

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070224\
 Data File : VW036410.D
 Acq On : 02 Jul 2024 10:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 05:02:29 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	379153	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	373672	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	195853	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	137003	21.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.120%
7) Chloroethane-d5	1.529	69	112683	21.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.640%
11) 1,1-Dichloroethene-d2	2.050	65	62213	20.552	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.200%
21) 2-Butanone-d5	3.841	46	27471	18.382	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.760%
24) Chloroform-d	4.240	84	255437	22.824	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.280%
26) 1,2-Dichloroethane-d4	4.937	65	133714	22.404	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	4.953	84	485324	23.008	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.040%
36) 1,2-Dichloropropane-d6	5.982	67	146674	23.117	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.480%
41) Toluene-d8	7.236	98	443752	23.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.320%
43) trans-1,3-Dichloroprop...	7.551	79	63745	22.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.000%
47) 2-Hexanone-d5	8.030	63	43197	42.651	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.300%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	111303	21.400	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	159160	22.300	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	144254	20.025	ug/L	99
3) Chloromethane	1.211	50	136794	20.978	ug/L	99
5) Vinyl chloride	1.278	62	153670	20.408	ug/L	100
6) Bromomethane	1.484	94	105487	20.829	ug/L	100
8) Chloroethane	1.545	64	95283	20.532	ug/L	99
9) Trichlorofluoromethane	1.709	101	214446	19.941	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	135512	20.089	ug/L	99
12) 1,1-Dichloroethene	2.063	96	122628	20.533	ug/L	97
13) Acetone	2.388	43	44912	22.244	ug/L	100
14) Carbon disulfide	2.233	76	380792	20.209	ug/L	100
15) Methyl Acetate	2.388	43	49313	18.980	ug/L	93
16) Methylene chloride	2.439	84	139729	18.719	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	124712	21.032	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	273716	19.830	ug/L	99
19) 1,1-Dichloroethane	3.105	63	220886	20.951	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	125223	20.997	ug/L	99
22) 2-Butanone	3.908	43	39683	23.309	ug/L	97
23) Bromochloromethane	4.140	128	63703	20.485	ug/L	98
25) Chloroform	4.269	83	236397	21.022	ug/L	99

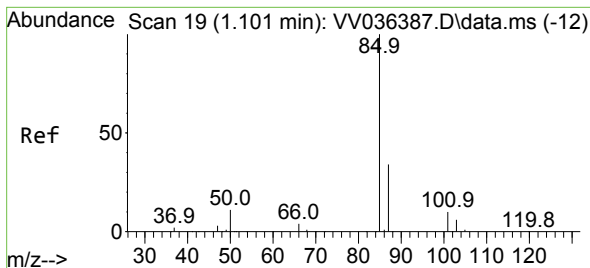
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070224\
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 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	147042	20.194	ug/L	99
29) Cyclohexane	4.574	56	166213	20.879	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	202258	21.830	ug/L	100
31) Carbon tetrachloride	4.725	117	179168	21.703	ug/L	99
33) Benzene	5.002	78	486105	21.964	ug/L	100
34) Trichloroethene	5.825	95	147907	21.178	ug/L	96
35) Methylcyclohexane	6.043	83	207825	21.352	ug/L	100
37) 1,2-Dichloropropane	6.088	63	119255	21.098	ug/L	98
38) Bromodichloromethane	6.429	83	165871	21.456	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	188653	21.705	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	122228	38.342	ug/L	99
42) Toluene	7.310	91	526200	22.738	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	163629	20.931	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	103686	20.753	ug/L	98
46) Tetrachloroethene	7.899	164	110385	21.747	ug/L	98
48) 2-Hexanone	8.079	43	97012	38.689	ug/L	98
49) Dibromochloromethane	8.172	129	115882	20.807	ug/L	100
50) 1,2-Dibromoethane	8.278	107	100750	20.470	ug/L	95
51) Chlorobenzene	8.809	112	342038	21.622	ug/L	98
52) Ethylbenzene	8.944	91	552068	22.106	ug/L	99
53) m,p-Xylene	9.069	106	212382	22.818	ug/L	99
54) o-Xylene	9.474	106	198885	22.722	ug/L	99
55) Styrene	9.490	104	363225	23.678	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	88436	19.778	ug/L	97
59) Bromoform	9.661	173	75739	20.429	ug/L	99
60) Isopropylbenzene	9.863	105	549229	23.199	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	88182	19.951	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	384514	22.694	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	423179	22.984	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	273690	22.185	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	283734	21.456	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	252068	21.403	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	20106	20.276	ug/L	93
69) 1,3,5-Trichlorobenzene	12.577	180	199814	21.510	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	158046	21.335	ug/L	98
71) Naphthalene	13.435	128	282384	21.380	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	154226	22.141	ug/L	99

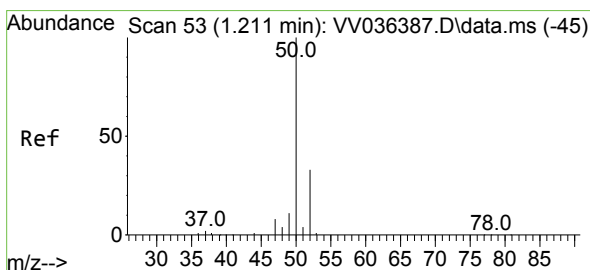
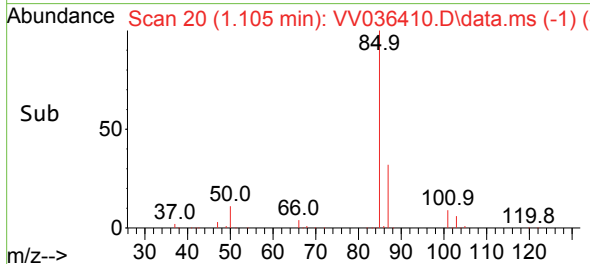
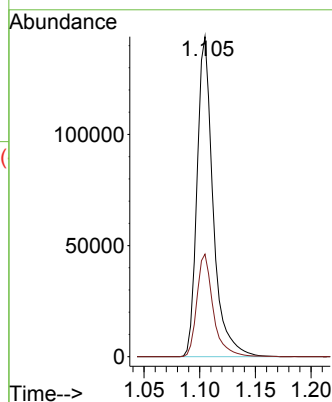
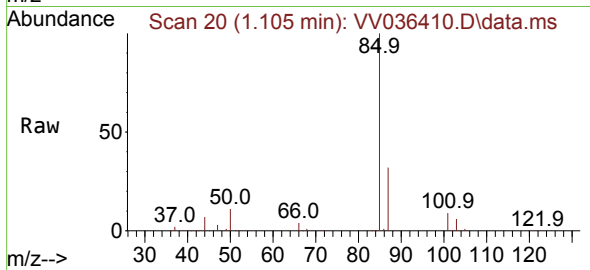
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#2
Dichlorodifluoromethane
Concen: 20.025 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

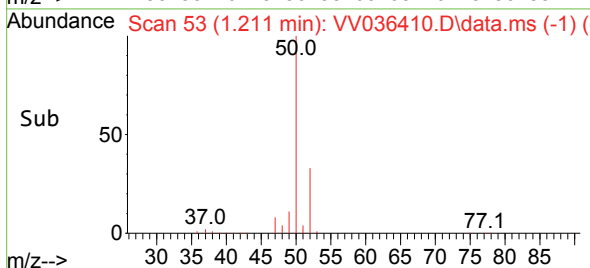
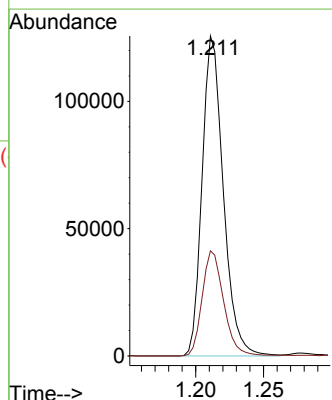
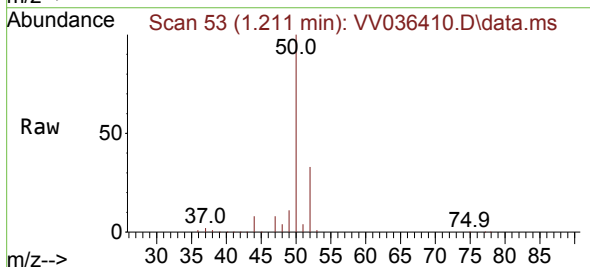
Instrument :
MSVOA_V
ClientSampleId :

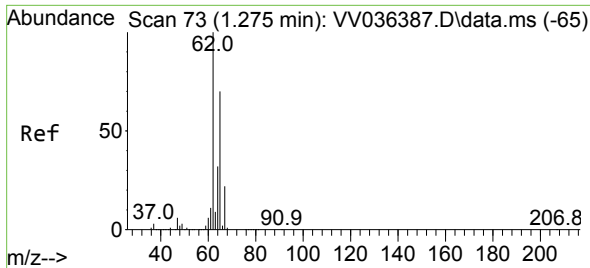
Tgt Ion: 85 Resp: 144254
Ion Ratio Lower Upper
85 100
87 32.7 25.9 38.9



#3
Chloromethane
Concen: 20.978 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion: 50 Resp: 136794
Ion Ratio Lower Upper
50 100
52 32.9 23.5 43.7

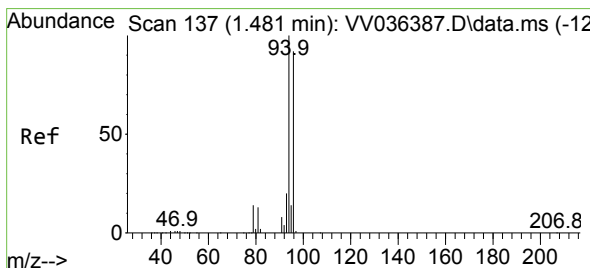
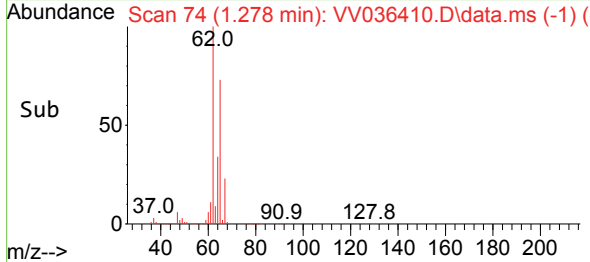
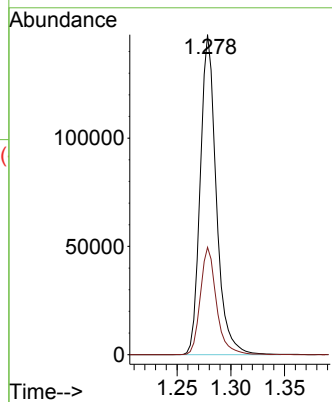
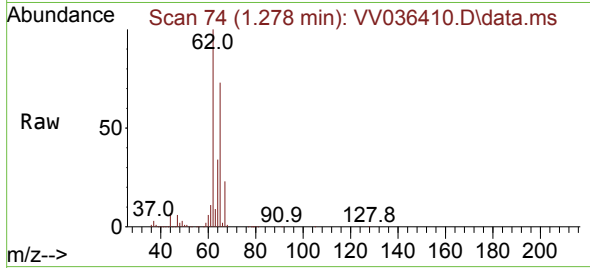




#5
 Vinyl chloride
 Concen: 20.408 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV036410.D
 Acq: 02 Jul 2024 10:24

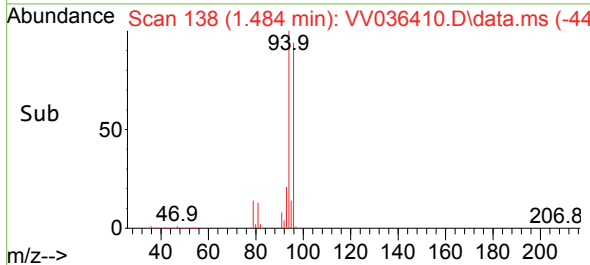
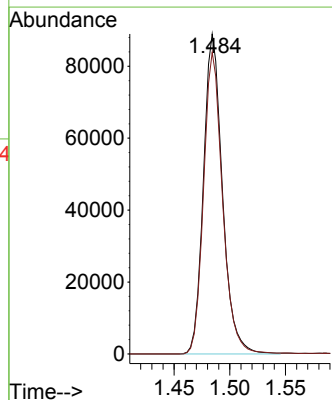
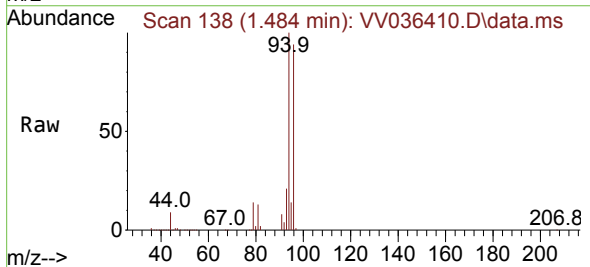
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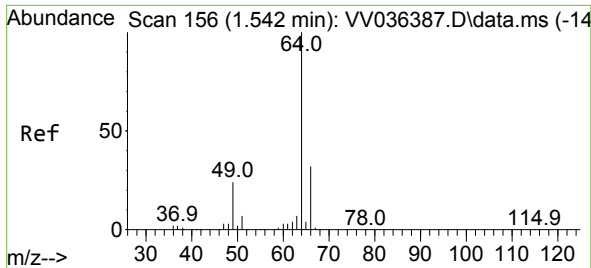
Tgt Ion: 62 Resp: 153670
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.4



