

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071824\
 Data File : VW036606.D
 Acq On : 18 Jul 2024 19:03
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 19 04:42:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 04:31:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	302117	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	305374	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	177699	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	81199	18.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.040%
7) Chloroethane-d5	1.526	69	75402	19.925	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.680%
11) 1,1-Dichloroethene-d2	2.050	65	42462	19.104	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.400%
21) 2-Butanone-d5	3.851	46	30673	41.404	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.800%
24) Chloroform-d	4.243	84	185329	21.075	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.280%
26) 1,2-Dichloroethane-d4	4.937	65	91830	21.054	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	4.954	84	338764	22.236	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.960%
36) 1,2-Dichloropropane-d6	5.986	67	96188	21.185	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.760%
41) Toluene-d8	7.240	98	336196	23.917	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.680%
43) trans-1,3-Dichloroprop...	7.551	79	38300	20.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.160%
47) 2-Hexanone-d5	8.031	63	26045	51.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.300%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	85839	22.448	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	140396	23.281	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	79108	18.067	ug/L	98
3) Chloromethane	1.211	50	63803	18.158	ug/L	97
5) Vinyl chloride	1.275	62	82546	19.092	ug/L	99
6) Bromomethane	1.481	94	65694	18.831	ug/L	98
8) Chloroethane	1.542	64	59169	19.781	ug/L	98
9) Trichlorofluoromethane	1.706	101	164960	21.496	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	111135	21.478	ug/L	95
12) 1,1-Dichloroethene	2.060	96	91971	20.607	ug/L	85
13) Acetone	2.060	43	1541	1.471	ug/L	76
14) Carbon disulfide	2.230	76	162947	16.261	ug/L	99
15) Methyl Acetate	2.388	43	29721	21.003	ug/L #	66
16) Methylene chloride	2.439	84	117079	18.849	ug/L	95
17) trans-1,2-Dichloroethene	2.687	96	86113	21.232	ug/L	98
18) Methyl tert-butyl Ether	2.700	73	209346	23.034	ug/L	98
19) 1,1-Dichloroethane	3.105	63	153566	20.918	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	104406	24.767	ug/L	96
22) 2-Butanone	3.921	43	27955	31.792	ug/L	96
23) Bromochloromethane	4.140	128	57680	24.091	ug/L	92
25) Chloroform	4.269	83	195739	22.455	ug/L	99

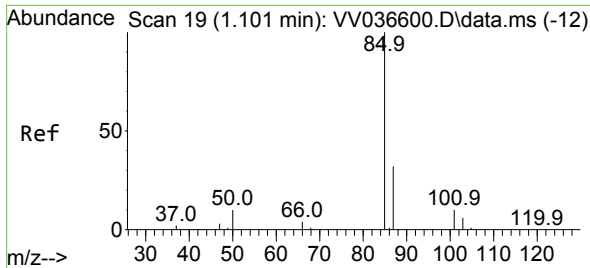
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071824\
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 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 04:31:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	110775	22.622	ug/L	100
29) Cyclohexane	4.574	56	88192	22.702	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	149350	21.039	ug/L	98
31) Carbon tetrachloride	4.728	117	137440	21.831	ug/L	99
33) Benzene	5.005	78	351785	23.278	ug/L	100
34) Trichloroethene	5.828	95	116934	24.316	ug/L	93
35) Methylcyclohexane	6.043	83	128237	23.366	ug/L	93
37) 1,2-Dichloropropane	6.089	63	89879	23.567	ug/L #	92
38) Bromodichloromethane	6.429	83	142008	23.499	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	131466	22.354	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	84283	48.630	ug/L #	93
42) Toluene	7.310	91	410742	25.651	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	119595	22.808	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	91661	24.390	ug/L	97
46) Tetrachloroethene	7.902	164	163372	42.017	ug/L	99
48) 2-Hexanone	8.079	43	56789	44.172	ug/L	99
49) Dibromochloromethane	8.172	129	115740	25.468	ug/L	99
50) 1,2-Dibromoethane	8.281	107	88087	24.975	ug/L	100
51) Chlorobenzene	8.809	112	300277	25.039	ug/L	97
52) Ethylbenzene	8.944	91	455189	26.500	ug/L	99
53) m,p-Xylene	9.069	106	179620	27.161	ug/L	98
54) o-Xylene	9.474	106	177233	28.148	ug/L	97
55) Styrene	9.494	104	319731	28.382	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	83082	24.210	ug/L	98
59) Bromoform	9.664	173	78023	24.774	ug/L	98
60) Isopropylbenzene	9.863	105	485930	27.372	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	71945	22.756	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	356400	28.034	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	391262	28.284	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	272647	25.980	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	275493	24.447	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	254396	25.226	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	14328	20.946	ug/L	87
69) 1,3,5-Trichlorobenzene	12.577	180	200388	24.660	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	162045	25.073	ug/L	99
71) Naphthalene	13.435	128	233698	24.077	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	150197	24.565	ug/L	98

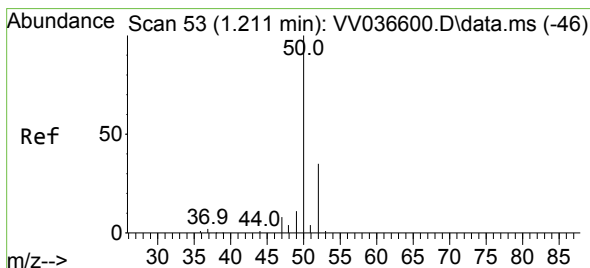
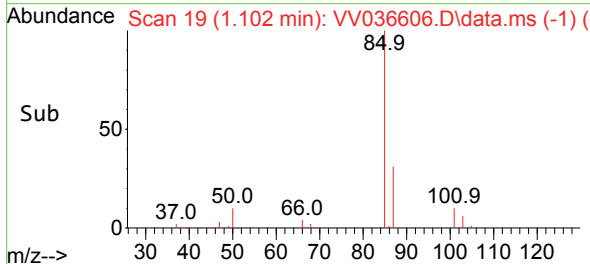
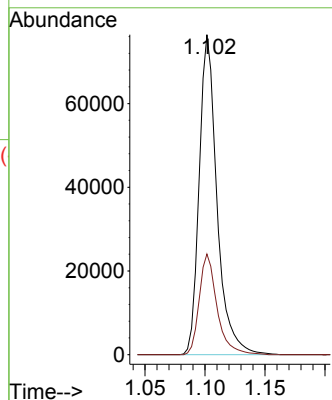
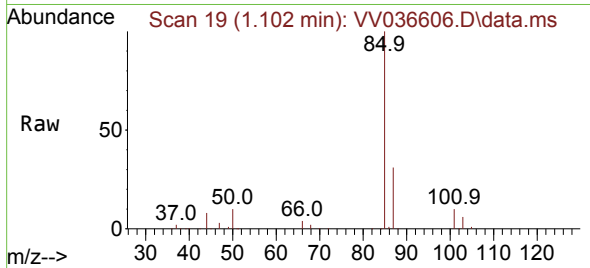
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#2
 Dichlorodifluoromethane
 Concen: 18.067 ug/L
 RT: 1.102 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV036606.D
 Acq: 18 Jul 2024 19:03

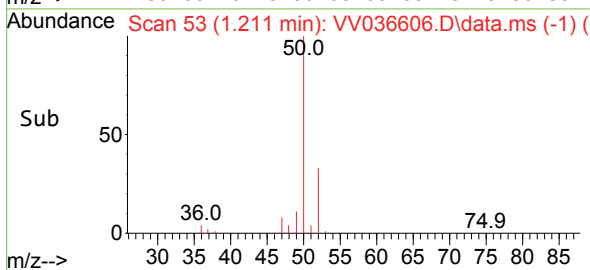
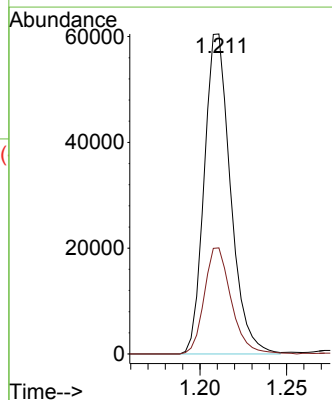
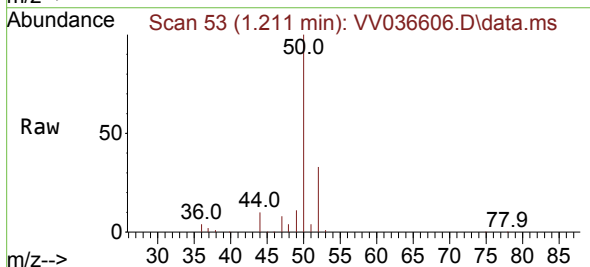
Instrument :
 MSVOA_V
 ClientSampleId :

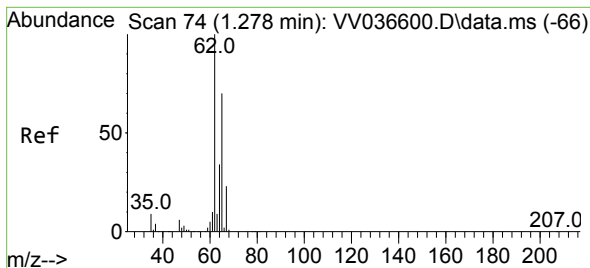
Tgt Ion: 85 Resp: 79108
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.2 39.2



#3
 Chloromethane
 Concen: 18.158 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036606.D
 Acq: 18 Jul 2024 19:03

Tgt Ion: 50 Resp: 63803
 Ion Ratio Lower Upper
 50 100
 52 33.2 24.4 45.4





#5

Vinyl chloride

Concen: 19.092 ug/L

RT: 1.275 min Scan# 74

Delta R.T. -0.003 min

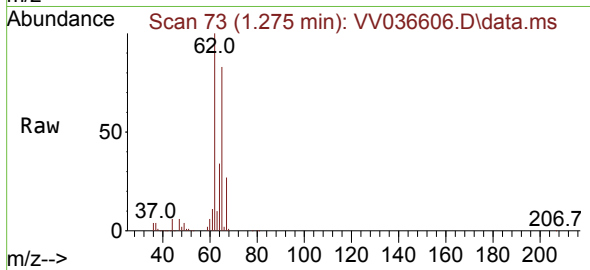
Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

Instrument :

MSVOA_V

ClientSampleId :

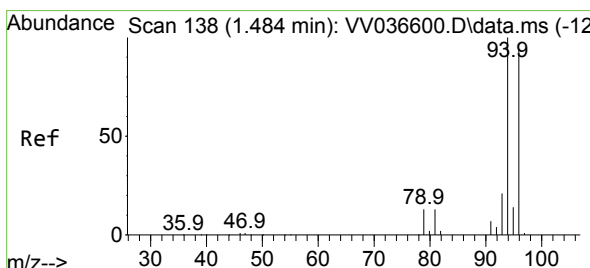
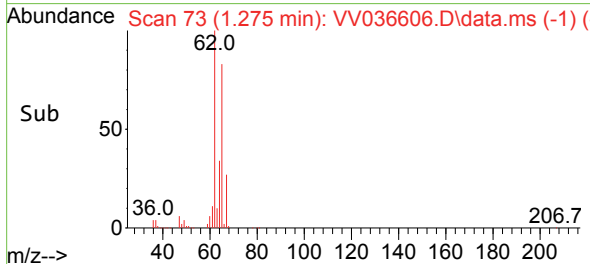
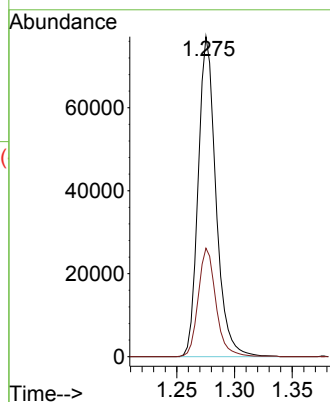


Tgt Ion: 62 Resp: 82546

Ion Ratio Lower Upper

62 100

64 33.9 23.4 43.4



#6

Bromomethane

Concen: 18.831 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV036606.D

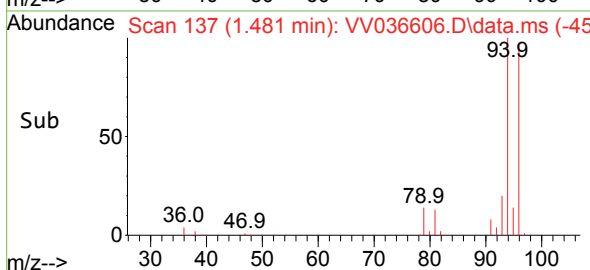
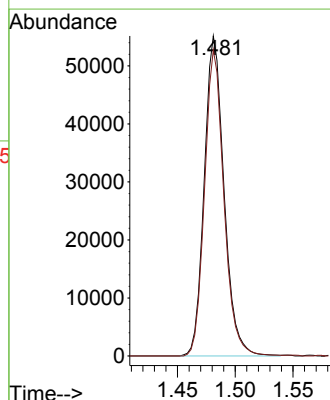
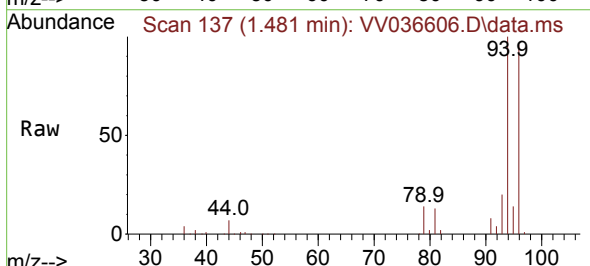
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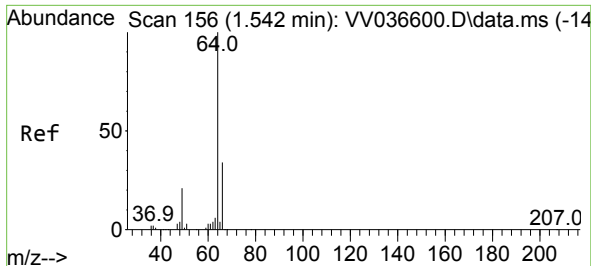
Tgt Ion: 94 Resp: 65694

Ion Ratio Lower Upper

94 100

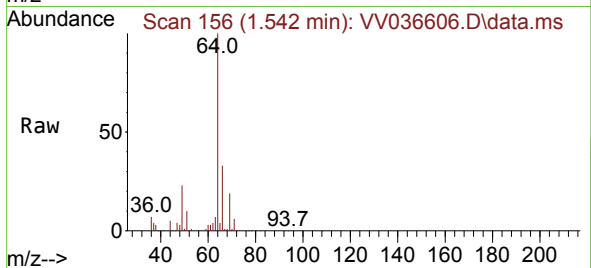
96 95.7 65.6 121.8



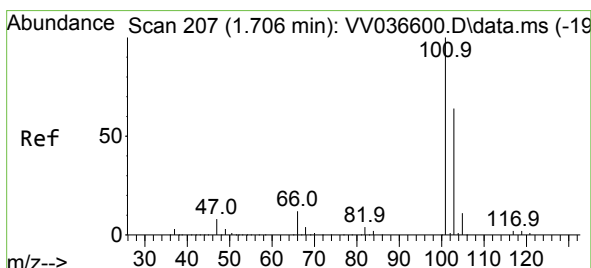
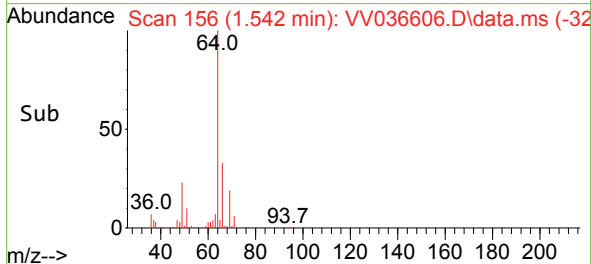
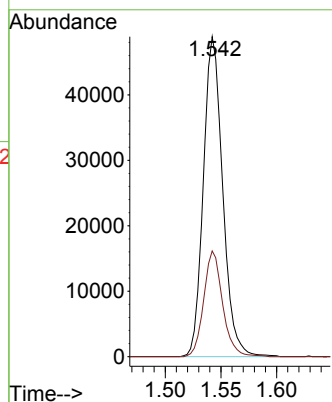


#8
Chloroethane
Concen: 19.781 ug/L
RT: 1.542 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Instrument :
MSVOA_V
ClientSampleId :

