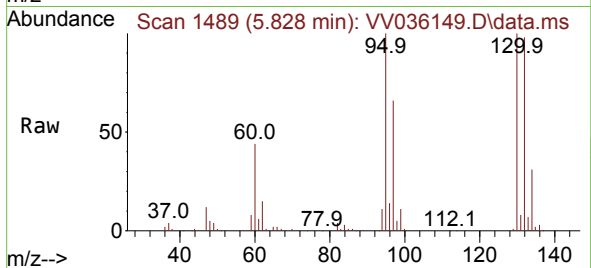
Ion Ratio Lower Upper

95 100

97 65.7 44.8 83.2

132 97.6 66.8 124.2

130 99.7 70.0 130.0



#35

Methylcyclohexane

Concen: 20.091 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

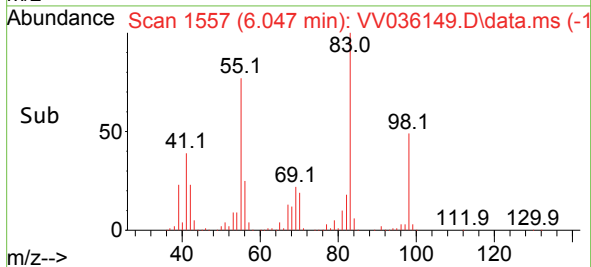
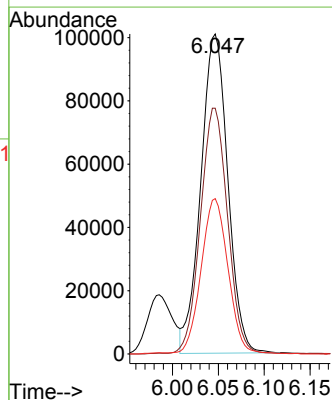
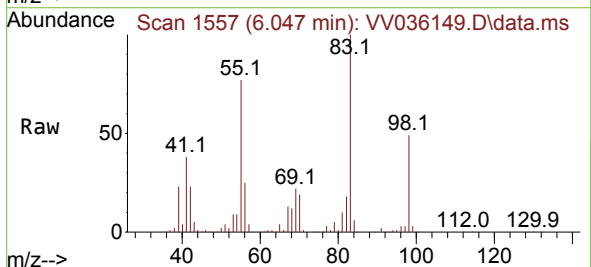
Tgt Ion: 83 Resp: 206812

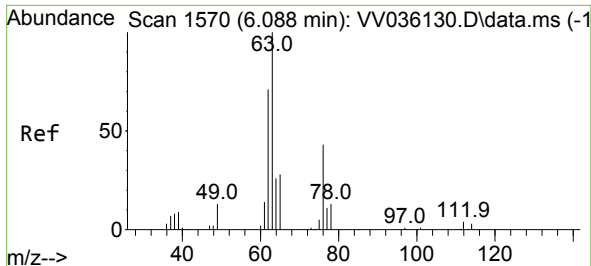
Ion Ratio Lower Upper

83 100

55 77.4 60.7 91.1

98 48.6 38.7 58.1





#37

1,2-Dichloropropane

Concen: 27.831 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

Instrument :

MSVOA_V

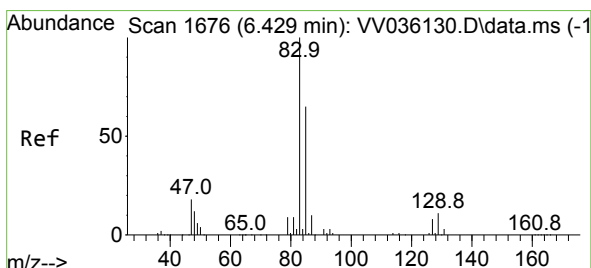
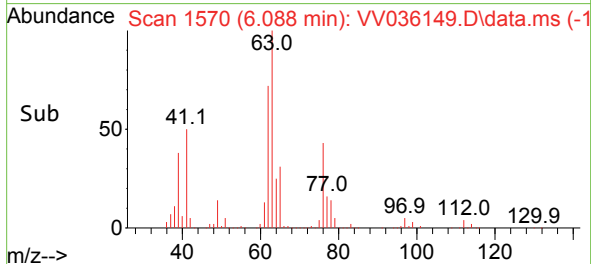
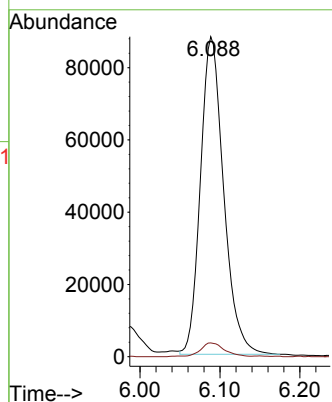
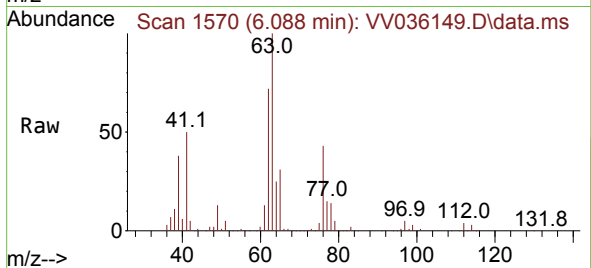
ClientSampleId :

Tgt Ion: 63 Resp: 177487

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 27.955 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

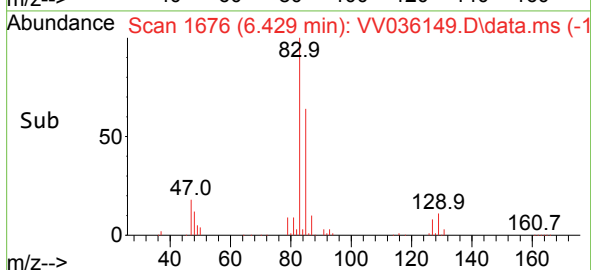
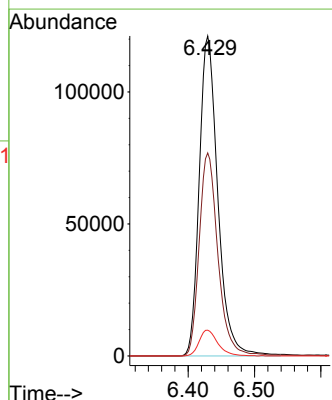
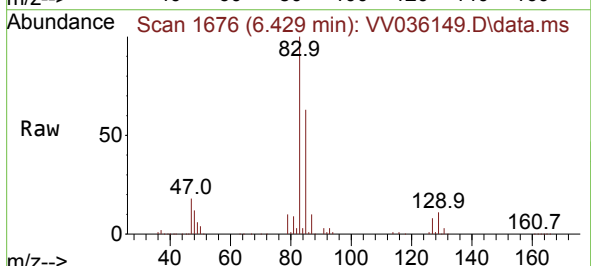
Tgt Ion: 83 Resp: 235960

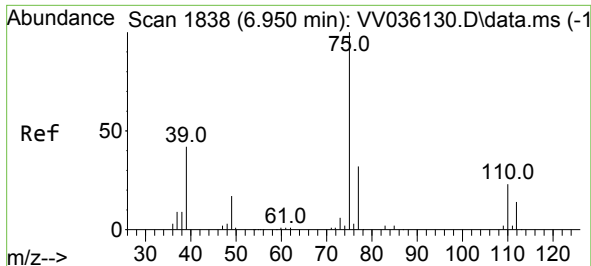
Ion Ratio Lower Upper

83 100

85 63.5 45.3 84.1

127 8.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 26.544 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

Instrument :

MSVOA_V

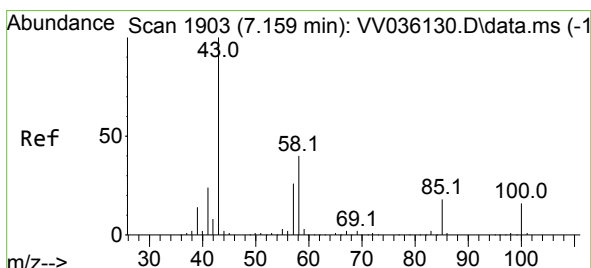
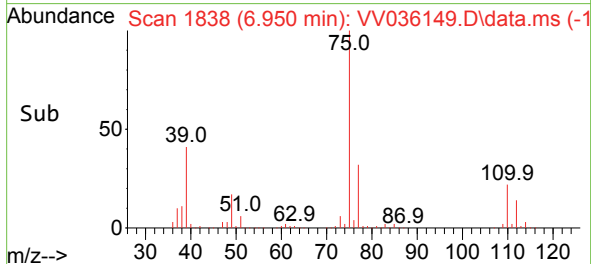
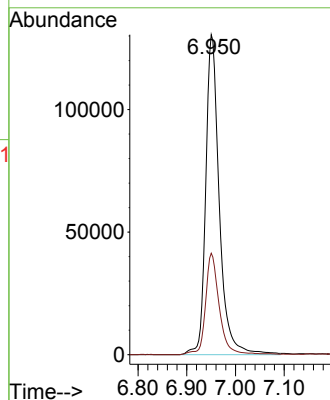
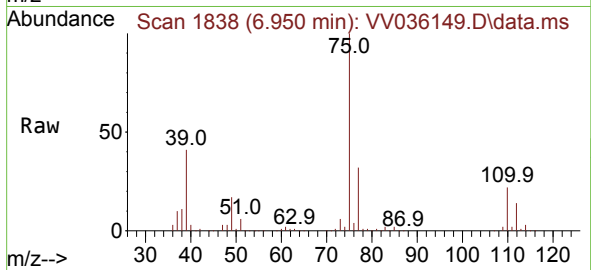
ClientSampleId :