#6
 Bromomethane
 Concen: 20.829 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.003 min
 Lab File: VV036410.D
 Acq: 02 Jul 2024 10:24

Tgt Ion: 94 Resp: 105487
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.1 122.7

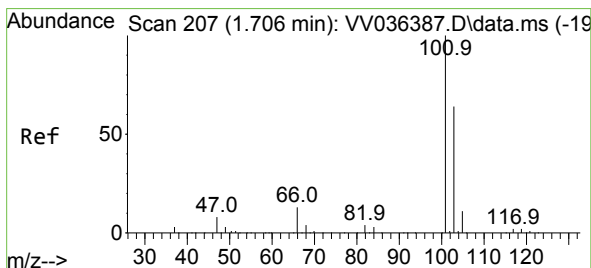
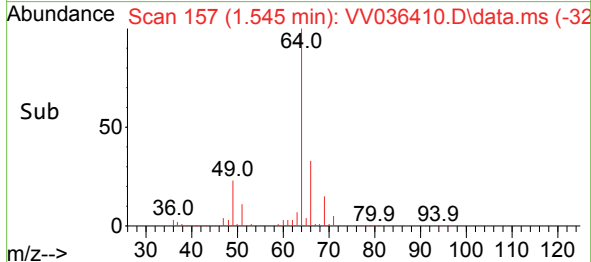
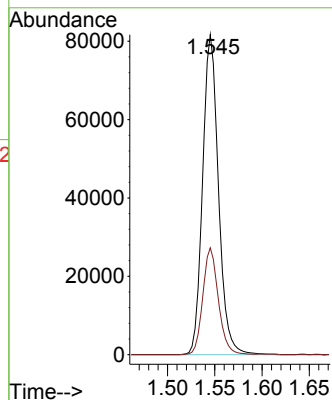
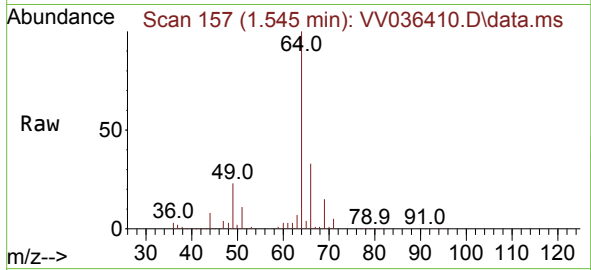




#8
Chloroethane
Concen: 20.532 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

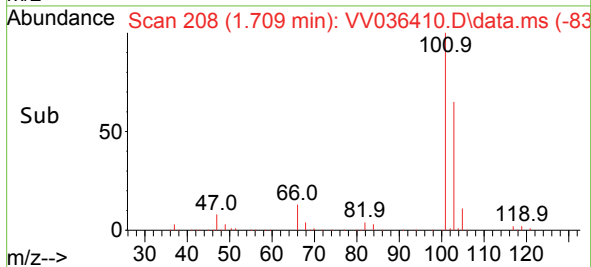
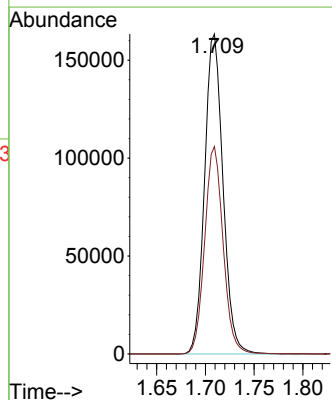
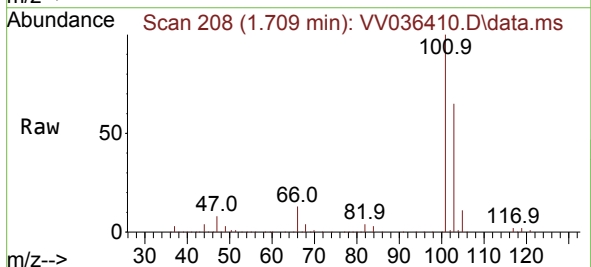
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ClientSampleId :

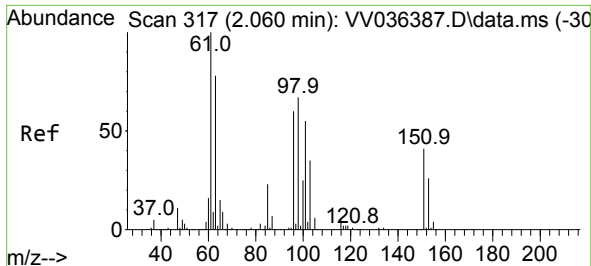
Tgt Ion: 64 Resp: 95283
Ion Ratio Lower Upper
64 100
66 33.4 23.0 42.6



#9
Trichlorofluoromethane
Concen: 19.941 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion:101 Resp: 214446
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5

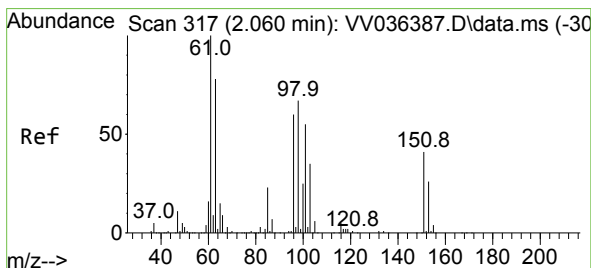
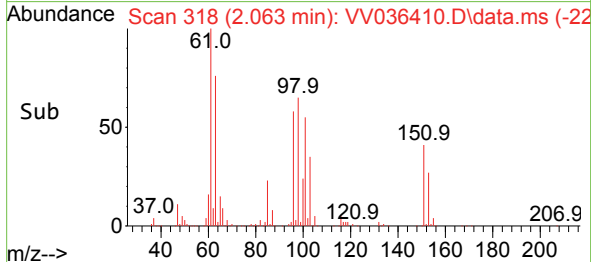
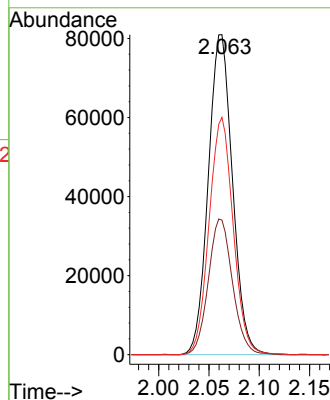
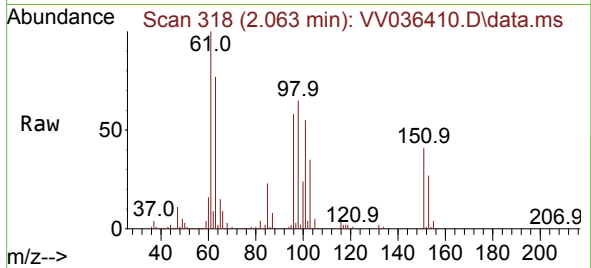




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.089 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

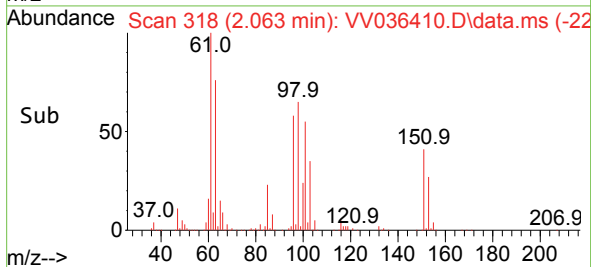
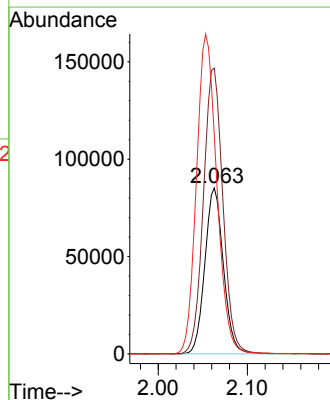
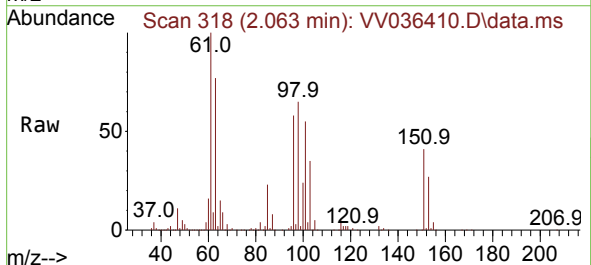
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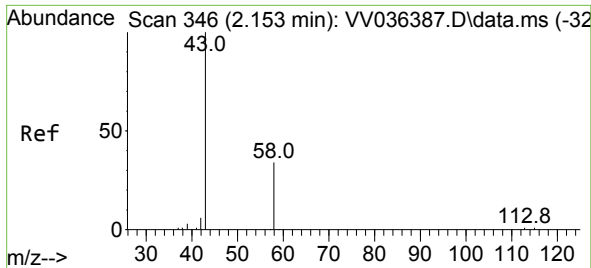
Tgt Ion:101 Resp: 135512
Ion Ratio Lower Upper
101 100
85 42.4 34.6 51.8
151 73.9 58.9 88.3



#12
1,1-Dichloroethene
Concen: 20.533 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion: 96 Resp: 122628
Ion Ratio Lower Upper
96 100
61 172.1 122.6 227.8
63 131.7 96.1 178.5





#13

Acetone

Concen: 22.244 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.235 min

Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

Instrument :

MSVOA_V

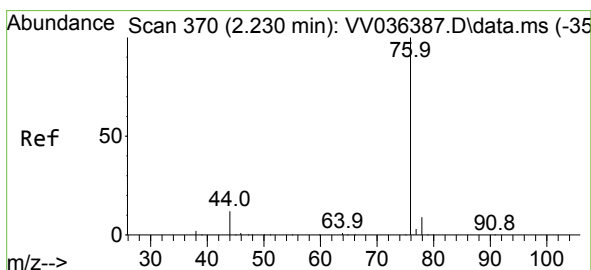
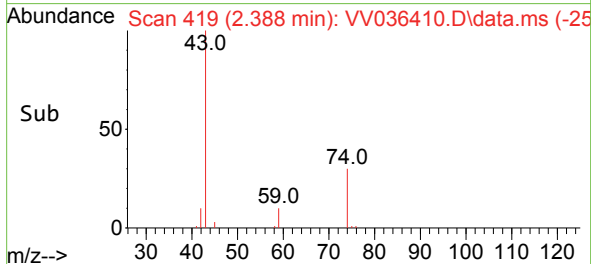
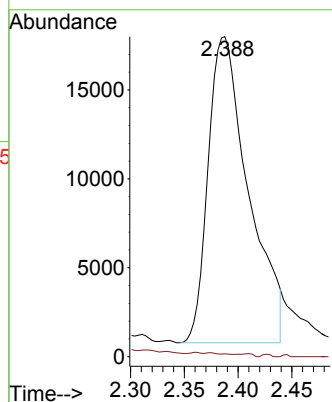
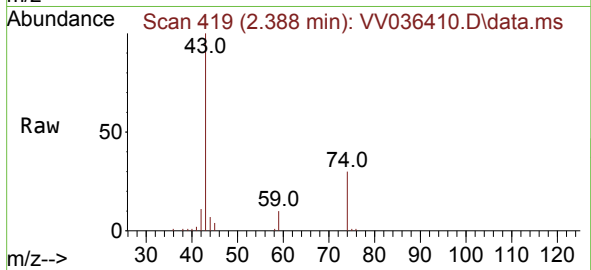
ClientSampleId :