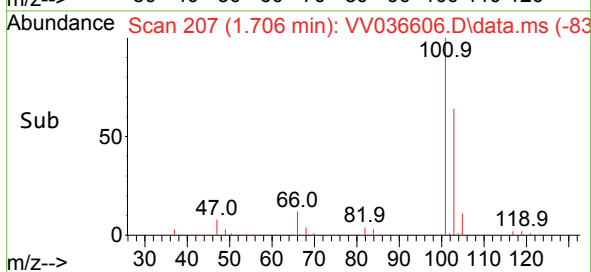
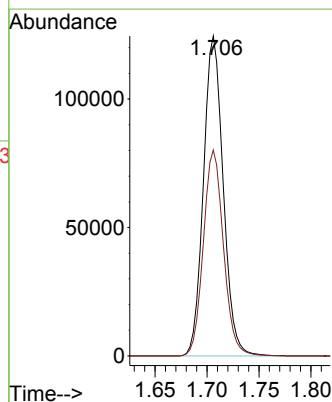
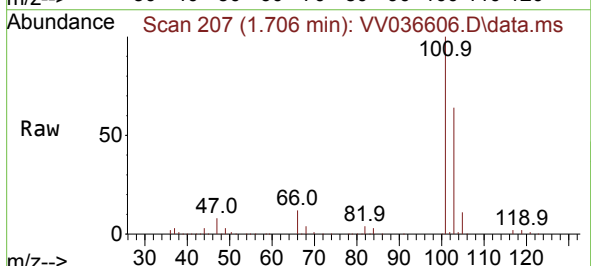


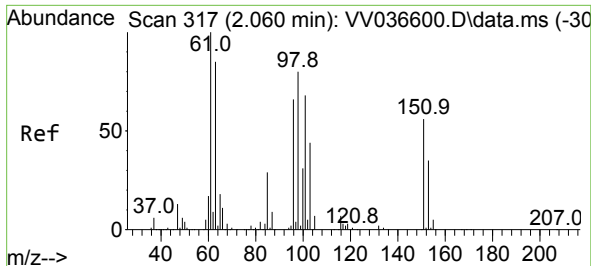
Tgt Ion: 64 Resp: 59169
Ion Ratio Lower Upper
64 100
66 33.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 21.496 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Tgt Ion: 101 Resp: 164960
Ion Ratio Lower Upper
101 100
103 65.5 51.9 77.9

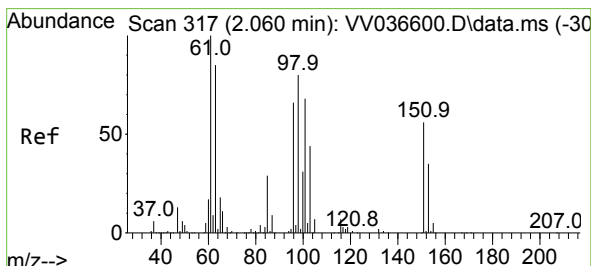
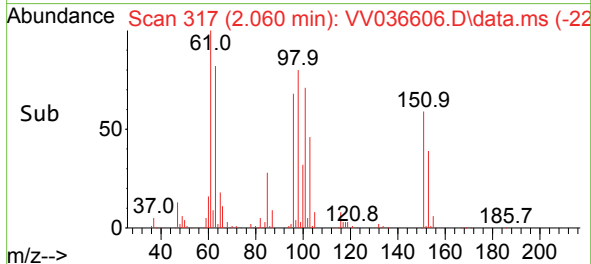
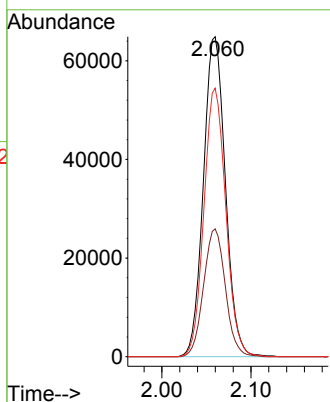
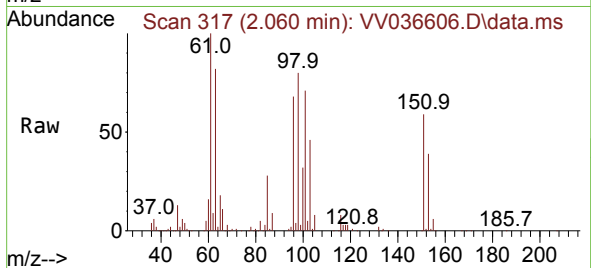




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.478 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VV036606.D
 Acq: 18 Jul 2024 19:03

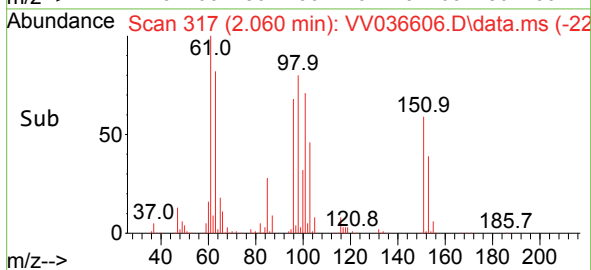
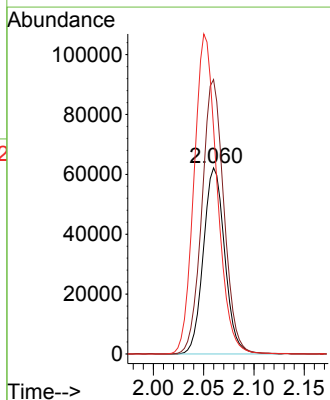
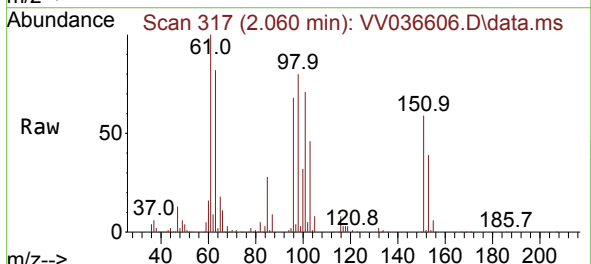
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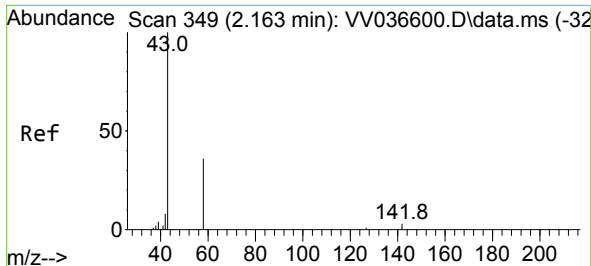
Tgt Ion:101 Resp: 111135
 Ion Ratio Lower Upper
 101 100
 85 39.6 32.5 48.7
 151 83.7 62.6 94.0



#12
 1,1-Dichloroethene
 Concen: 20.607 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VV036606.D
 Acq: 18 Jul 2024 19:03

Tgt Ion: 96 Resp: 91971
 Ion Ratio Lower Upper
 96 100
 61 147.4 110.8 205.8
 63 121.5 103.9 192.9





#13

Acetone

Concen: 1.471 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.103 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

Instrument :

MSVOA_V

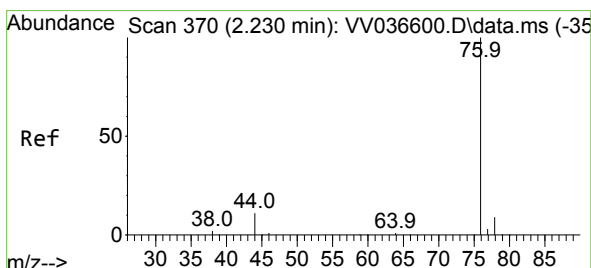
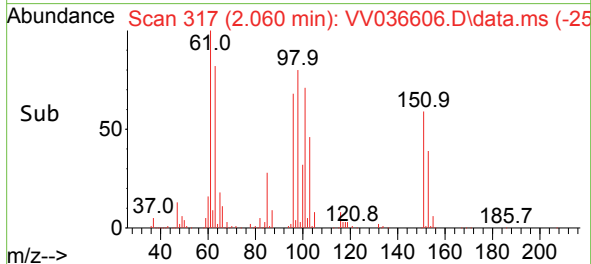
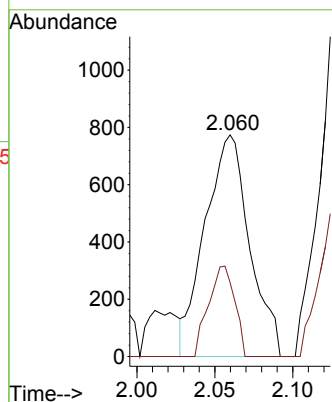
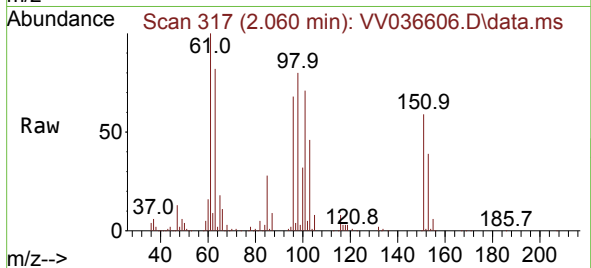
ClientSampleId :

Tgt Ion: 43 Resp: 1541

Ion Ratio Lower Upper

43 100

58 23.9 0.0 28.4



#14

Carbon disulfide

Concen: 16.261 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.000 min

Lab File: VV036606.D

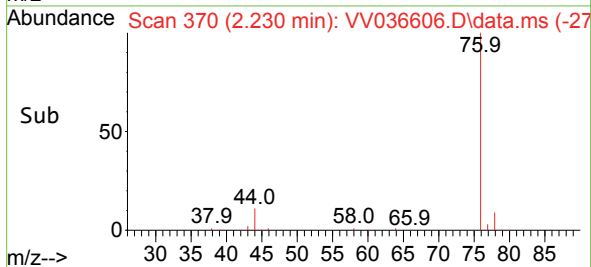
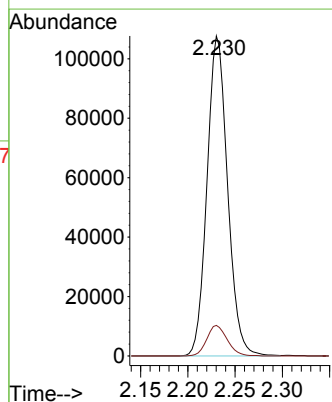
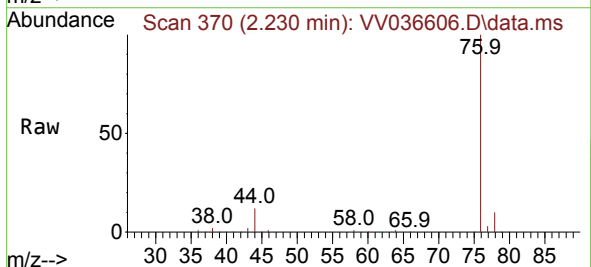
Acq: 18 Jul 2024 19:03

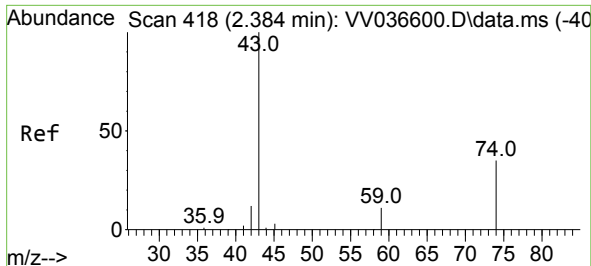
Tgt Ion: 76 Resp: 162947

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

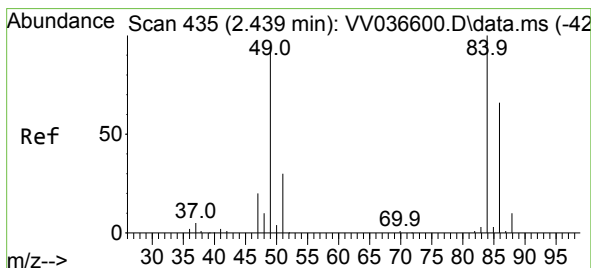
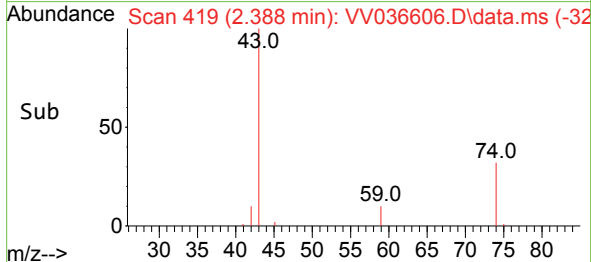
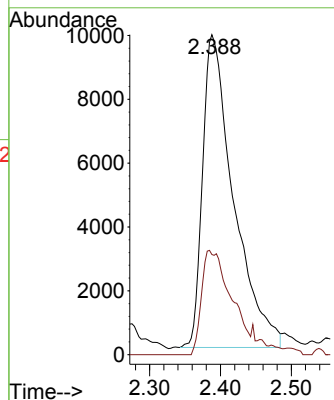
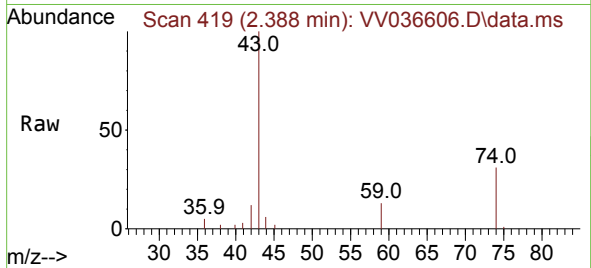




#15
Methyl Acetate
Concen: 21.003 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

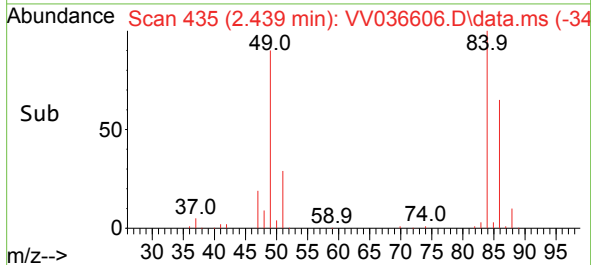
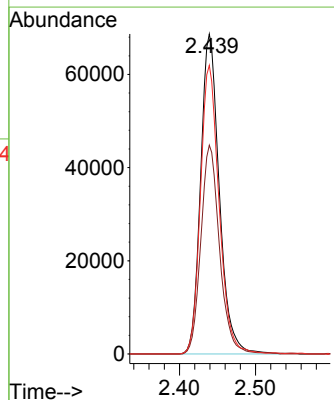
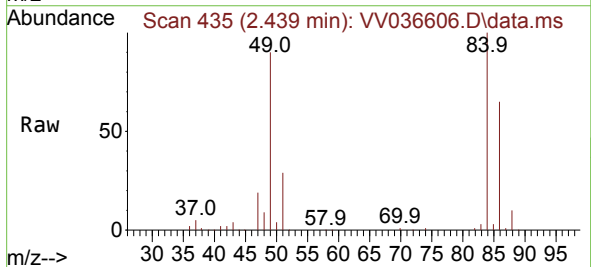
Instrument :
MSVOA_V
ClientSampleId :

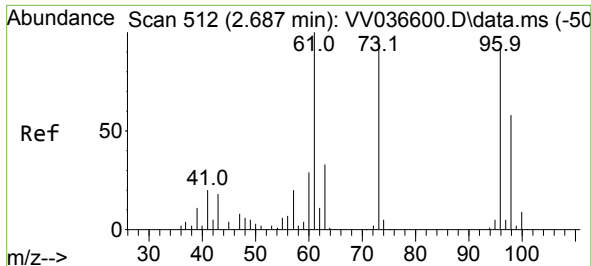
Tgt Ion: 43 Resp: 29721
Ion Ratio Lower Upper
43 100
74 13.7 26.3 39.5#



#16
Methylene chloride
Concen: 18.849 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Tgt Ion: 84 Resp: 117079
Ion Ratio Lower Upper
84 100
86 65.3 46.3 86.1
49 90.2 68.1 126.5