Tgt Ion: 75 Resp: 253187

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 64.389 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

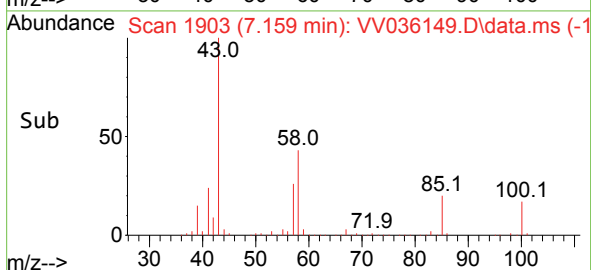
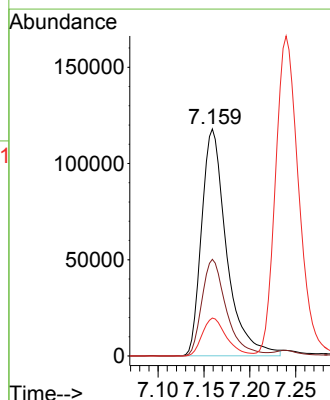
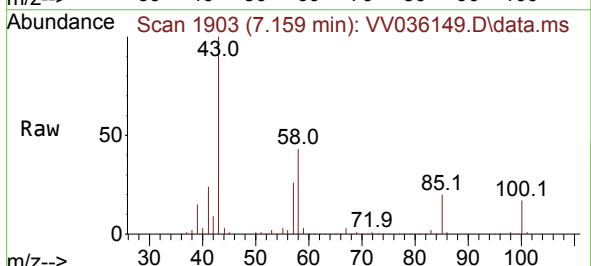
Tgt Ion: 43 Resp: 223095

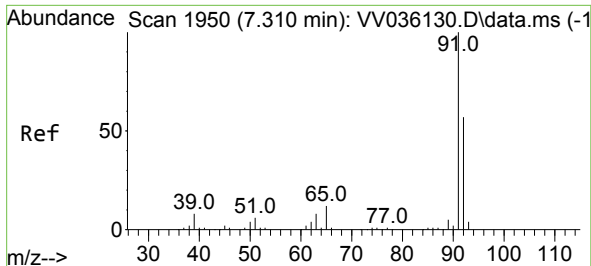
Ion Ratio Lower Upper

43 100

58 41.8 32.5 48.7

100 16.3 12.5 18.7





#42

Toluene

Concen: 27.556 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

Instrument :

MSVOA_V

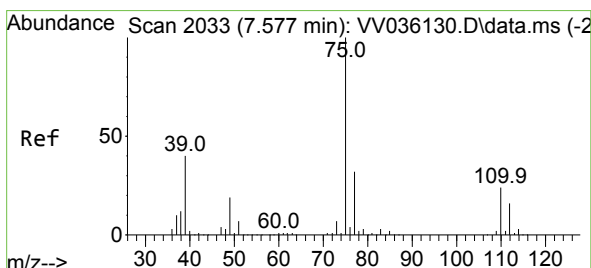
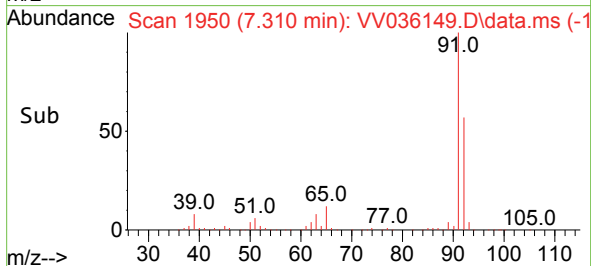
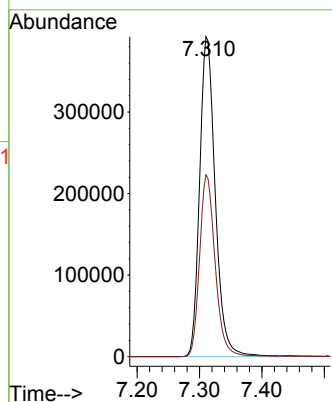
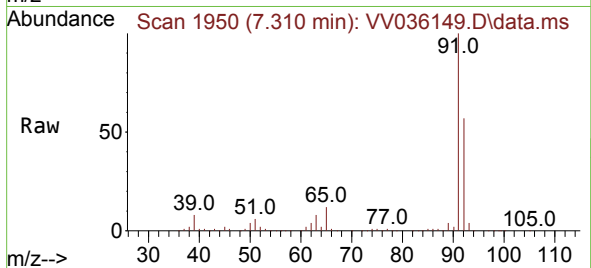
ClientSampleId :

Tgt Ion: 91 Resp: 683853

Ion Ratio Lower Upper

91 100

92 56.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 28.352 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV036149.D

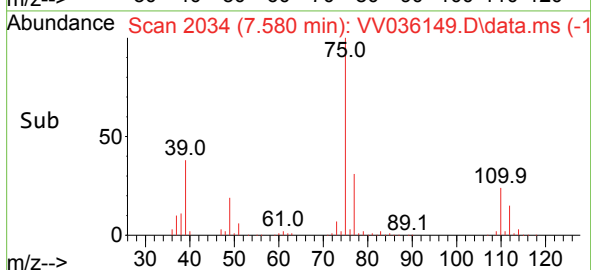
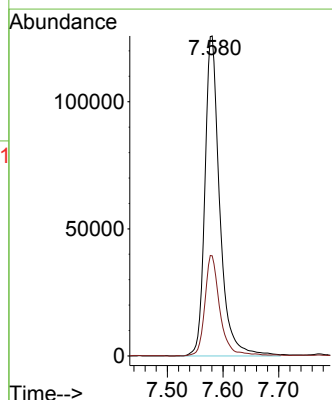
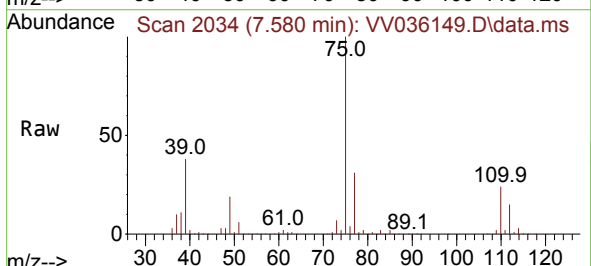
Acq: 19 Jun 2024 19:47

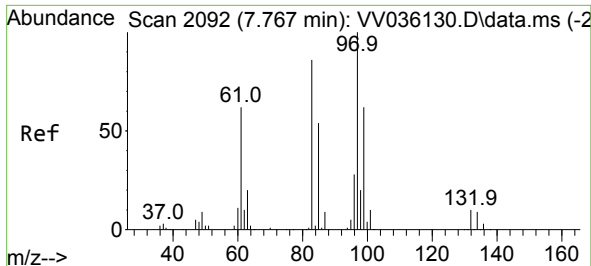
Tgt Ion: 75 Resp: 233586

Ion Ratio Lower Upper

75 100

77 31.3 23.1 42.9

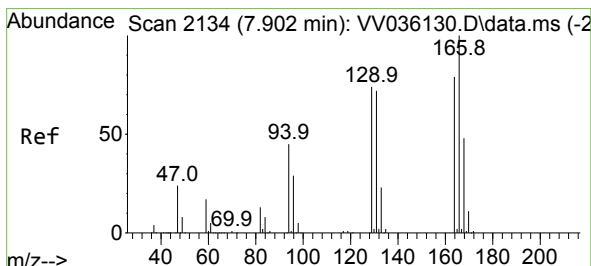
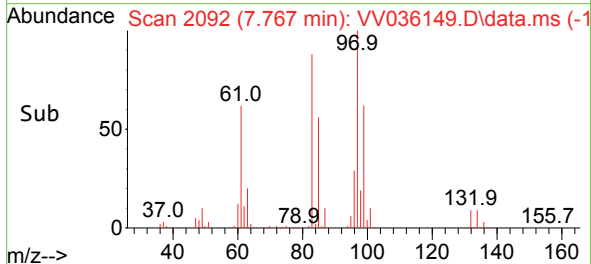
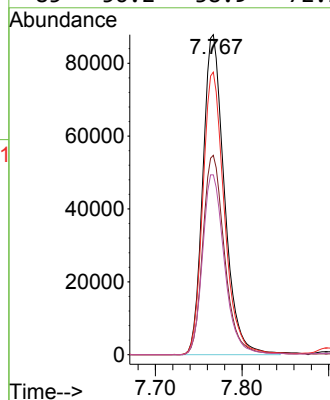
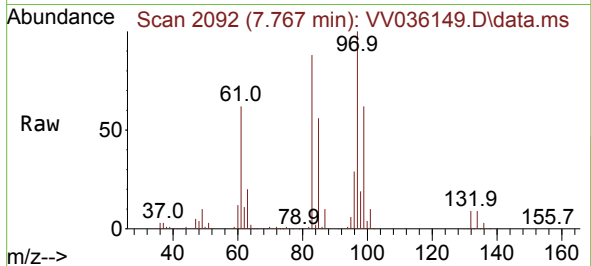




