

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036408.D
 Acq On : 02 Jul 2024 04:51
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 05:30:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	358621	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	366199	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	199896	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	125311	20.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.280%
7) Chloroethane-d5	1.526	69	107267	22.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.050	65	53707	18.758	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.040%
21) 2-Butanone-d5	3.847	46	17958	12.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.400%
24) Chloroform-d	4.240	84	264979	25.032	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.120%
26) 1,2-Dichloroethane-d4	4.937	65	136839	24.240	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.960%
32) Benzene-d6	4.953	84	492098	23.805	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	5.982	67	151770	24.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.640%
41) Toluene-d8	7.236	98	450489	24.170	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.680%
43) trans-1,3-Dichloroprop...	7.551	79	60774	21.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.560%
47) 2-Hexanone-d5	8.031	63	39208	39.503	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.000%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	113931	22.353	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	170870	23.457	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	151419	22.223	ug/L	98
3) Chloromethane	1.211	50	159556	25.870	ug/L	100
5) Vinyl chloride	1.275	62	178434	25.053	ug/L	100
6) Bromomethane	1.481	94	124792	26.052	ug/L	100
8) Chloroethane	1.542	64	115929	26.410	ug/L	99
9) Trichlorofluoromethane	1.706	101	233265	22.933	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	148886	23.336	ug/L	97
12) 1,1-Dichloroethene	2.060	96	144604	25.599	ug/L	87
13) Acetone	2.388	43	49894	26.126	ug/L	100
14) Carbon disulfide	2.233	76	453840	25.465	ug/L	100
15) Methyl Acetate	2.388	43	55132	22.434	ug/L	99
16) Methylene chloride	2.439	84	181712	25.738	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	156884	27.972	ug/L	97
18) Methyl tert-butyl Ether	2.700	73	363162	27.816	ug/L	100
19) 1,1-Dichloroethane	3.105	63	285014	28.581	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	166076	29.441	ug/L	98
22) 2-Butanone	3.921	43	44219	27.461	ug/L	83
23) Bromochloromethane	4.143	128	85454	29.052	ug/L	95
25) Chloroform	4.269	83	309646	29.113	ug/L	99

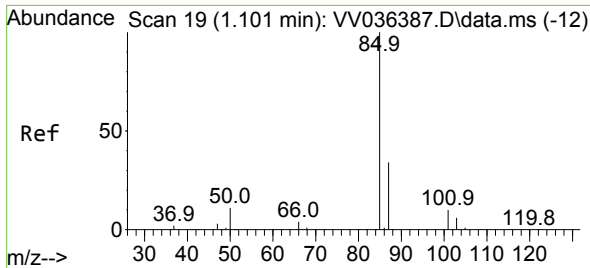
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	193157	28.046	ug/L	100
29) Cyclohexane	4.574	56	181422	23.254	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	243444	26.811	ug/L	99
31) Carbon tetrachloride	4.728	117	207880	25.695	ug/L	99
33) Benzene	5.002	78	621849	28.670	ug/L	100
34) Trichloroethene	5.828	95	187403	27.380	ug/L	98
35) Methylcyclohexane	6.043	83	224580	23.544	ug/L	100
37) 1,2-Dichloropropane	6.088	63	161470	29.149	ug/L	98
38) Bromodichloromethane	6.429	83	220985	29.168	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	232000	27.237	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	152544	48.829	ug/L	99
42) Toluene	7.310	91	672121	29.636	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	203217	26.525	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	135045	27.582	ug/L	99
46) Tetrachloroethene	7.902	164	131845	26.505	ug/L	98
48) 2-Hexanone	8.079	43	97732	39.772	ug/L	98
49) Dibromochloromethane	8.172	129	154665	28.337	ug/L	100
50) 1,2-Dibromoethane	8.278	107	133183	27.612	ug/L	100
51) Chlorobenzene	8.809	112	446377	28.793	ug/L	98
52) Ethylbenzene	8.944	91	705593	28.830	ug/L	99
53) m,p-Xylene	9.069	106	273585	29.993	ug/L	99
54) o-Xylene	9.474	106	260411	30.359	ug/L	97
55) Styrene	9.490	104	475349	31.620	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	112233	25.612	ug/L	98
59) Bromoform	9.661	173	98662	26.074	ug/L	99
60) Isopropylbenzene	9.863	105	686022	28.391	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	110668	24.532	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	502824	29.077	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	564461	30.038	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	363041	28.833	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	373060	27.641	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	341528	28.412	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	23771	23.488	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	262043	27.639	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	199218	26.350	ug/L	100
71) Naphthalene	13.435	128	332208	24.644	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	191760	26.972	ug/L	99

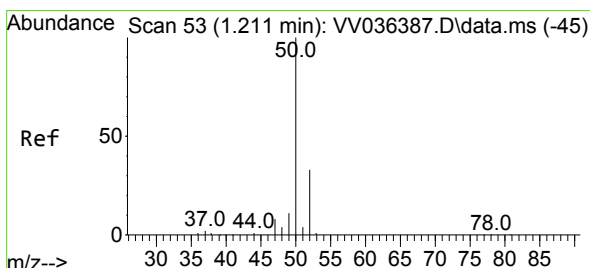
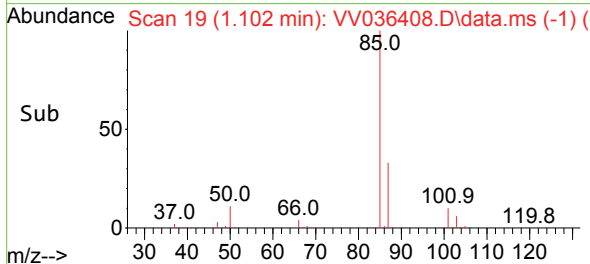
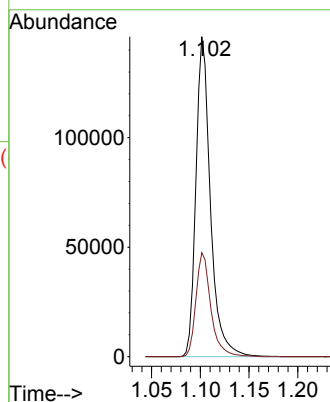
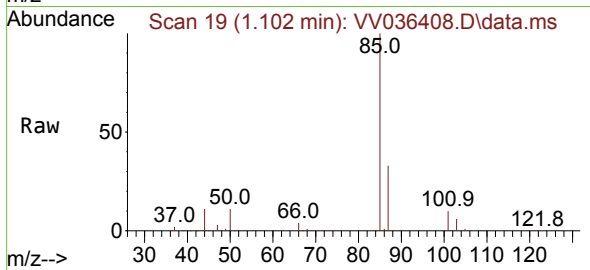
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 22.223 ug/L
 RT: 1.102 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV036408.D
 Acq: 02 Jul 2024 04:51

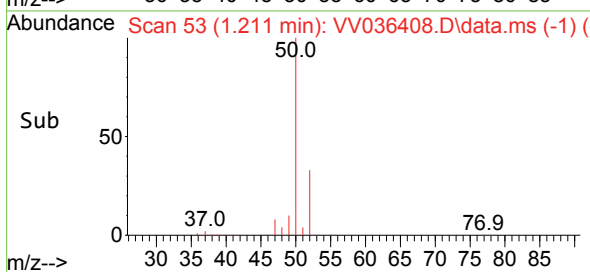
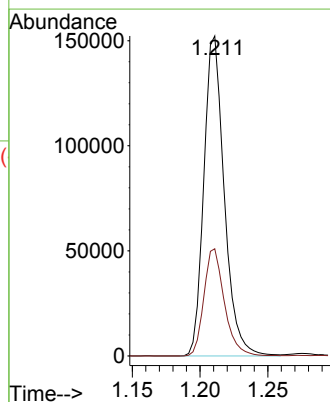
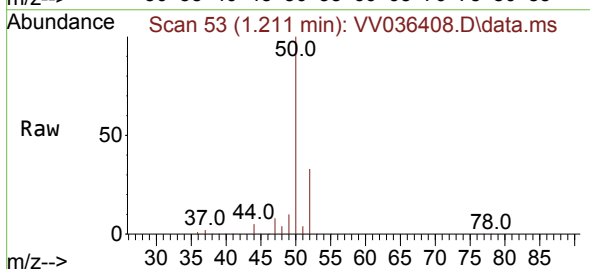
Instrument :
 MSVOA_V
 ClientSampleId :

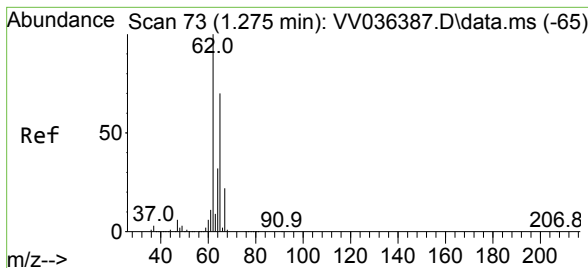
Tgt Ion: 85 Resp: 151419
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.9 38.9



#3
 Chloromethane
 Concen: 25.870 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036408.D
 Acq: 02 Jul 2024 04:51

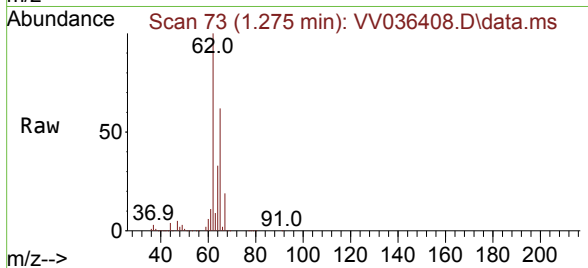
Tgt Ion: 50 Resp: 159556
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.5 43.7



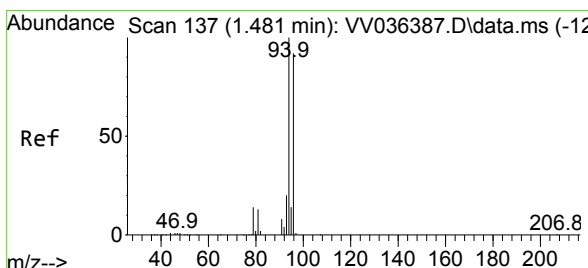
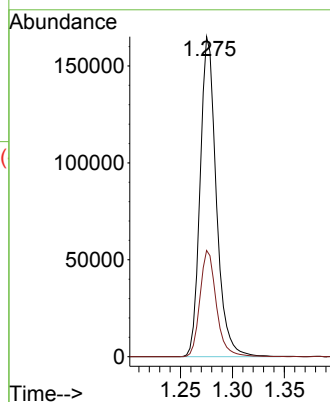
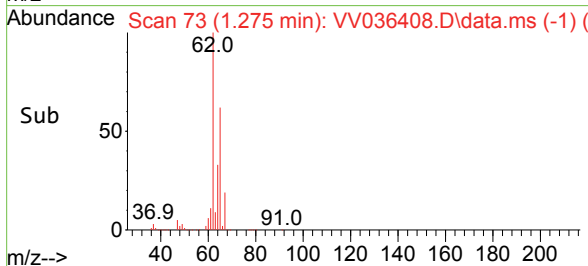


#5
 Vinyl chloride
 Concen: 25.053 ug/L
 RT: 1.275 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VV036408.D
 Acq: 02 Jul 2024 04:51

Instrument :
 MSVOA_V
 ClientSampleId :

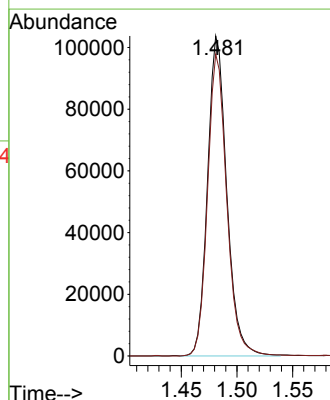
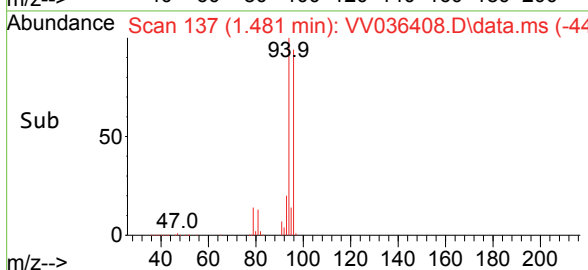
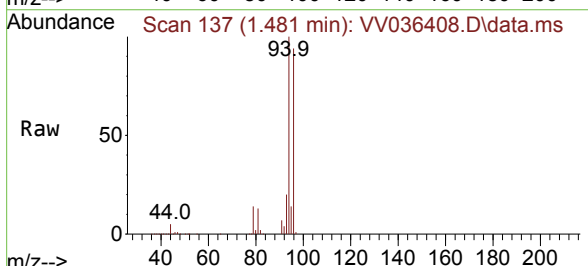


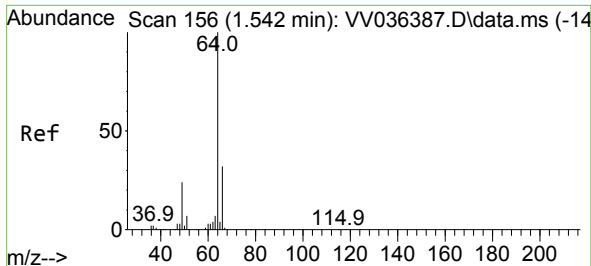
Tgt Ion: 62 Resp: 178434
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.4



#6
 Bromomethane
 Concen: 26.052 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. 0.000 min
 Lab File: VV036408.D
 Acq: 02 Jul 2024 04:51

Tgt Ion: 94 Resp: 124792
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.1 122.7

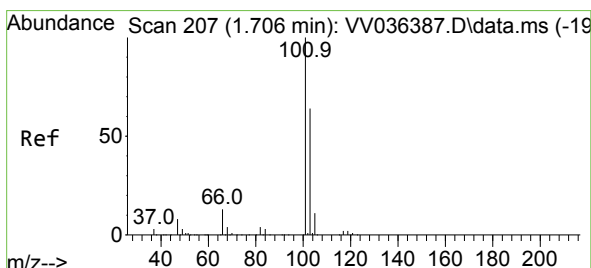
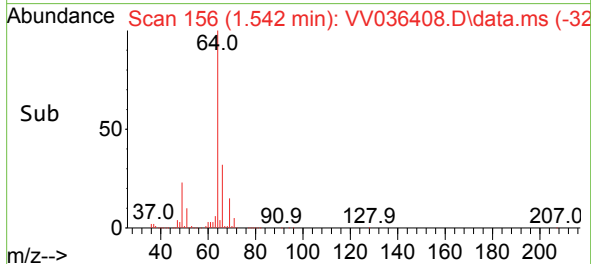
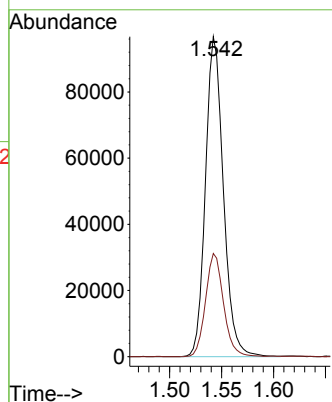
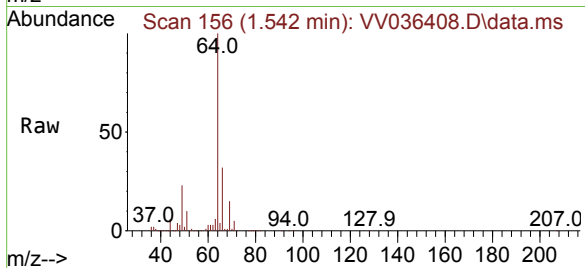




#8
Chloroethane
Concen: 26.410 ug/L
RT: 1.542 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