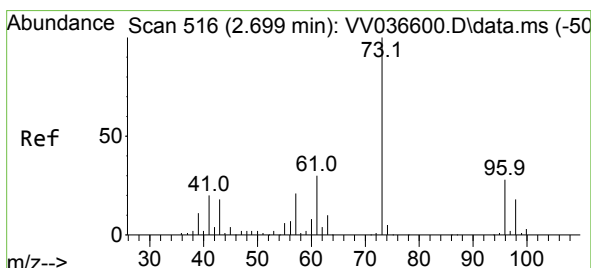
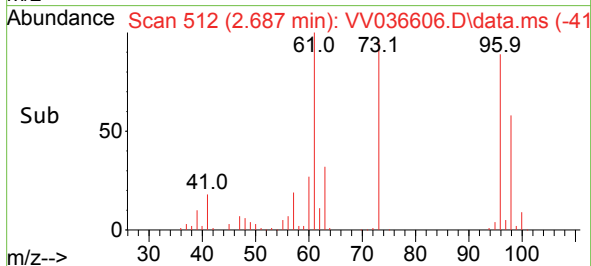
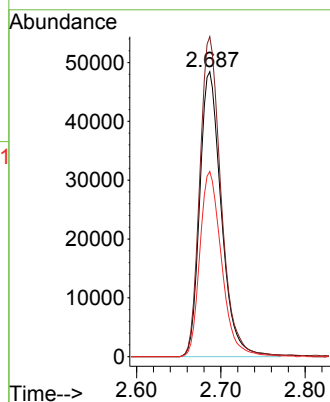
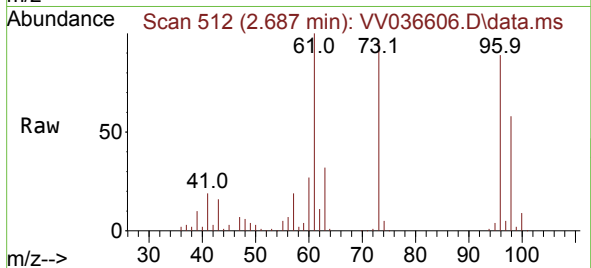




#17
trans-1,2-Dichloroethene
Concen: 21.232 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

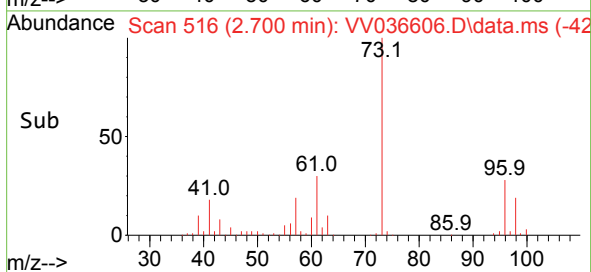
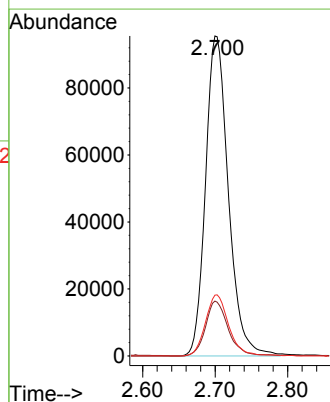
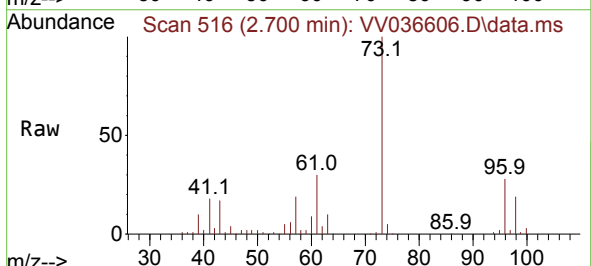
Instrument :
MSVOA_V
ClientSampleId :

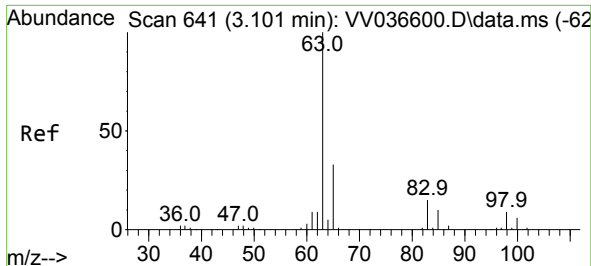
Tgt Ion: 96 Resp: 86113
Ion Ratio Lower Upper
96 100
61 112.3 80.7 149.9
98 64.9 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 23.034 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Tgt Ion: 73 Resp: 209346
Ion Ratio Lower Upper
73 100
43 17.0 14.3 21.5
57 19.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 20.918 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

Instrument :

MSVOA_V

ClientSampleId :

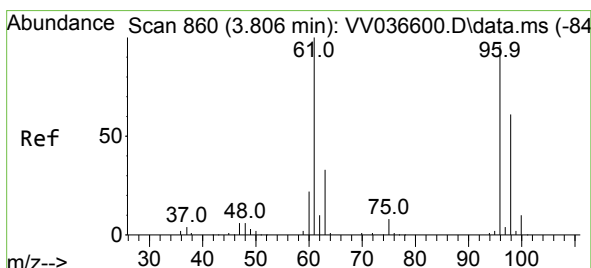
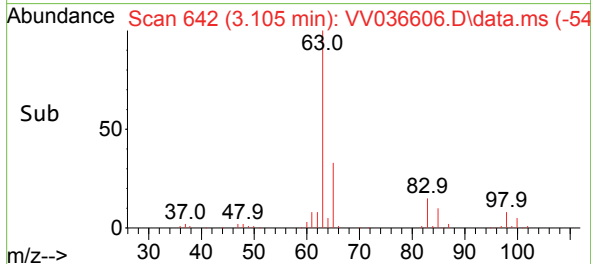
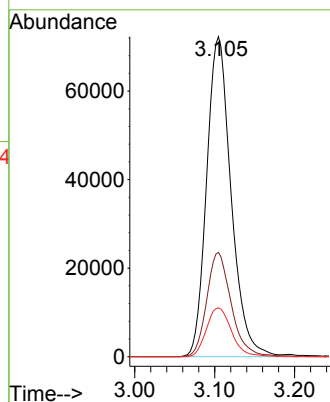
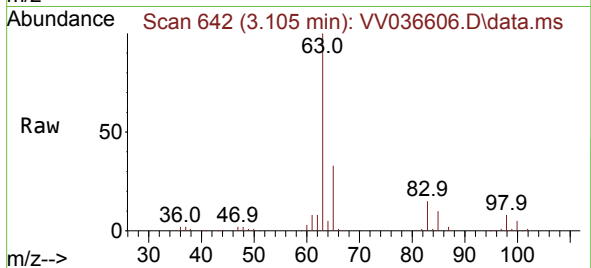
Tgt Ion: 63 Resp: 153566

Ion Ratio Lower Upper

63 100

65 32.6 22.7 42.1

83 15.2 10.9 20.2



#20

cis-1,2-Dichloroethene

Concen: 24.767 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

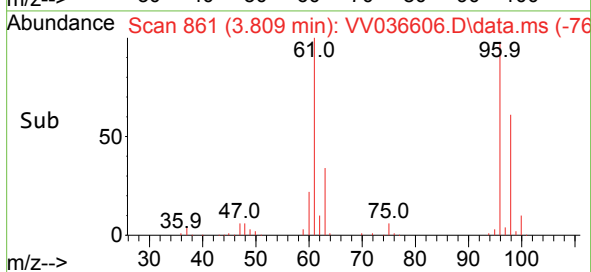
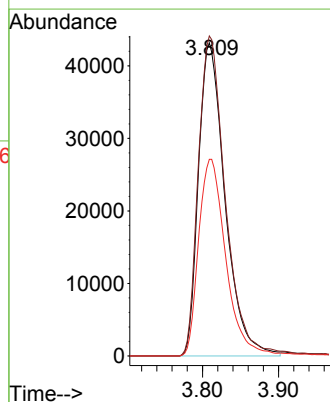
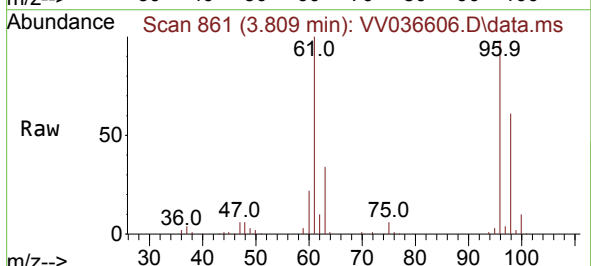
Tgt Ion: 96 Resp: 104406

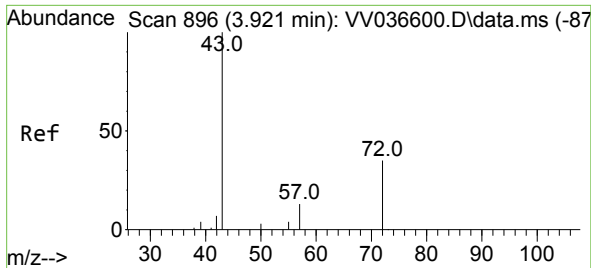
Ion Ratio Lower Upper

96 100

61 102.2 74.8 138.8

98 62.8 45.2 84.0

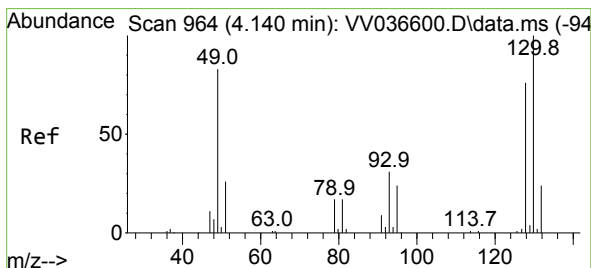
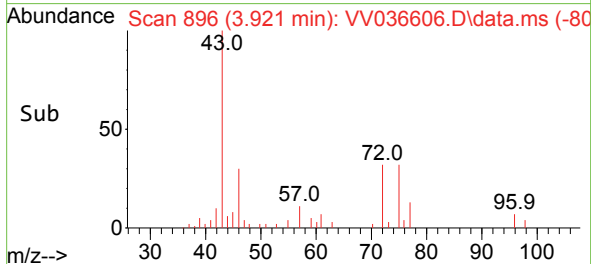
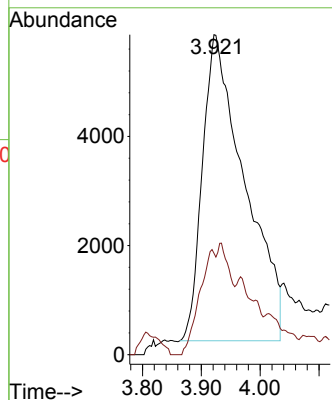
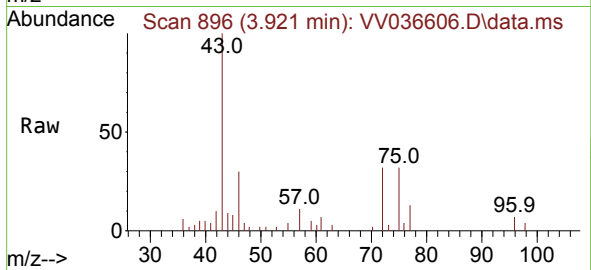




#22
2-Butanone
Concen: 31.792 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

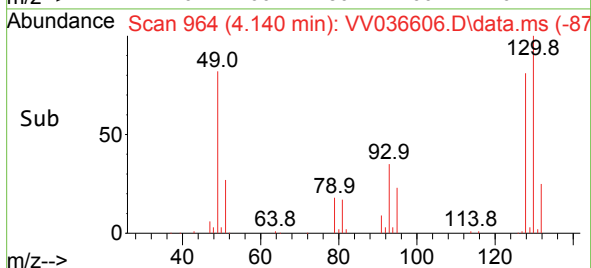
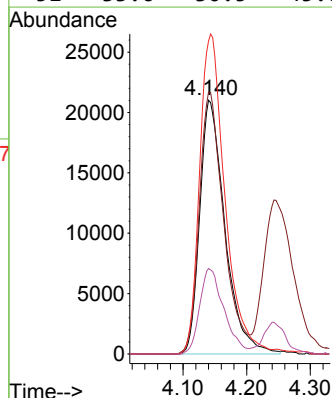
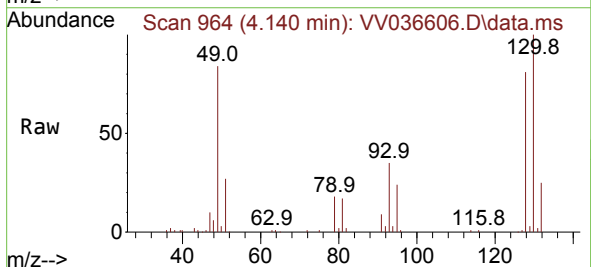
Instrument :
MSVOA_V
ClientSampleId :

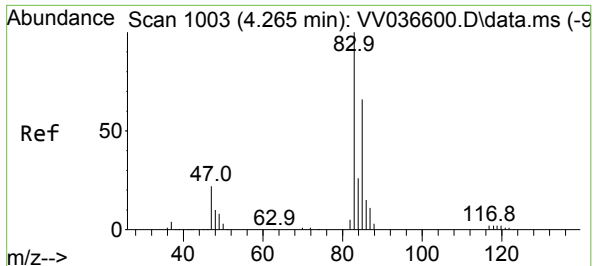
Tgt Ion: 43 Resp: 27955
Ion Ratio Lower Upper
43 100
72 13.3 5.9 17.6



#23
Bromochloromethane
Concen: 24.091 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Tgt Ion:128 Resp: 57680
Ion Ratio Lower Upper
128 100
49 103.1 80.7 149.9
130 123.2 89.9 167.0
51 33.6 30.5 45.7

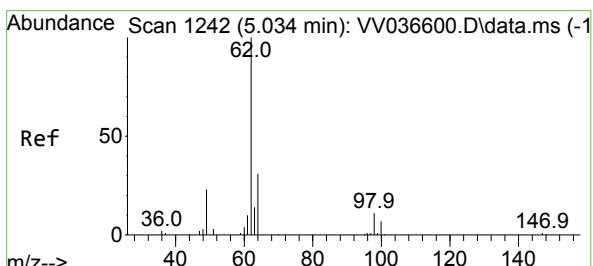
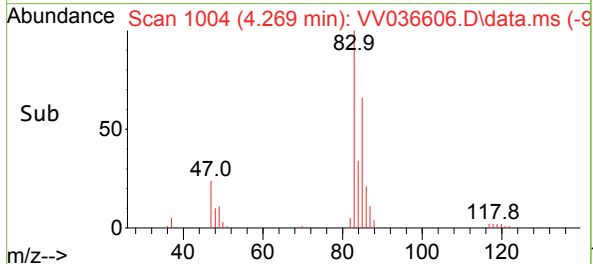
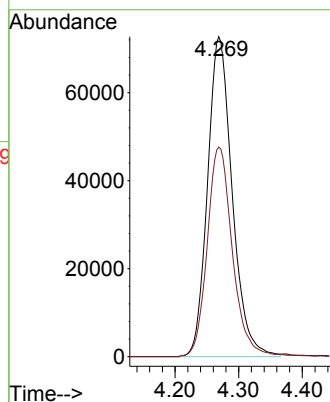
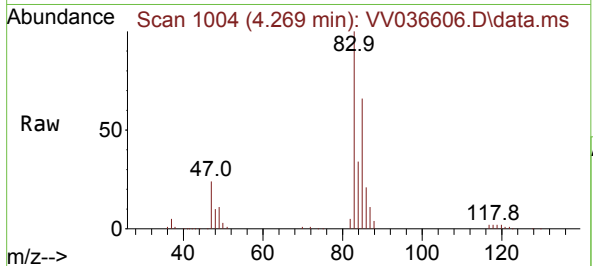




#25
Chloroform
Concen: 22.455 ug/L
RT: 4.269 min Scan# 1003
Delta R.T. 0.003 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