#45
1,1,2-Trichloroethane
Concen: 28.772 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

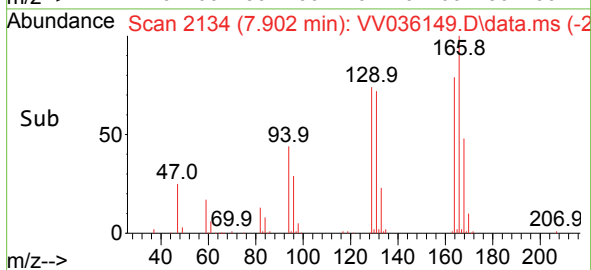
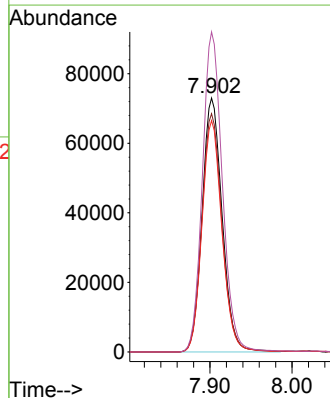
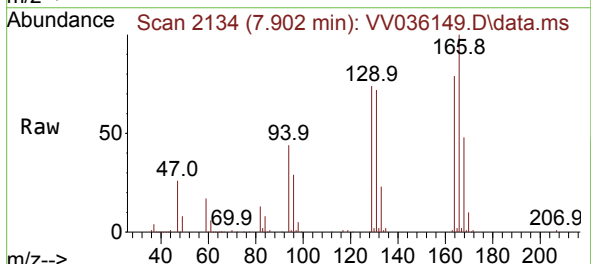
Instrument :
MSVOA_V
ClientSampleId :

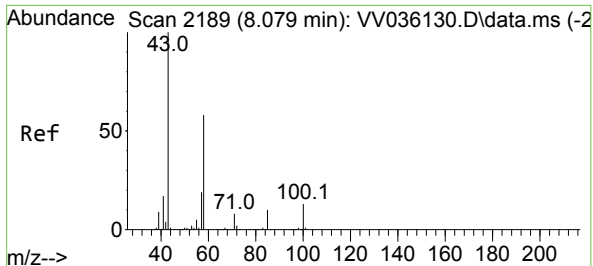
Tgt Ion: 97	Resp: 151822
Ion Ratio	Lower Upper
97 100	
99 62.3	43.3 80.5
83 88.3	60.1 111.7
85 56.2	38.9 72.3



#46
Tetrachloroethene
Concen: 22.757 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Tgt	Ion:164	Resp:	123888
Ion	Ratio	Lower	Upper
164	100		
129	93.9	64.6	120.0
131	91.1	63.2	117.4
166	126.0	89.5	166.3



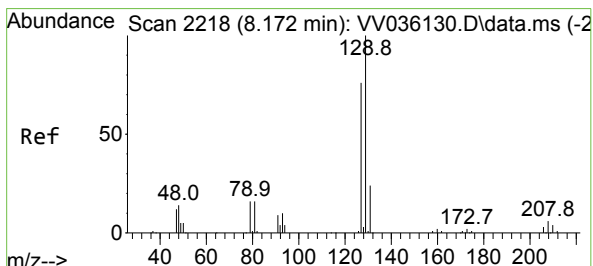
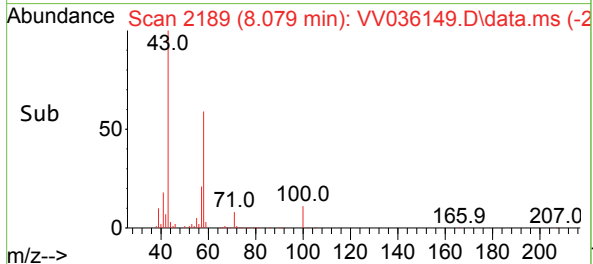
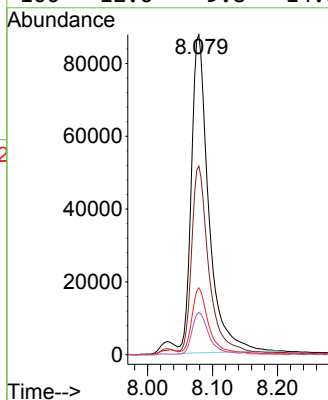
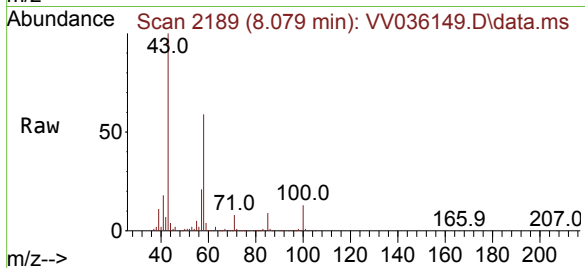


#48
2-Hexanone
Concen: 60.101 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 162796

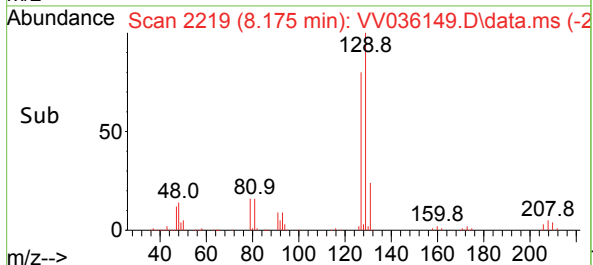
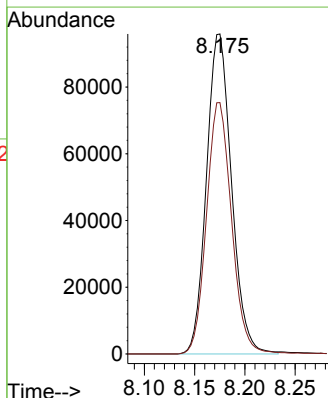
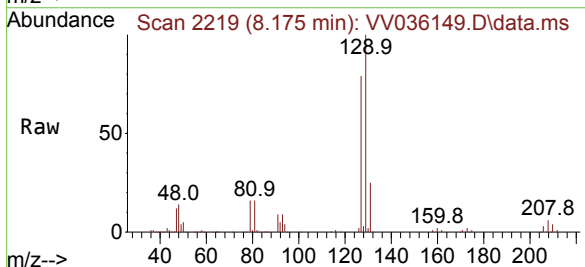
Ion	Ratio	Lower	Upper
43	100		
58	57.6	45.4	68.0
57	20.5	15.8	23.8
100	12.6	9.8	14.8

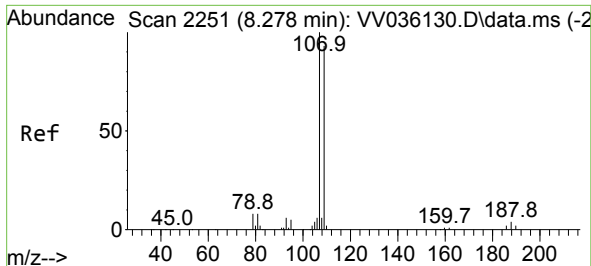


#49
Dibromochloromethane
Concen: 28.838 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Tgt Ion: 129 Resp: 166539