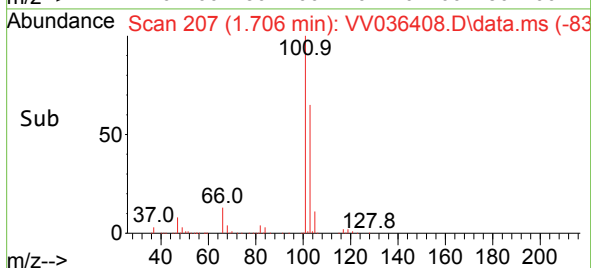
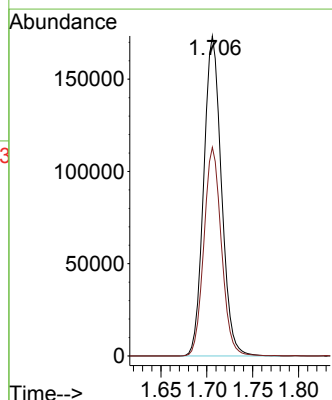
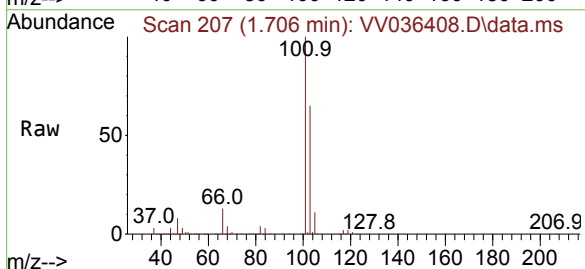
Instrument :
MSVOA_V
ClientSampleId :

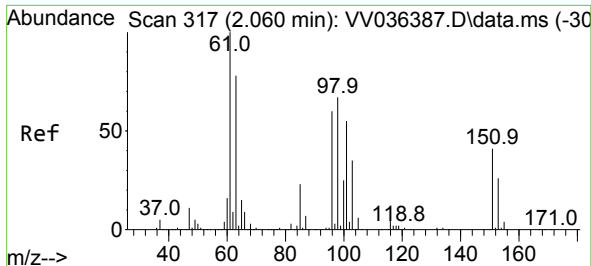
Tgt Ion: 64 Resp: 115929
Ion Ratio Lower Upper
64 100
66 32.2 23.0 42.6



#9
Trichlorofluoromethane
Concen: 22.933 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Tgt Ion:101 Resp: 233265
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

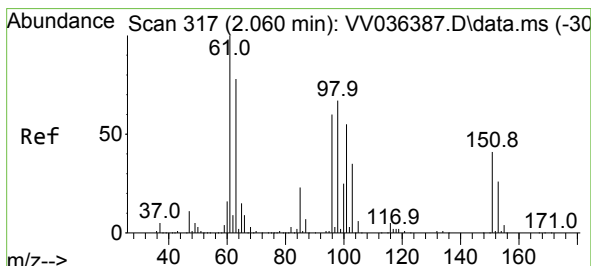
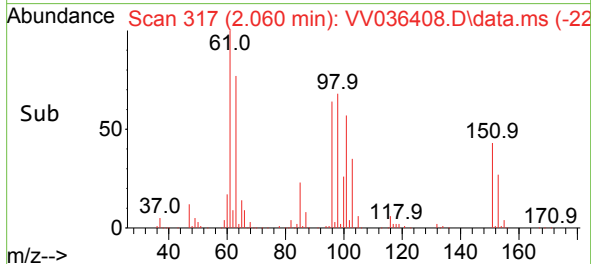
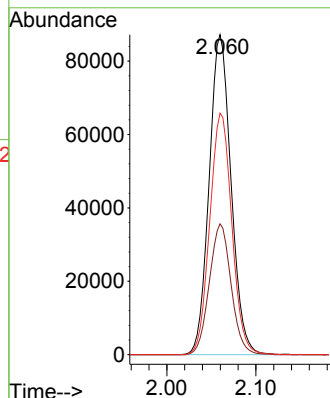
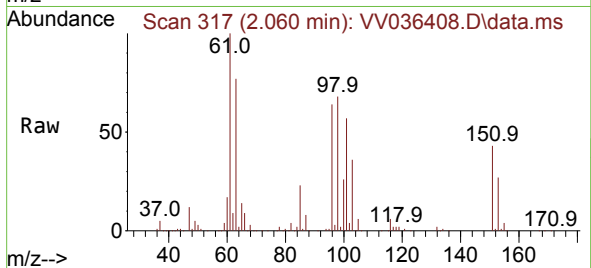




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.336 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VV036408.D
 Acq: 02 Jul 2024 04:51

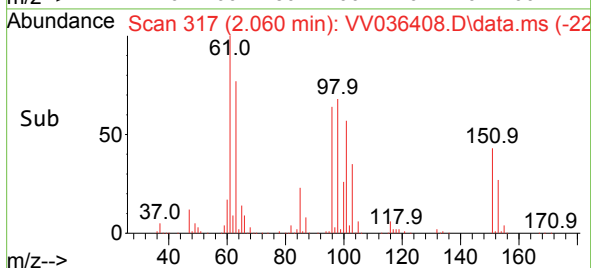
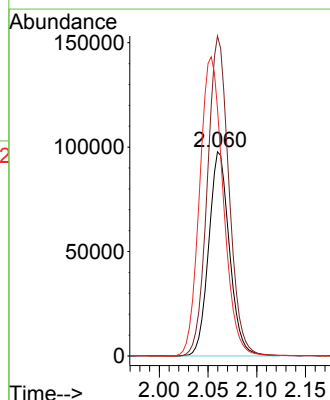
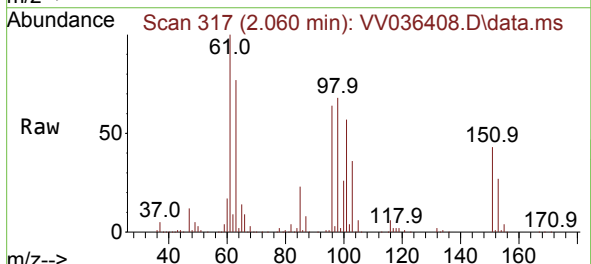
Instrument :
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 ClientSampleId :

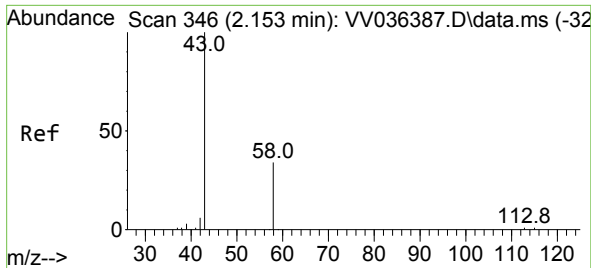
Tgt Ion:101 Resp: 148886
 Ion Ratio Lower Upper
 101 100
 85 40.7 34.6 51.8
 151 76.0 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 25.599 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VV036408.D
 Acq: 02 Jul 2024 04:51

Tgt Ion: 96 Resp: 144604
 Ion Ratio Lower Upper
 96 100
 61 156.7 122.6 227.8
 63 121.2 96.1 178.5





#13

Acetone

Concen: 26.126 ug/L

RT: 2.388 min Scan# 41

Delta R.T. 0.235 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

Instrument :

MSVOA_V

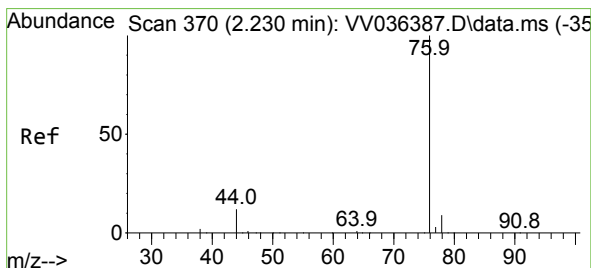
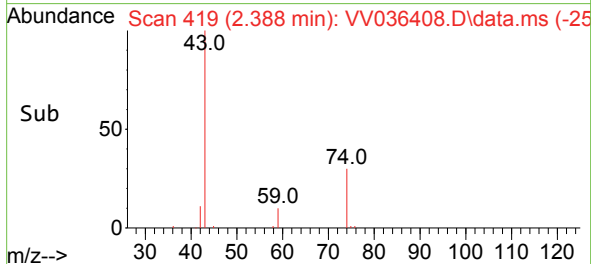
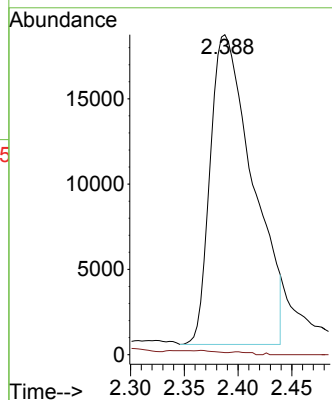
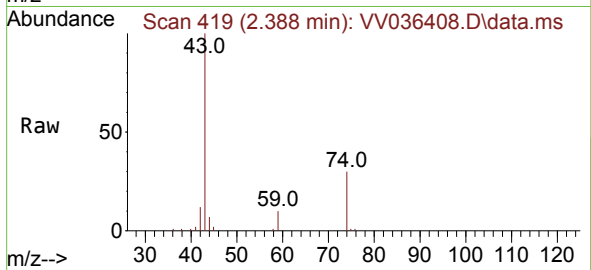
ClientSampleId :

Tgt Ion: 43 Resp: 49894

Ion Ratio Lower Upper

43 100

58 0.1 0.0 0.6



#14

Carbon disulfide

Concen: 25.465 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036408.D

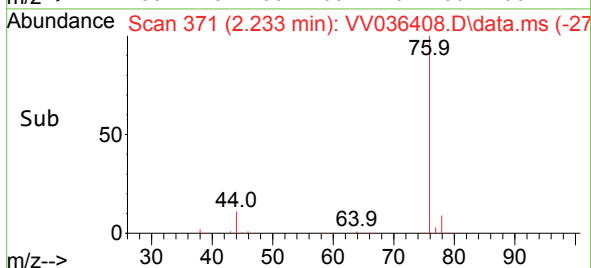
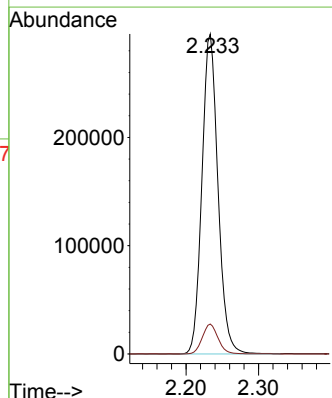
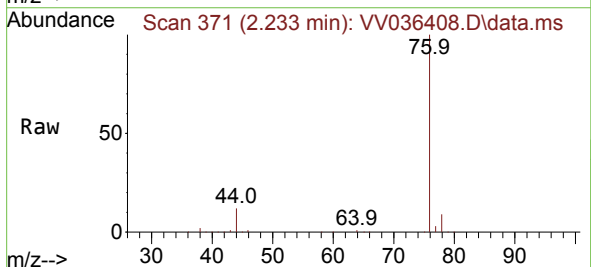
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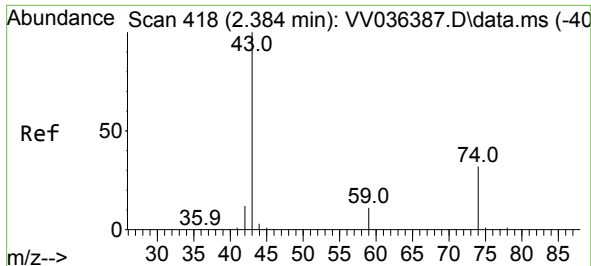
Tgt Ion: 76 Resp: 453840

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

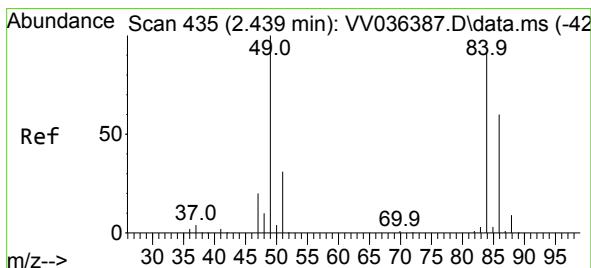
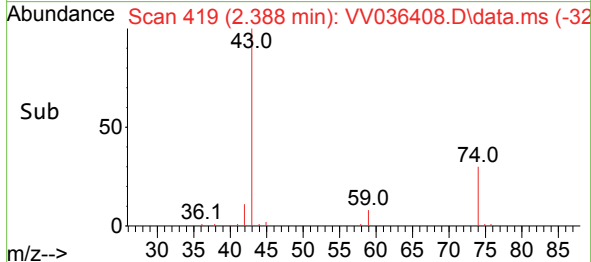
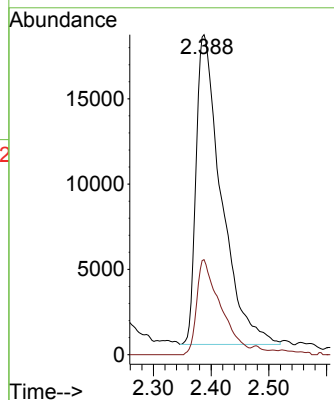
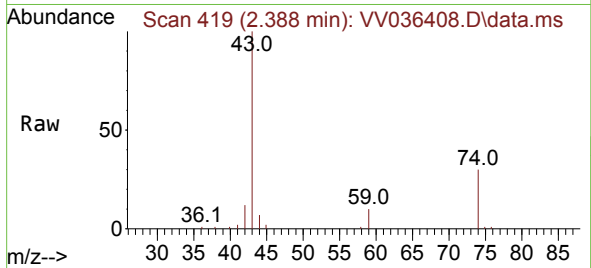




#15
Methyl Acetate
Concen: 22.434 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

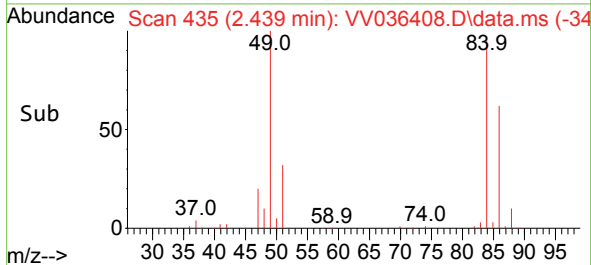
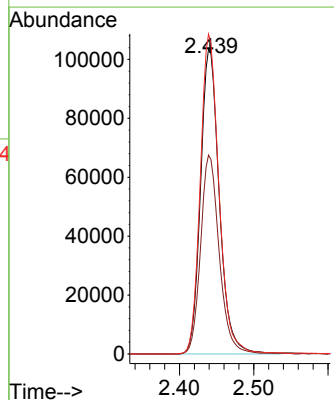
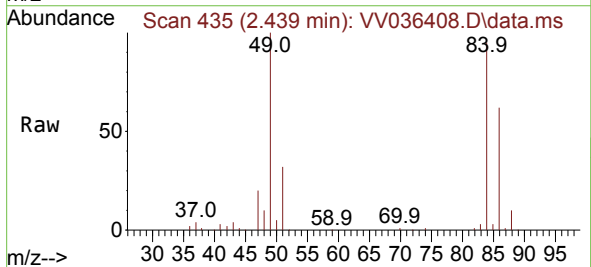
Instrument :
MSVOA_V
ClientSampleId :

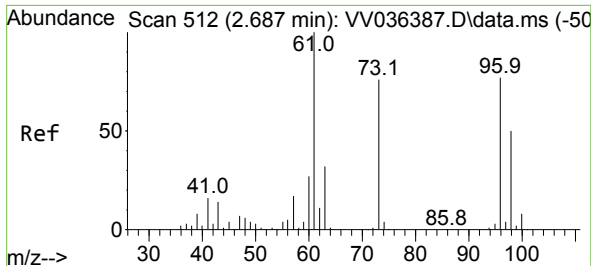
Tgt Ion: 43 Resp: 55132
Ion Ratio Lower Upper
43 100
74 29.1 23.8 35.6



#16
Methylene chloride
Concen: 25.738 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

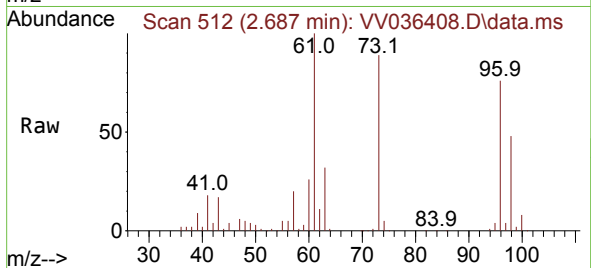
Tgt Ion: 84 Resp: 181712
Ion Ratio Lower Upper
84 100
86 65.3 45.6 84.8
49 105.0 75.7 140.5