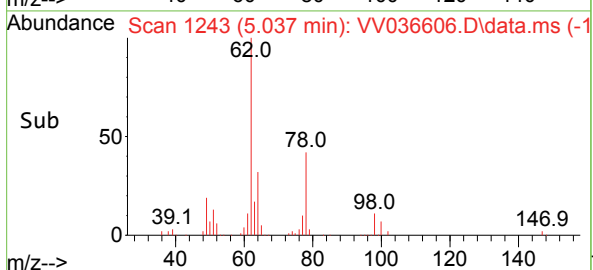
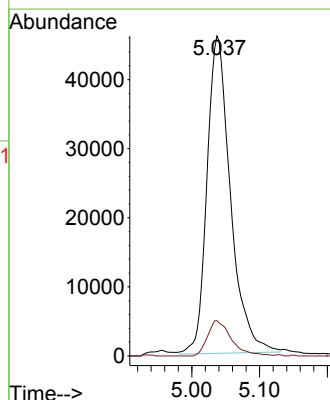
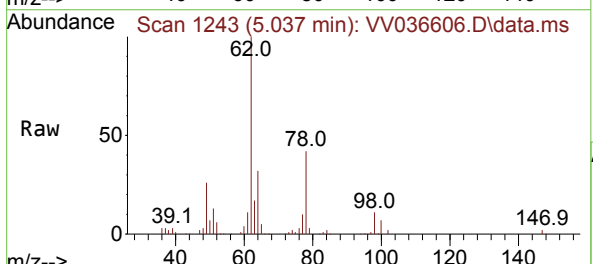
Instrument :
MSVOA_V
ClientSampleId :

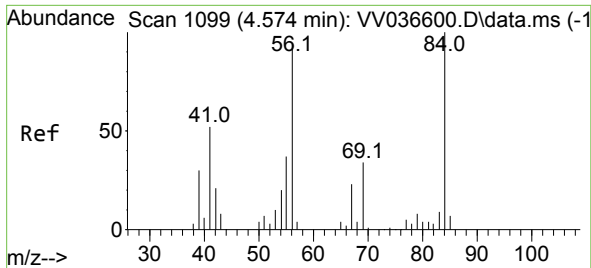
Tgt Ion: 83 Resp: 195739
Ion Ratio Lower Upper
83 100
85 65.5 45.6 84.6



#27
1,2-Dichloroethane
Concen: 22.622 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Tgt Ion: 62 Resp: 110775
Ion Ratio Lower Upper
62 100
98 11.1 8.9 13.3

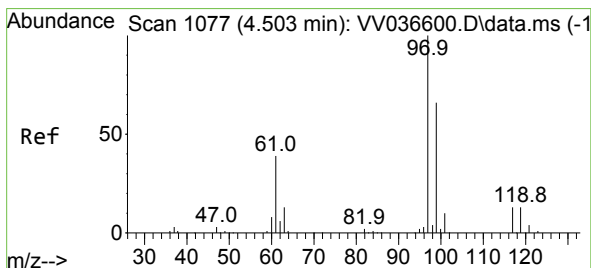
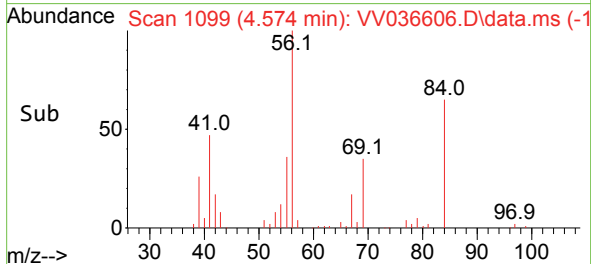
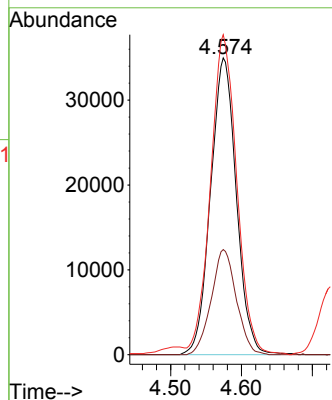
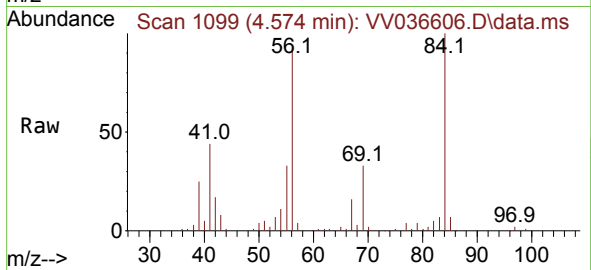




#29
Cyclohexane
Concen: 22.702 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

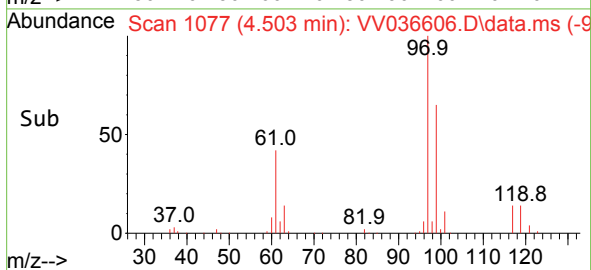
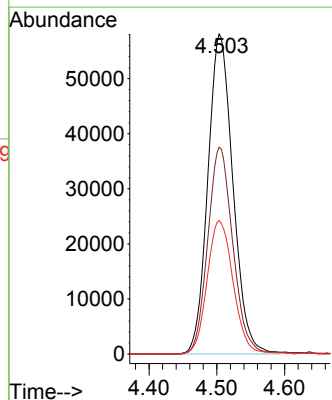
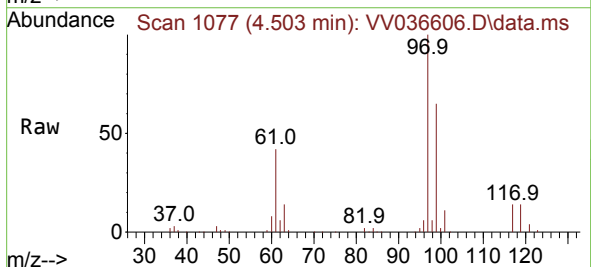
Instrument :
MSVOA_V
ClientSampleId :

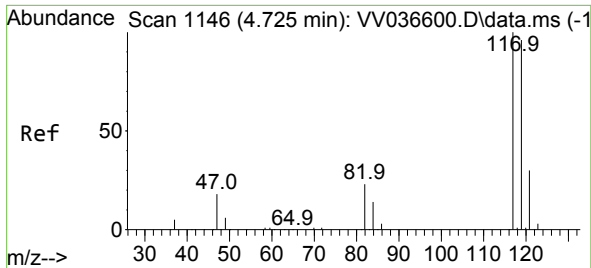
Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.6	27.6	41.4
84	108.6	85.4	128.2



#30
1,1,1-Trichloroethane
Concen: 21.039 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.9	77.9
61	43.1	32.2	48.4

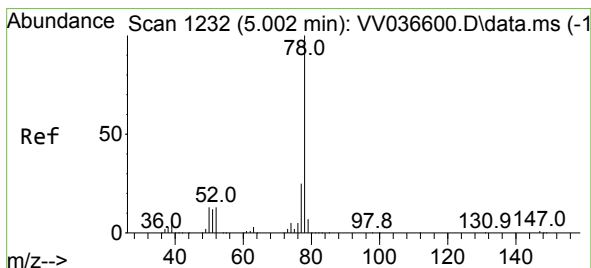
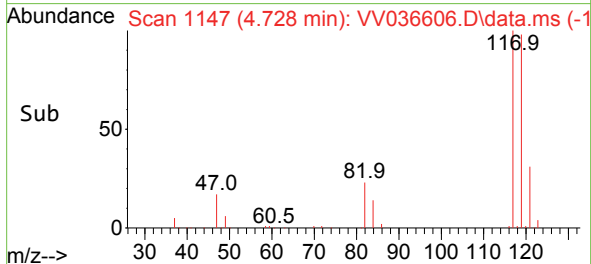
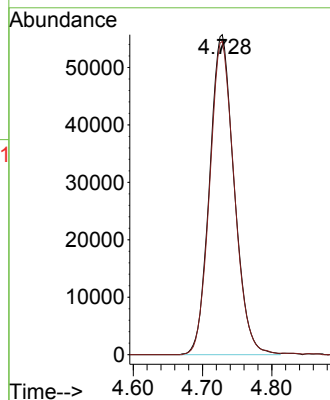
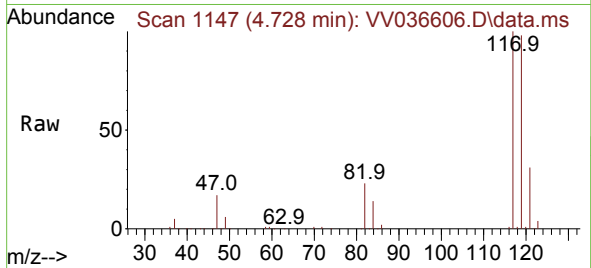




#31
Carbon tetrachloride
Concen: 21.831 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

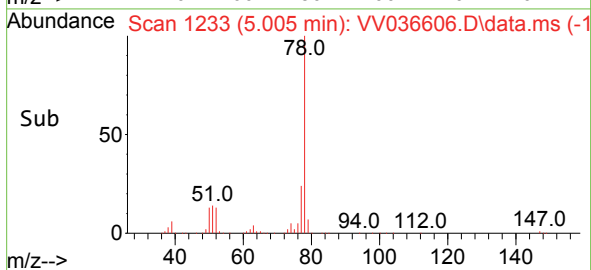
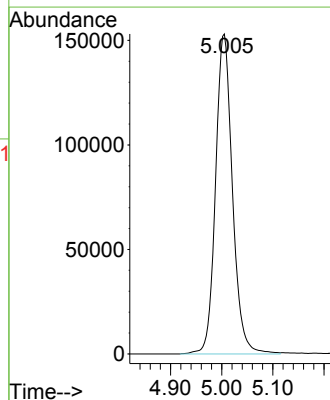
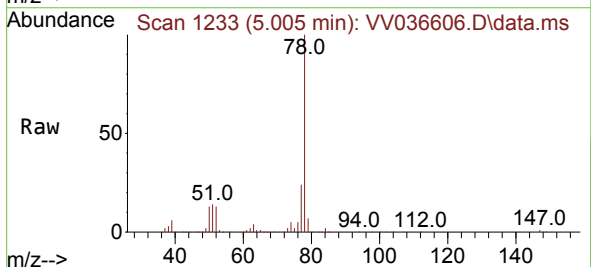
Instrument :
MSVOA_V
ClientSampleId :

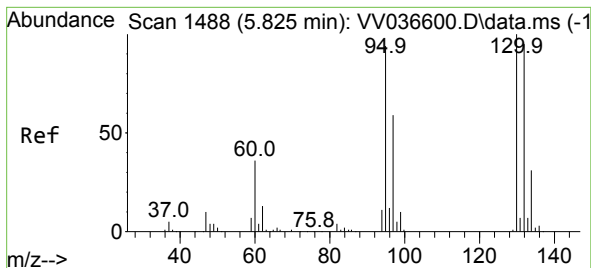
Tgt Ion:117 Resp: 137440
Ion Ratio Lower Upper
117 100
119 97.8 77.6 116.4



#33
Benzene
Concen: 23.278 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Tgt Ion: 78 Resp: 351785





#34

Trichloroethene

Concen: 24.316 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 116934

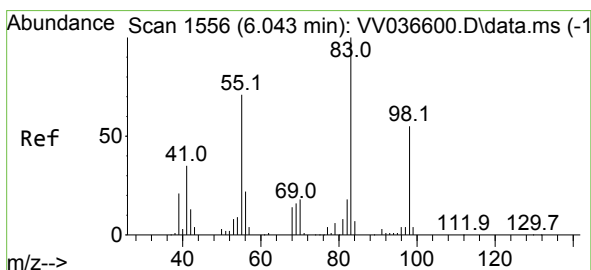
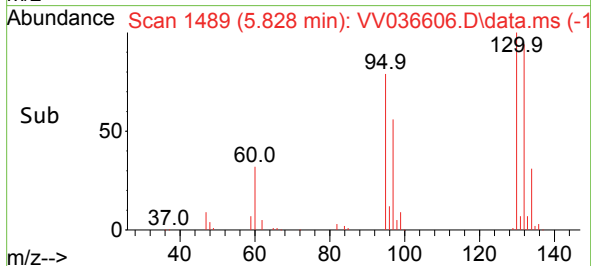
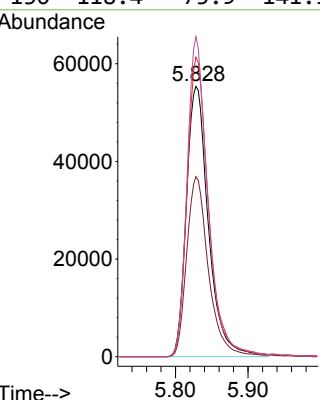
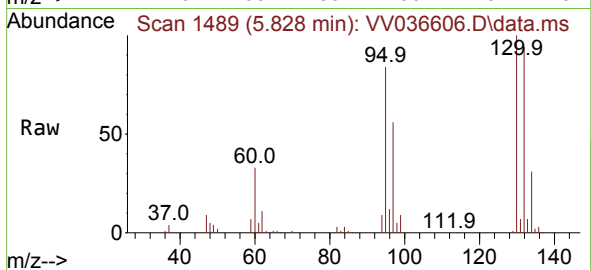
Ion Ratio Lower Upper

95 100

97 66.6 44.4 82.4

132 110.8 73.0 135.6

130 118.4 75.9 141.1



#35

Methylcyclohexane

Concen: 23.366 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

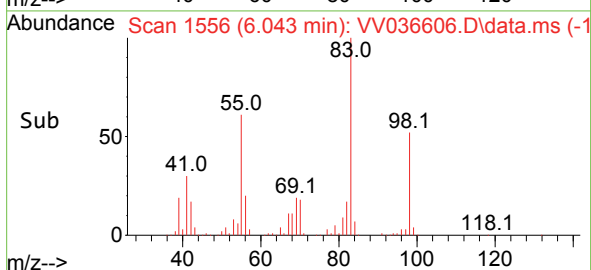
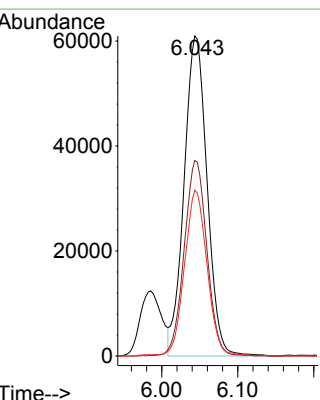
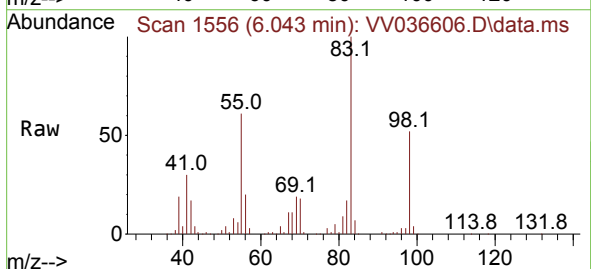
Tgt Ion: 83 Resp: 128237

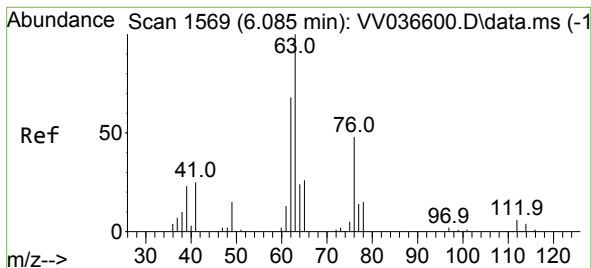
Ion Ratio Lower Upper

83 100

55 60.2 54.3 81.5

98 49.8 41.7 62.5





#37

1,2-Dichloropropane

Concen: 23.567 ug/L

RT: 6.089 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

Instrument :