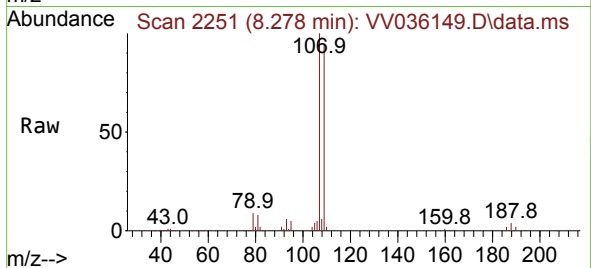
Ion	Ratio	Lower	Upper
129	100		
127	78.6	53.9	100.1



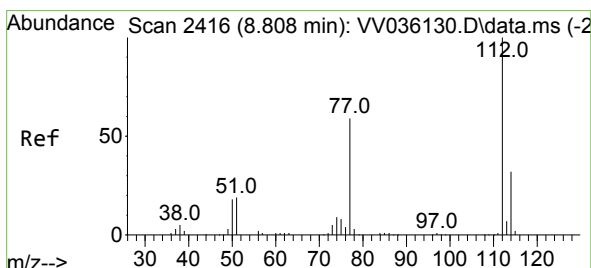
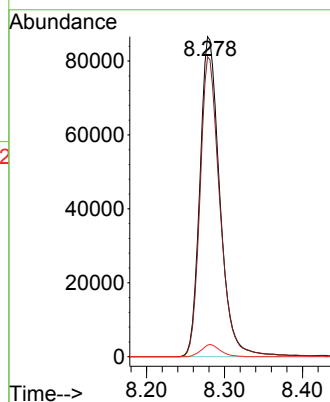
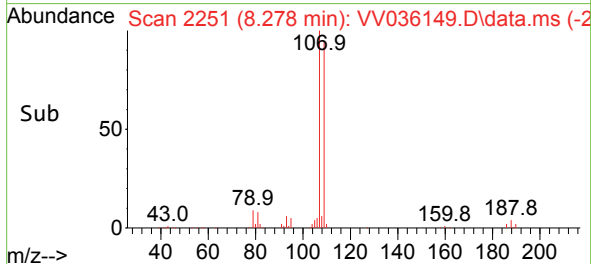


#50
1,2-Dibromoethane
Concen: 30.240 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

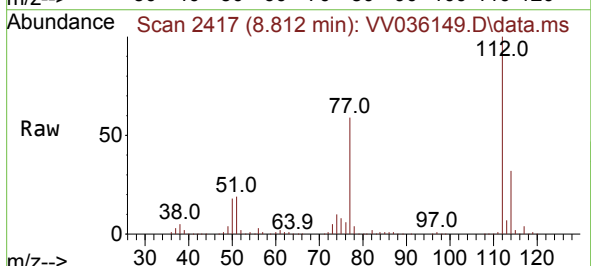
Instrument :
MSVOA_V
ClientSampleId :



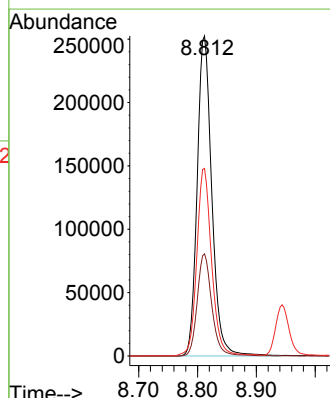
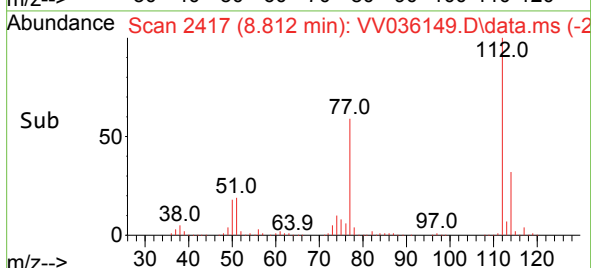
Tgt Ion:107 Resp: 153109
Ion Ratio Lower Upper
107 100
109 93.7 66.1 122.7
188 3.6 3.0 4.6

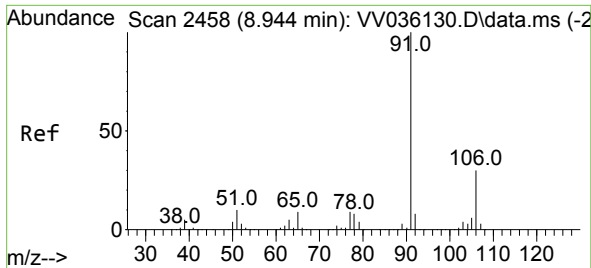


#51
Chlorobenzene
Concen: 25.819 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47



Tgt Ion:112 Resp: 436580
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 58.6 47.3 70.9

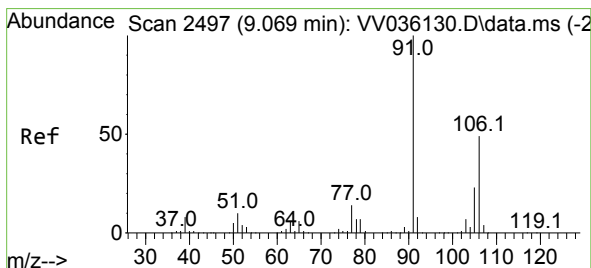
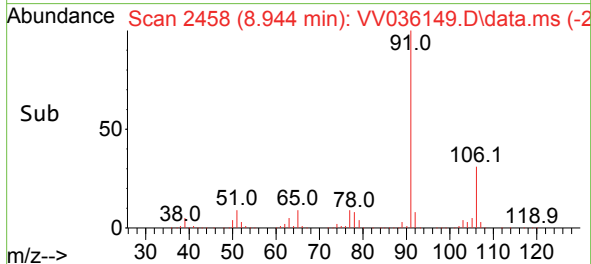
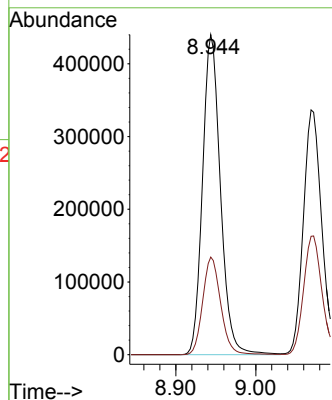
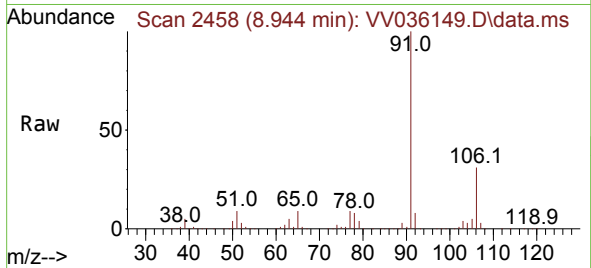




#52
Ethylbenzene
Concen: 25.861 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

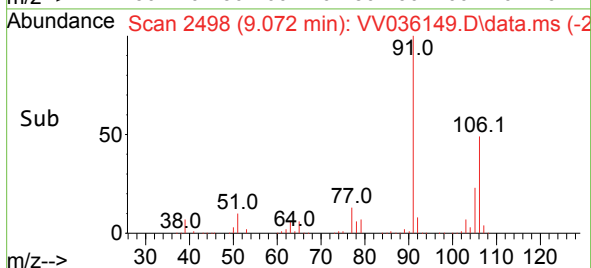
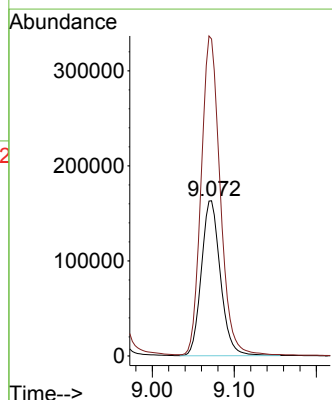
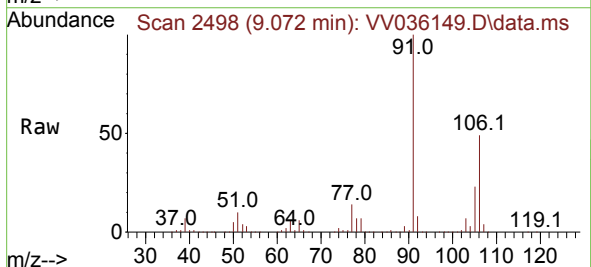
Instrument :
MSVOA_V
ClientSampleId :

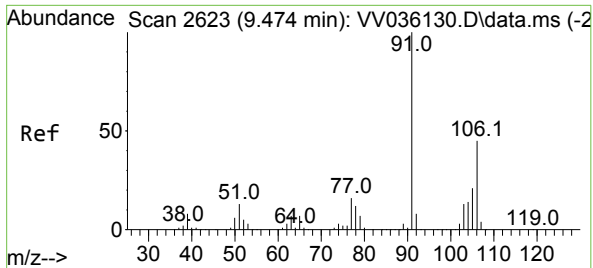
Tgt Ion: 91 Resp: 686662
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.0