Tgt Ion: 43 Resp: 44912

Ion Ratio Lower Upper

43 100

58 0.1 0.0 0.6



#14

Carbon disulfide

Concen: 20.209 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036410.D

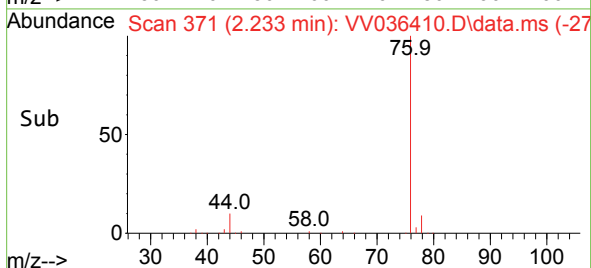
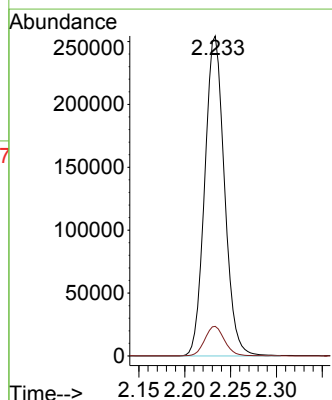
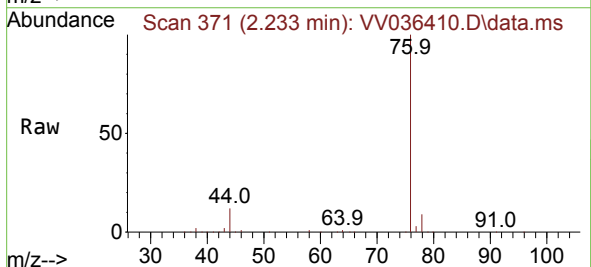
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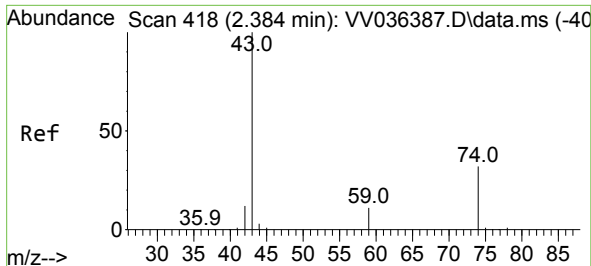
Tgt Ion: 76 Resp: 380792

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

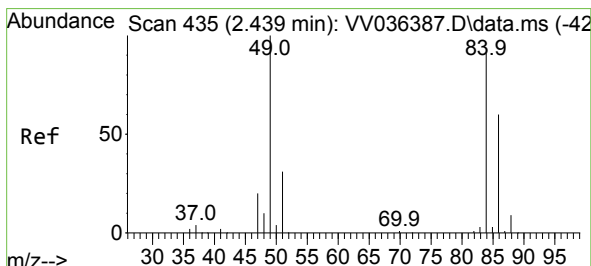
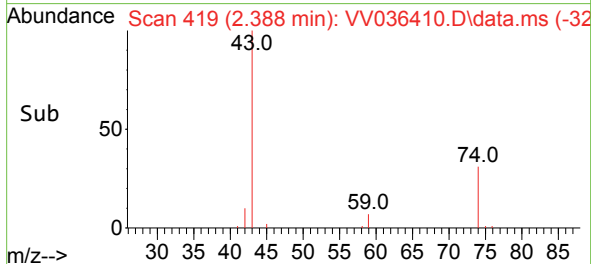
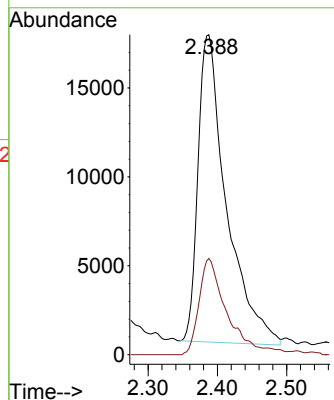
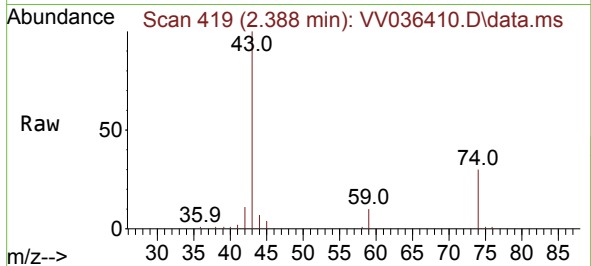




#15
Methyl Acetate
Concen: 18.980 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

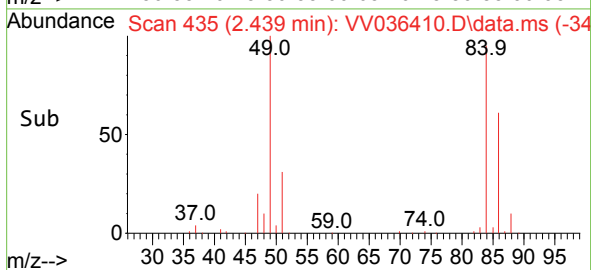
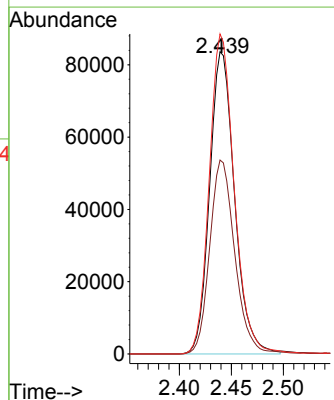
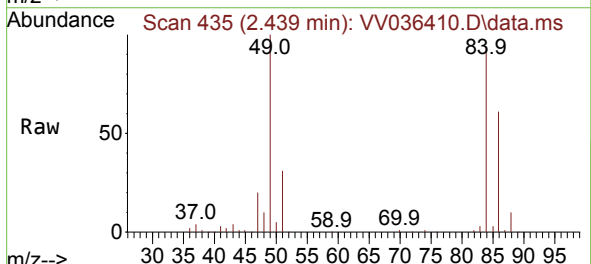
Instrument :
MSVOA_V
ClientSampleId :

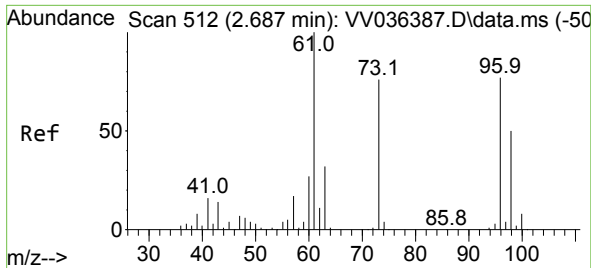
Tgt Ion: 43 Resp: 49313
Ion Ratio Lower Upper
43 100
74 26.0 23.8 35.6



#16
Methylene chloride
Concen: 18.719 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion: 84 Resp: 139729
Ion Ratio Lower Upper
84 100
86 64.2 45.6 84.8
49 105.9 75.7 140.5

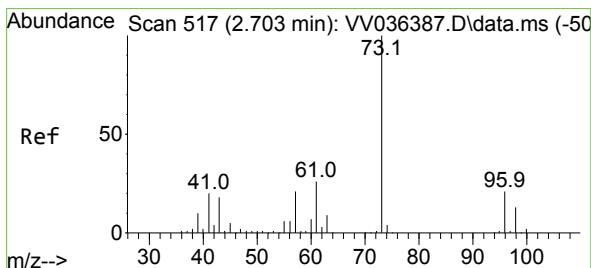
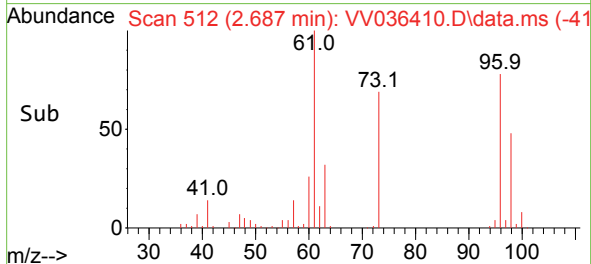
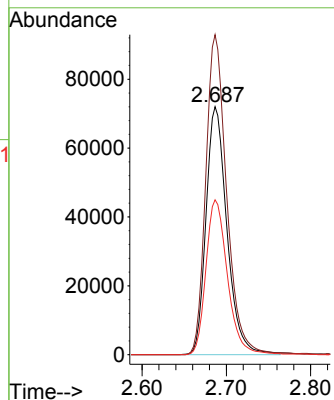
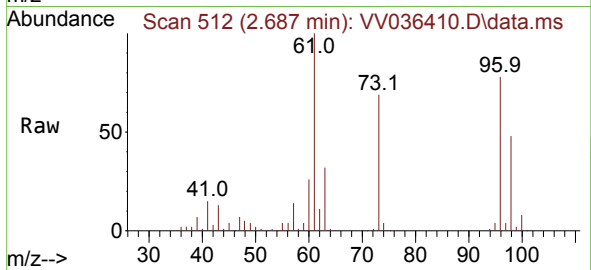




#17
trans-1,2-Dichloroethene
Concen: 21.032 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

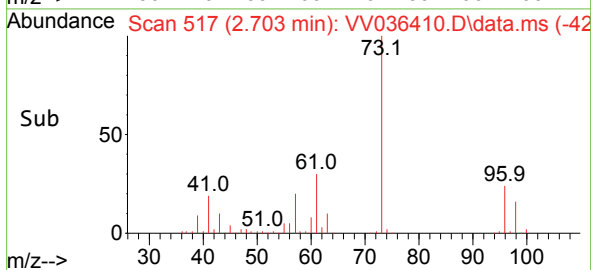
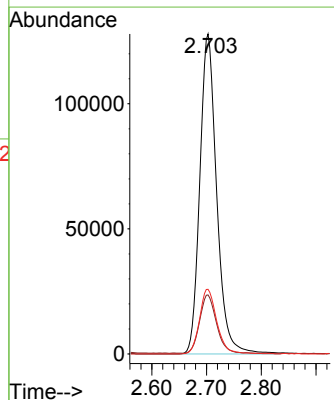
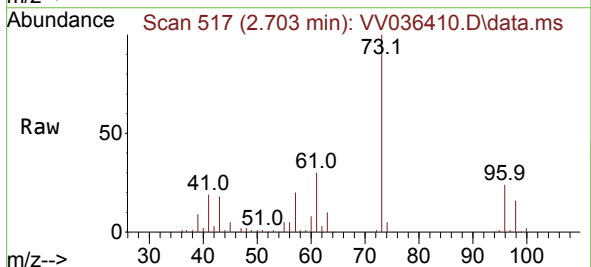
Instrument :
MSVOA_V
ClientSampleId :

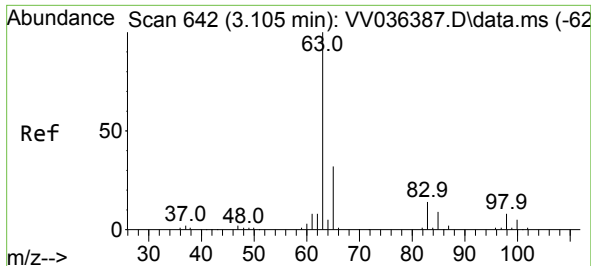
Tgt Ion: 96 Resp: 124712
Ion Ratio Lower Upper
96 100
61 129.0 89.8 166.8
98 62.4 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 19.830 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion: 73 Resp: 273716
Ion Ratio Lower Upper
73 100
43 18.1 14.7 22.1
57 20.5 17.0 25.6





#19

1,1-Dichloroethane

Concen: 20.951 ug/L

RT: 3.105 min Scan# 642

Delta R.T. 0.000 min

Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

Instrument :

MSVOA_V

ClientSampleId :

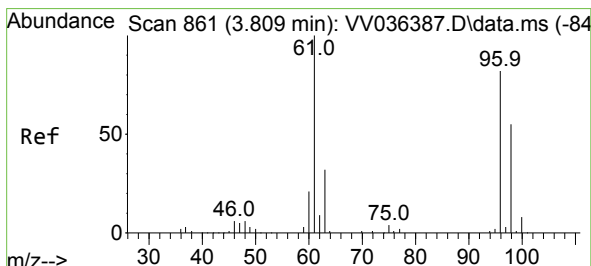
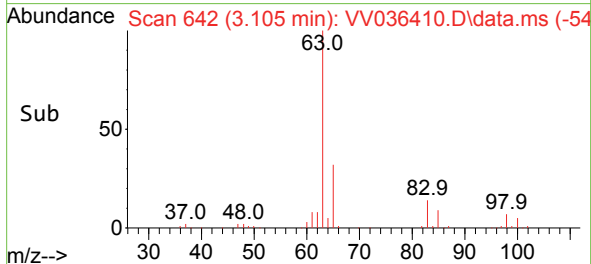
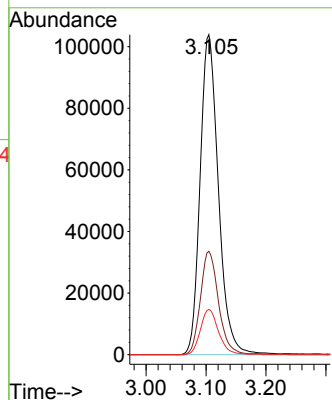
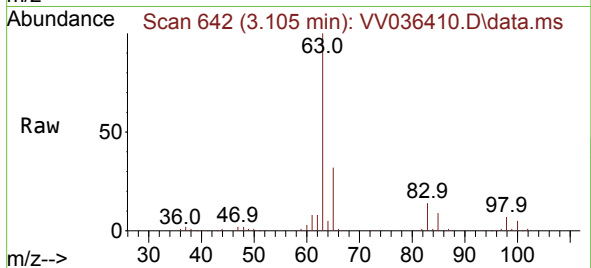
Tgt Ion: 63 Resp: 220886