MSVOA_V

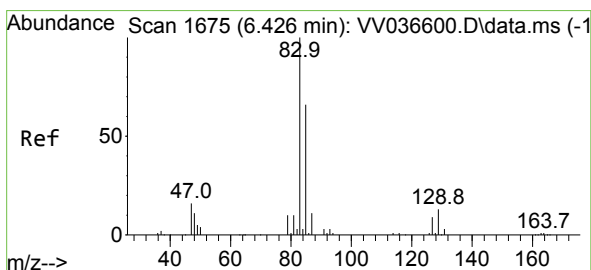
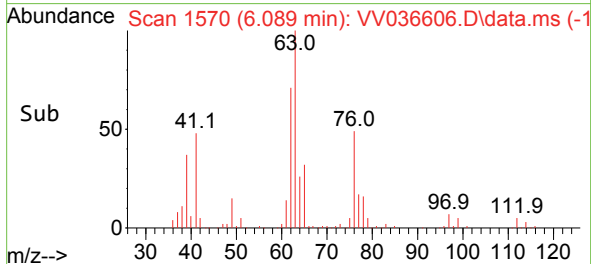
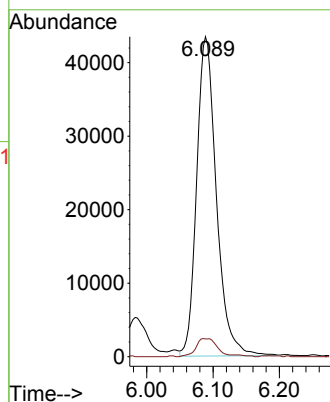
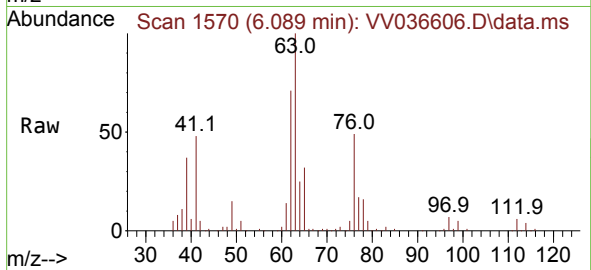
ClientSampleId :

Tgt Ion: 63 Resp: 89879

Ion Ratio Lower Upper

63 100

112 2.9 4.5 6.7#



#38

Bromodichloromethane

Concen: 23.499 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

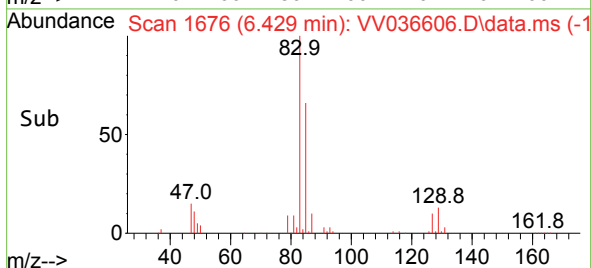
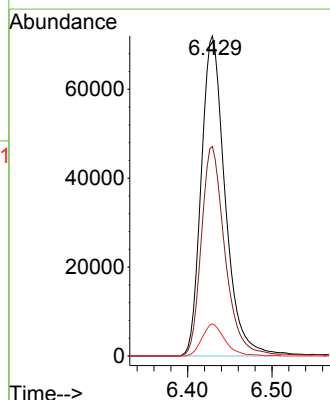
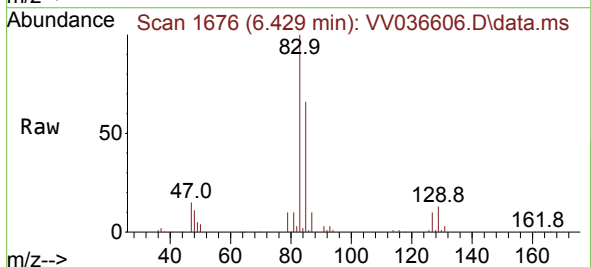
Tgt Ion: 83 Resp: 142008

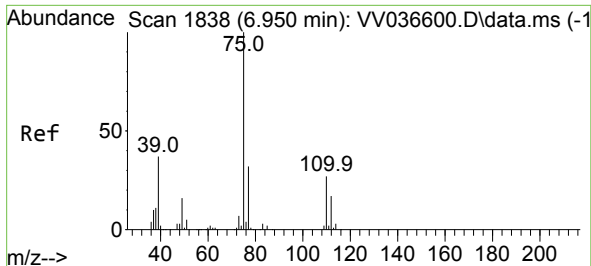
Ion Ratio Lower Upper

83 100

85 65.5 44.3 82.3

127 10.0 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 22.354 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

Instrument :

MSVOA_V

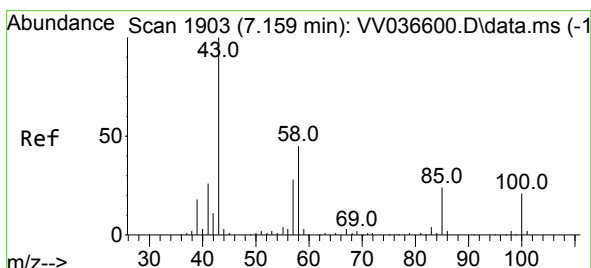
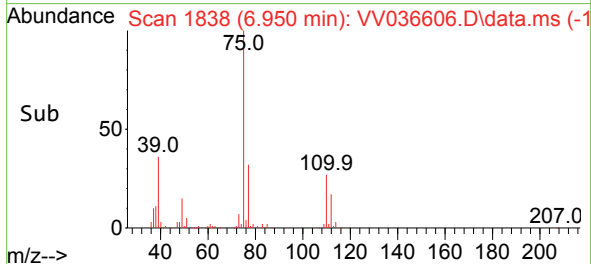
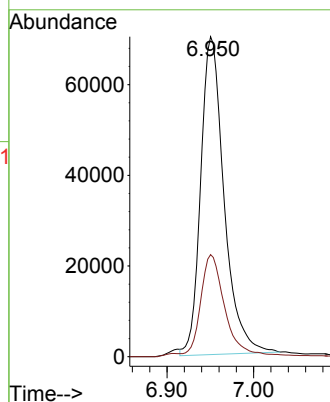
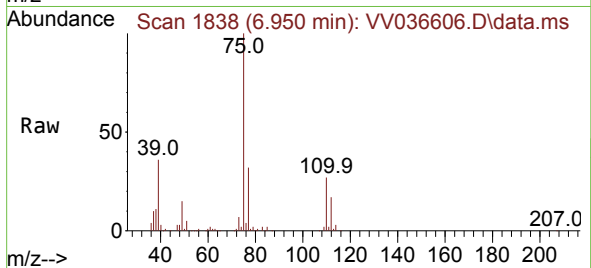
ClientSampleId :

Tgt Ion: 75 Resp: 131466

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 48.630 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

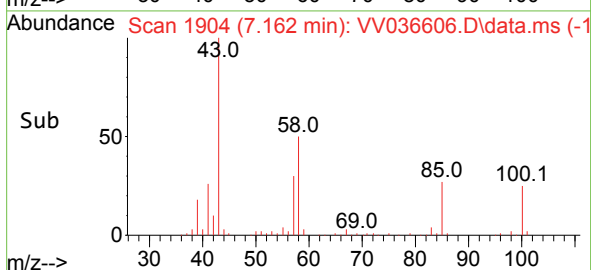
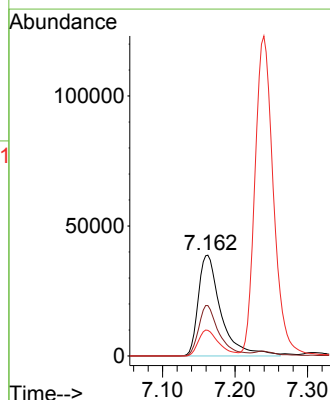
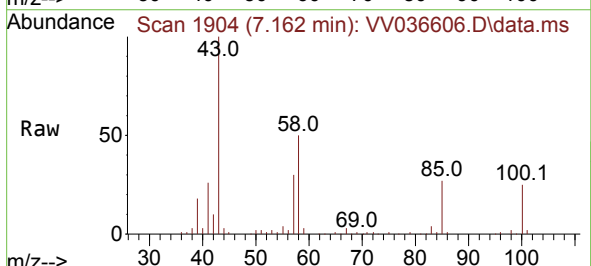
Tgt Ion: 43 Resp: 84283

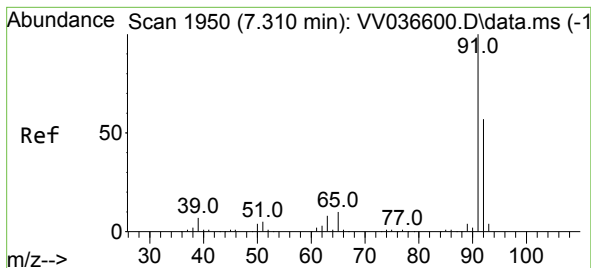
Ion Ratio Lower Upper

43 100

58 45.0 32.9 49.3

100 23.4 15.5 23.3





#42

Toluene

Concen: 25.651 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

Instrument :

MSVOA_V

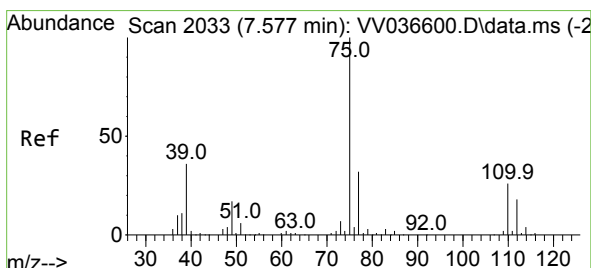
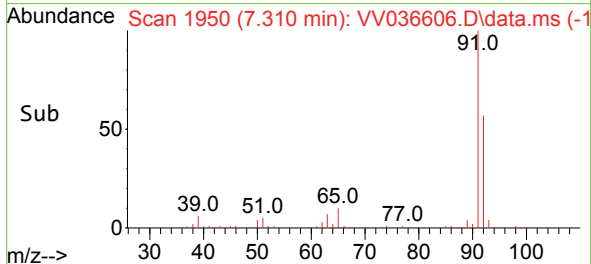
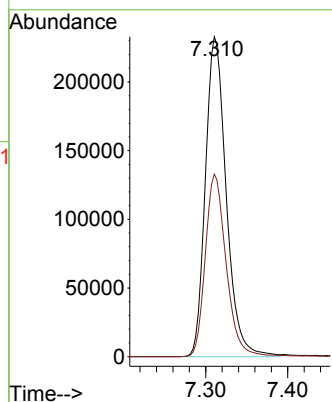
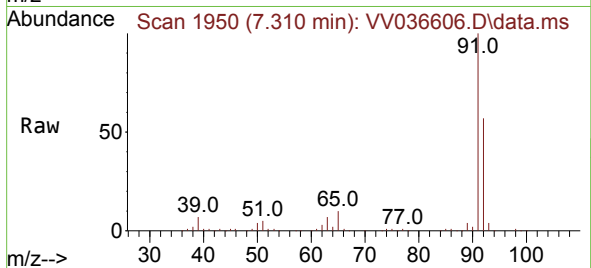
ClientSampleId :

Tgt Ion: 91 Resp: 410742

Ion Ratio Lower Upper

91 100

92 57.0 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 22.808 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036606.D

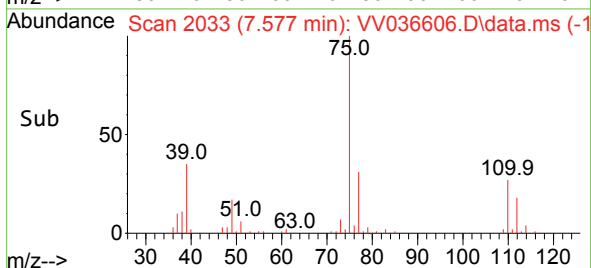
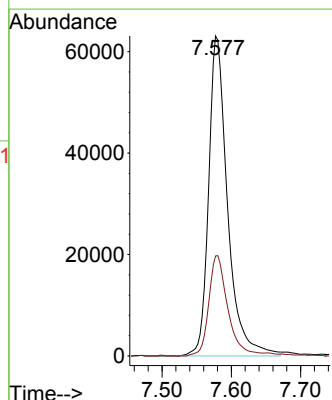
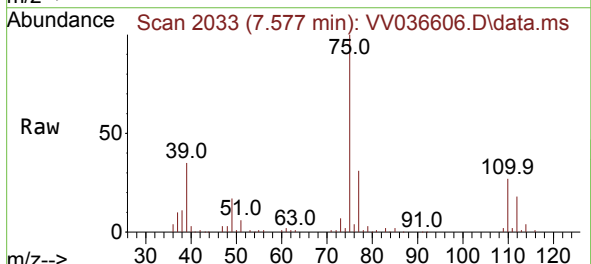
Acq: 18 Jul 2024 19:03

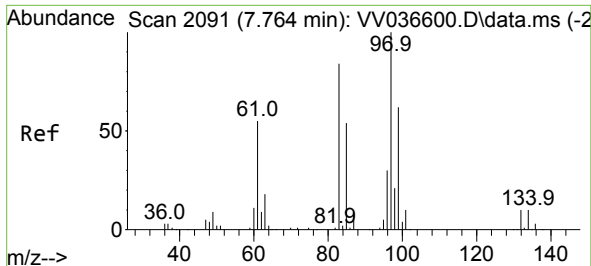
Tgt Ion: 75 Resp: 119595

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7

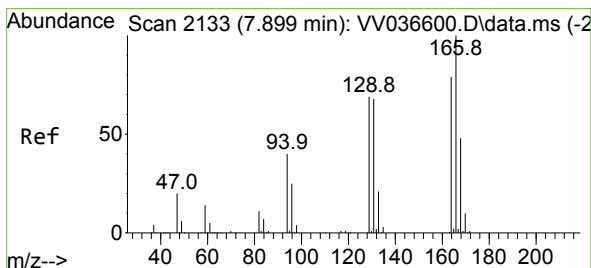
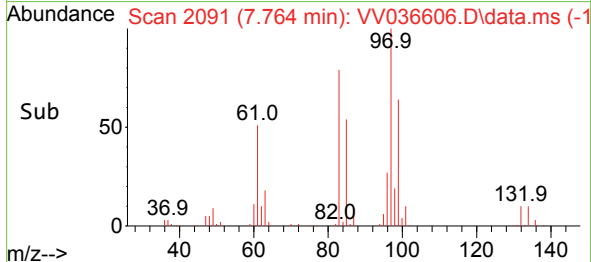
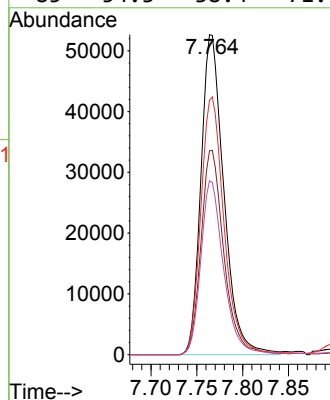
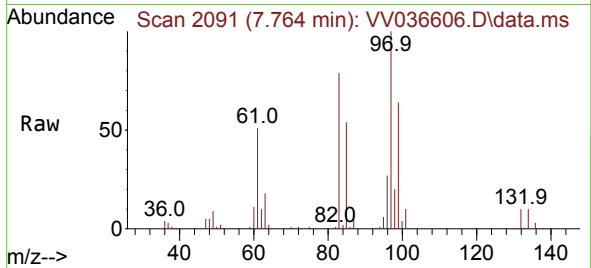




#45
1,1,2-Trichloroethane
Concen: 24.390 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

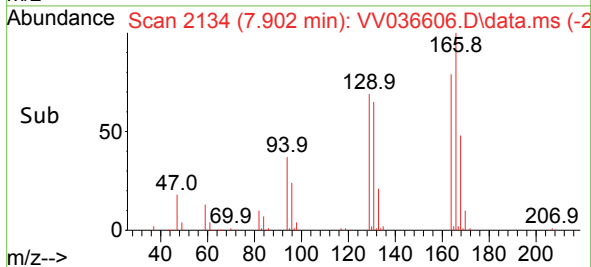
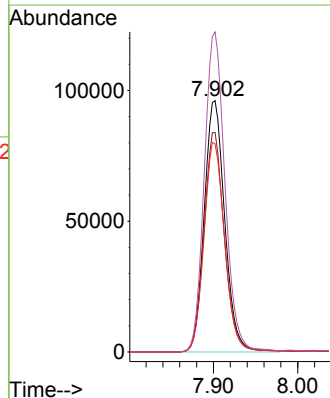
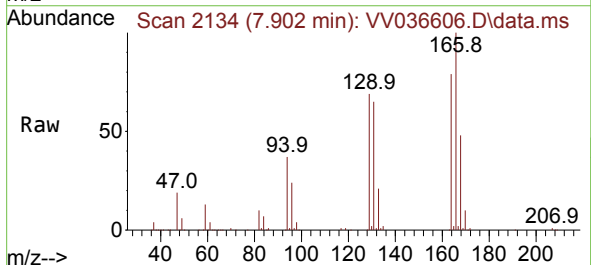
Instrument :
MSVOA_V
ClientSampleId :