#53
m,p-Xylene
Concen: 26.304 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Tgt Ion: 106 Resp: 262426
Ion Ratio Lower Upper
106 100
91 204.2 143.1 265.9

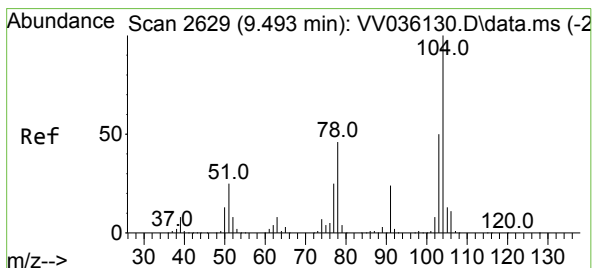
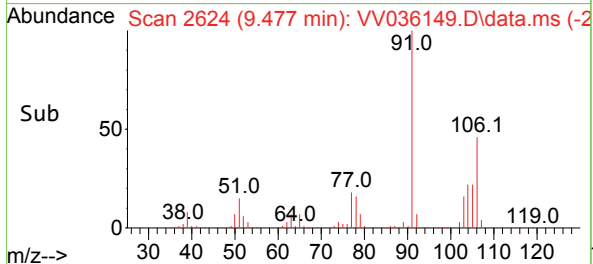
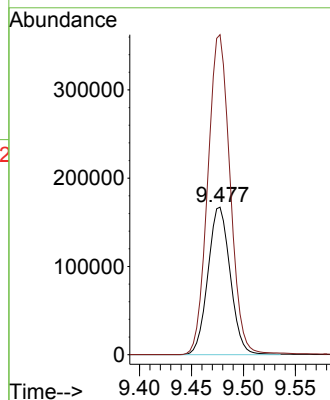
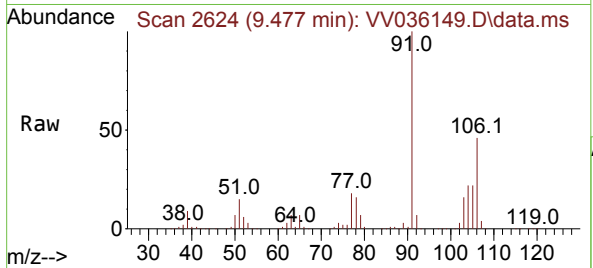




#54
o-Xylene
Concen: 26.513 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

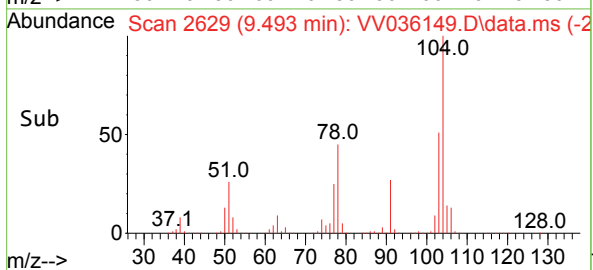
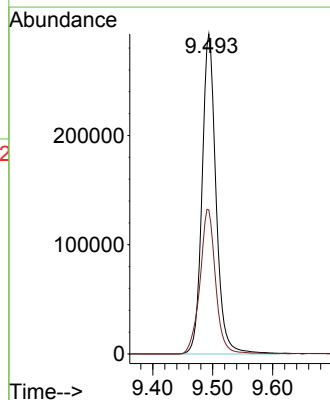
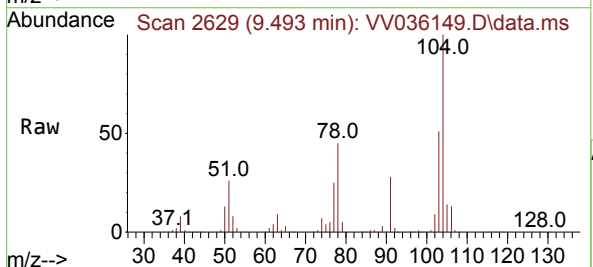
Instrument :
MSVOA_V
ClientSampleId :

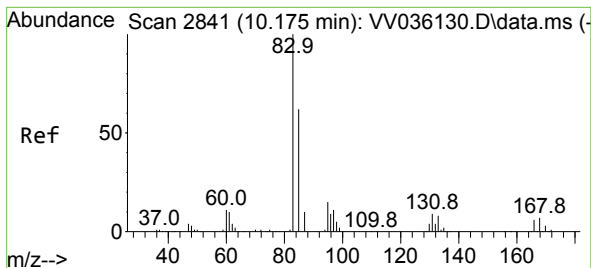
Tgt Ion:106 Resp: 249442
Ion Ratio Lower Upper
106 100
91 216.9 154.5 286.9



#55
Styrene
Concen: 28.749 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Tgt Ion:104 Resp: 476982
Ion Ratio Lower Upper
104 100
78 45.0 31.4 58.2

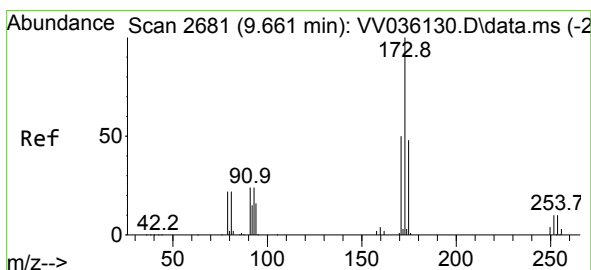
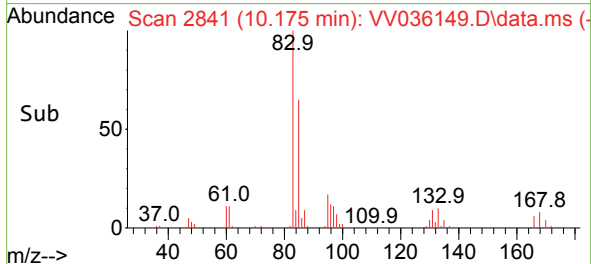
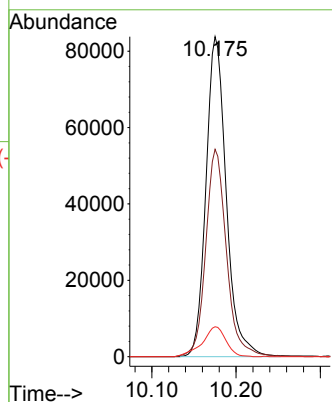
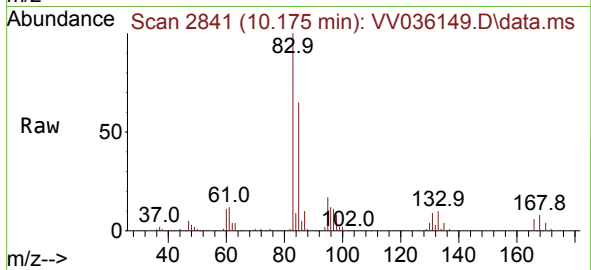




#57
1,1,2,2-Tetrachloroethane
Concen: 29.718 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

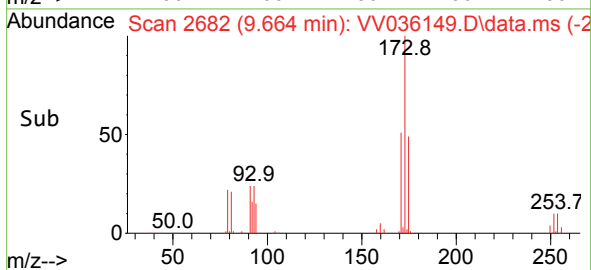
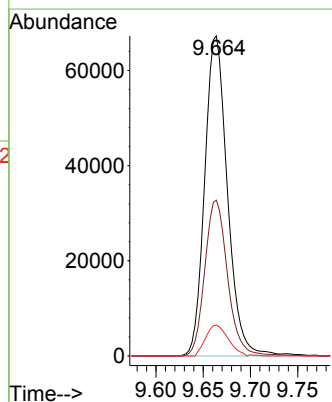
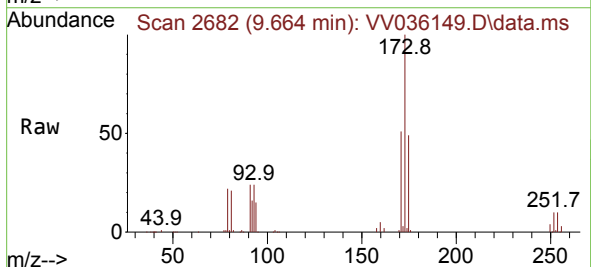
Instrument :
MSVOA_V
ClientSampleId :