Ion Ratio Lower Upper

63 100

65 32.3 22.1 41.1

83 14.1 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 20.997 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

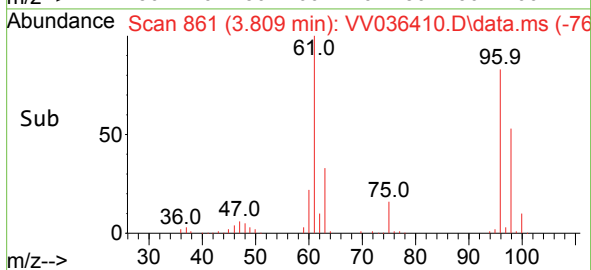
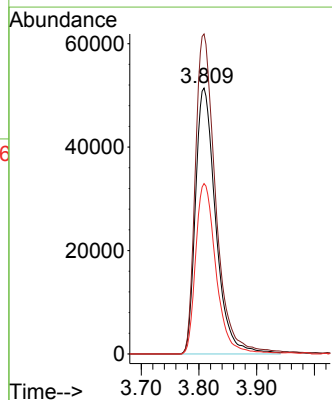
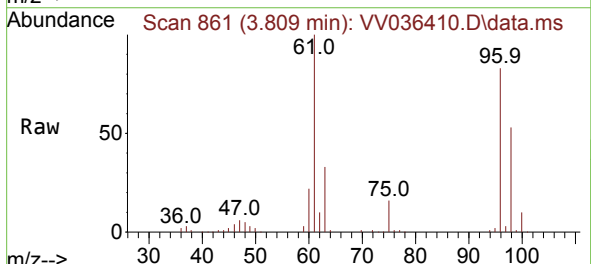
Tgt Ion: 96 Resp: 125223

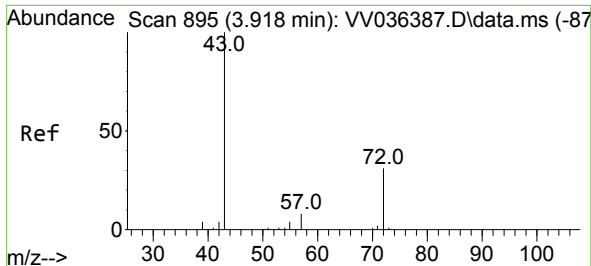
Ion Ratio Lower Upper

96 100

61 120.3 83.7 155.5

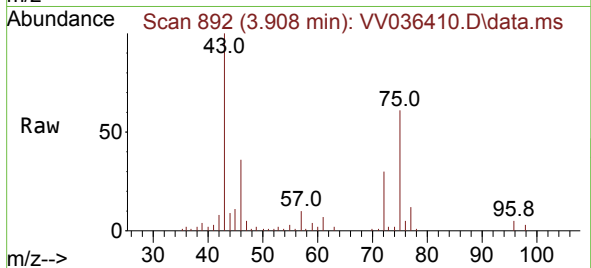
98 64.1 44.2 82.0



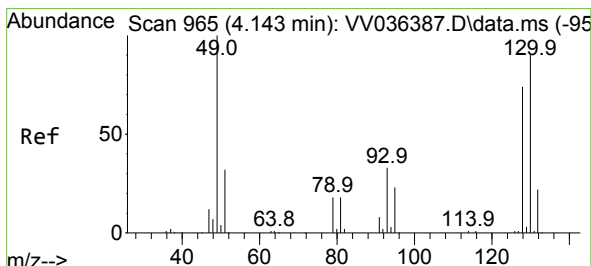
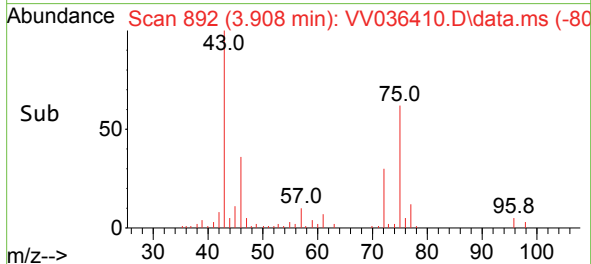
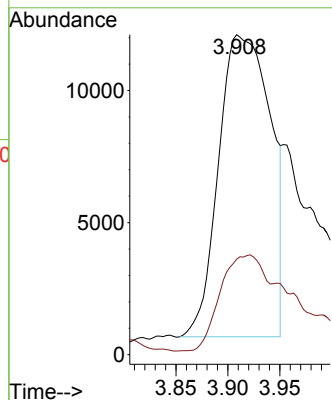


#22
2-Butanone
Concen: 23.309 ug/L
RT: 3.908 min Scan# 895
Delta R.T. -0.010 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Instrument :
MSVOA_V
ClientSampleId :

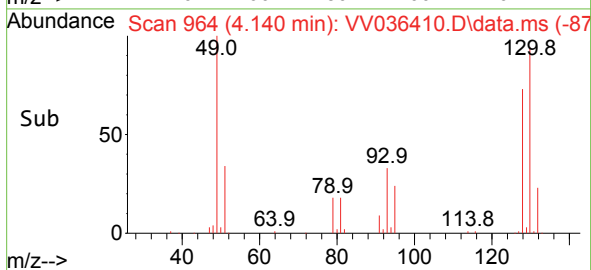
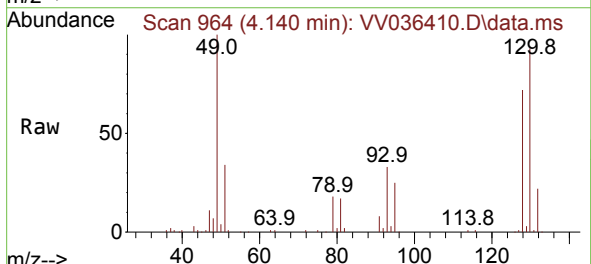
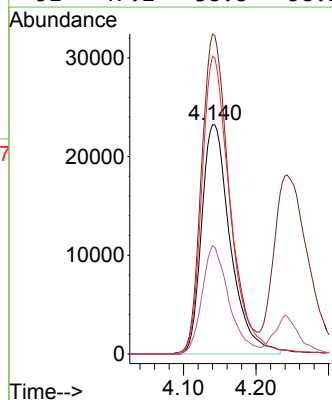


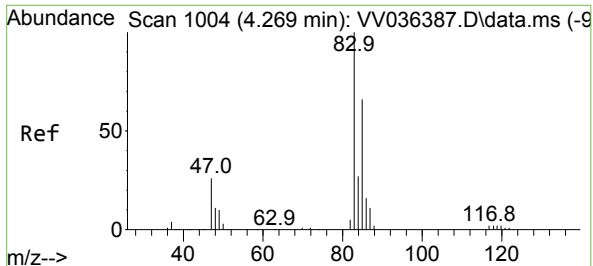
Tgt Ion: 43 Resp: 39683
Ion Ratio Lower Upper
43 100
72 27.1 12.9 38.7



#23
Bromochloromethane
Concen: 20.485 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion: 128 Resp: 63703
Ion Ratio Lower Upper
128 100
49 139.7 99.2 184.2
130 130.0 88.9 165.1
51 47.2 38.8 58.2





#25

Chloroform

Concen: 21.022 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

Instrument :

MSVOA_V

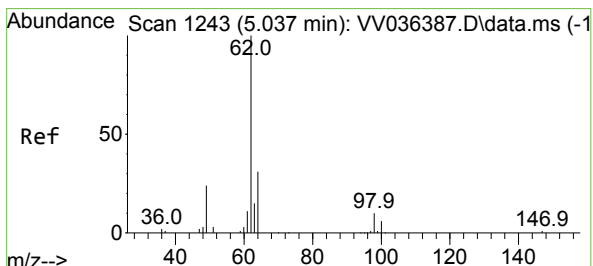
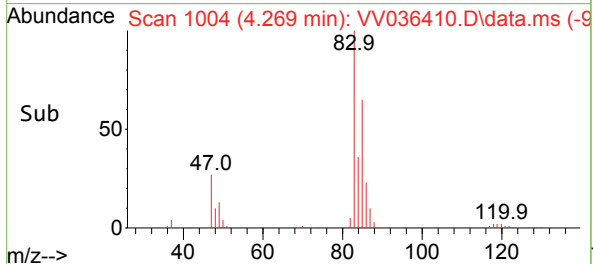
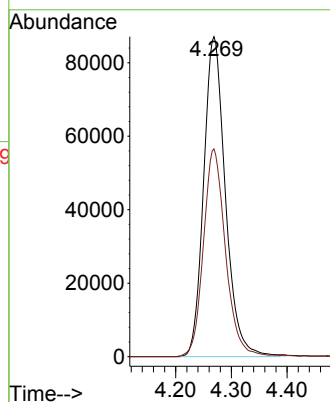
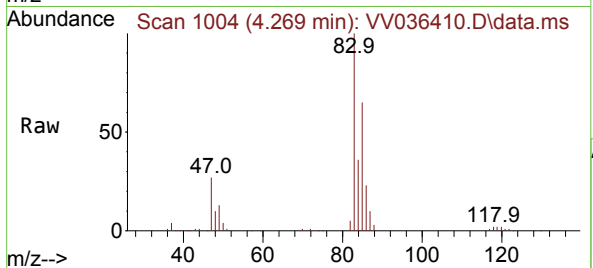
ClientSampleId :

Tgt Ion: 83 Resp: 236397

Ion Ratio Lower Upper

83 100

85 65.0 45.0 83.6



#27

1,2-Dichloroethane

Concen: 20.194 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV036410.D

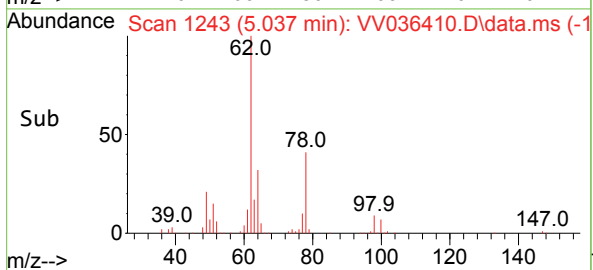
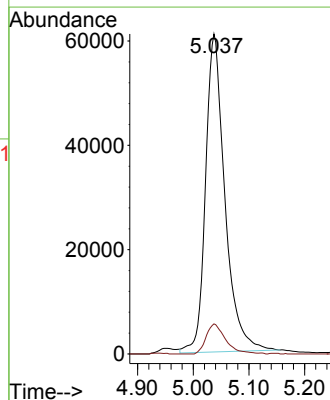
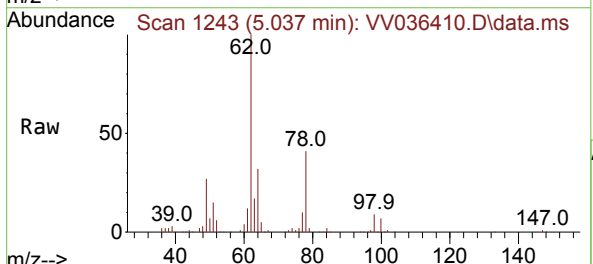
Acq: 02 Jul 2024 10:24