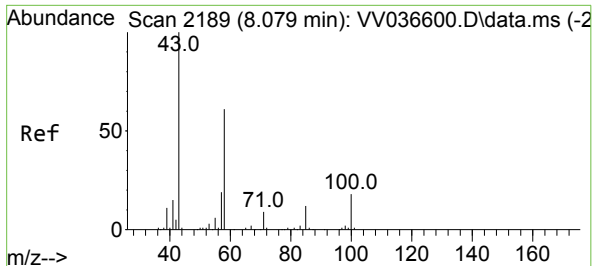
Tgt Ion: 97	Resp: 91661
Ion Ratio	Lower Upper
97 100	
99 63.7	42.6 79.2
83 79.5	58.0 107.6
85 54.3	38.4 71.4



#46
Tetrachloroethene
Concen: 42.017 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Tgt Ion: 164	Resp: 163372
Ion Ratio	Lower Upper
164 100	
129 87.4	61.0 113.4
131 82.8	59.8 111.1
166 127.3	89.4 166.0

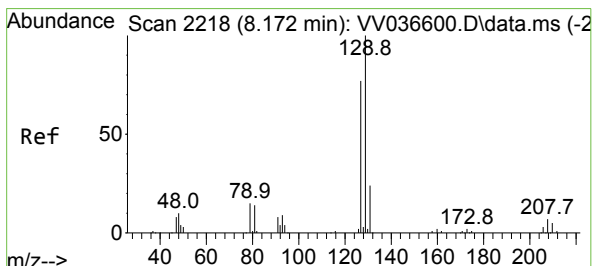
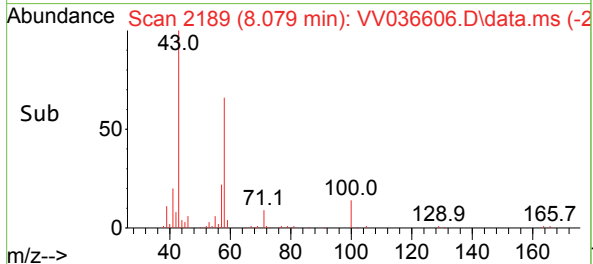
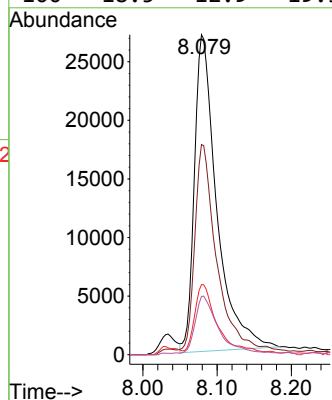
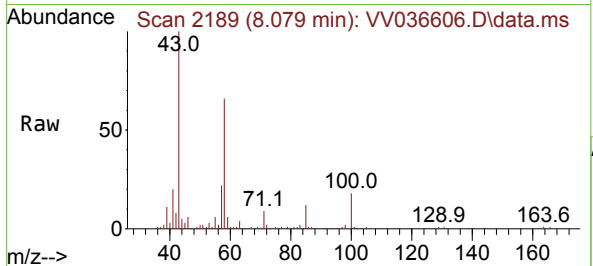




#48
2-Hexanone
Concen: 44.172 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

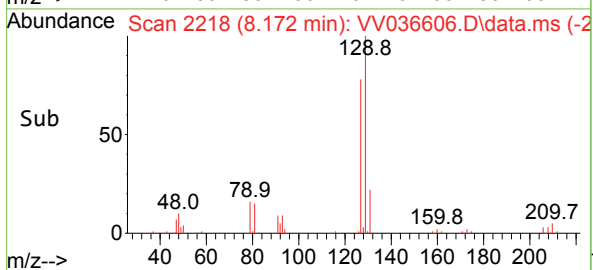
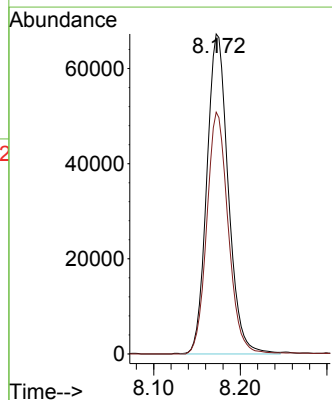
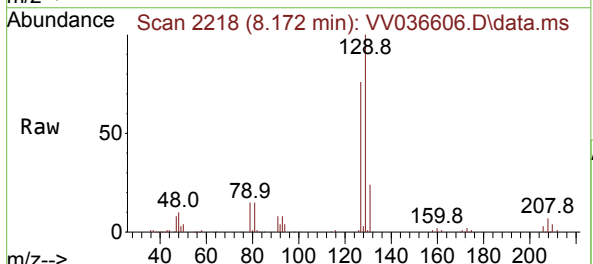
Instrument :
MSVOA_V
ClientSampleId :

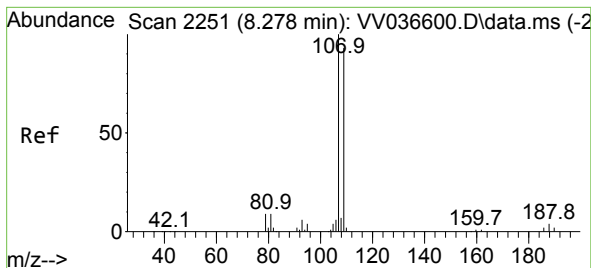
Tgt Ion: 43	Resp: 56789
Ion Ratio	Lower Upper
43 100	
58 62.4	49.5 74.3
57 18.9	15.3 22.9
100 18.5	12.9 19.3



#49
Dibromochloromethane
Concen: 25.468 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Tgt Ion:129	Resp: 115740		
Ion Ratio	Lower	Upper	
129 100			
127 75.6	53.7	99.7	





#50

1,2-Dibromoethane

Concen: 24.975 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

Instrument :

MSVOA_V

ClientSampleId :

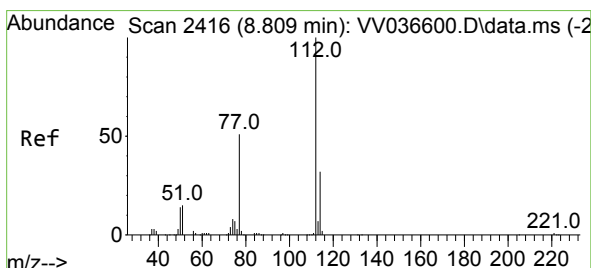
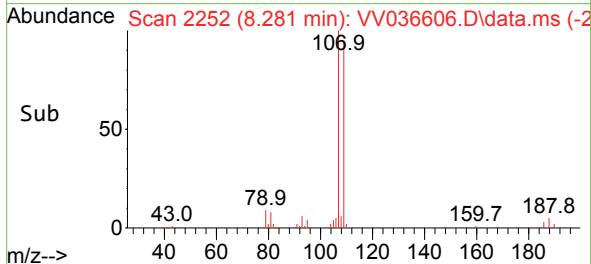
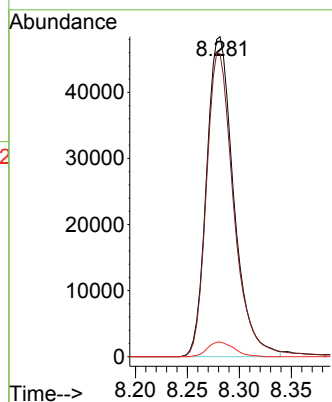
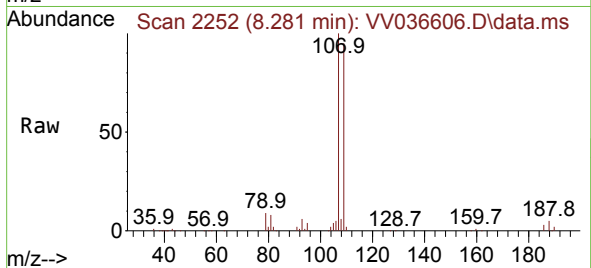
Tgt Ion:107 Resp: 88087

Ion Ratio Lower Upper

107 100

109 94.6 66.2 123.0

188 4.6 3.4 5.0



#51

Chlorobenzene

Concen: 25.039 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. 0.000 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

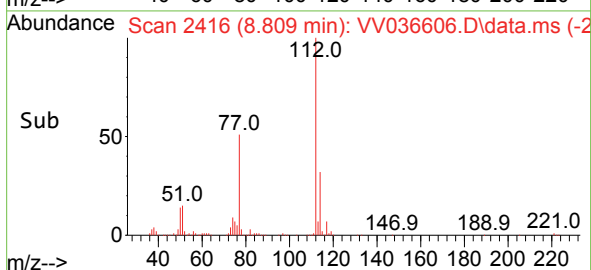
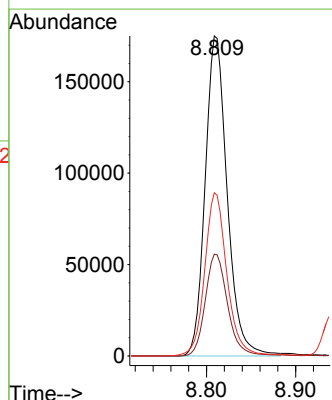
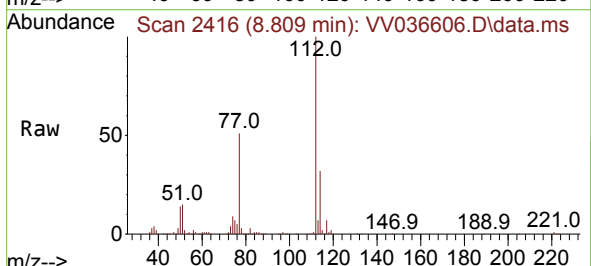
Tgt Ion:112 Resp: 300277

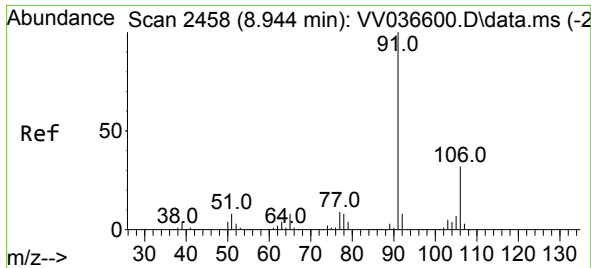
Ion Ratio Lower Upper

112 100

114 31.8 22.5 41.9

77 51.0 43.0 64.6

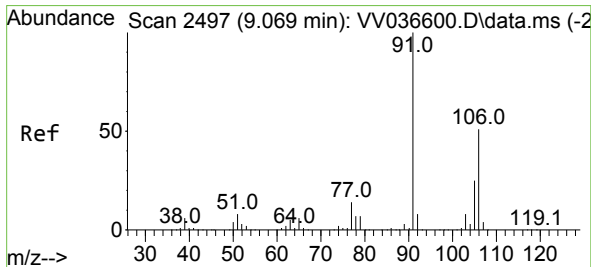
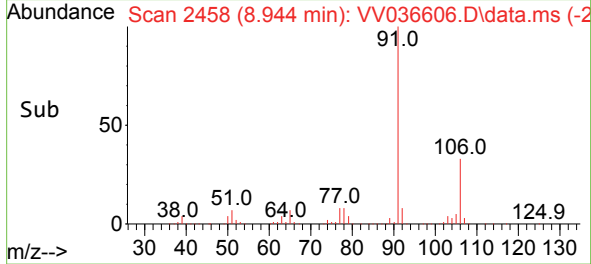
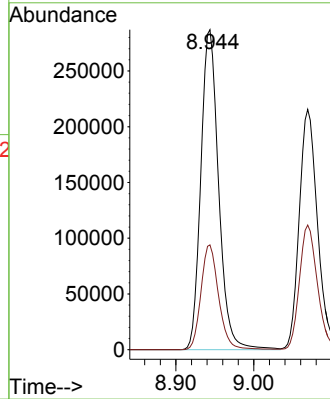
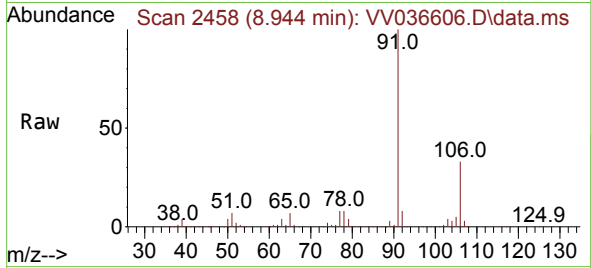




#52
Ethylbenzene
Concen: 26.500 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

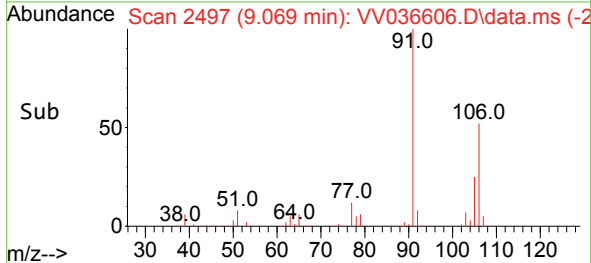
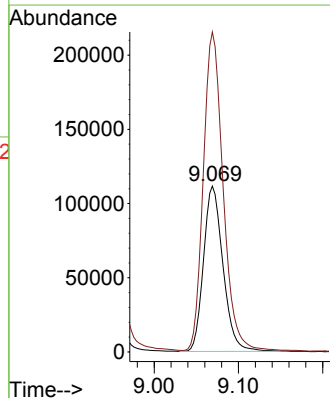
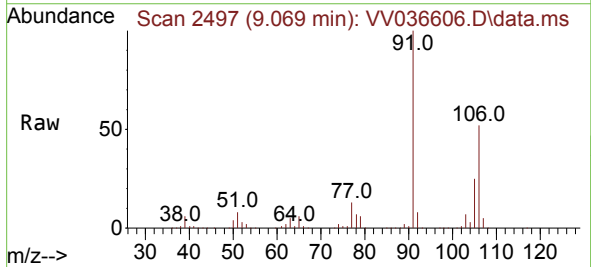
Instrument :
MSVOA_V
ClientSampleId :

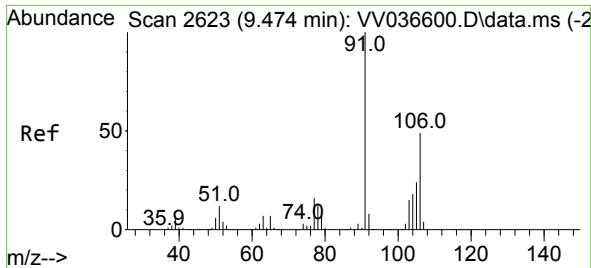
Tgt Ion: 91 Resp: 455189
Ion Ratio Lower Upper
91 100
106 32.8 22.6 42.0



#53
m,p-Xylene
Concen: 27.161 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Tgt Ion: 106 Resp: 179620
Ion Ratio Lower Upper
106 100
91 192.9 137.1 254.7

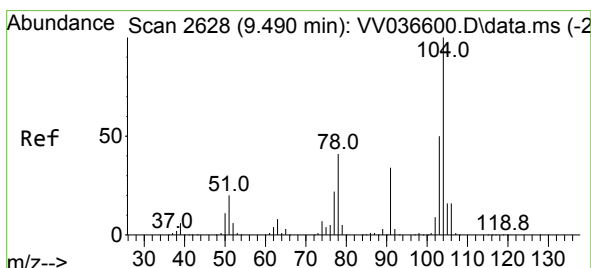
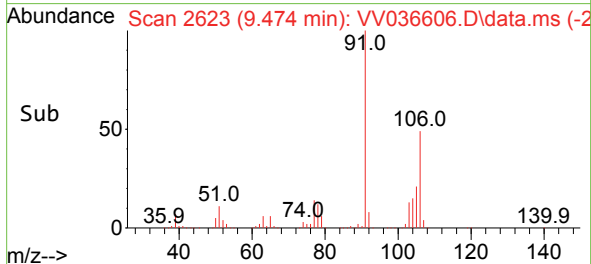
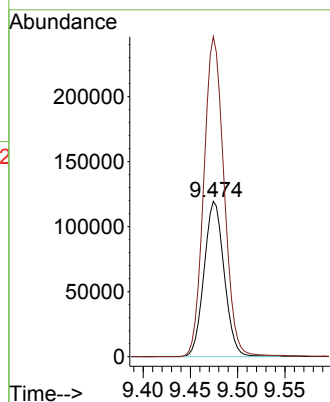
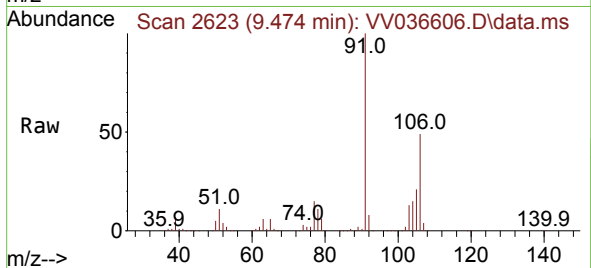