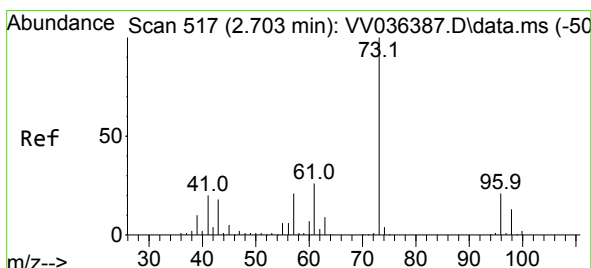
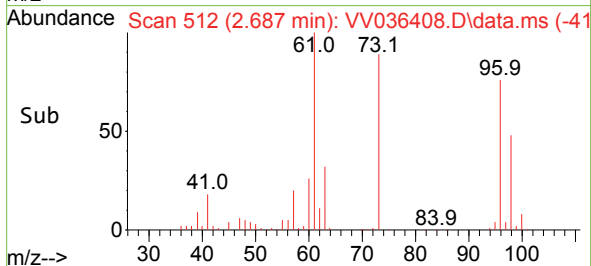
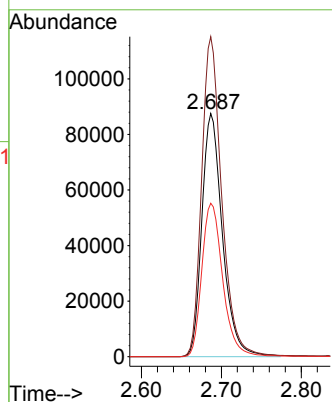
#17
trans-1,2-Dichloroethene
Concen: 27.972 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 156884

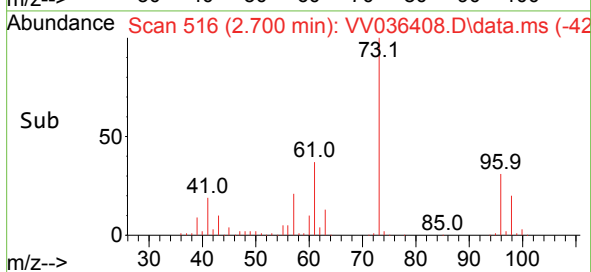
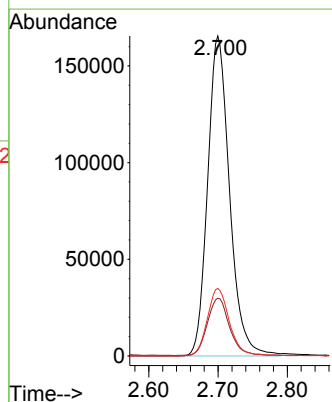
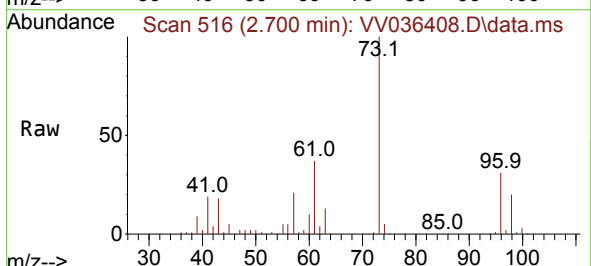
Ion	Ratio	Lower	Upper
96	100		
61	131.6	89.8	166.8
98	63.1	45.3	84.1

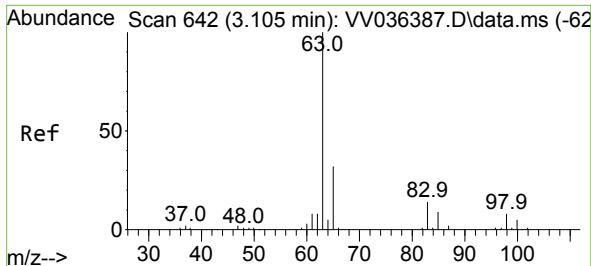


#18
Methyl tert-butyl Ether
Concen: 27.816 ug/L
RT: 2.700 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Tgt Ion: 73 Resp: 363162

Ion	Ratio	Lower	Upper
73	100		
43	18.1	14.7	22.1
57	21.4	17.0	25.6





#19

1,1-Dichloroethane

Concen: 28.581 ug/L

RT: 3.105 min Scan# 642

Delta R.T. 0.000 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

Instrument :

MSVOA_V

ClientSampleId :

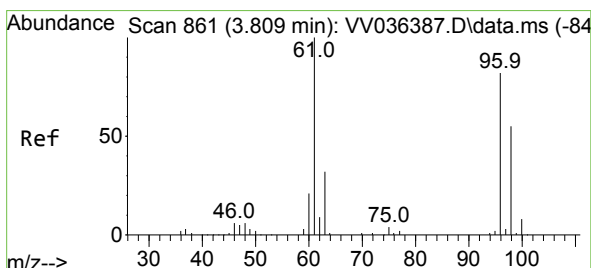
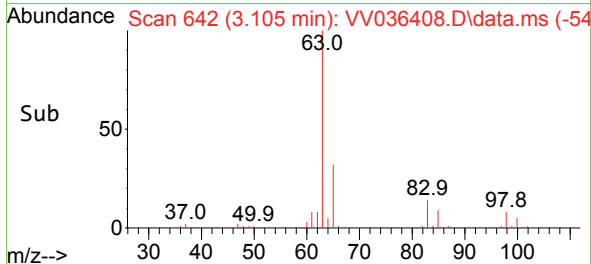
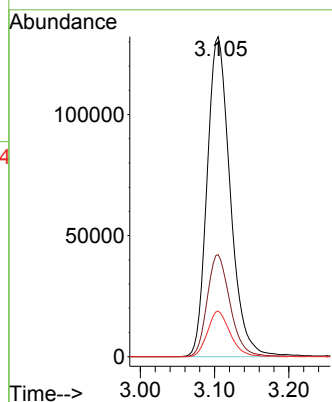
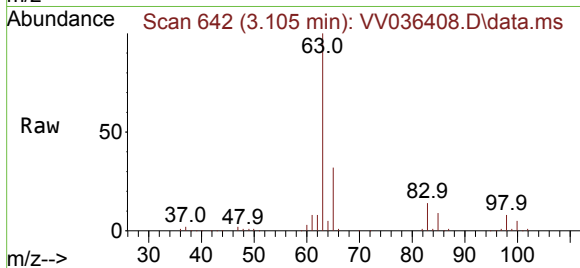
Tgt Ion: 63 Resp: 285014

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 14.3 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 29.441 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

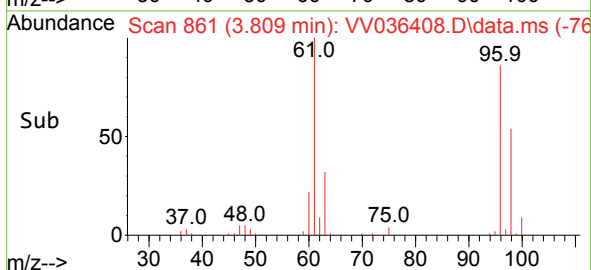
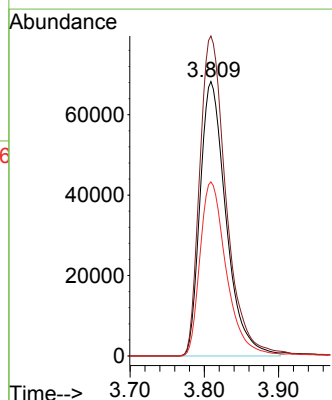
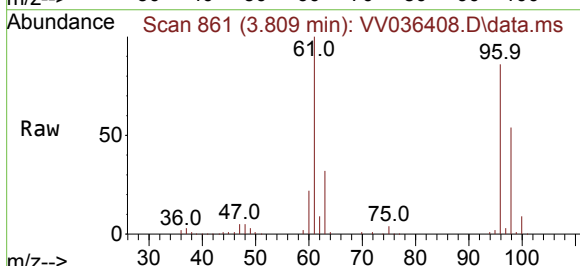
Tgt Ion: 96 Resp: 166076

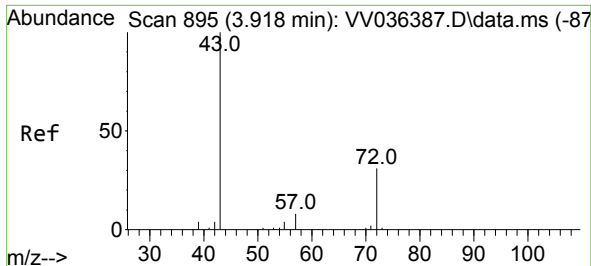
Ion Ratio Lower Upper

96 100

61 116.6 83.7 155.5

98 63.4 44.2 82.0

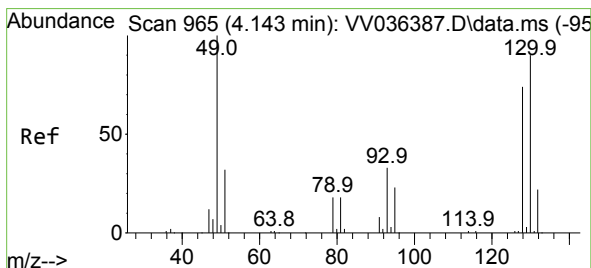
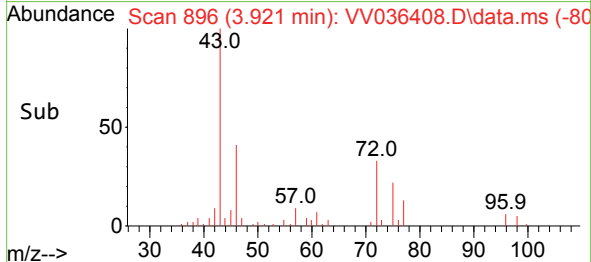
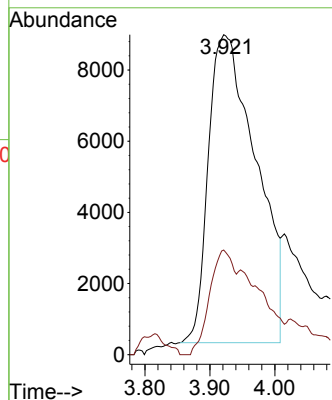
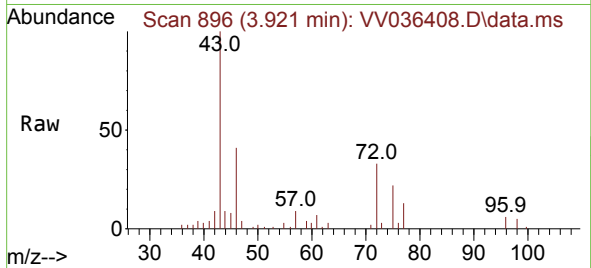




#22
2-Butanone
Concen: 27.461 ug/L
RT: 3.921 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

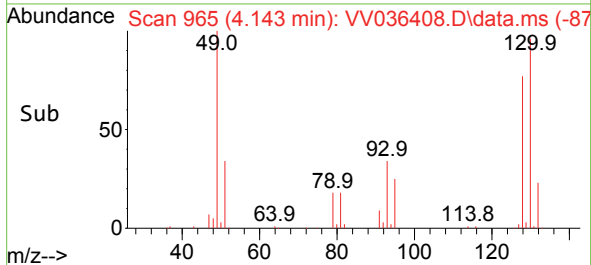
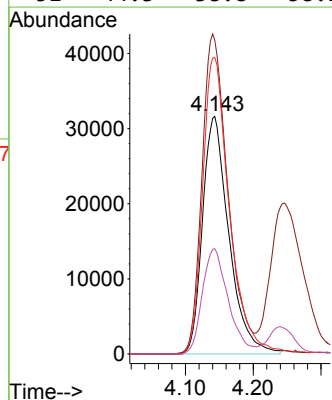
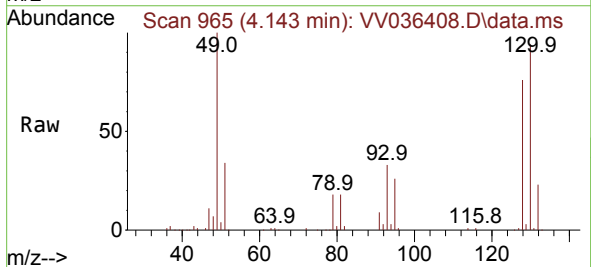
Instrument :
MSVOA_V
ClientSampleId :

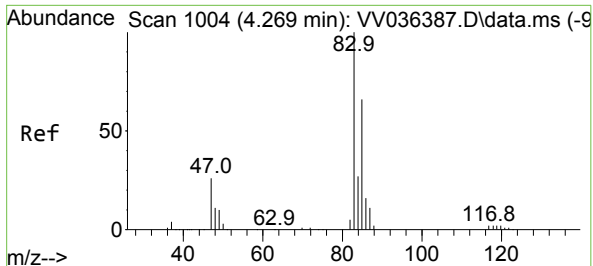
Tgt Ion: 43 Resp: 44219
Ion Ratio Lower Upper
43 100
72 17.3 12.9 38.7



#23
Bromochloromethane
Concen: 29.052 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Tgt Ion: 128 Resp: 85454
Ion Ratio Lower Upper
128 100
49 132.1 99.2 184.2
130 124.8 88.9 165.1
51 44.3 38.8 58.2

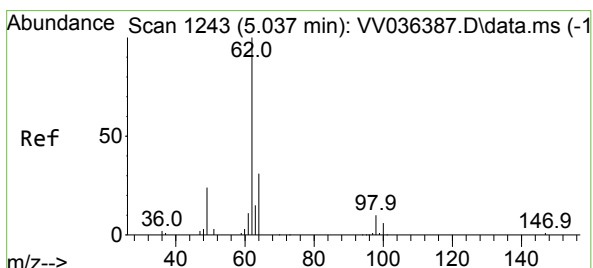
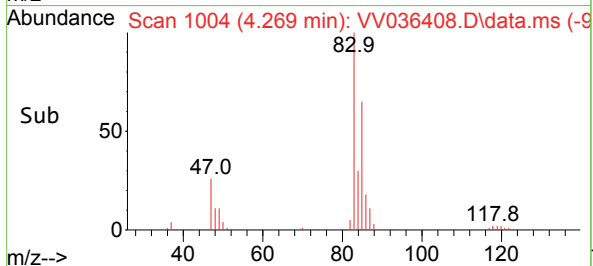
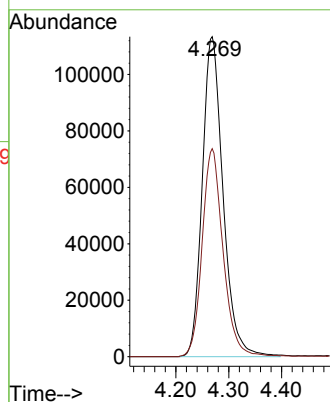
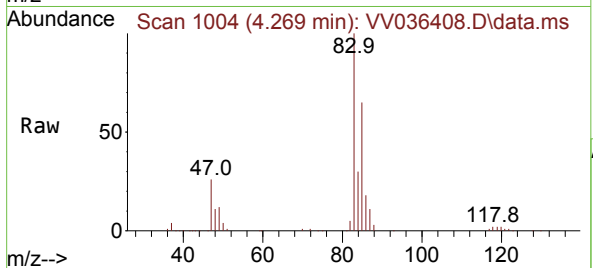




#25
Chloroform
Concen: 29.113 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

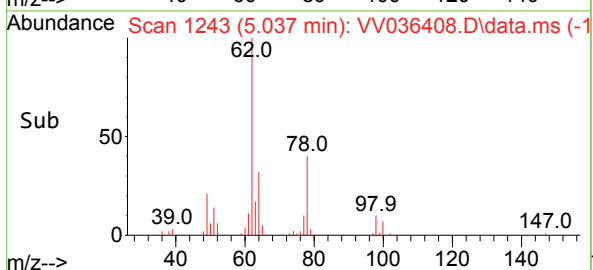
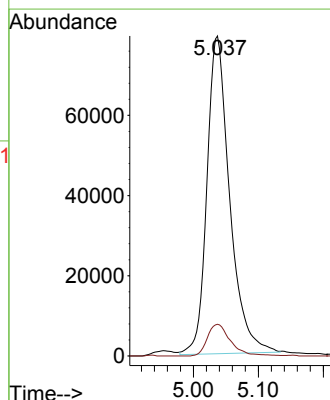
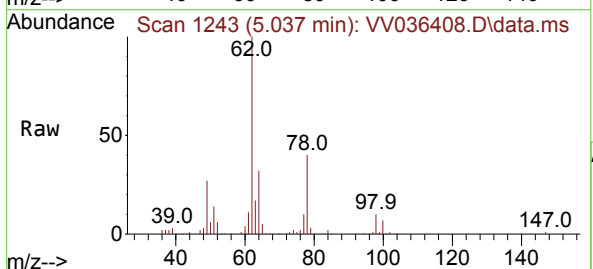
Instrument :
MSVOA_V
ClientSampleId :