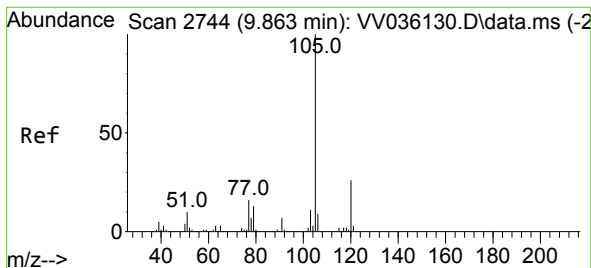
Tgt Ion: 83 Resp: 140414
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.7
131 9.4 7.6 11.4



#59
Bromoform
Concen: 29.793 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Tgt Ion: 173 Resp: 112435
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.6
254 9.5 8.6 13.0





#60

Isopropylbenzene

Concen: 24.631 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

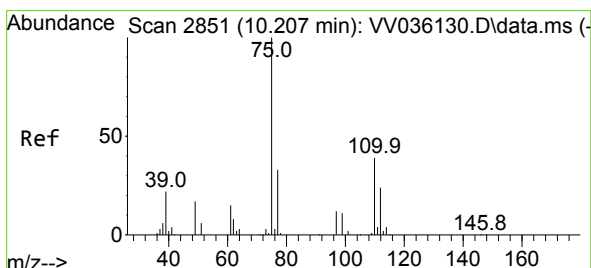
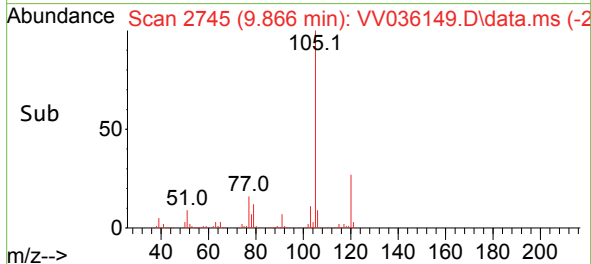
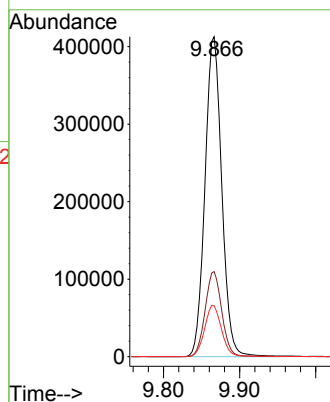
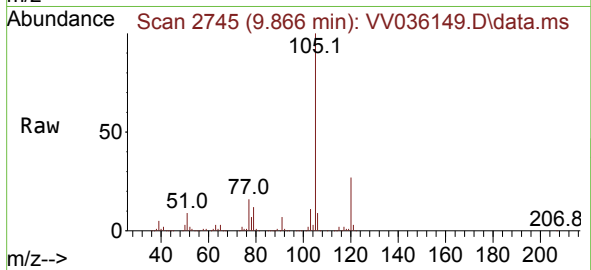
Tgt Ion:105 Resp: 632377

Ion Ratio Lower Upper

105 100

120 26.4 21.0 31.6

77 16.1 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 30.970 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

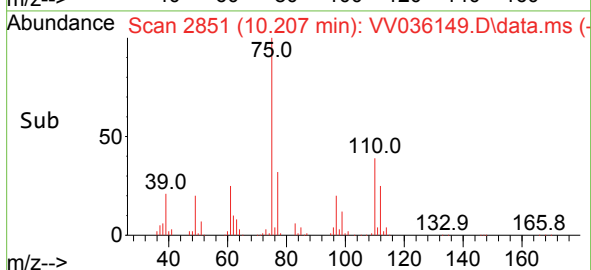
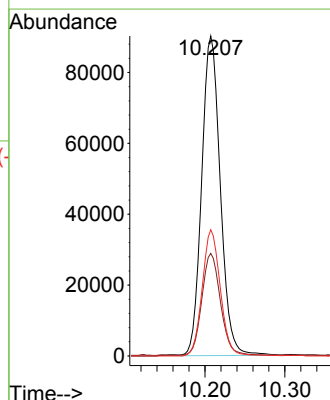
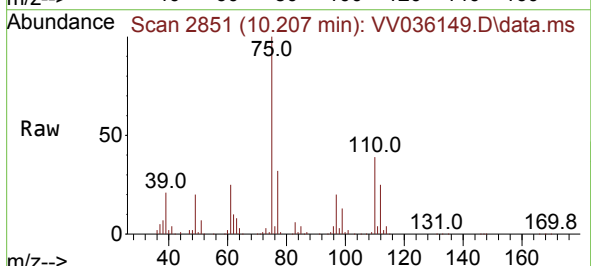
Tgt Ion: 75 Resp: 146579

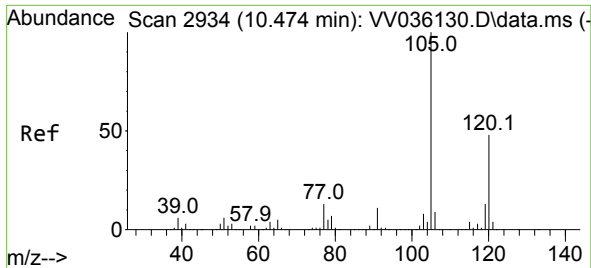
Ion Ratio Lower Upper

75 100

77 31.7 26.0 39.0

110 38.1 32.2 48.4

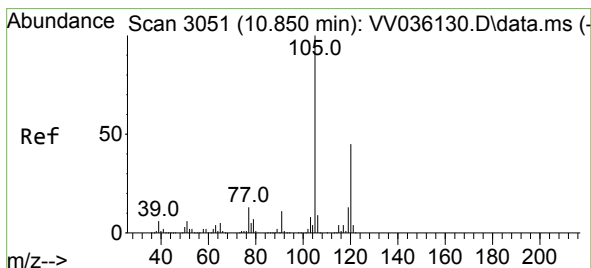
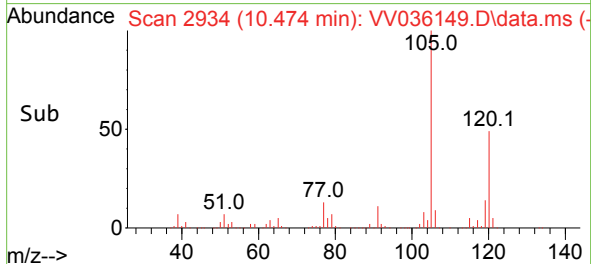
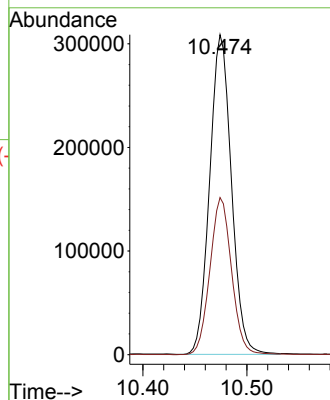
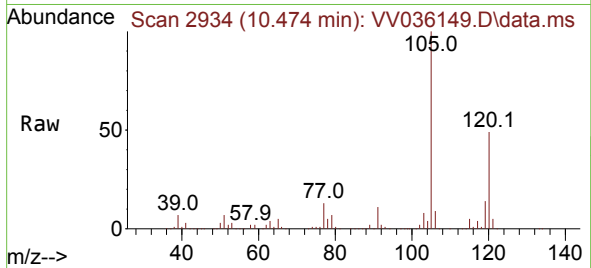




#62
 1,3,5-Trimethylbenzene
 Concen: 24.094 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.000 min
 Lab File: VV036149.D
 Acq: 19 Jun 2024 19:47

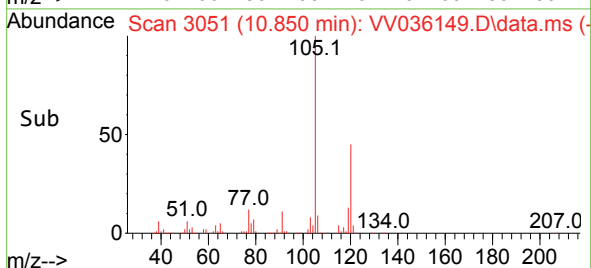
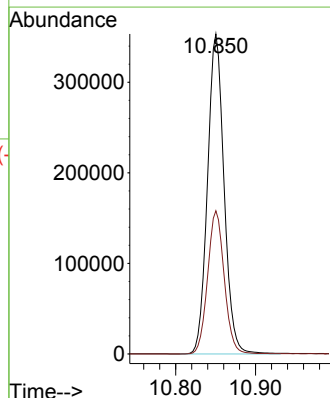
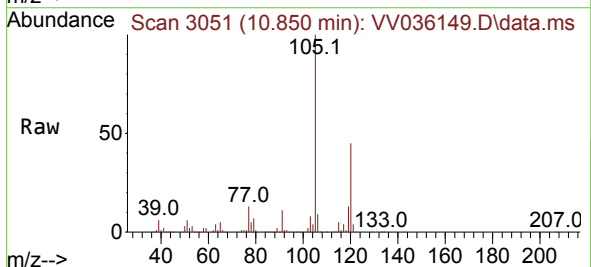
Instrument :
 MSVOA_V
 ClientSampleId :