#54
o-Xylene
Concen: 28.148 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

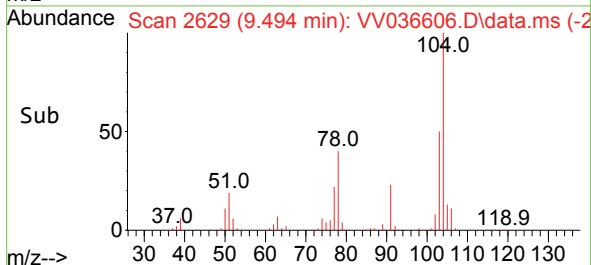
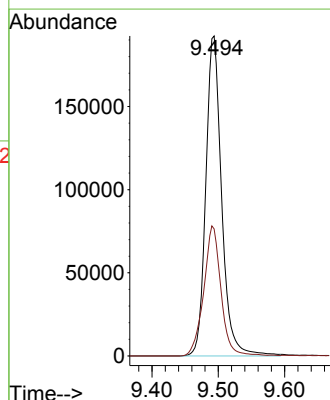
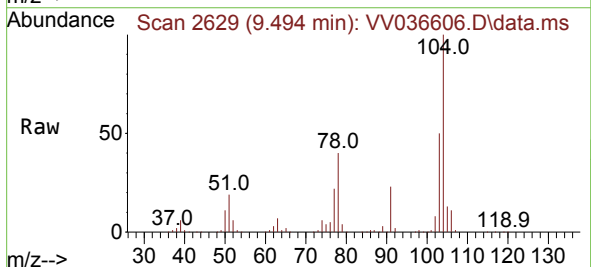
Instrument :
MSVOA_V
ClientSampleId :

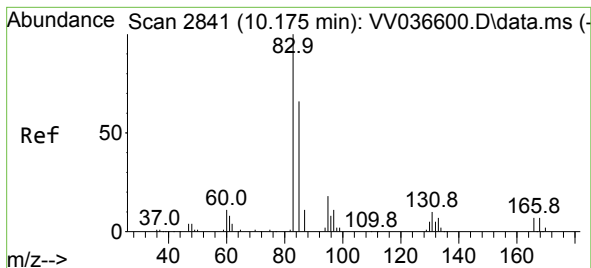
Tgt Ion:106 Resp: 177233
Ion Ratio Lower Upper
106 100
91 206.0 147.3 273.6



#55
Styrene
Concen: 28.382 ug/L
RT: 9.494 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Tgt Ion:104 Resp: 319731
Ion Ratio Lower Upper
104 100
78 39.7 28.8 53.6

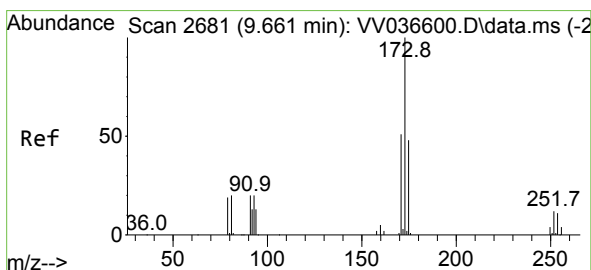
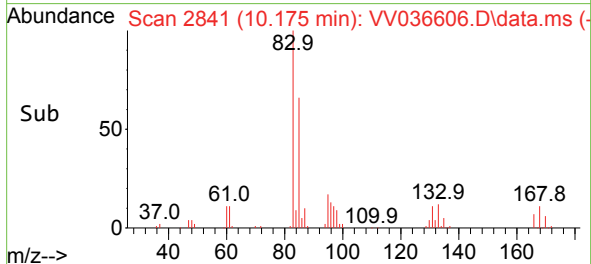
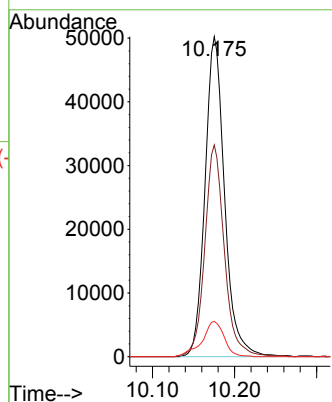
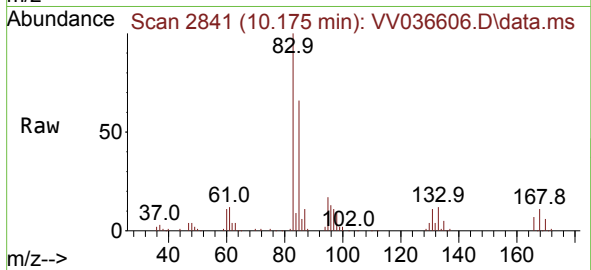




#57
 1,1,2,2-Tetrachloroethane
 Concen: 24.210 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. 0.000 min
 Lab File: VV036606.D
 Acq: 18 Jul 2024 19:03

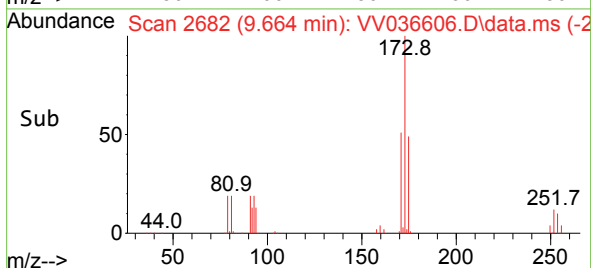
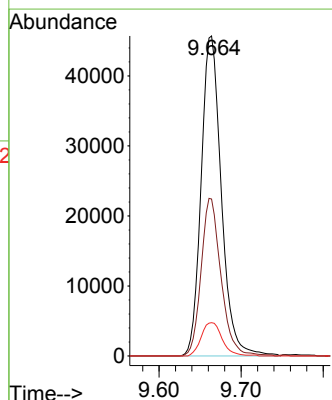
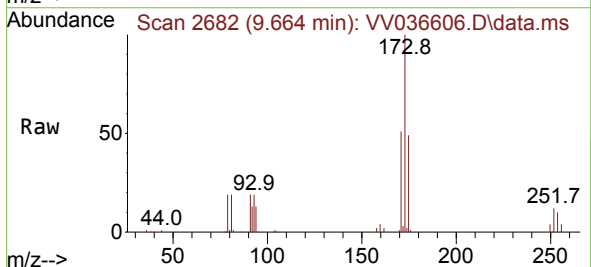
Instrument :
 MSVOA_V
 ClientSampleId :

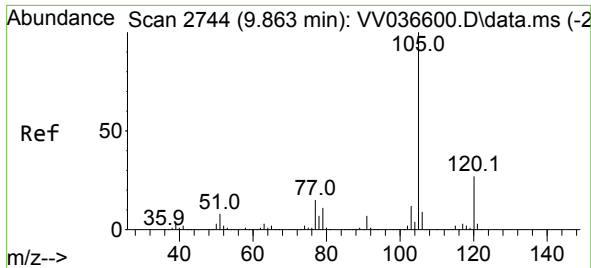
Tgt Ion:	83	Resp:	83082
Ion Ratio	Lower	Upper	
83	100		
85	66.2	45.0	83.6
131	11.0	8.1	12.1



#59
 Bromoform
 Concen: 24.774 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. 0.003 min
 Lab File: VV036606.D
 Acq: 18 Jul 2024 19:03

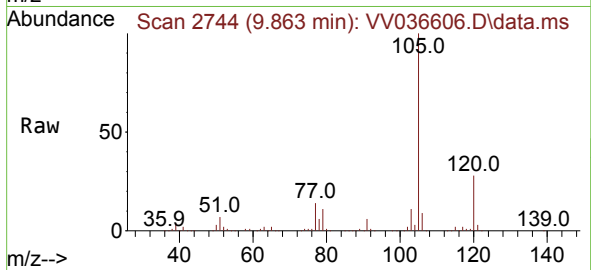
Tgt Ion:	173	Resp:	78023
Ion Ratio	Lower	Upper	
173	100		
175	48.6	37.6	56.4
254	10.8	8.2	12.4



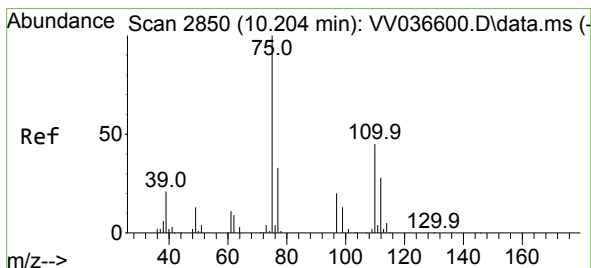
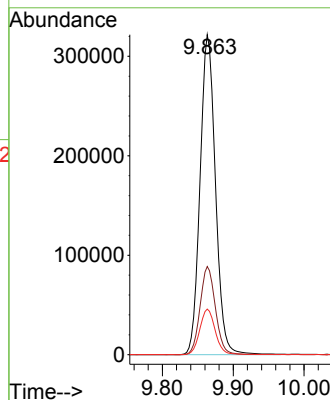
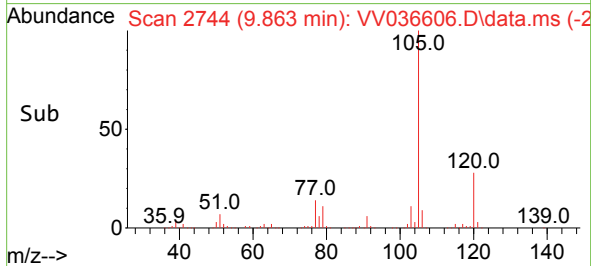


#60
Isopropylbenzene
Concen: 27.372 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Instrument :
MSVOA_V
ClientSampleId :

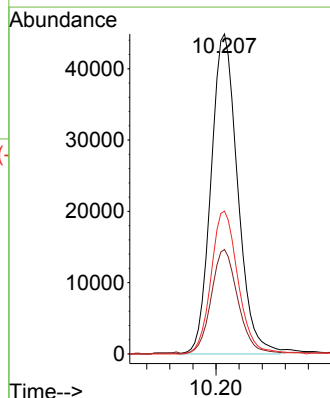
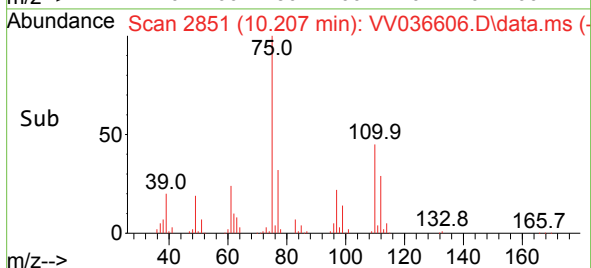
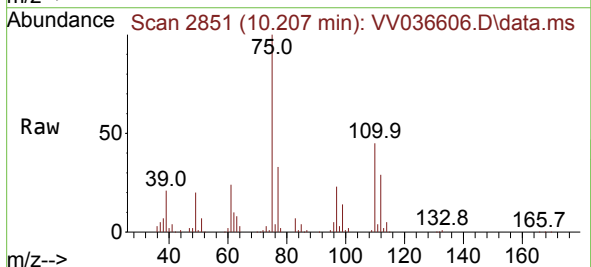


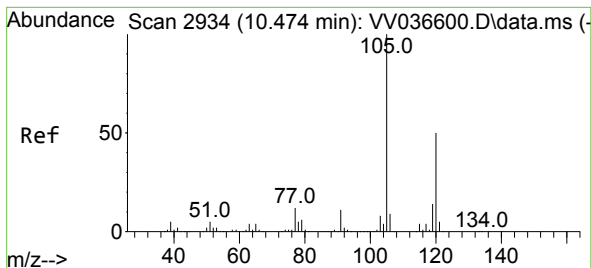
Tgt Ion:105 Resp: 485930
Ion Ratio Lower Upper
105 100
120 27.3 21.8 32.6
77 14.3 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 22.756 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Tgt Ion: 75 Resp: 71945
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
110 45.3 34.8 52.2





#62

1,3,5-Trimethylbenzene

Concen: 28.034 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

Instrument :

MSVOA_V

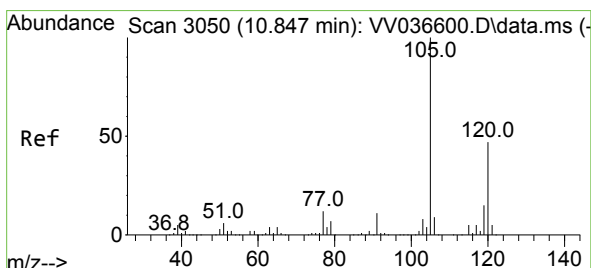
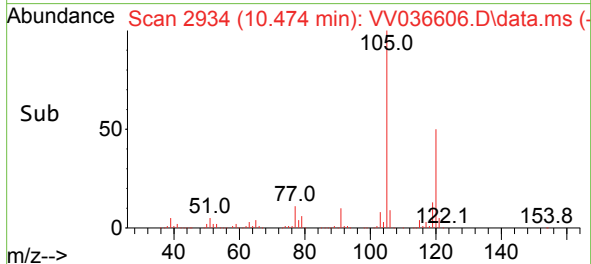
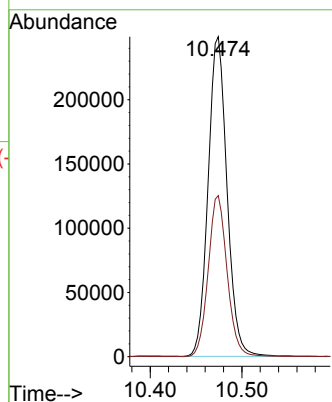
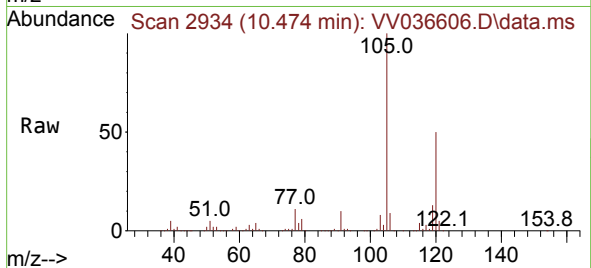
ClientSampleId :

Tgt Ion:105 Resp: 356400

Ion Ratio Lower Upper

105 100

120 50.6 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 28.284 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV036606.D

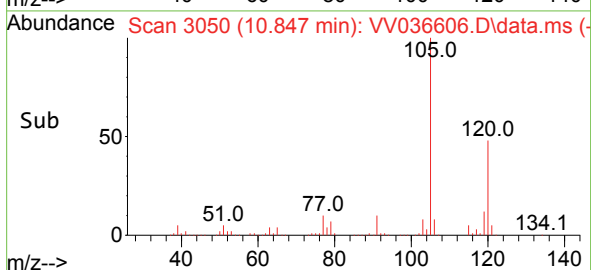
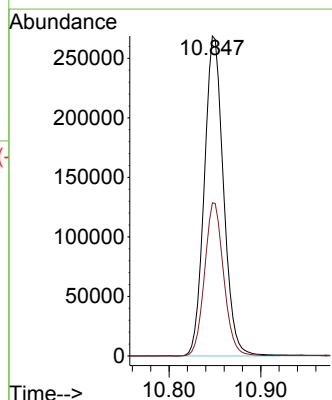
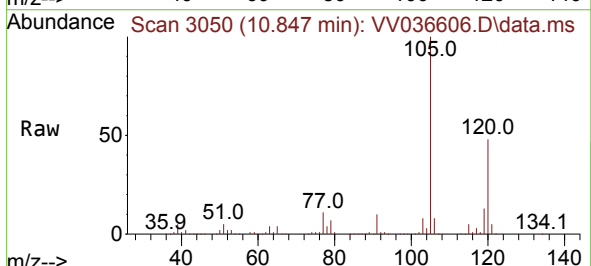
Acq: 18 Jul 2024 19:03