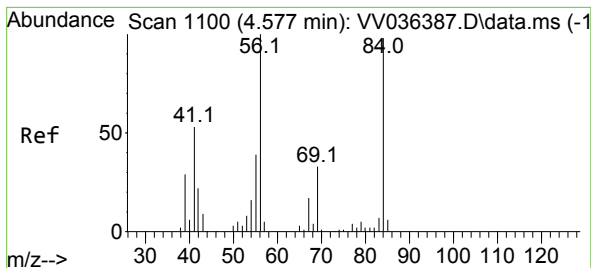
Tgt Ion: 83 Resp: 309646
Ion Ratio Lower Upper
83 100
85 65.0 45.0 83.6



#27
1,2-Dichloroethane
Concen: 28.046 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Tgt Ion: 62 Resp: 193157
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.8





#29

Cyclohexane

Concen: 23.254 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.003 min

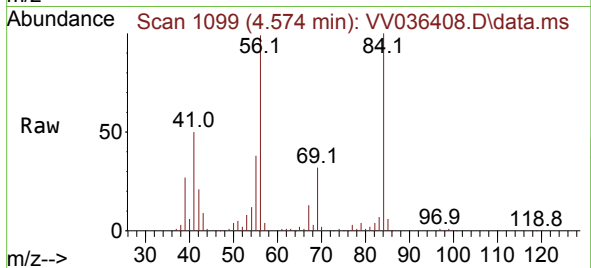
Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

Instrument :

MSVOA_V

ClientSampleId :



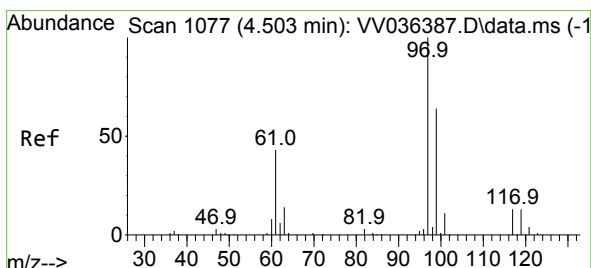
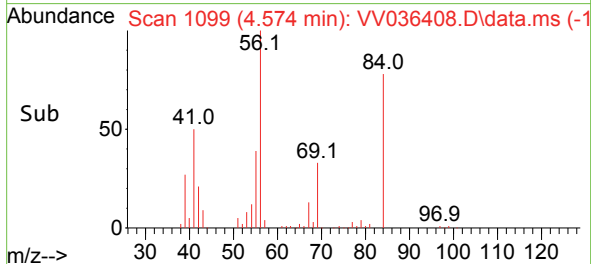
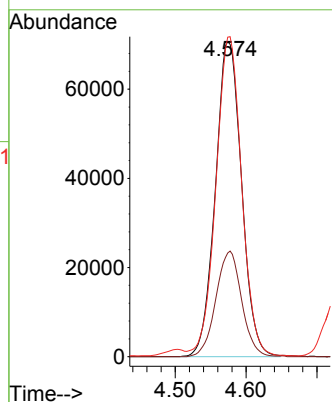
Tgt Ion: 56 Resp: 181422

Ion Ratio Lower Upper

56 100

69 32.9 26.0 39.0

84 98.7 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 26.811 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

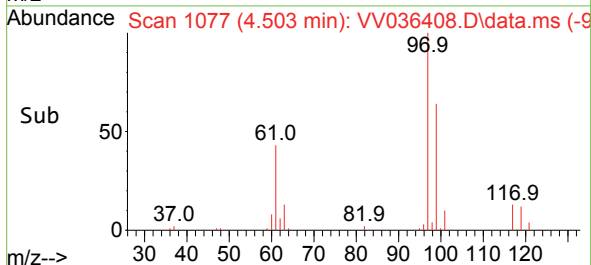
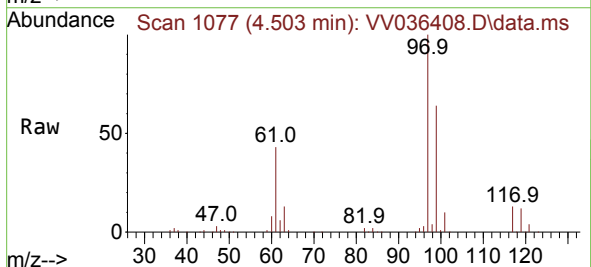
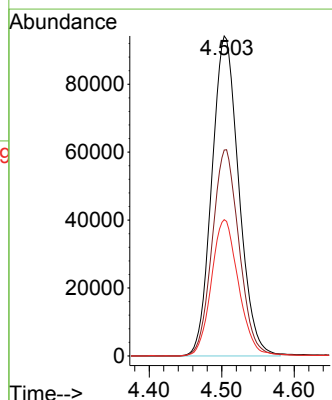
Tgt Ion: 97 Resp: 243444

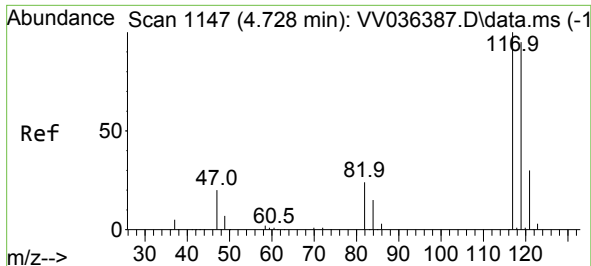
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

61 42.8 34.8 52.2

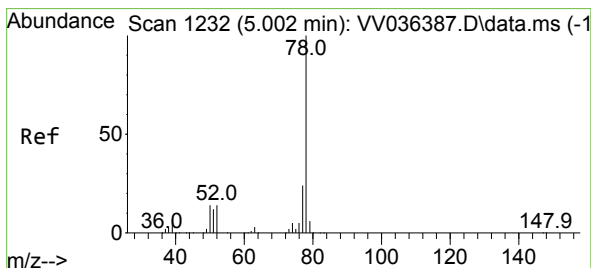
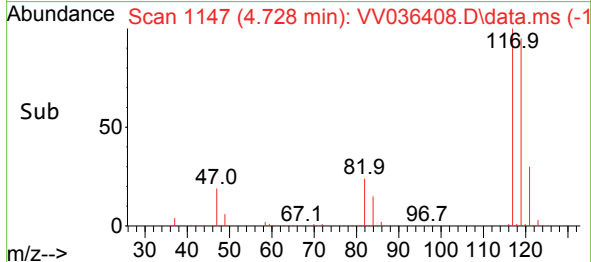
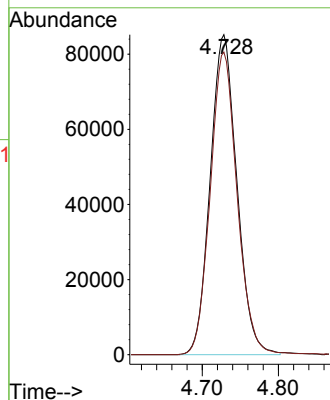
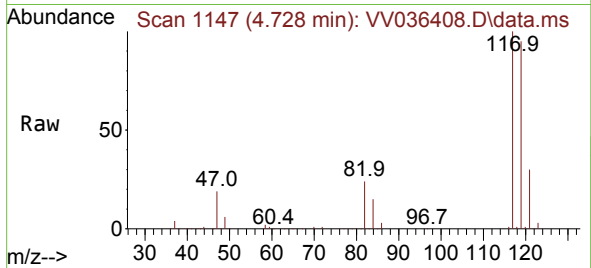




#31
Carbon tetrachloride
Concen: 25.695 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

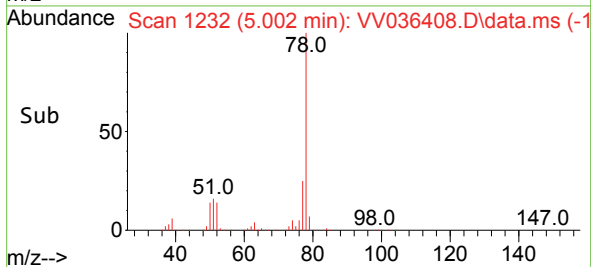
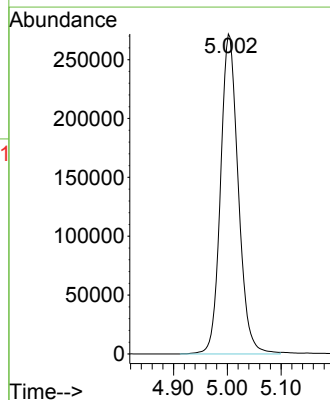
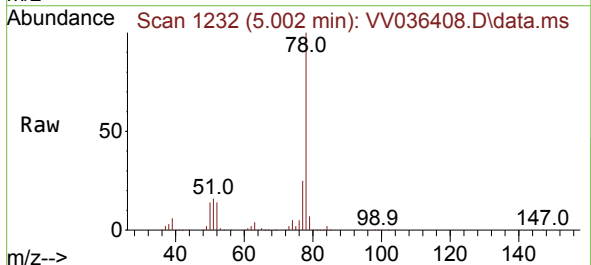
Instrument :
MSVOA_V
ClientSampleId :

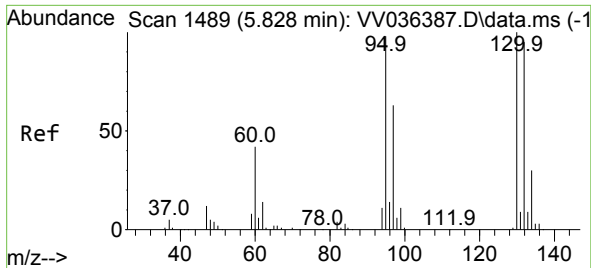
Tgt Ion:117 Resp: 207880
Ion Ratio Lower Upper
117 100
119 95.3 77.2 115.8



#33
Benzene
Concen: 28.670 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

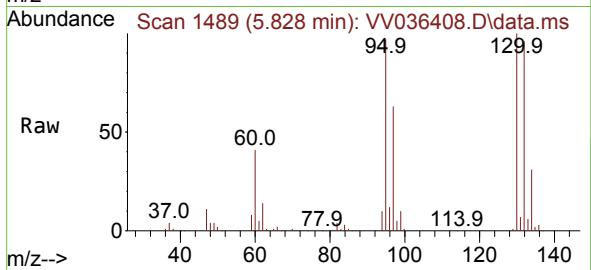
Tgt Ion: 78 Resp: 621849



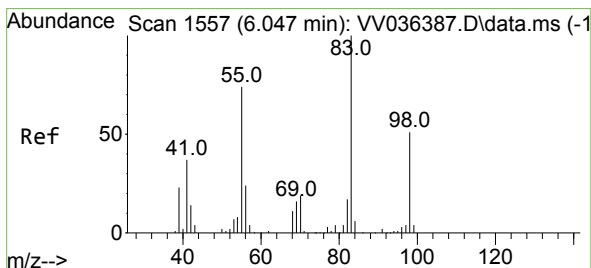
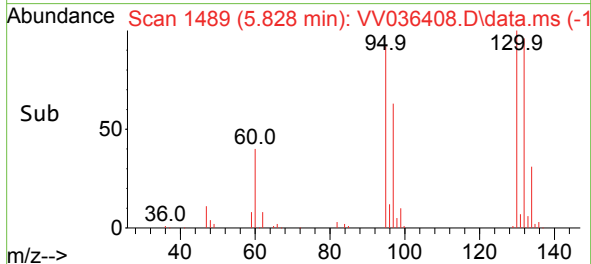
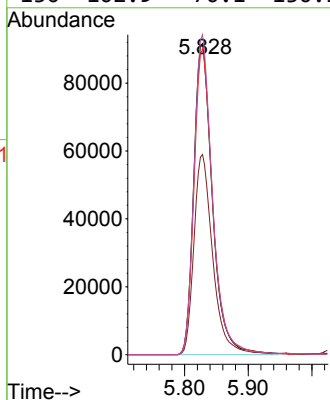


#34
Trichloroethene
Concen: 27.380 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Instrument :
MSVOA_V
ClientSampleId :

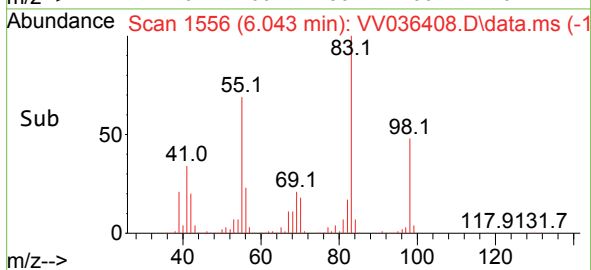
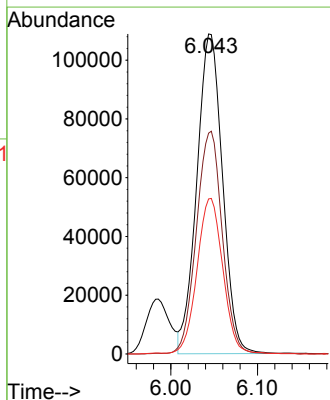
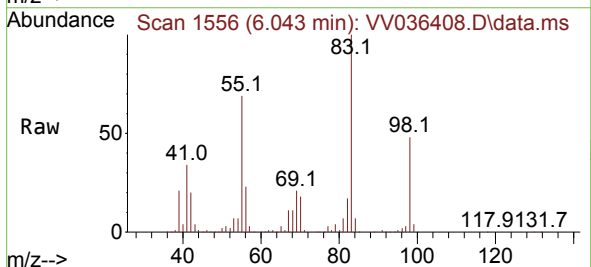


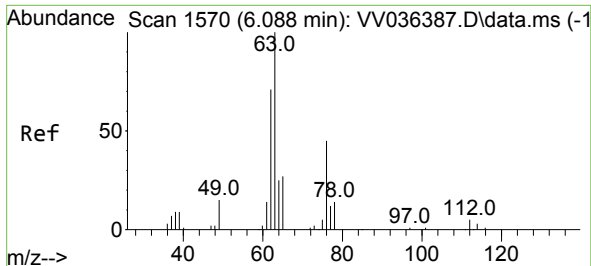
Tgt Ion: 95 Resp: 187403
Ion Ratio Lower Upper
95 100
97 64.4 45.1 83.7
132 98.4 67.7 125.7
130 102.9 70.1 130.1



#35
Methylcyclohexane
Concen: 23.544 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.003 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Tgt Ion: 83 Resp: 224580
Ion Ratio Lower Upper
83 100
55 69.9 56.0 84.0
98 48.9 39.0 58.6





#37

1,2-Dichloropropane

Concen: 29.149 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

Instrument :

MSVOA_V

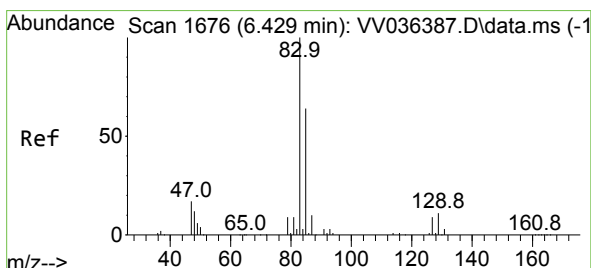
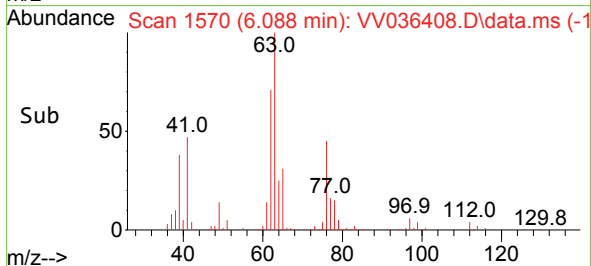
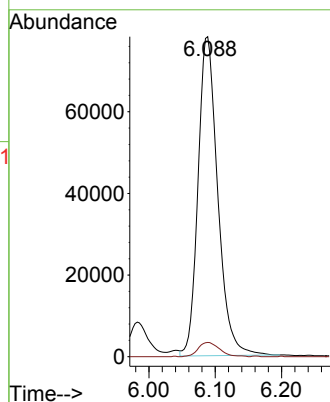
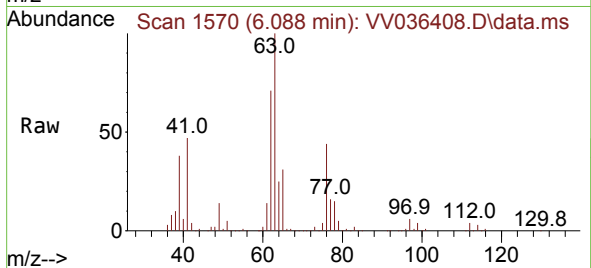
ClientSampleId :