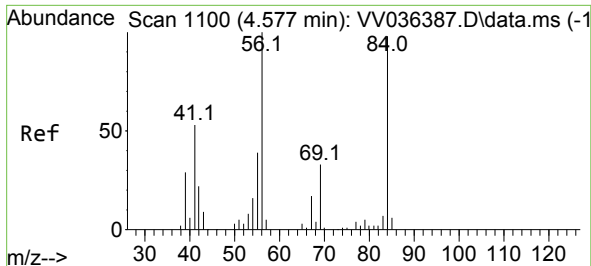
Tgt Ion: 62 Resp: 147042

Ion Ratio Lower Upper

62 100

98 9.4 7.8 11.8





#29

Cyclohexane

Concen: 20.879 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.003 min

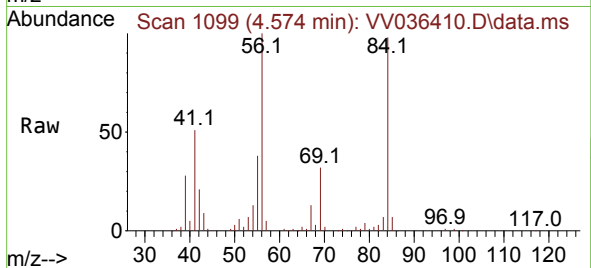
Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

Instrument :

MSVOA_V

ClientSampleId :



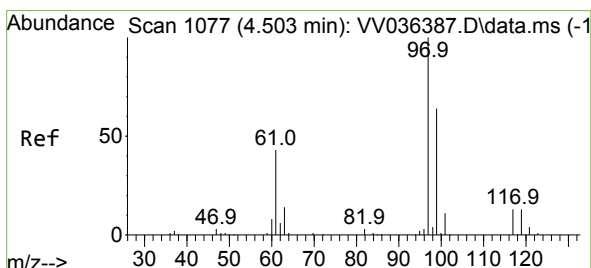
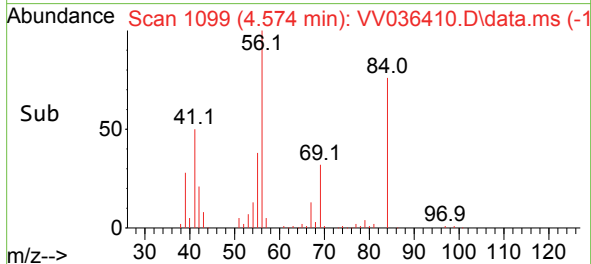
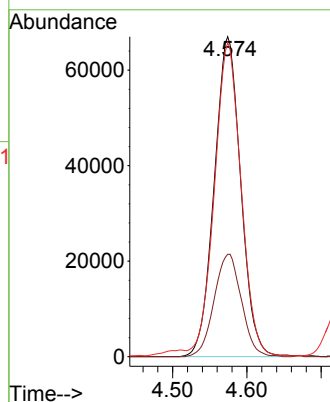
Tgt Ion: 56 Resp: 166213

Ion Ratio Lower Upper

56 100

69 32.9 26.0 39.0

84 97.8 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 21.830 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

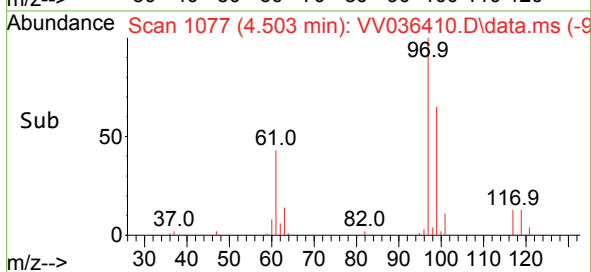
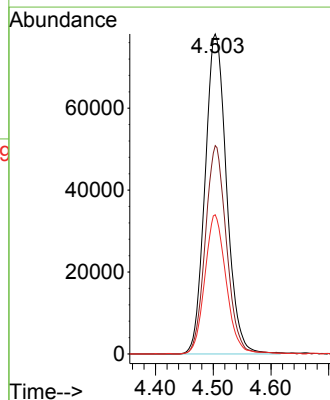
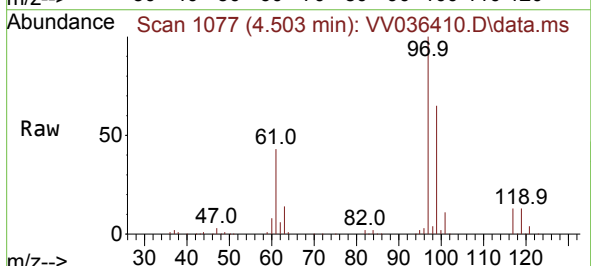
Tgt Ion: 97 Resp: 202258

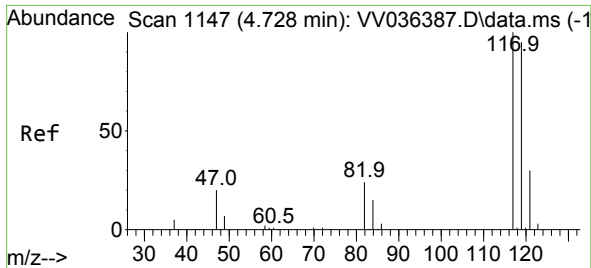
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 43.0 34.8 52.2

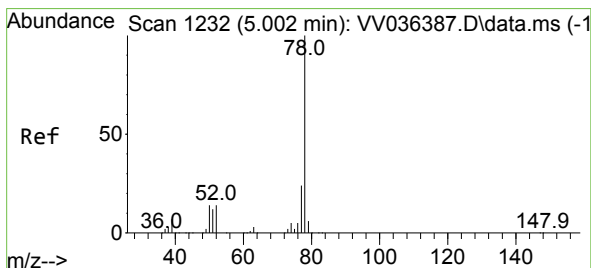
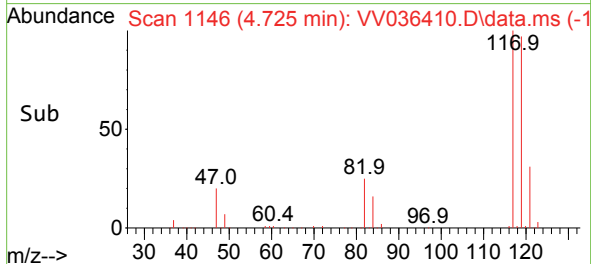
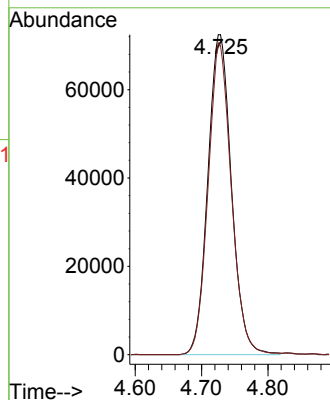
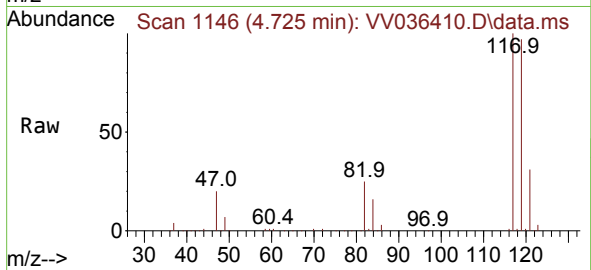




#31
Carbon tetrachloride
Concen: 21.703 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

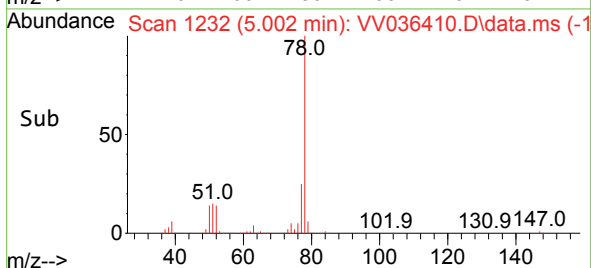
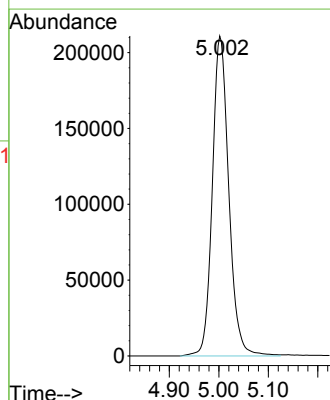
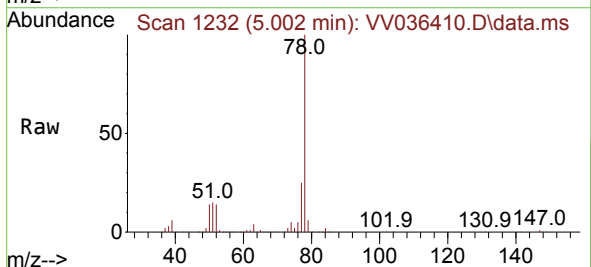
Instrument :
MSVOA_V
ClientSampleId :

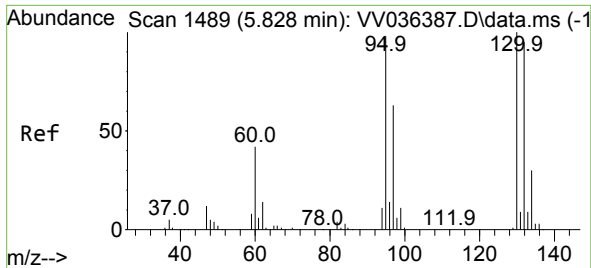
Tgt Ion:117 Resp: 179168
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8



#33
Benzene
Concen: 21.964 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion: 78 Resp: 486105

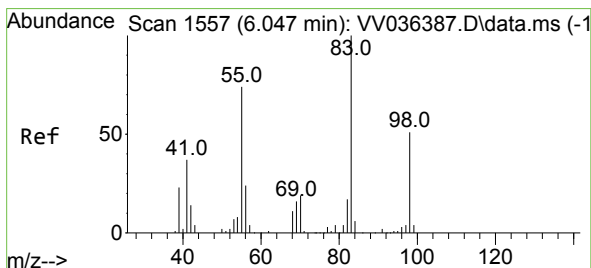
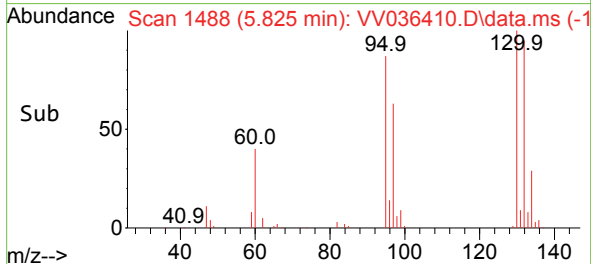
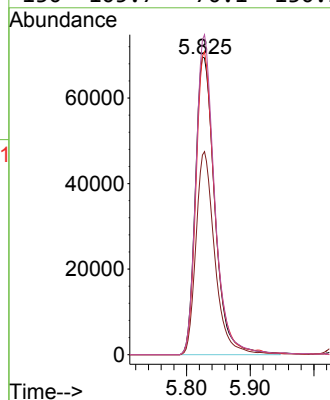
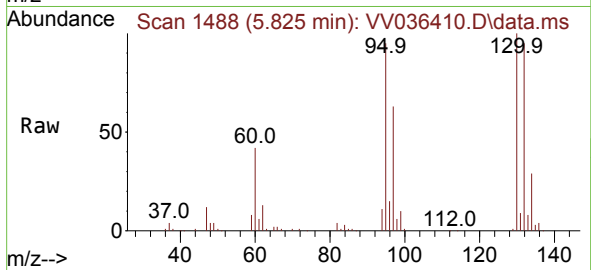




#34
Trichloroethene
Concen: 21.178 ug/L
RT: 5.825 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

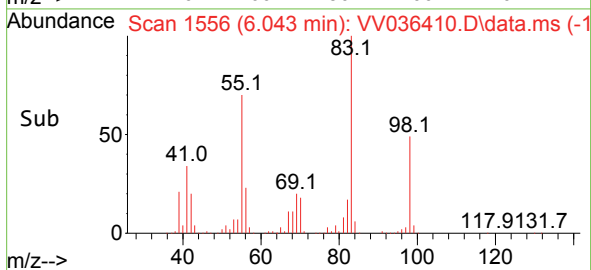
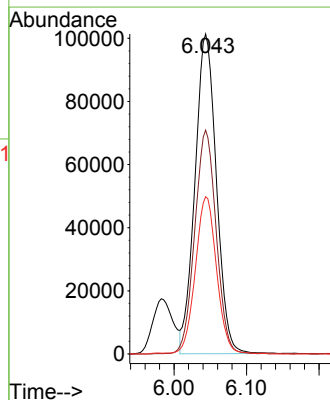
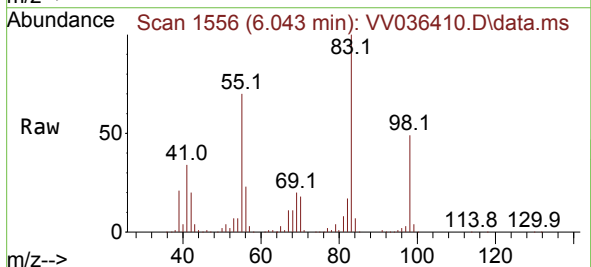
Instrument :
MSVOA_V
ClientSampleId :