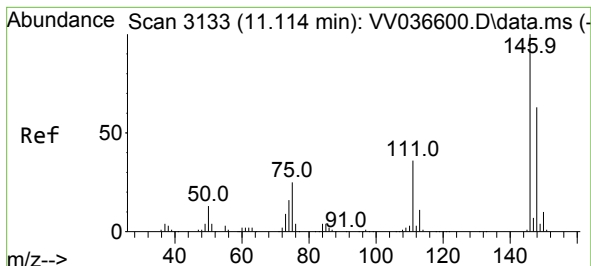
Tgt Ion:105 Resp: 391262

Ion Ratio Lower Upper

105 100

120 47.6 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 25.980 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

Instrument :

MSVOA_V

ClientSampleId :

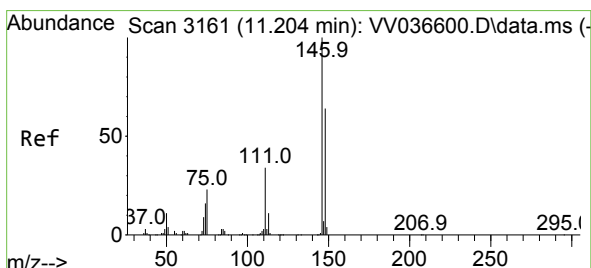
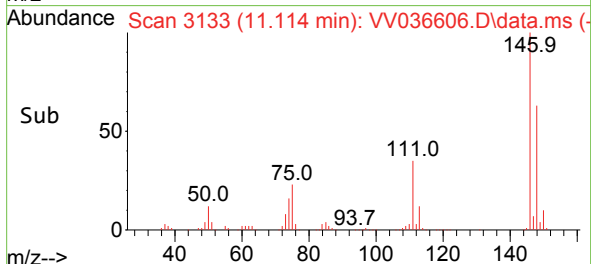
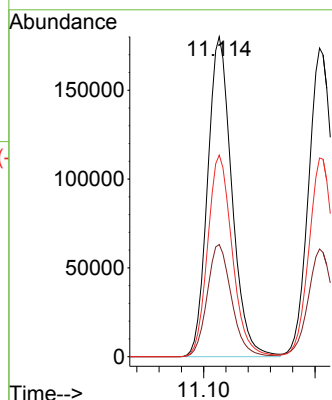
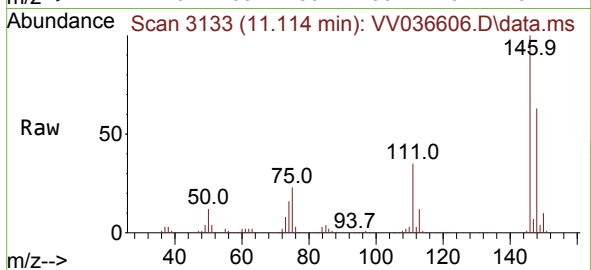
Tgt Ion:146 Resp: 272647

Ion Ratio Lower Upper

146 100

111 35.1 25.8 47.8

148 63.0 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 24.447 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

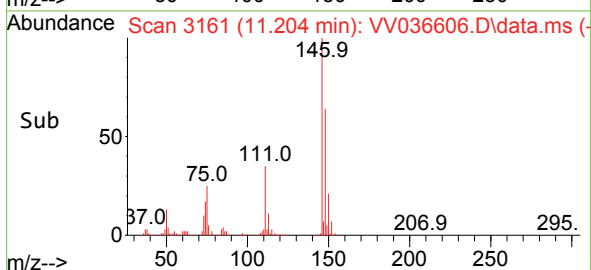
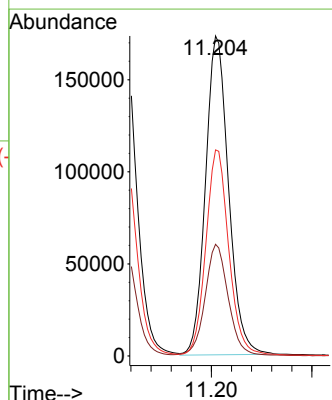
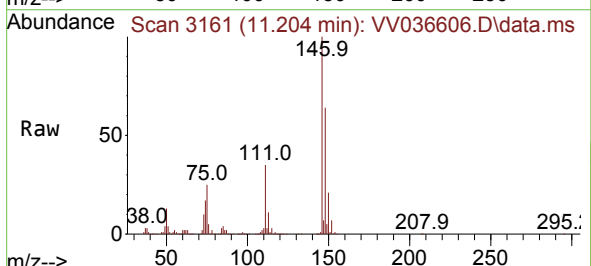
Tgt Ion:146 Resp: 275493

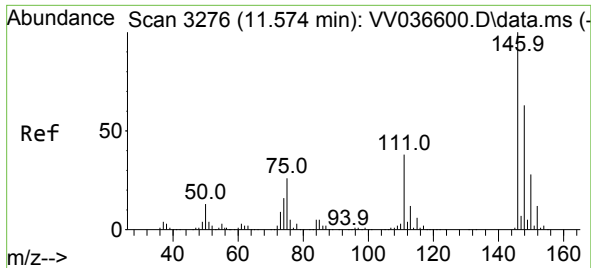
Ion Ratio Lower Upper

146 100

111 34.9 25.2 46.8

148 64.4 45.2 84.0

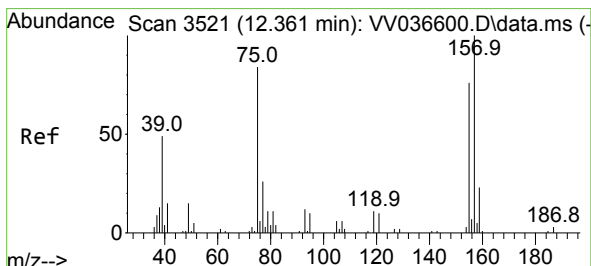
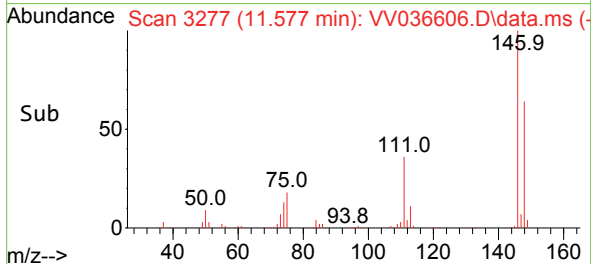
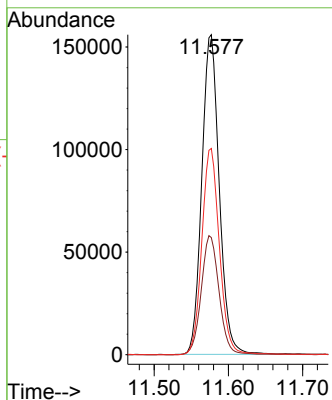
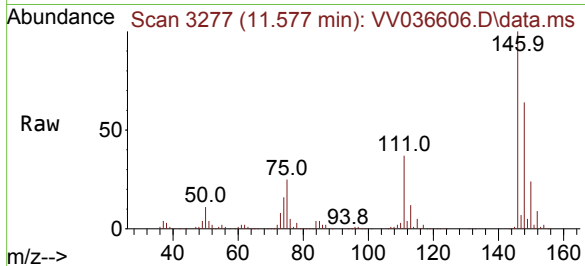




#67
1,2-Dichlorobenzene
Concen: 25.226 ug/L
RT: 11.577 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

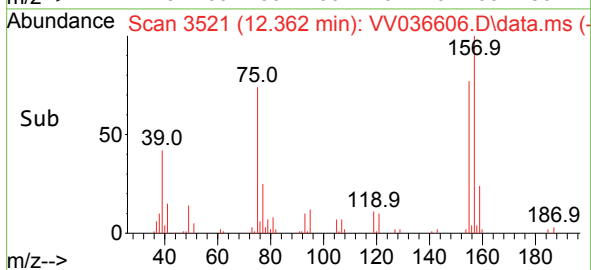
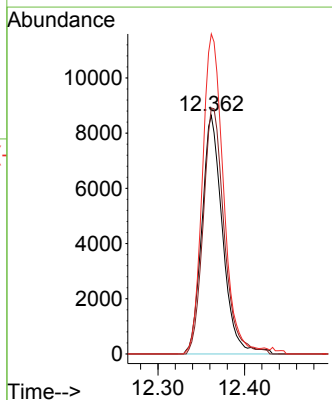
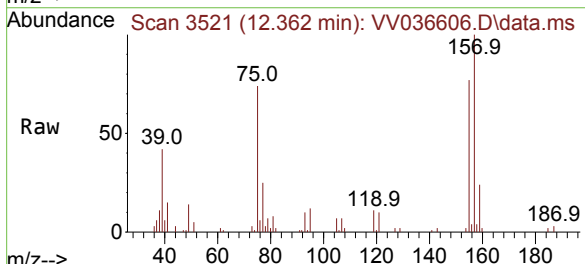
Instrument :
MSVOA_V
ClientSampleId :

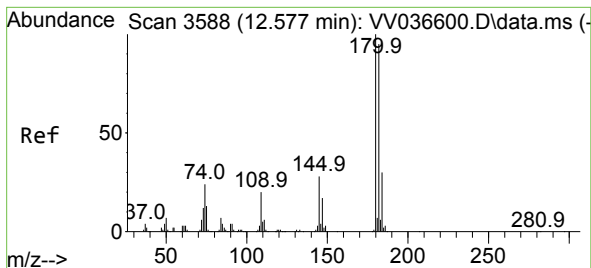
Tgt Ion:146 Resp: 254396
Ion Ratio Lower Upper
146 100
111 36.6 30.8 46.2
148 64.4 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 20.946 ug/L
RT: 12.362 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV036606.D
Acq: 18 Jul 2024 19:03

Tgt Ion: 75 Resp: 14328
Ion Ratio Lower Upper
75 100
155 103.2 74.6 111.8
157 134.3 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 24.660 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

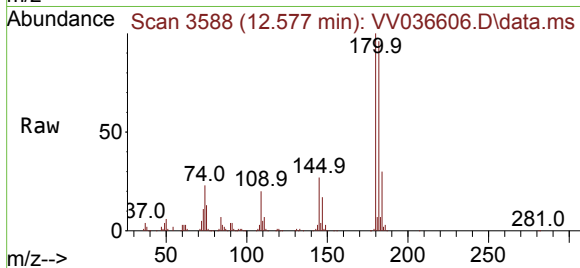
Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 200388

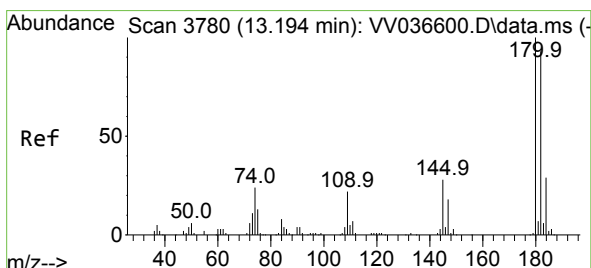
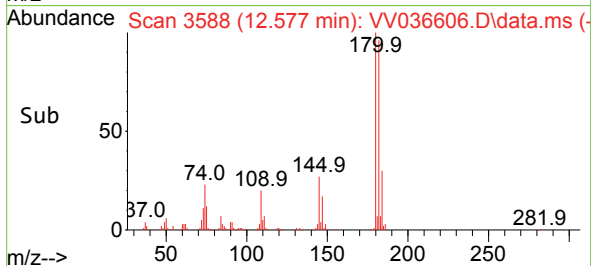
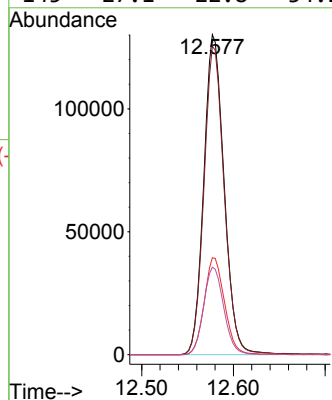
Ion Ratio Lower Upper

180 100

182 96.1 77.4 116.0

184 30.2 24.4 36.6

145 27.1 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 25.073 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

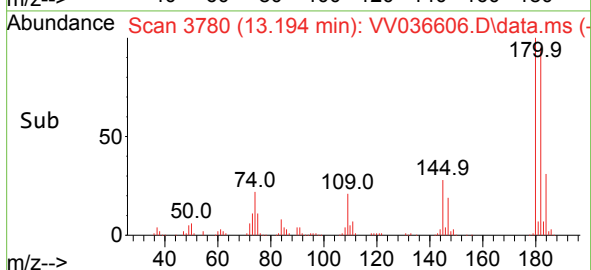
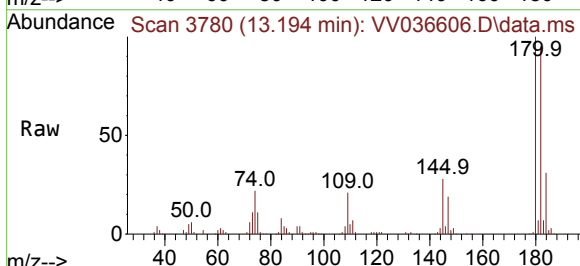
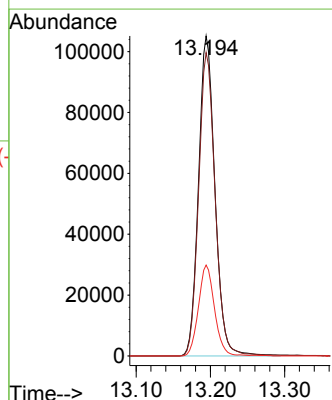
Tgt Ion:180 Resp: 162045

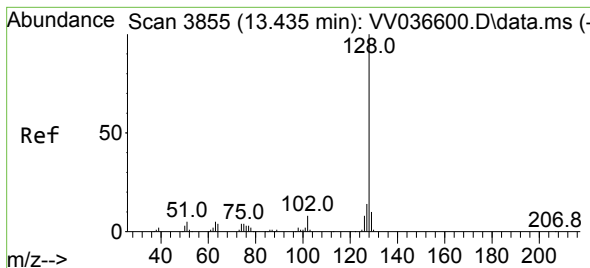
Ion Ratio Lower Upper

180 100

182 95.5 76.7 115.1

145 27.6 23.0 34.6





#71

Naphthalene

Concen: 24.077 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

Instrument :

MSVOA_V

ClientSampleId :

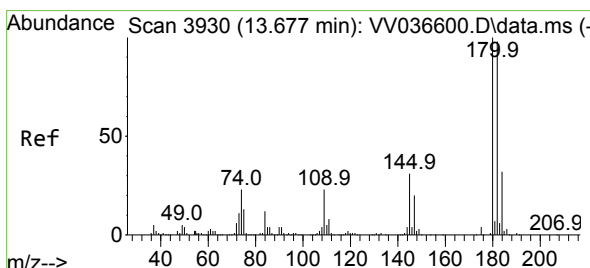
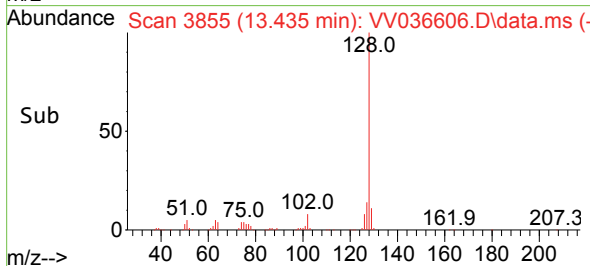
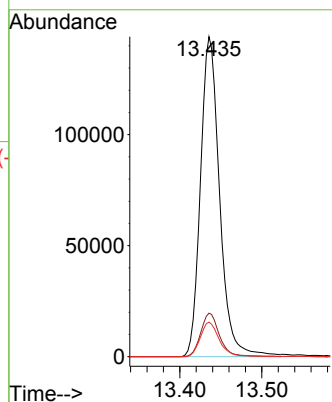
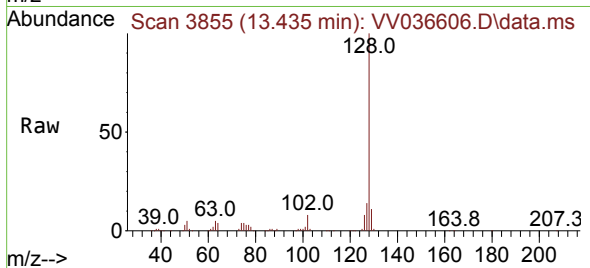
Tgt Ion:128 Resp: 233698

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 24.565 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036606.D

Acq: 18 Jul 2024 19:03

Tgt Ion:180 Resp: 150197

Ion Ratio Lower Upper

180 100

182 93.8 76.6 114.8

145 29.4 24.4 36.6