Tgt Ion: 63 Resp: 161470

Ion Ratio Lower Upper

63 100

112 4.8 3.4 5.2



#38

Bromodichloromethane

Concen: 29.168 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

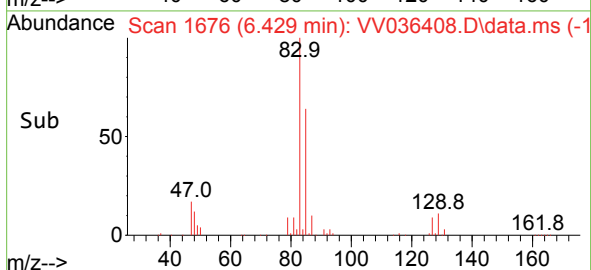
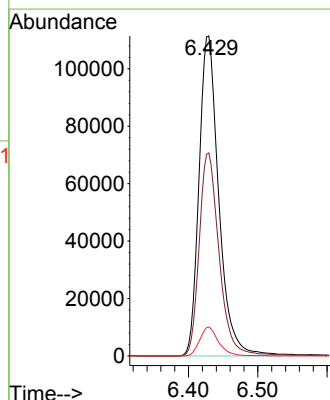
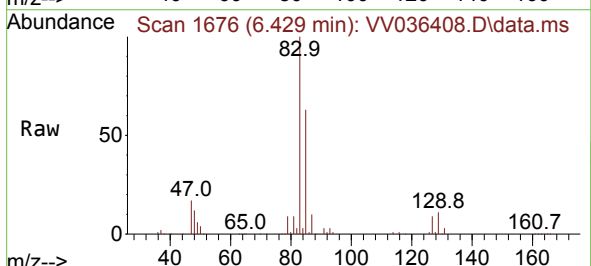
Tgt Ion: 83 Resp: 220985

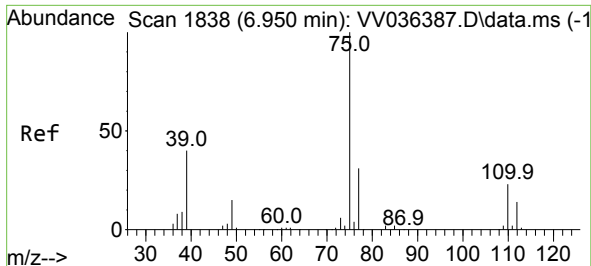
Ion Ratio Lower Upper

83 100

85 63.4 44.9 83.5

127 9.0 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 27.237 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

Instrument :

MSVOA_V

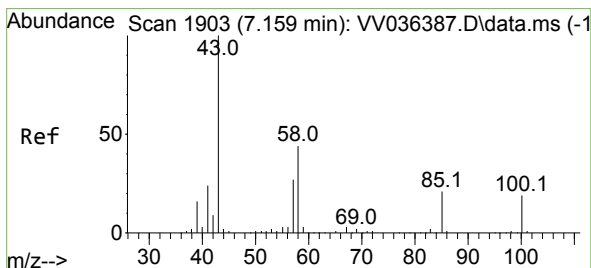
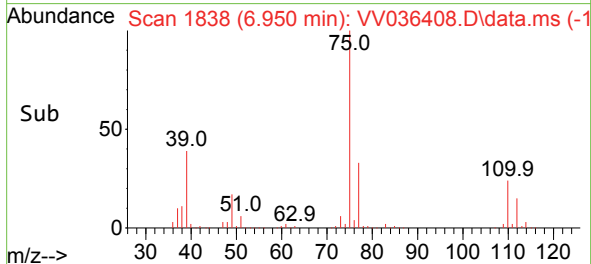
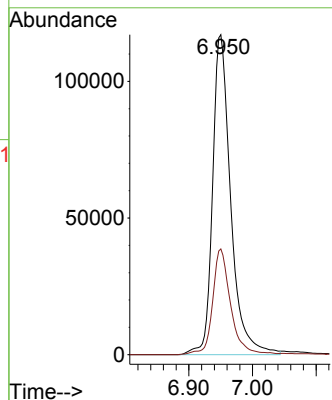
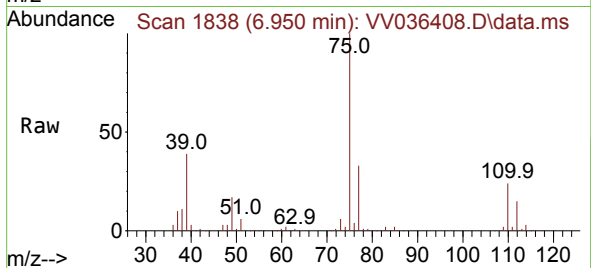
ClientSampleId :

Tgt Ion: 75 Resp: 232000

Ion Ratio Lower Upper

75 100

77 33.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 48.829 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

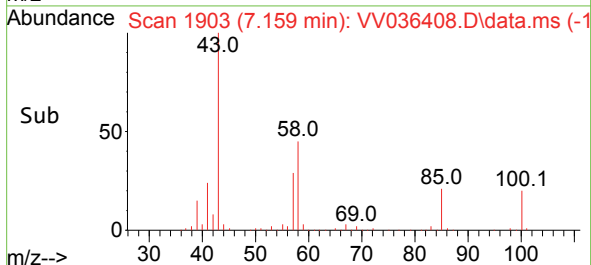
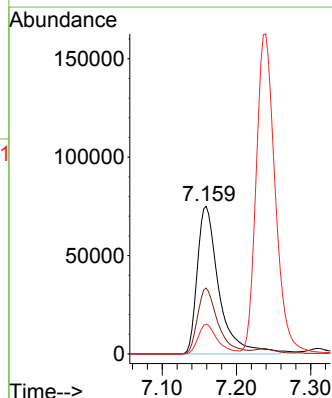
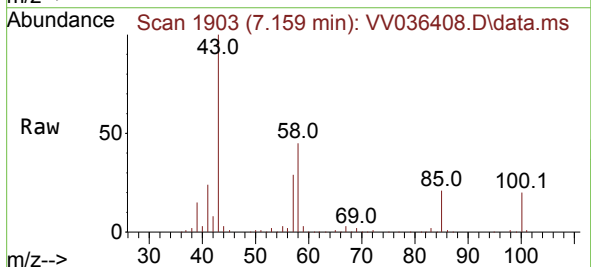
Tgt Ion: 43 Resp: 152544

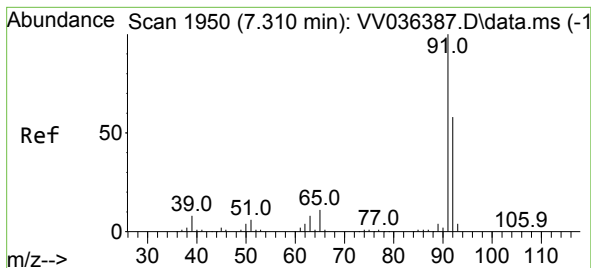
Ion Ratio Lower Upper

43 100

58 42.4 34.8 52.2

100 18.2 14.6 21.8





#42

Toluene

Concen: 29.636 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

Instrument :

MSVOA_V

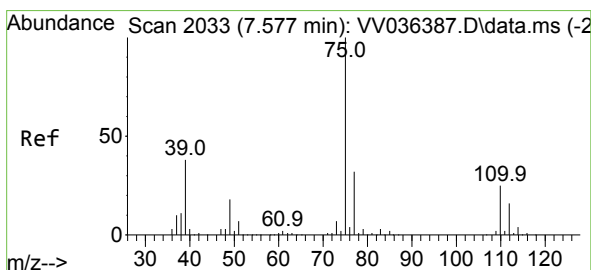
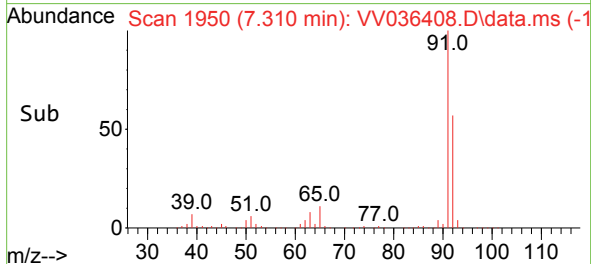
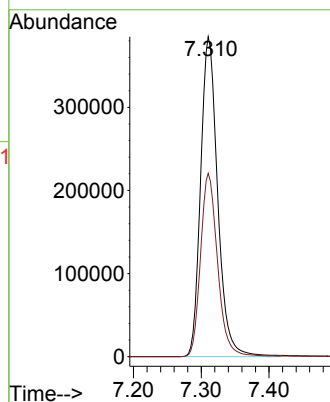
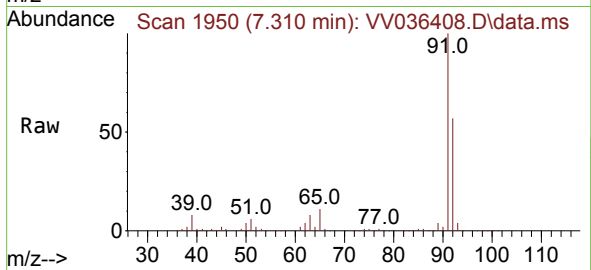
ClientSampleId :

Tgt Ion: 91 Resp: 672121

Ion Ratio Lower Upper

91 100

92 57.3 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 26.525 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036408.D

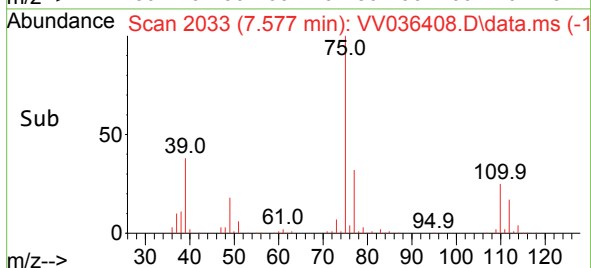
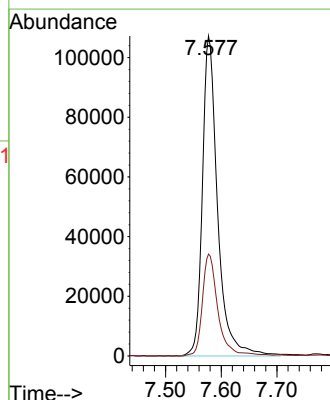
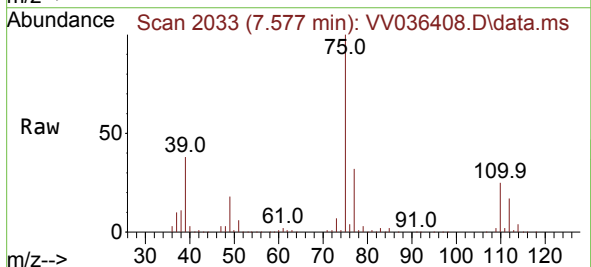
Acq: 02 Jul 2024 04:51

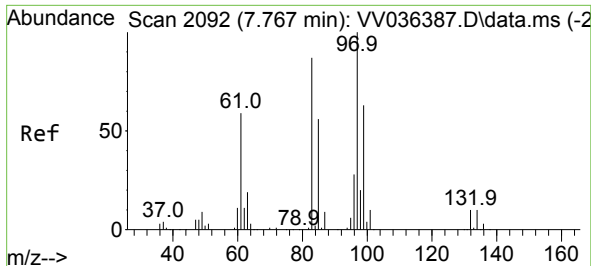
Tgt Ion: 75 Resp: 203217

Ion Ratio Lower Upper

75 100

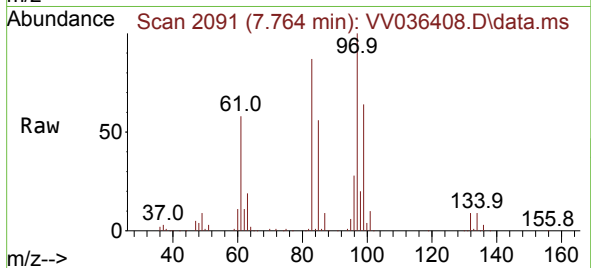
77 31.8 22.5 41.9



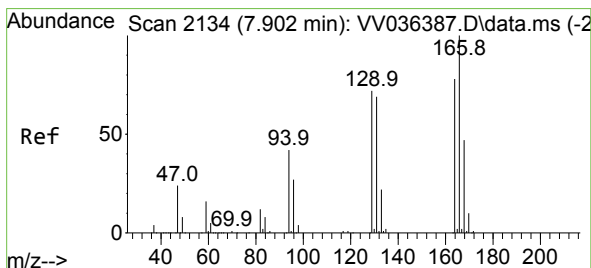
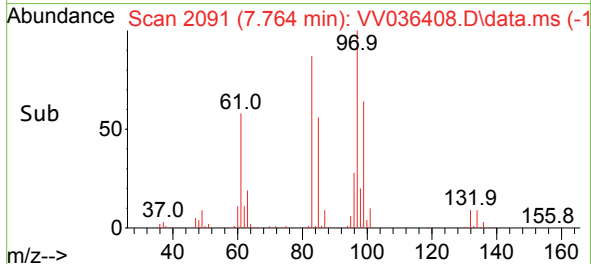
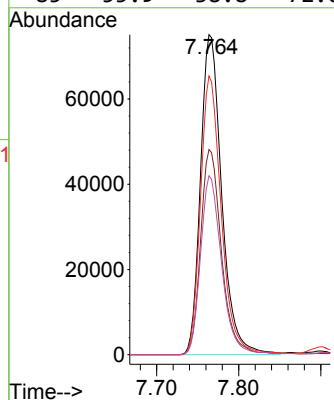


#45
1,1,2-Trichloroethane
Concen: 27.582 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Instrument :
MSVOA_V
ClientSampleId :

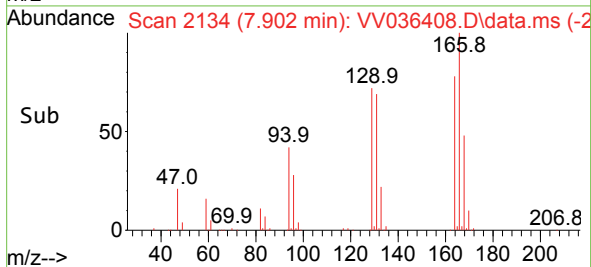
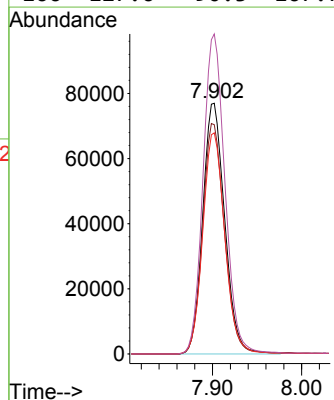
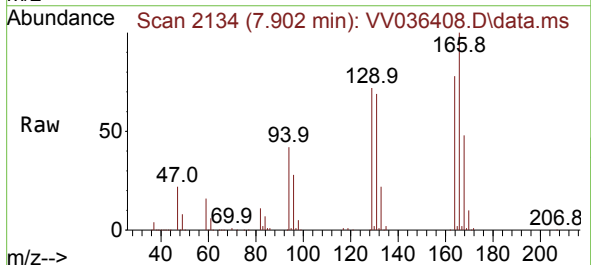