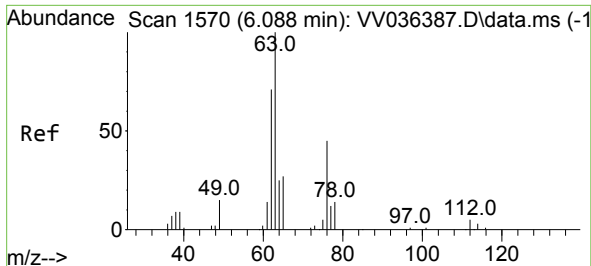
Tgt Ion: 95 Resp: 147907
Ion Ratio Lower Upper
95 100
97 67.1 45.1 83.7
132 100.2 67.7 125.7
130 105.7 70.1 130.1



#35
Methylcyclohexane
Concen: 21.352 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion: 83 Resp: 207825
Ion Ratio Lower Upper
83 100
55 70.0 56.0 84.0
98 48.8 39.0 58.6





#37

1,2-Dichloropropane

Concen: 21.098 ug/L

RT: 6.088 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

Instrument :

MSVOA_V

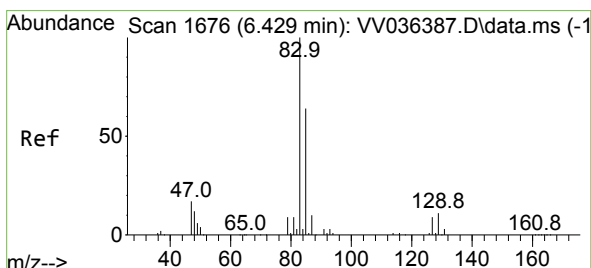
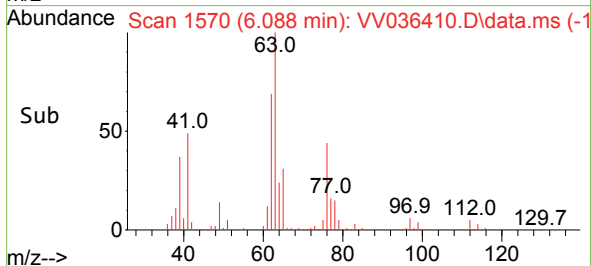
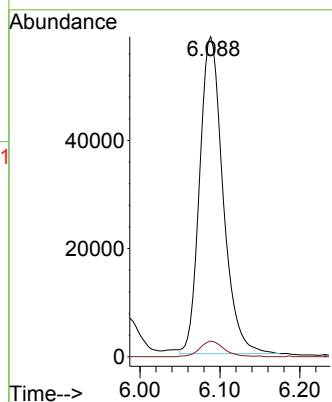
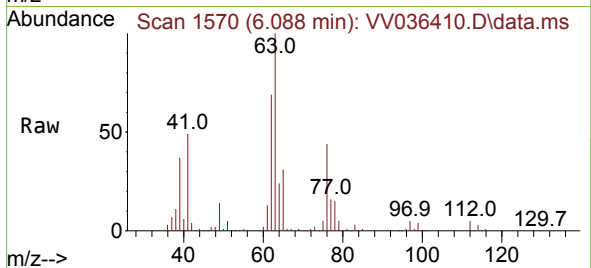
ClientSampleId :

Tgt Ion: 63 Resp: 119255

Ion Ratio Lower Upper

63 100

112 5.1 3.4 5.2



#38

Bromodichloromethane

Concen: 21.456 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

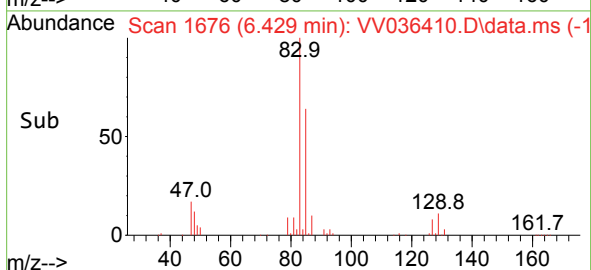
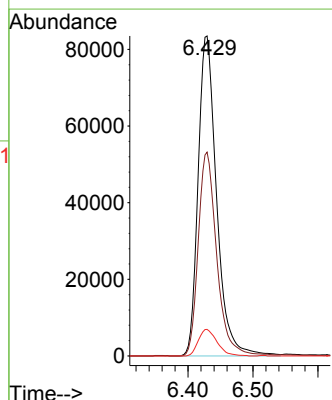
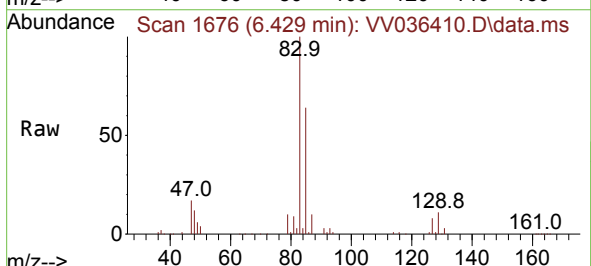
Tgt Ion: 83 Resp: 165871

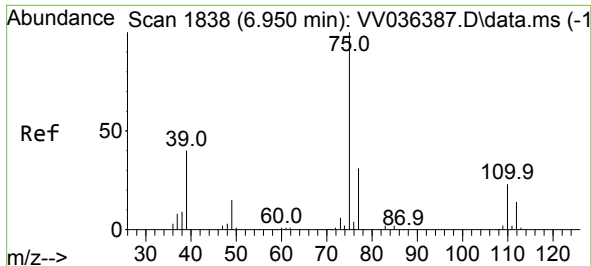
Ion Ratio Lower Upper

83 100

85 63.7 44.9 83.5

127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 21.705 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

Instrument :

MSVOA_V

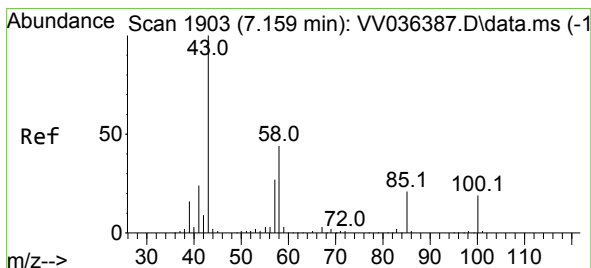
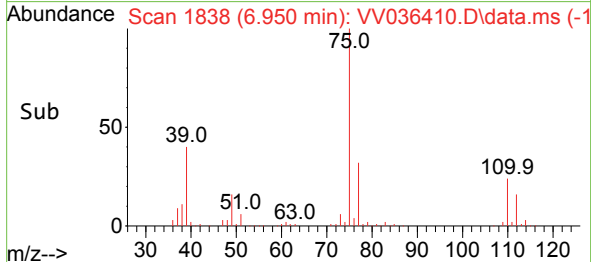
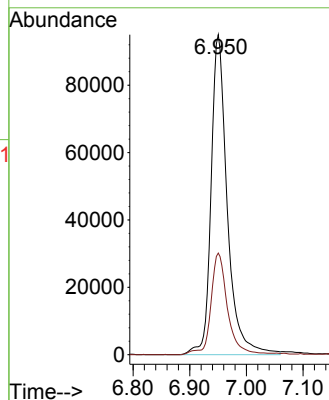
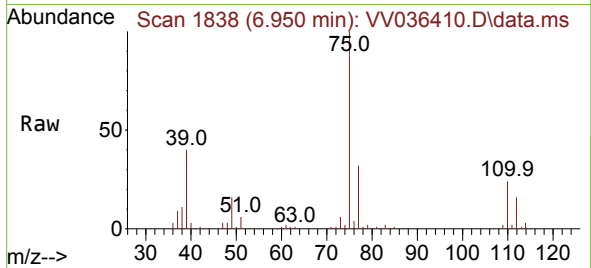
ClientSampleId :

Tgt Ion: 75 Resp: 188653

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 38.342 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

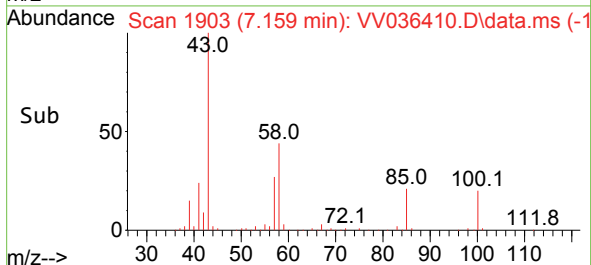
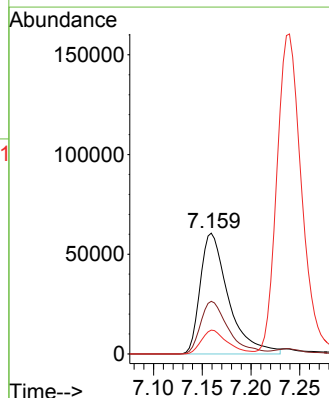
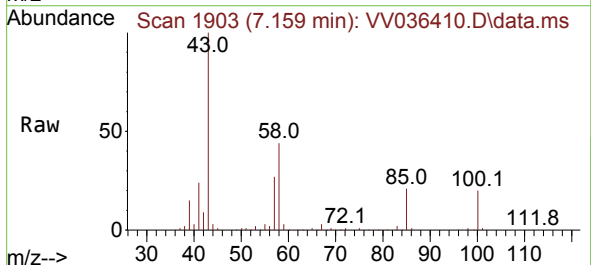
Tgt Ion: 43 Resp: 122228

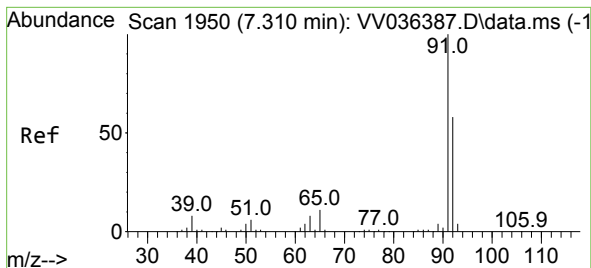
Ion Ratio Lower Upper

43 100

58 43.1 34.8 52.2

100 18.4 14.6 21.8





#42

Toluene

Concen: 22.738 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

Instrument :

MSVOA_V

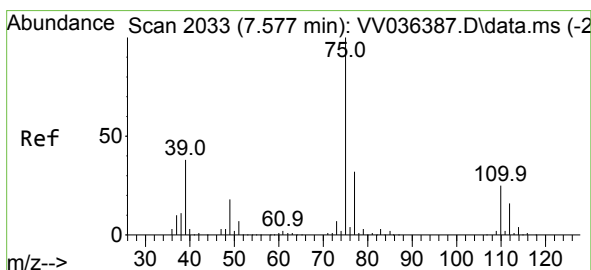
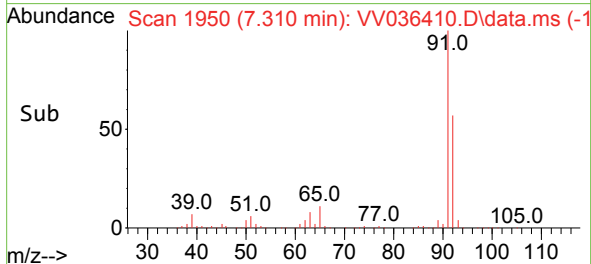
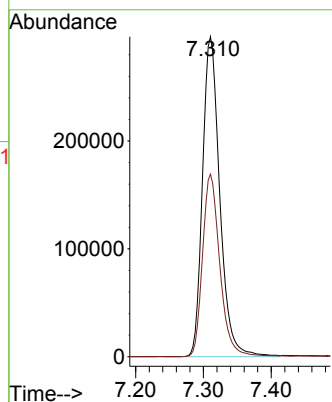
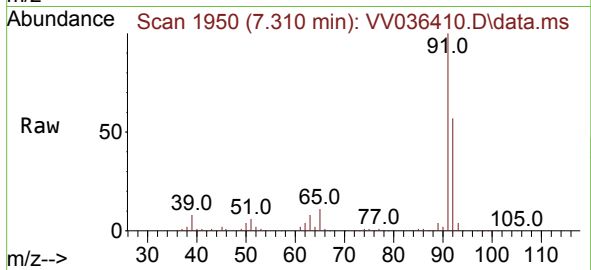
ClientSampleId :

Tgt Ion: 91 Resp: 526200

Ion Ratio Lower Upper

91 100

92 57.1 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 20.931 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036410.D