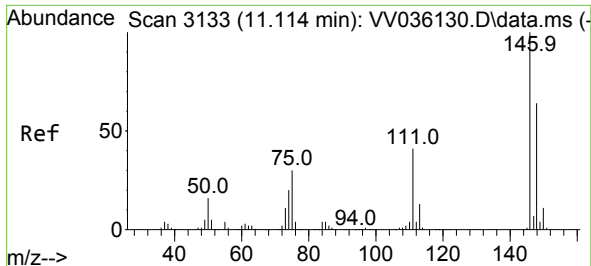
Tgt Ion:105 Resp: 448551
 Ion Ratio Lower Upper
 105 100
 120 49.0 38.6 58.0



#63
 1,2,4-Trimethylbenzene
 Concen: 25.418 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.000 min
 Lab File: VV036149.D
 Acq: 19 Jun 2024 19:47

Tgt Ion:105 Resp: 509846
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.2 54.4

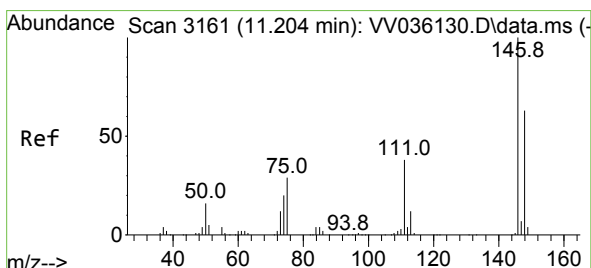
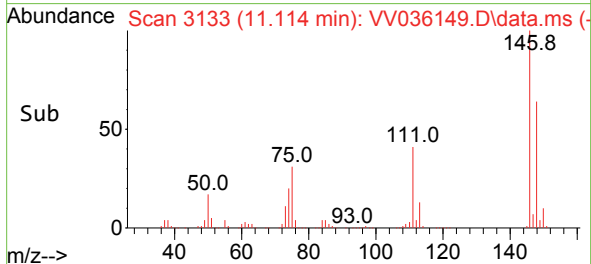
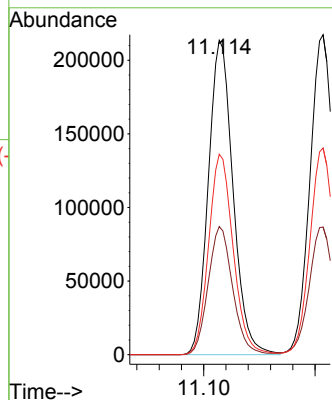
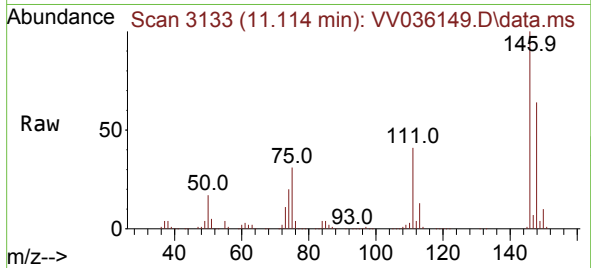




#64
1,3-Dichlorobenzene
Concen: 24.424 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

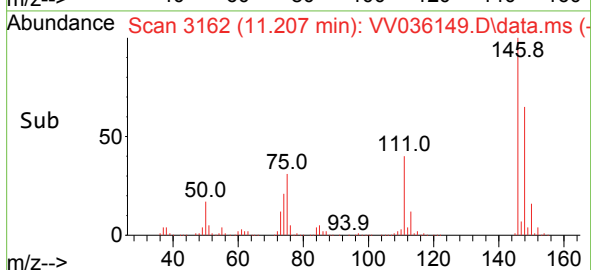
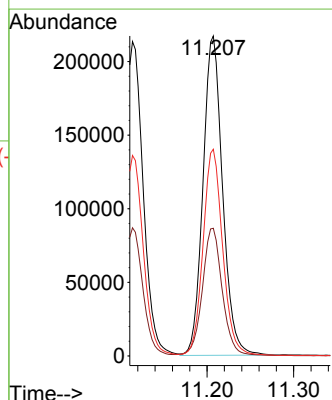
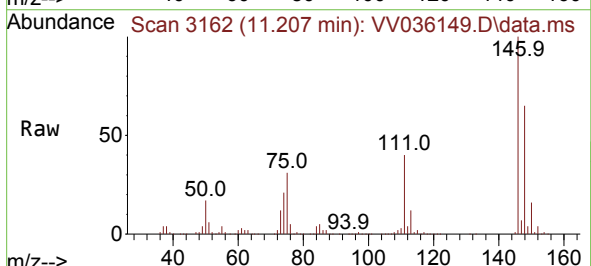
Instrument :
MSVOA_V
ClientSampleId :

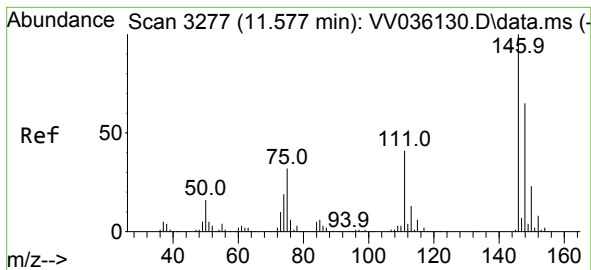
Tgt Ion:146 Resp: 329303
Ion Ratio Lower Upper
146 100
111 40.8 28.1 52.1
148 63.8 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 24.506 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV036149.D
Acq: 19 Jun 2024 19:47

Tgt Ion:146 Resp: 341045
Ion Ratio Lower Upper
146 100
111 39.9 26.9 50.1
148 64.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 25.351 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

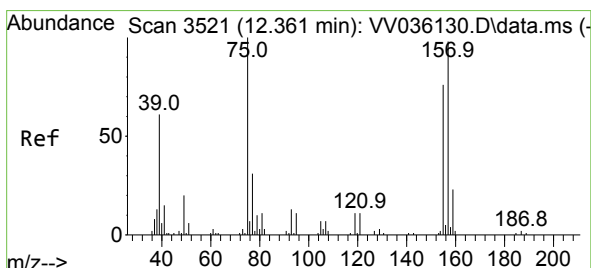
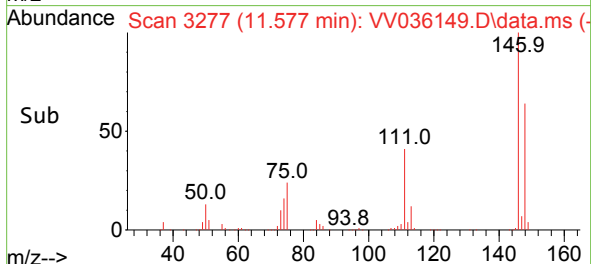
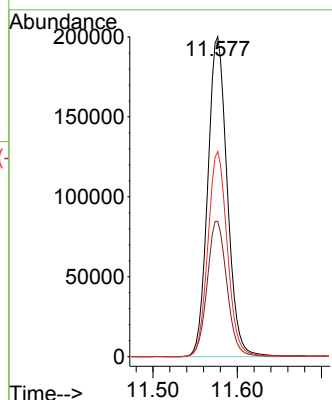
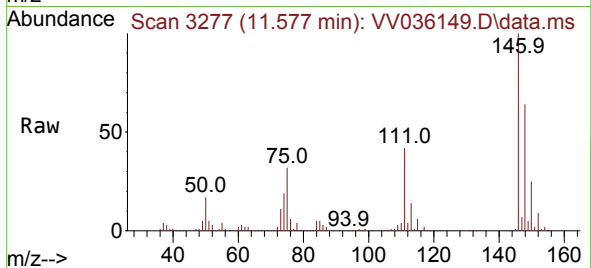
Tgt Ion:146 Resp: 321646

Ion Ratio Lower Upper

146 100

111 42.3 33.5 50.3

148 64.1 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 31.577 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