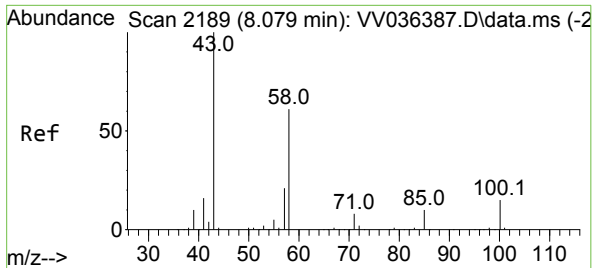
Tgt Ion:	97	Resp:	135045
Ion	Ratio	Lower	Upper
97	100		
99	64.1	43.8	81.3
83	87.1	60.6	112.6
85	55.9	38.8	72.0



#46
Tetrachloroethene
Concen: 26.505 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

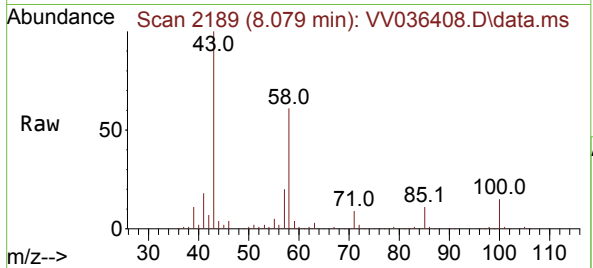
Tgt Ion:	164	Resp:	131845
Ion	Ratio	Lower	Upper
164	100		
129	91.5	65.9	122.5
131	88.2	63.3	117.7
166	127.6	90.3	167.7



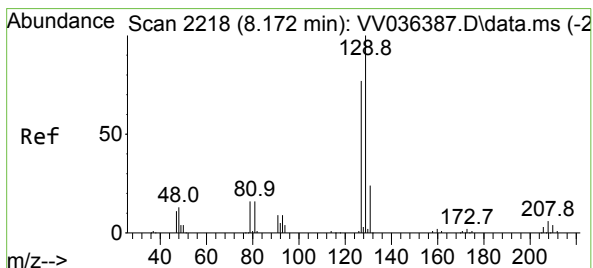
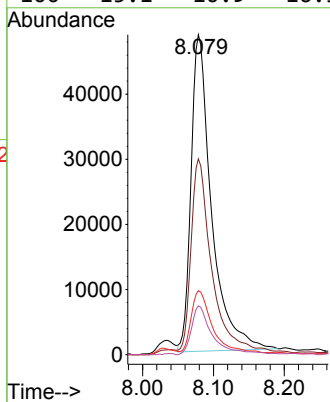
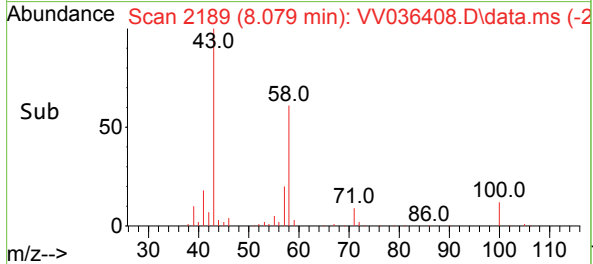


#48
2-Hexanone
Concen: 39.772 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Instrument :
MSVOA_V
ClientSampleId :

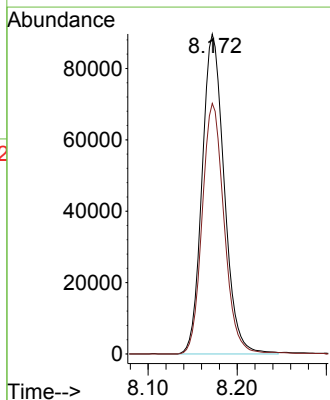
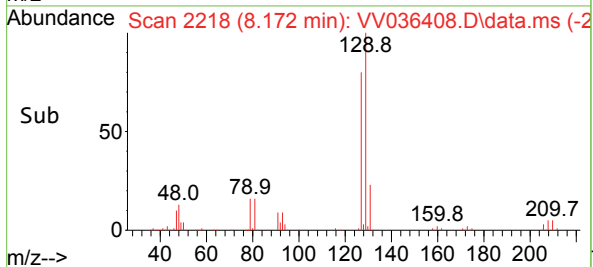
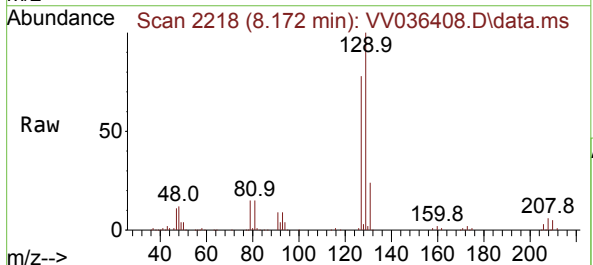


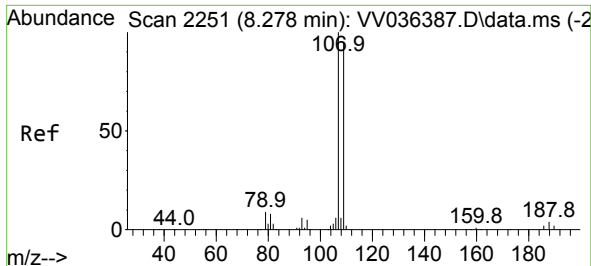
Tgt Ion:	43	58	57	100
Resp:	97732	59.4	19.3	15.1
Ratio	100	48.5	15.8	10.9
Lower		48.5	15.8	10.9
Upper		72.7	23.6	16.3



#49
Dibromochloromethane
Concen: 28.337 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Tgt Ion:	129	127
Resp:	154665	78.3
Ratio	100	54.9
Lower		54.9
Upper		101.9

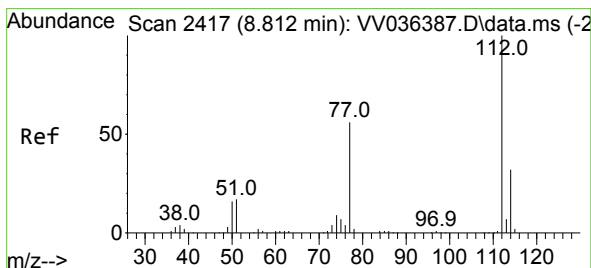
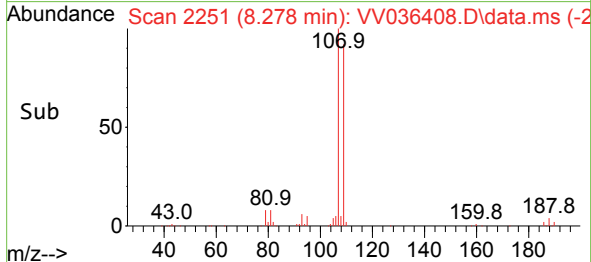
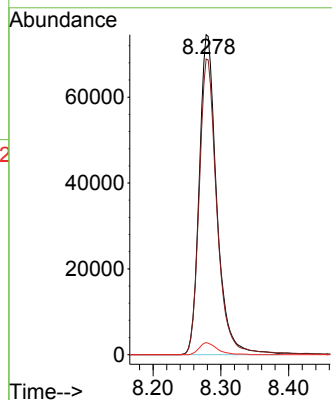
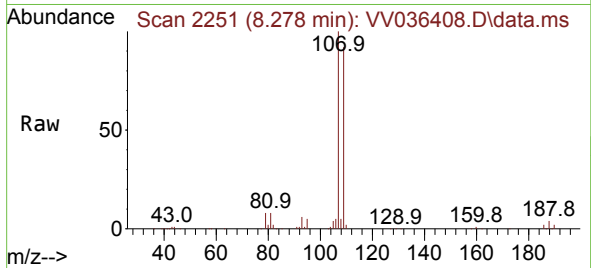




#50
1,2-Dibromoethane
Concen: 27.612 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

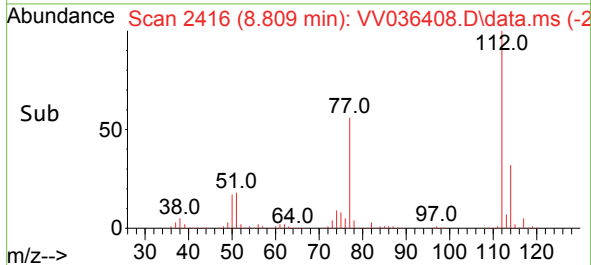
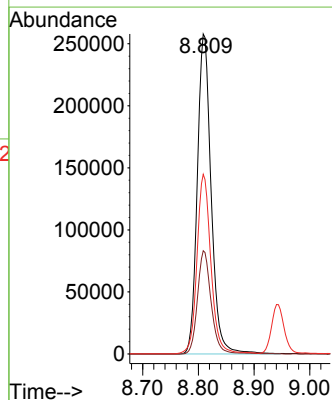
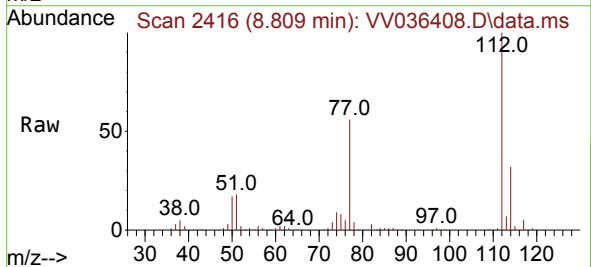
Instrument :
MSVOA_V
ClientSampleId :

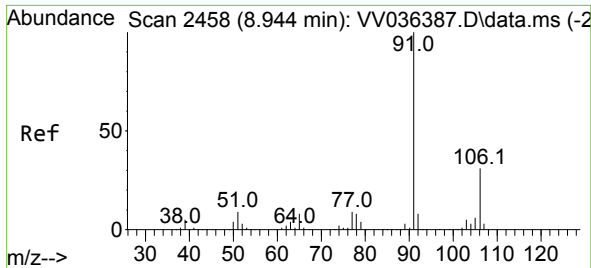
Tgt Ion:107 Resp: 133183
Ion Ratio Lower Upper
107 100
109 92.4 64.7 120.1
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 28.793 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Tgt Ion:112 Resp: 446377
Ion Ratio Lower Upper
112 100
114 32.2 22.8 42.4
77 56.1 46.2 69.2

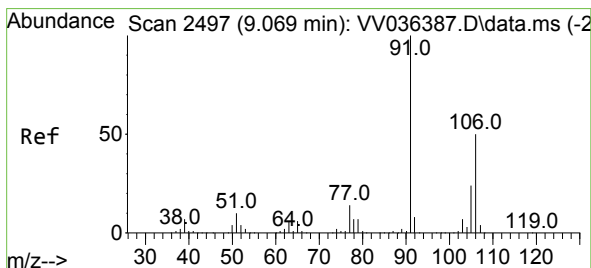
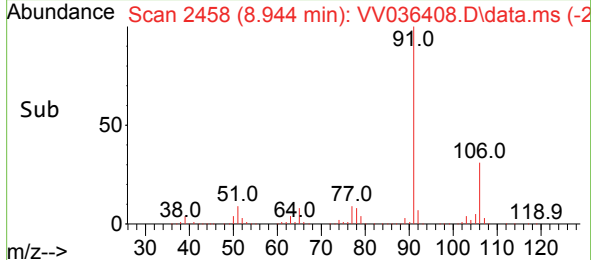
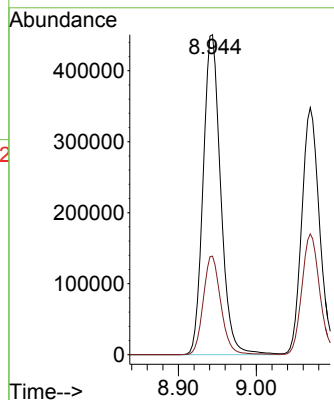
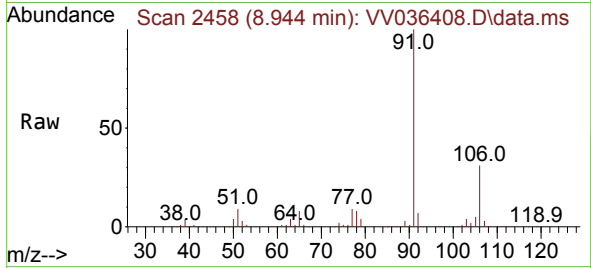




#52
Ethylbenzene
Concen: 28.830 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

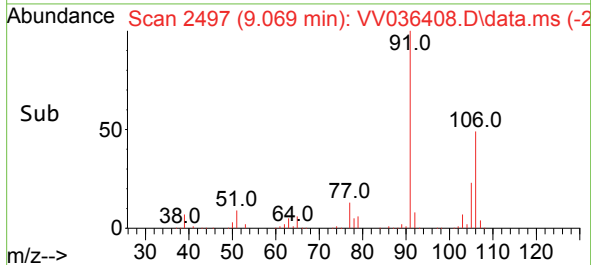
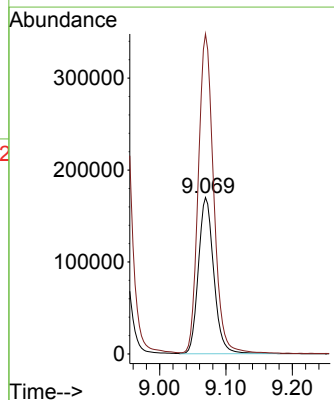
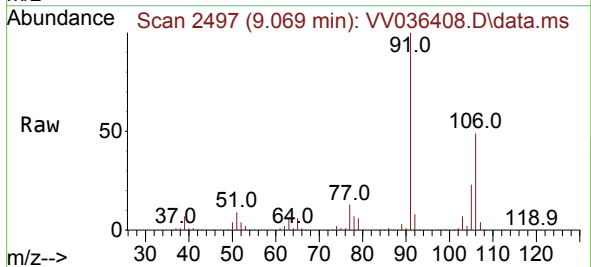
Instrument :
MSVOA_V
ClientSampleId :

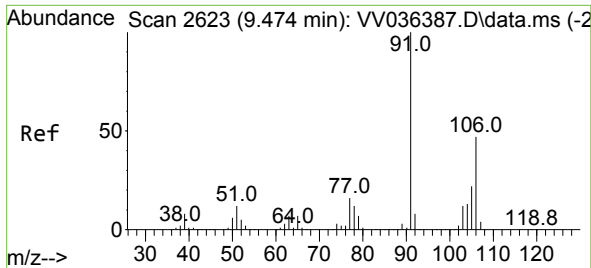
Tgt Ion: 91 Resp: 705593
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.4



#53
m,p-Xylene
Concen: 29.993 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Tgt Ion: 106 Resp: 273585
Ion Ratio Lower Upper
106 100
91 204.5 142.2 264.0

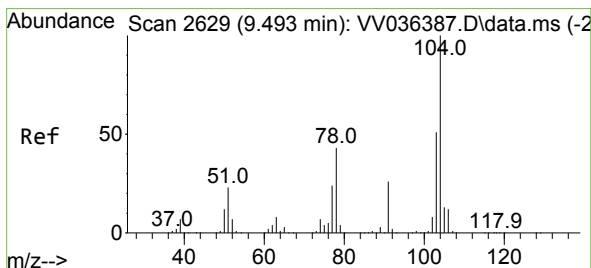
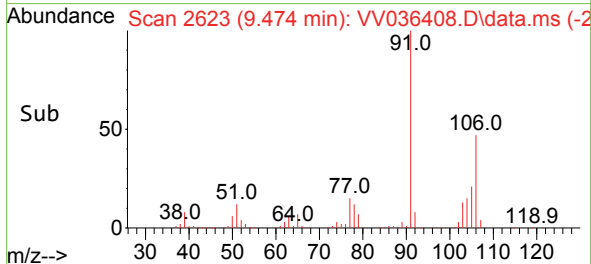
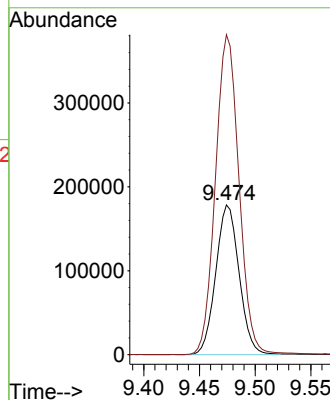
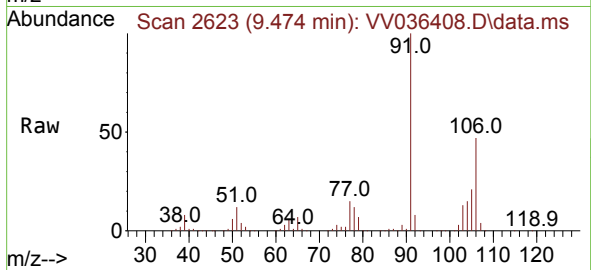