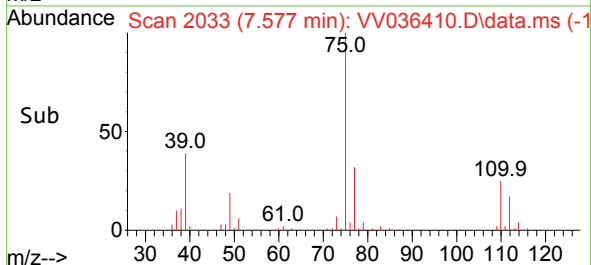
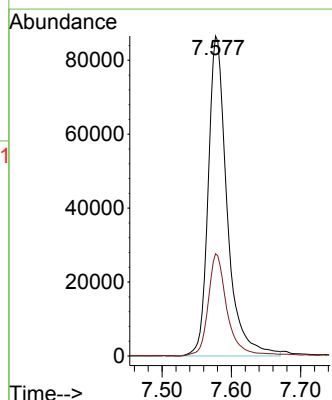
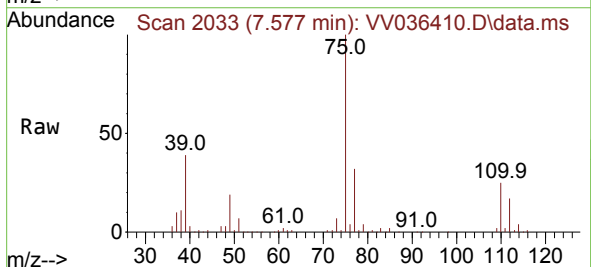
Acq: 02 Jul 2024 10:24

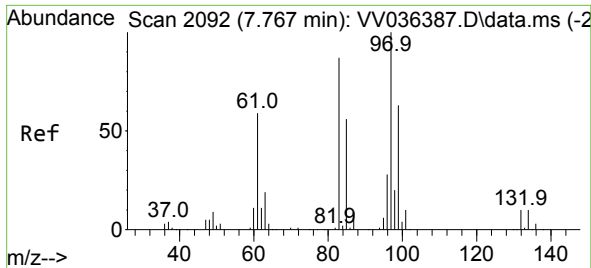
Tgt Ion: 75 Resp: 163629

Ion Ratio Lower Upper

75 100

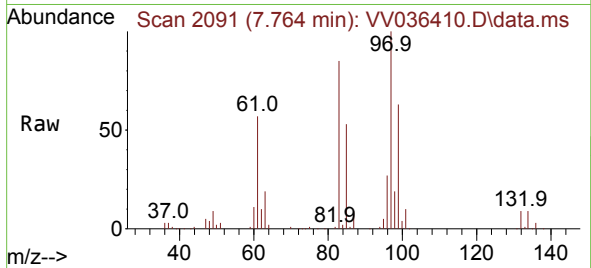
77 31.9 22.5 41.9





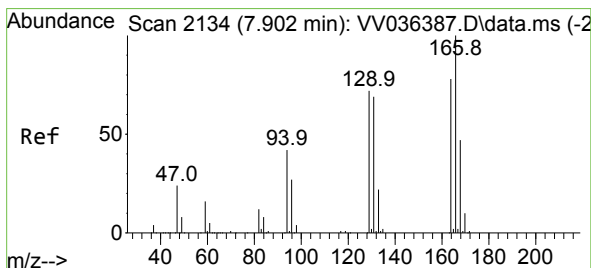
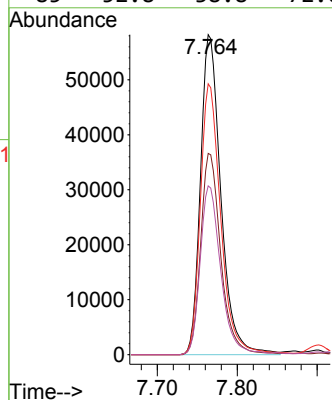
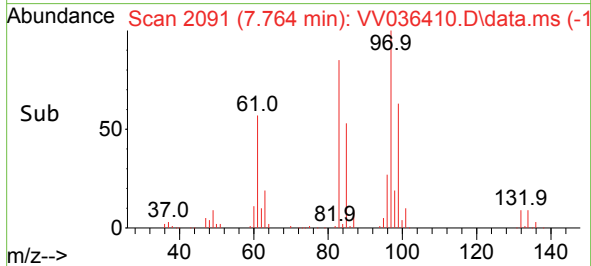
#45
1,1,2-Trichloroethane
Concen: 20.753 ug/L
RT: 7.764 min Scan# 2092
Delta R.T. -0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 103686

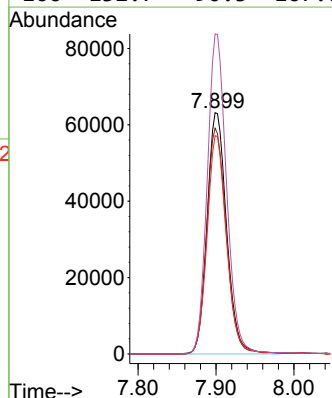
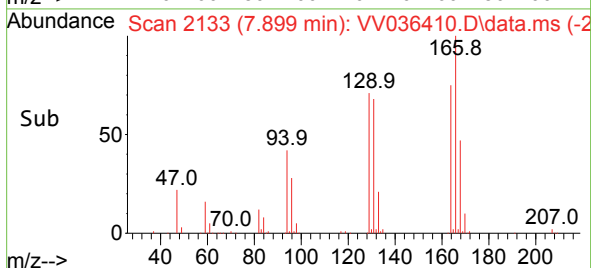
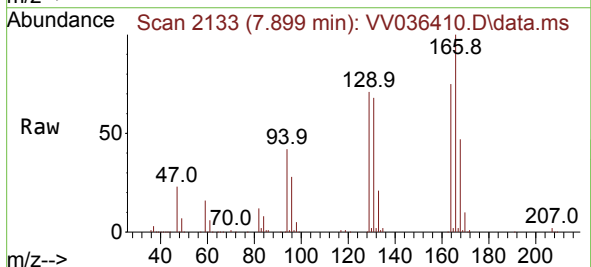
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.8	81.3
83	84.6	60.6	112.6
85	52.8	38.8	72.0

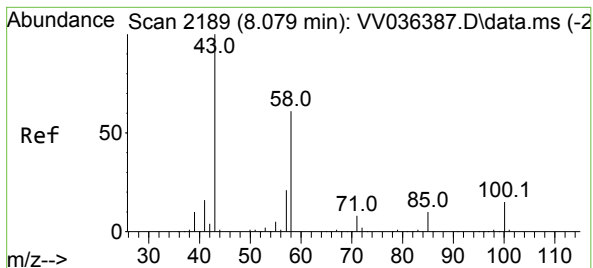


#46
Tetrachloroethene
Concen: 21.747 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion: 164 Resp: 110385

Ion	Ratio	Lower	Upper
164	100		
129	93.6	65.9	122.5
131	90.5	63.3	117.7
166	132.7	90.3	167.7





#48

2-Hexanone

Concen: 38.689 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

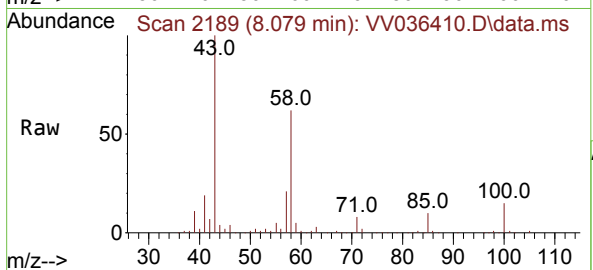
Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 97012

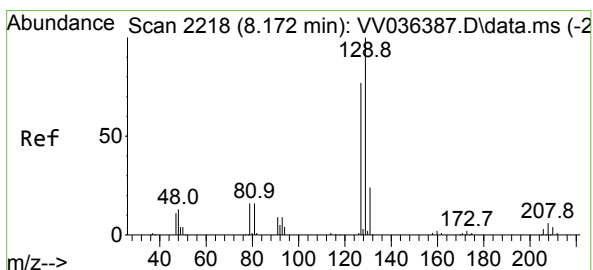
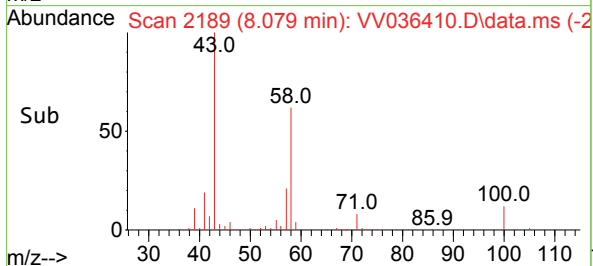
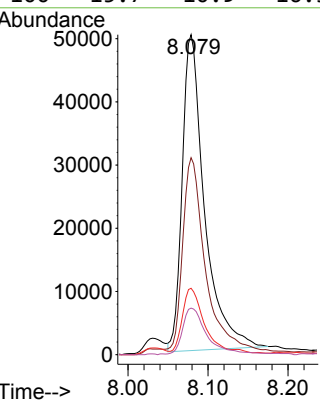
Ion	Ratio	Lower	Upper
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43	100		
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58	62.0	48.5	72.7
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57	18.9	15.8	23.6
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100	15.7	10.9	16.3
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#49

Dibromochloromethane

Concen: 20.807 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV036410.D

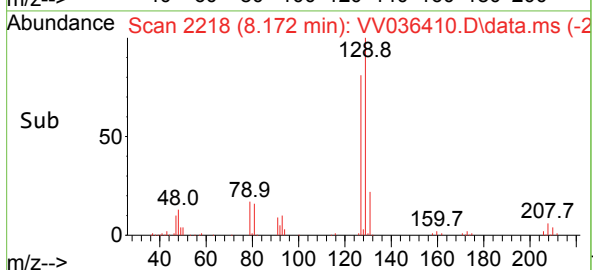
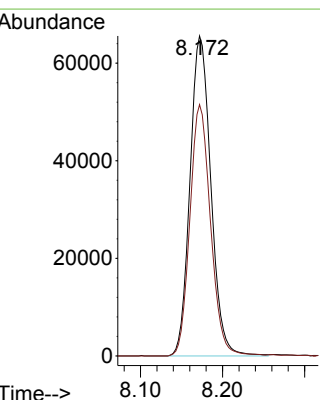
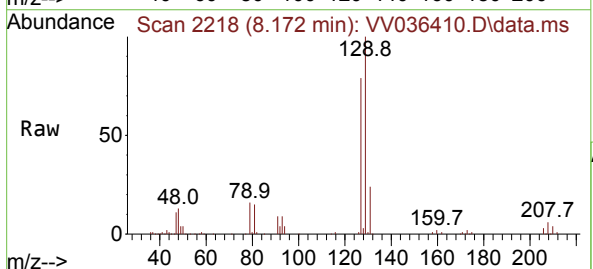
Acq: 02 Jul 2024 10:24

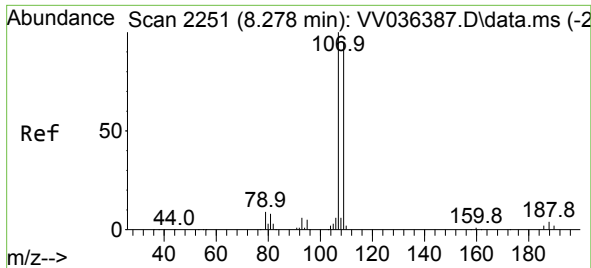
Tgt Ion: 129 Resp: 115882

Ion	Ratio	Lower	Upper
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129	100		
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127	78.6	54.9	101.9
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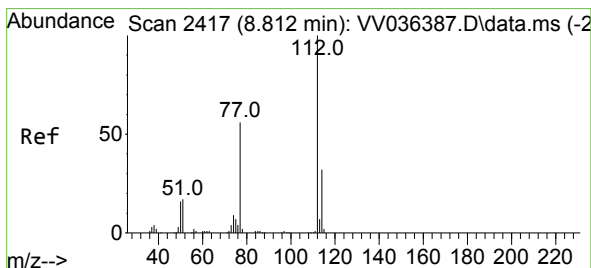
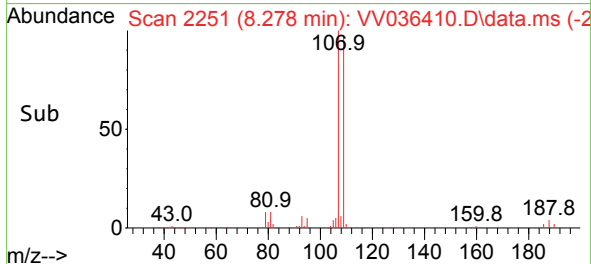
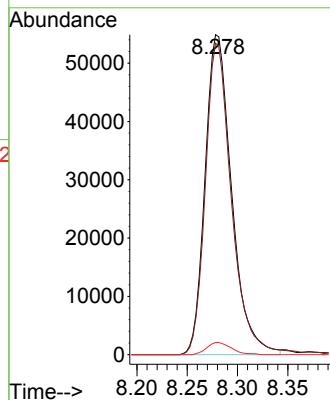
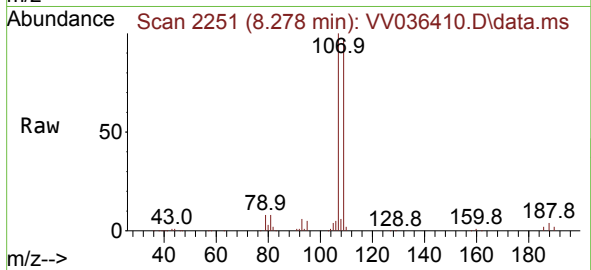