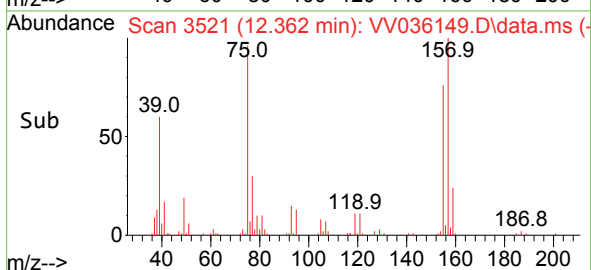
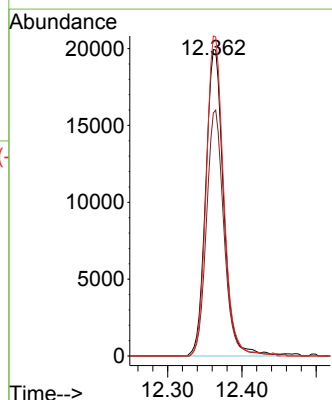
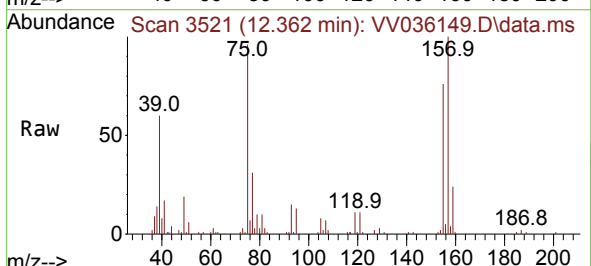
Tgt Ion: 75 Resp: 33420

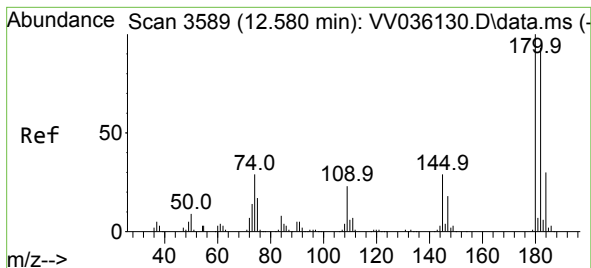
Ion Ratio Lower Upper

75 100

155 79.2 63.3 94.9

157 104.4 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 21.248 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

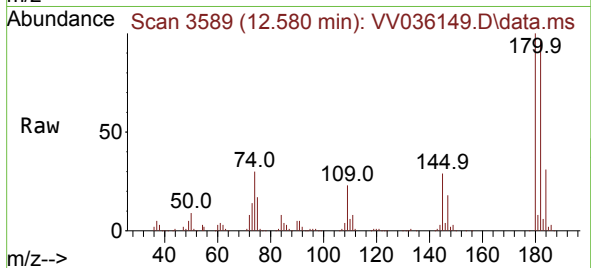
Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 214298

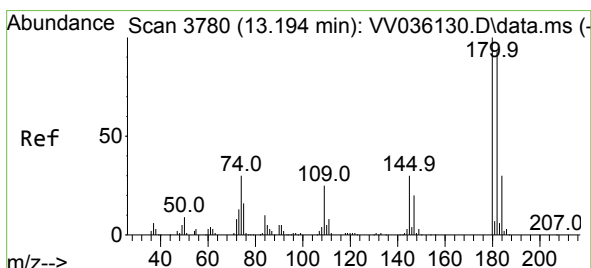
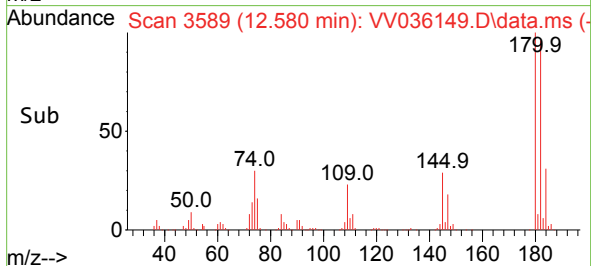
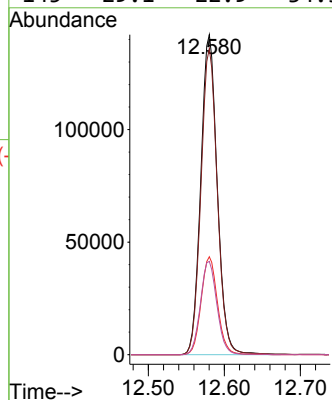
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.4

184 30.3 24.2 36.2

145 29.1 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 22.004 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

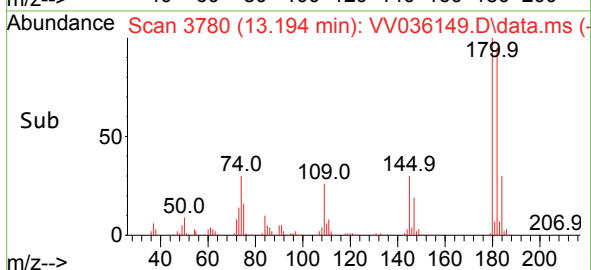
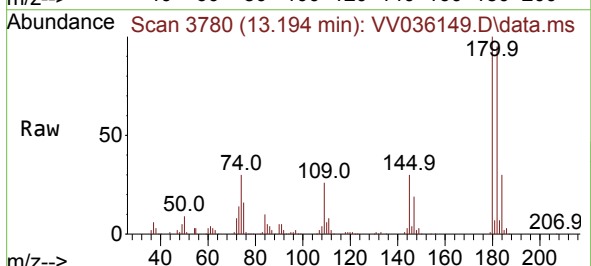
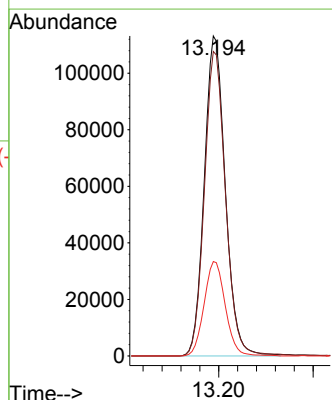
Tgt Ion:180 Resp: 174736

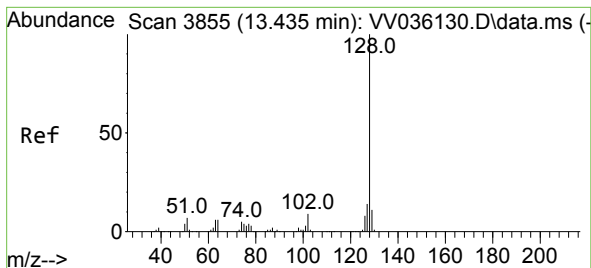
Ion Ratio Lower Upper

180 100

182 95.4 76.1 114.1

145 29.8 23.5 35.3





#71

Naphthalene

Concen: 29.322 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

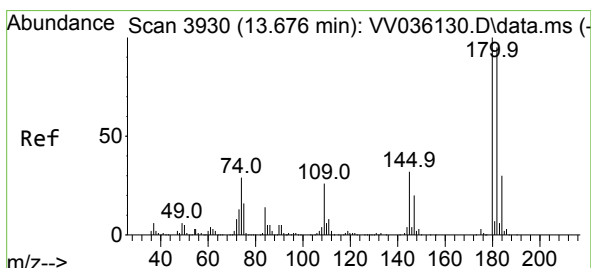
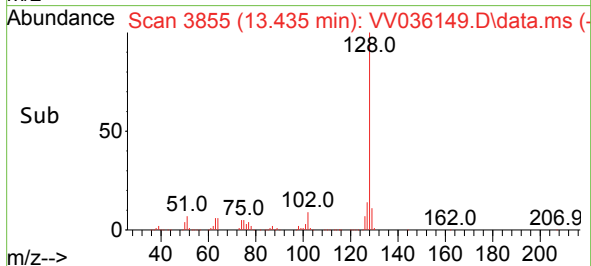
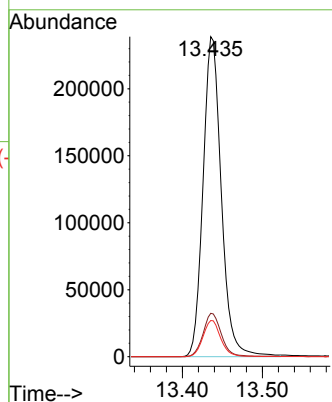
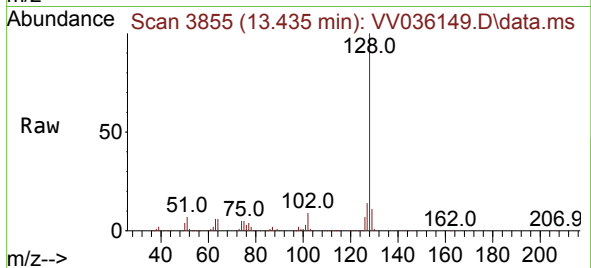
Tgt Ion:128 Resp: 379997

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 24.750 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036149.D

Acq: 19 Jun 2024 19:47

Tgt Ion:180 Resp: 179349

Ion Ratio Lower Upper

180 100

182 95.4 75.1 112.7

145 31.5 25.2 37.8