#54
o-Xylene
Concen: 30.359 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

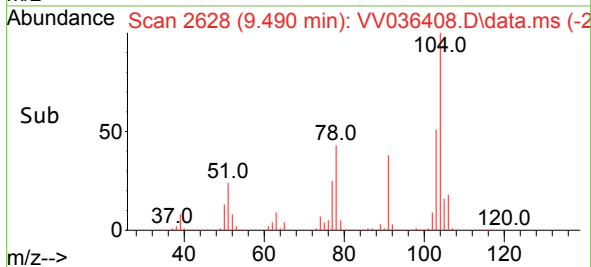
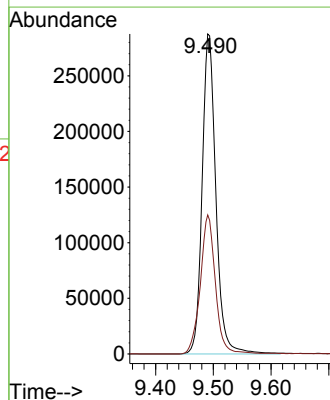
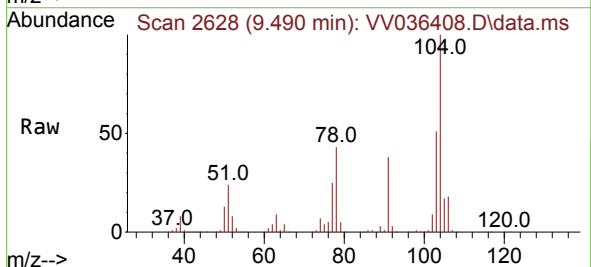
Instrument :
MSVOA_V
ClientSampleId :

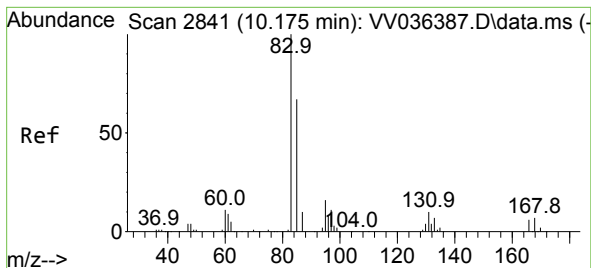
Tgt Ion:106 Resp: 260411
Ion Ratio Lower Upper
106 100
91 213.6 152.7 283.7



#55
Styrene
Concen: 31.620 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Tgt Ion:104 Resp: 475349
Ion Ratio Lower Upper
104 100
78 43.5 30.2 56.2

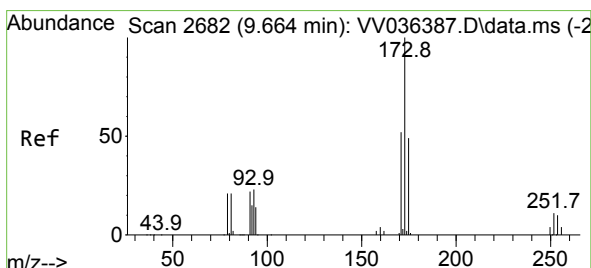
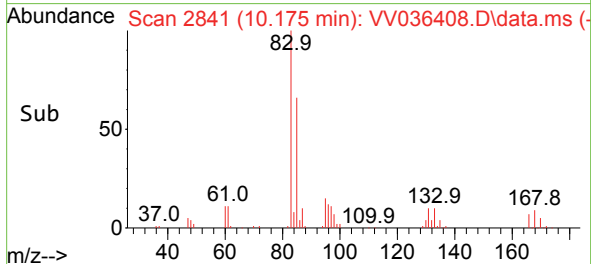
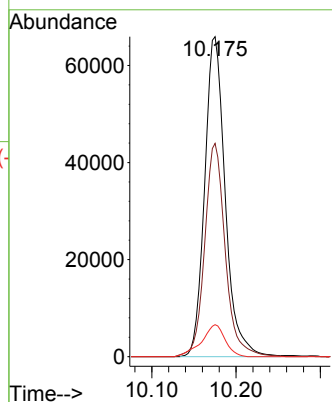
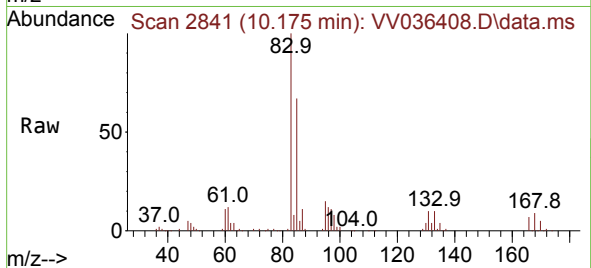




#57
1,1,2,2-Tetrachloroethane
Concen: 25.612 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

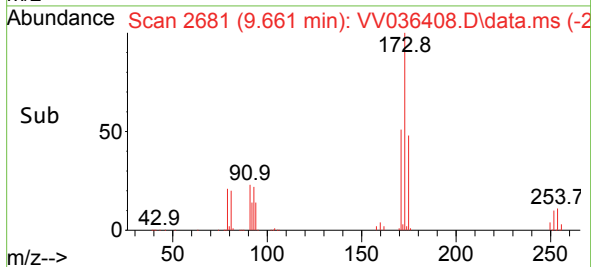
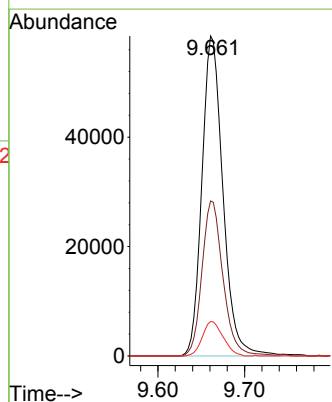
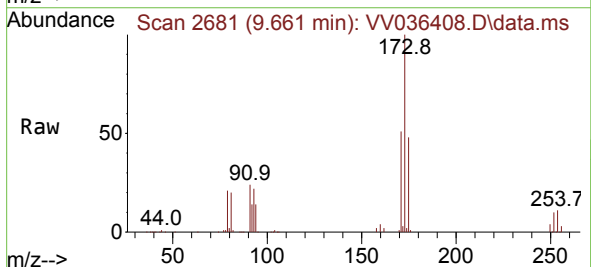
Instrument :
MSVOA_V
ClientSampleId :

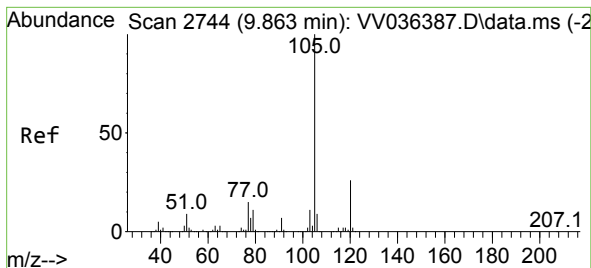
Tgt Ion: 83 Resp: 112233
Ion Ratio Lower Upper
83 100
85 66.6 45.7 84.9
131 10.0 7.8 11.6



#59
Bromoform
Concen: 26.074 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.003 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Tgt Ion: 173 Resp: 98662
Ion Ratio Lower Upper
173 100
175 48.3 38.9 58.3
254 10.6 7.2 10.8





#60

Isopropylbenzene

Concen: 28.391 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.000 min

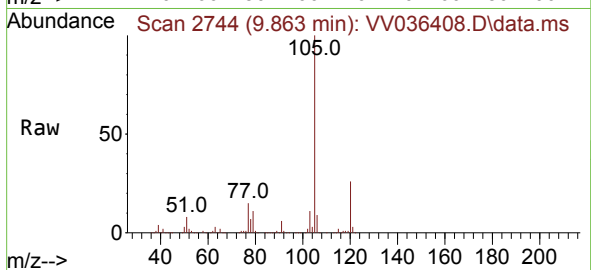
Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

Instrument :

MSVOA_V

ClientSampleId :



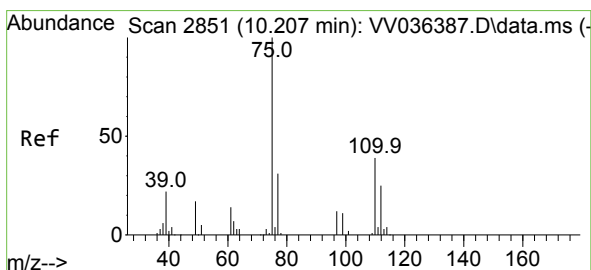
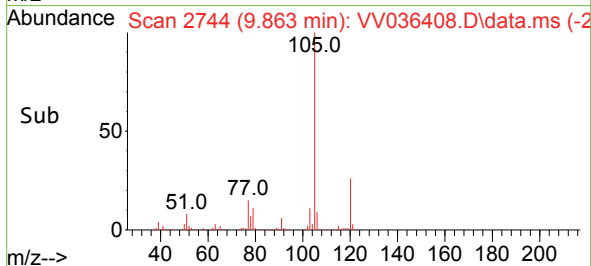
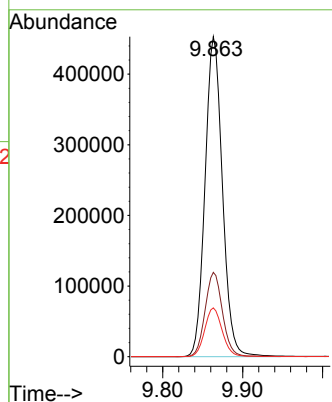
Tgt Ion:105 Resp: 686022

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

77 15.2 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 24.532 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

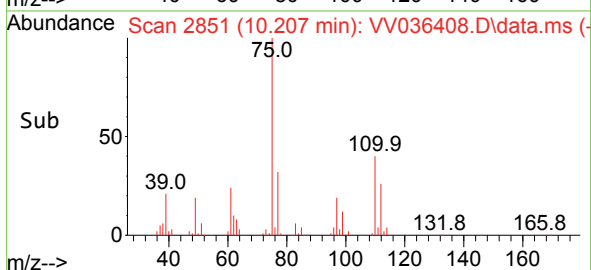
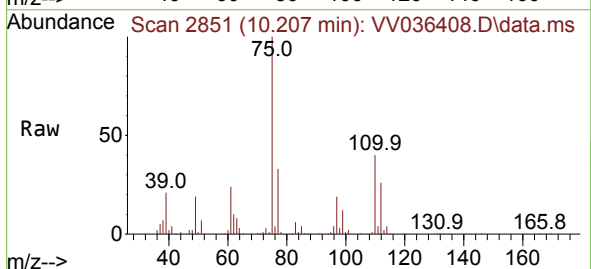
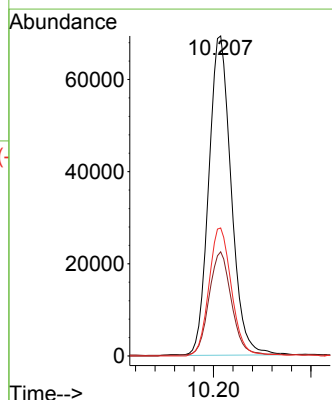
Tgt Ion: 75 Resp: 110668

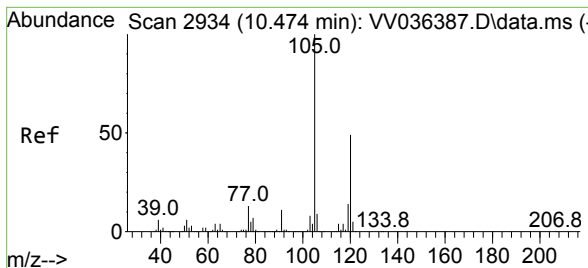
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

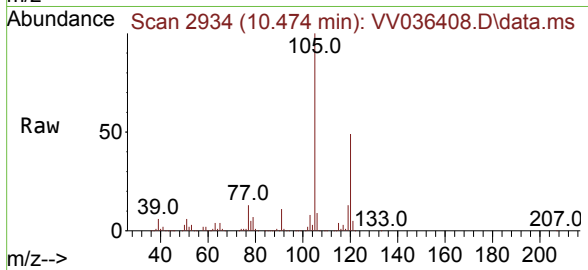
110 40.7 31.7 47.5



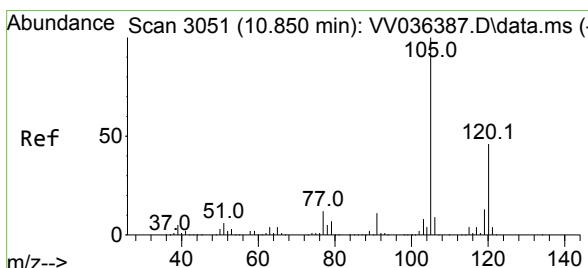
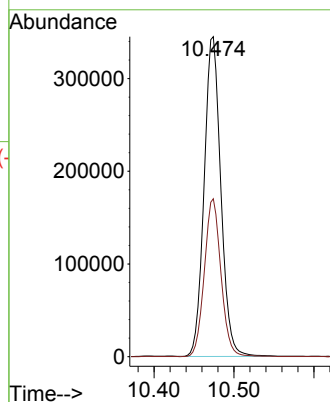
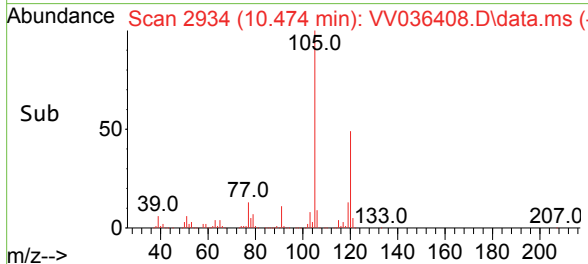


#62
 1,3,5-Trimethylbenzene
 Concen: 29.077 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.000 min
 Lab File: VV036408.D
 Acq: 02 Jul 2024 04:51

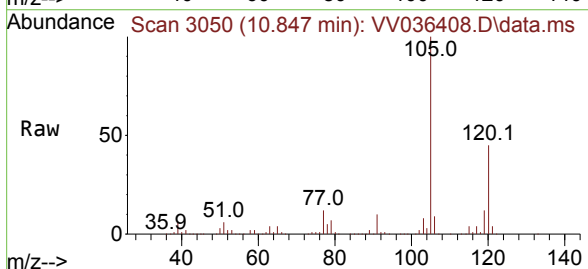
Instrument :
 MSVOA_V
 ClientSampleId :



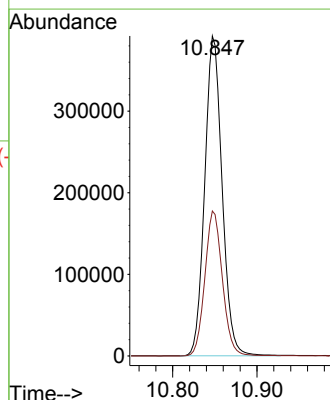
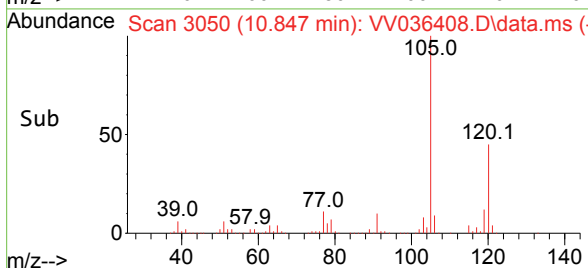
Tgt Ion:105 Resp: 502824
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.1 58.7

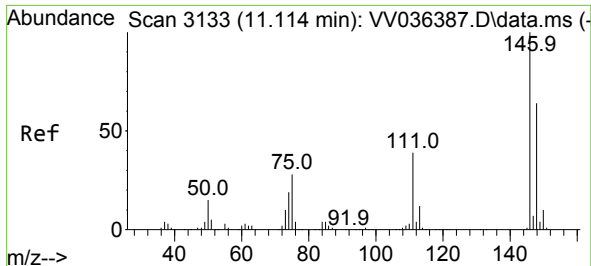


#63
 1,2,4-Trimethylbenzene
 Concen: 30.038 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. -0.003 min
 Lab File: VV036408.D
 Acq: 02 Jul 2024 04:51



Tgt Ion:105 Resp: 564461
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.2 54.4

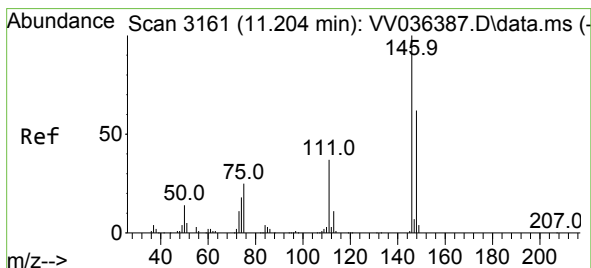
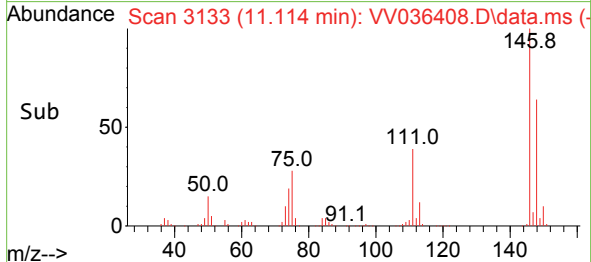
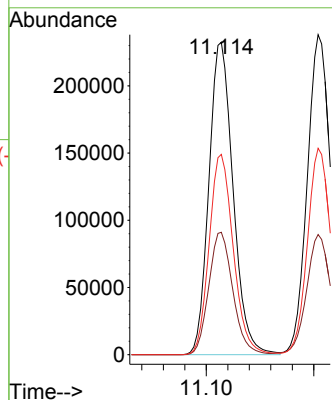
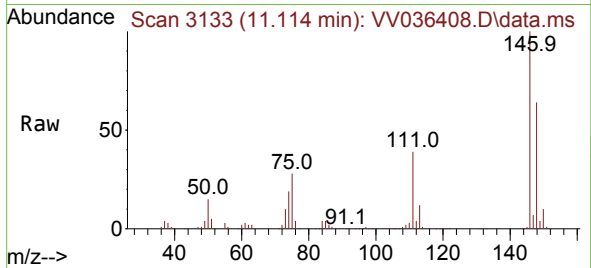




#64
1,3-Dichlorobenzene
Concen: 28.833 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

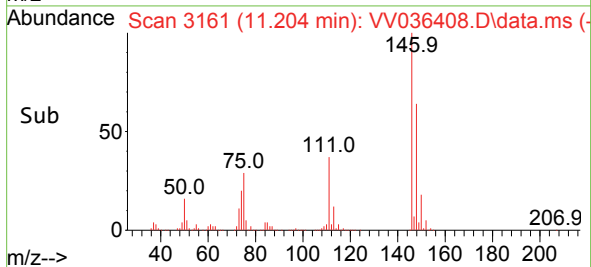
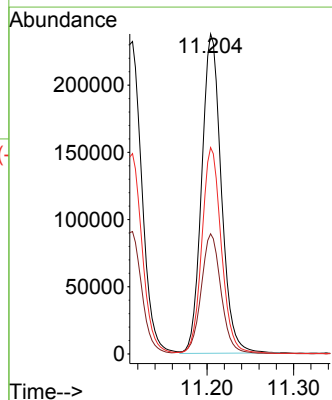
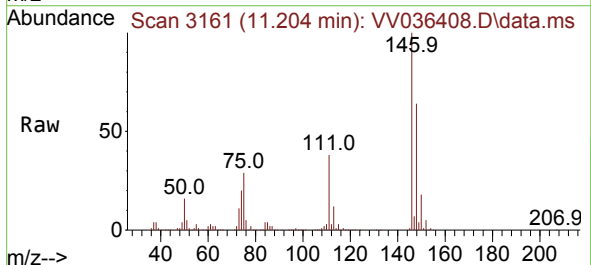
Instrument :
MSVOA_V
ClientSampleId :

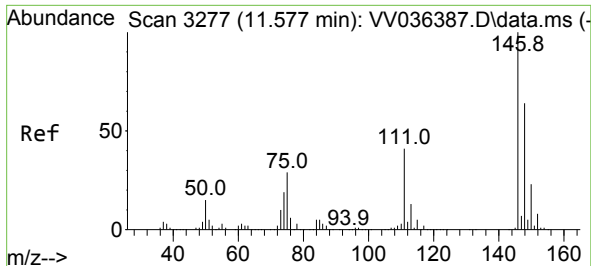
Tgt Ion:146 Resp: 363041
Ion Ratio Lower Upper
146 100
111 39.1 27.5 51.1
148 64.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 27.641 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV036408.D
Acq: 02 Jul 2024 04:51

Tgt Ion:146 Resp: 373060
Ion Ratio Lower Upper
146 100
111 37.6 27.5 51.1
148 64.5 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 28.412 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

Instrument :

MSVOA_V

ClientSampleId :

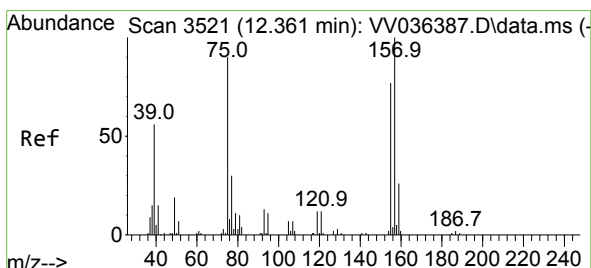
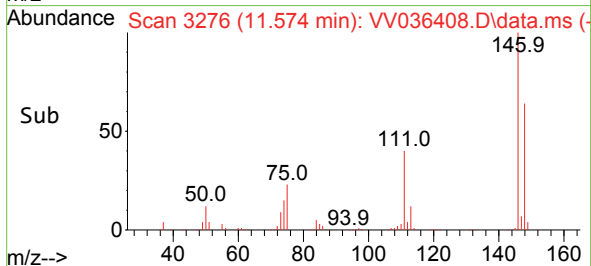
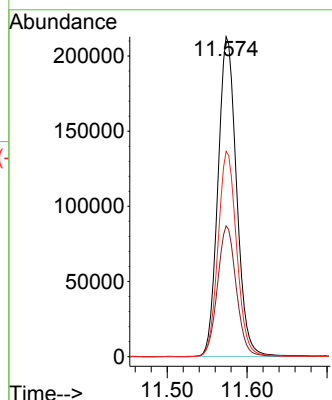
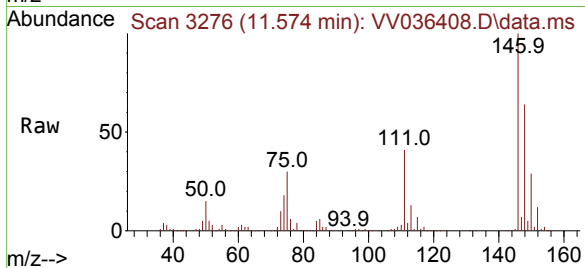
Tgt Ion:146 Resp: 341528

Ion Ratio Lower Upper

146 100

111 40.8 33.3 49.9

148 64.2 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 23.488 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

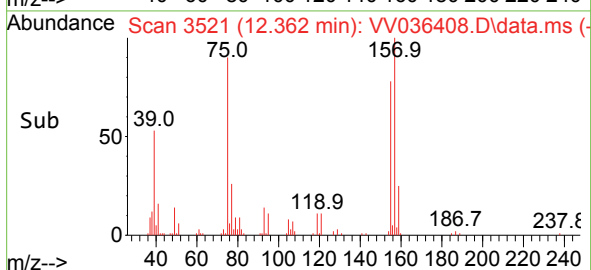
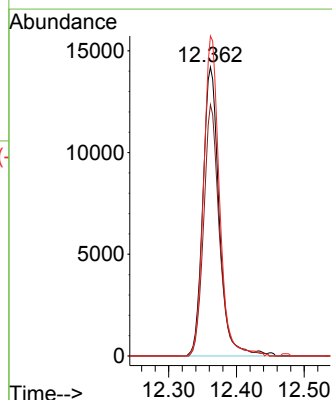
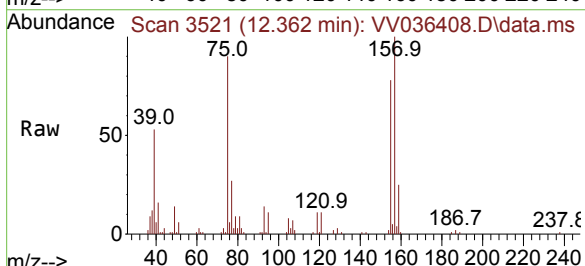
Tgt Ion: 75 Resp: 23771

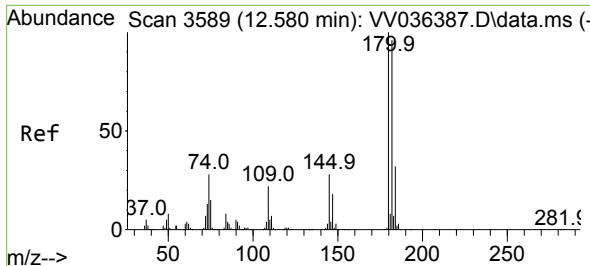
Ion Ratio Lower Upper

75 100

155 87.0 68.3 102.5

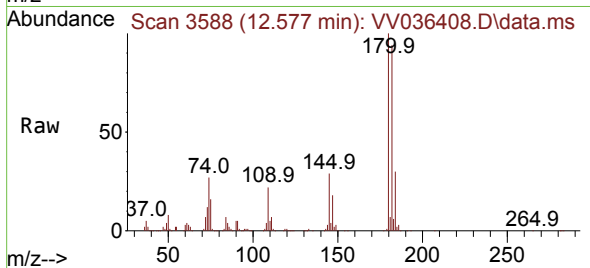
157 110.8 95.7 143.5



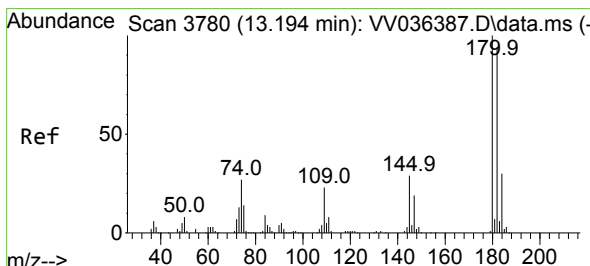
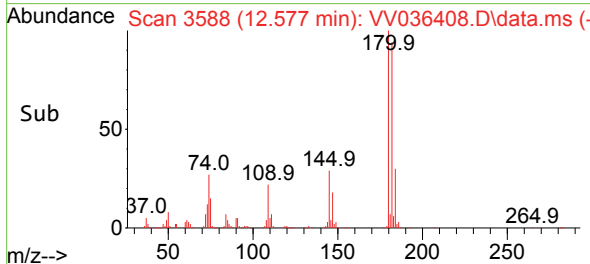
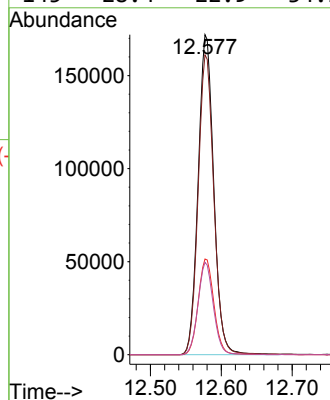


#69
 1,3,5-Trichlorobenzene
 Concen: 27.639 ug/L
 RT: 12.577 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV036408.D
 Acq: 02 Jul 2024 04:51

Instrument :
 MSVOA_V
 ClientSampleId :

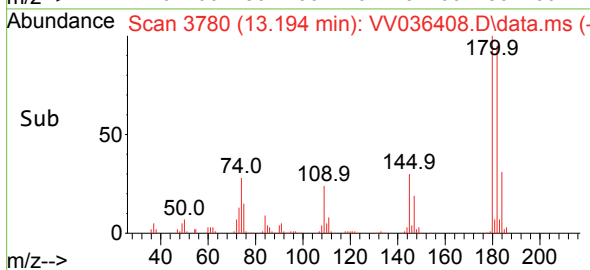
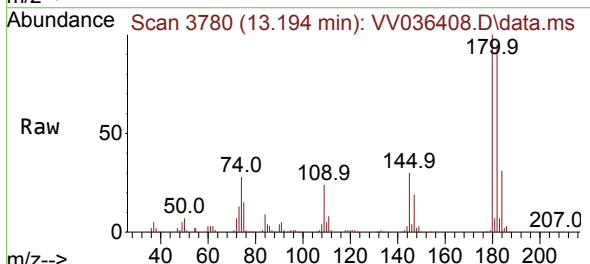
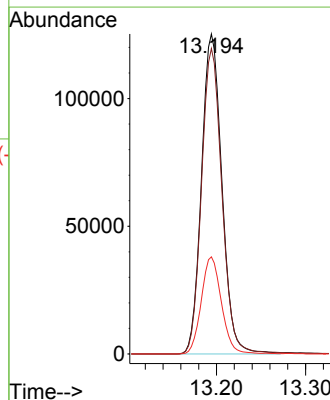


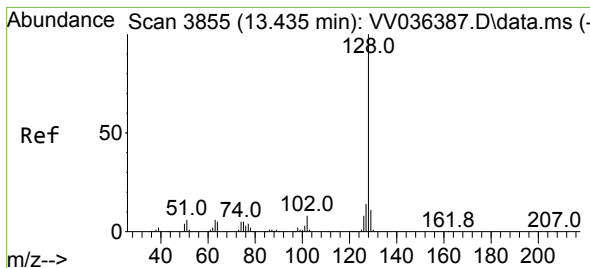
Tgt Ion:180 Resp: 262043
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.2 114.4
 184 30.1 23.3 34.9
 145 28.4 22.9 34.3



#70
 1,2,4-trichlorobenzene
 Concen: 26.350 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. 0.000 min
 Lab File: VV036408.D
 Acq: 02 Jul 2024 04:51

Tgt Ion:180 Resp: 199218
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.1 114.1
 145 29.9 23.8 35.8





#71

Naphthalene

Concen: 24.644 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

Instrument :

MSVOA_V

ClientSampleId :

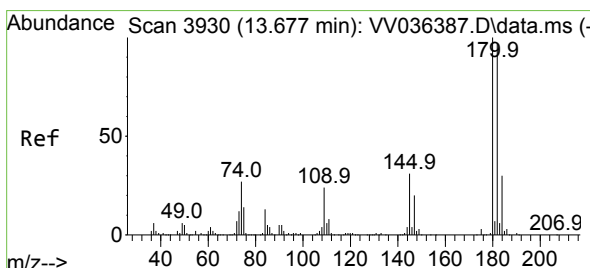
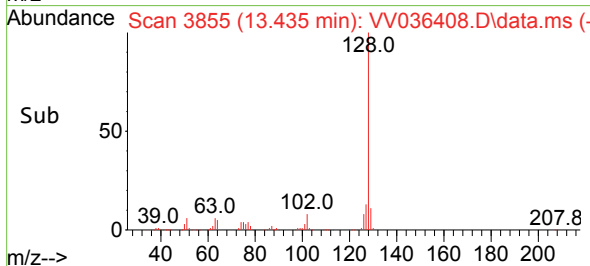
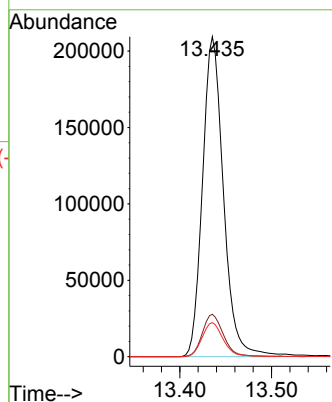
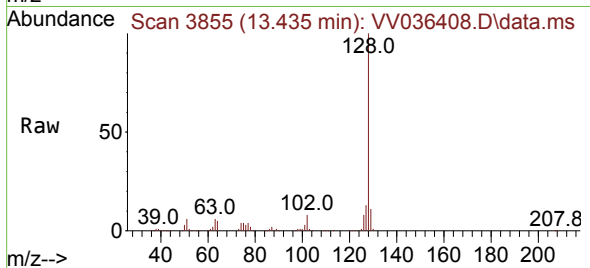
Tgt Ion:128 Resp: 332208

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 26.972 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036408.D

Acq: 02 Jul 2024 04:51

Tgt Ion:180 Resp: 191760

Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

145 30.7 25.0 37.4