#50
1,2-Dibromoethane
Concen: 20.470 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

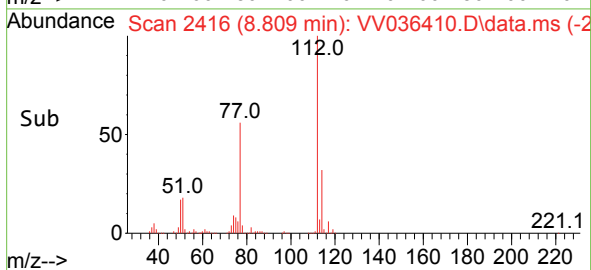
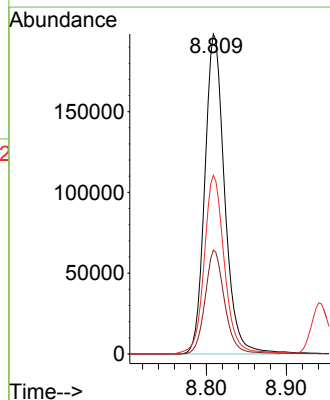
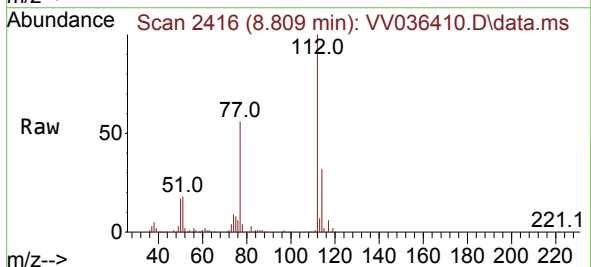
Instrument :
MSVOA_V
ClientSampleId :

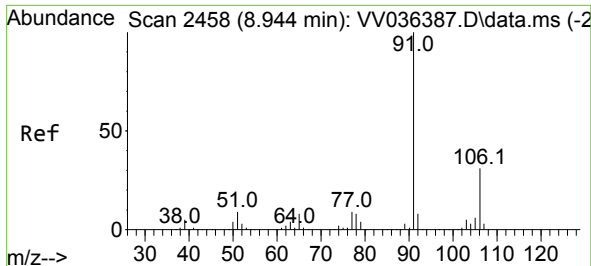
Tgt Ion:107 Resp: 100750
Ion Ratio Lower Upper
107 100
109 97.4 64.7 120.1
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 21.622 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion:112 Resp: 342038
Ion Ratio Lower Upper
112 100
114 32.4 22.8 42.4
77 55.8 46.2 69.2

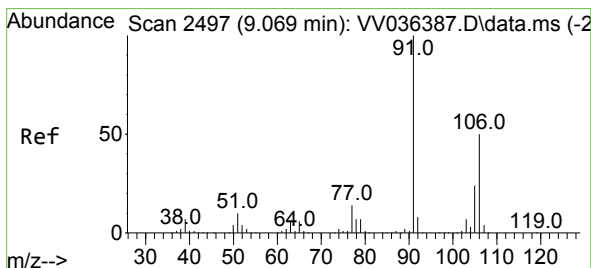
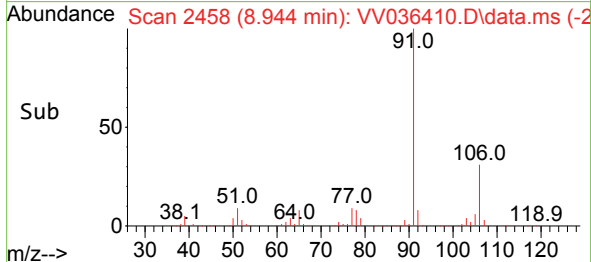
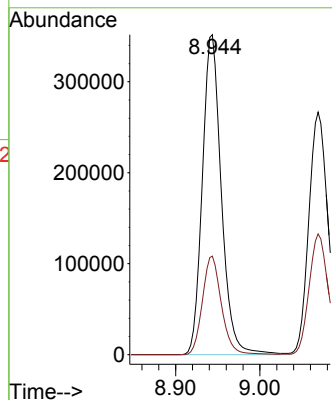
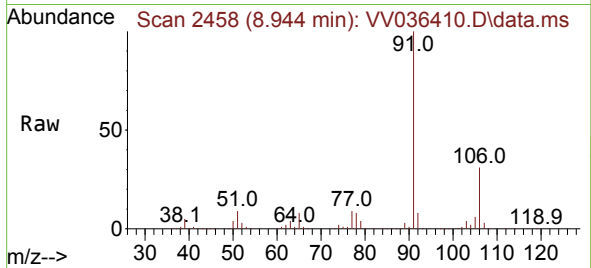




#52
Ethylbenzene
Concen: 22.106 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

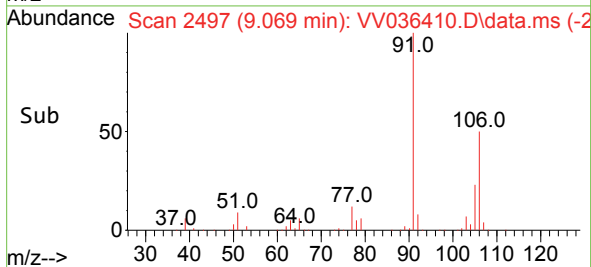
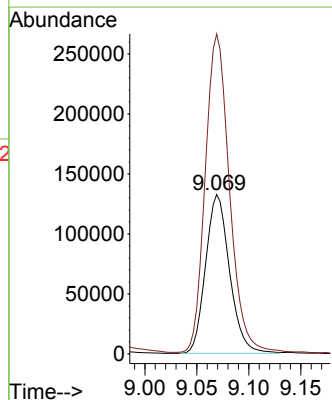
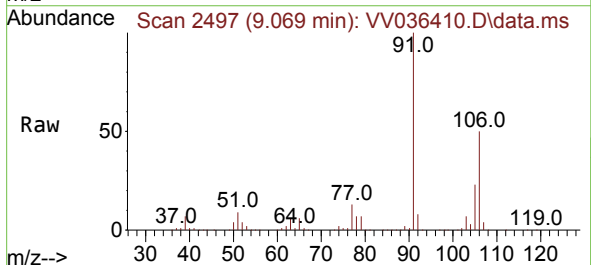
Instrument :
MSVOA_V
ClientSampleId :

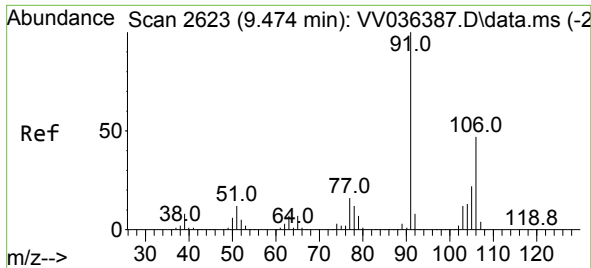
Tgt Ion: 91 Resp: 552068
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.4



#53
m,p-Xylene
Concen: 22.818 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion: 106 Resp: 212382
Ion Ratio Lower Upper
106 100
91 200.9 142.2 264.0

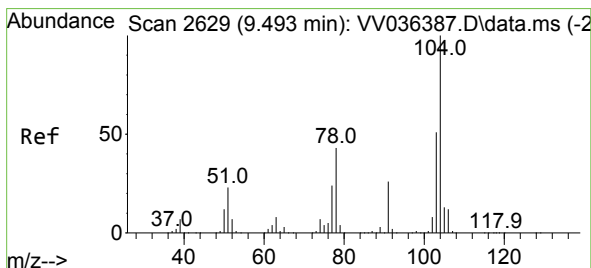
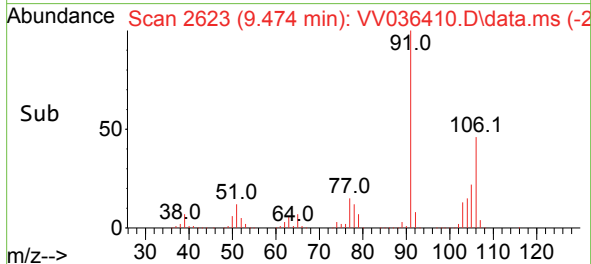
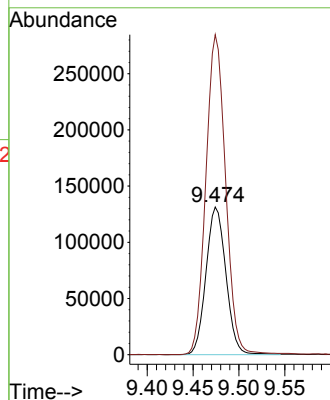
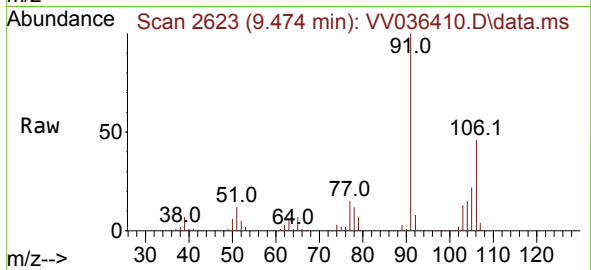




#54
o-Xylene
Concen: 22.722 ug/L
RT: 9.474 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

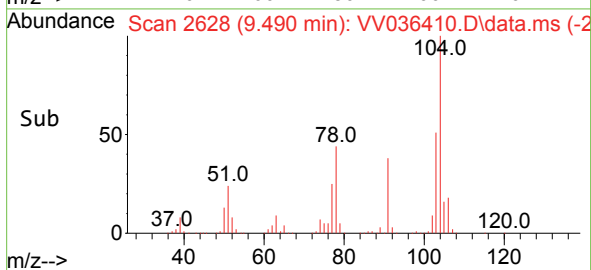
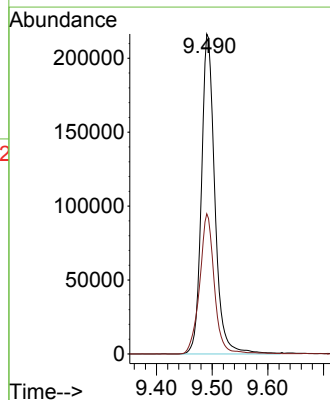
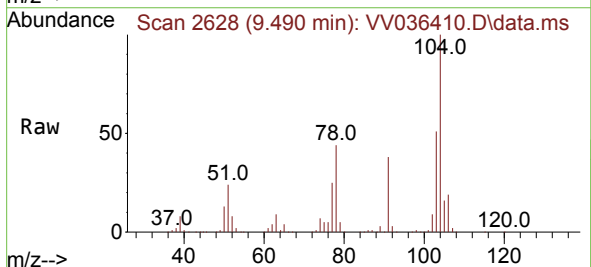
Instrument :
MSVOA_V
ClientSampleId :

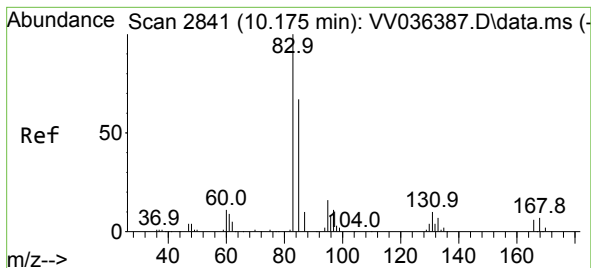
Tgt Ion:106 Resp: 198885
Ion Ratio Lower Upper
106 100
91 216.6 152.7 283.7



#55
Styrene
Concen: 23.678 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion:104 Resp: 363225
Ion Ratio Lower Upper
104 100
78 43.8 30.2 56.2

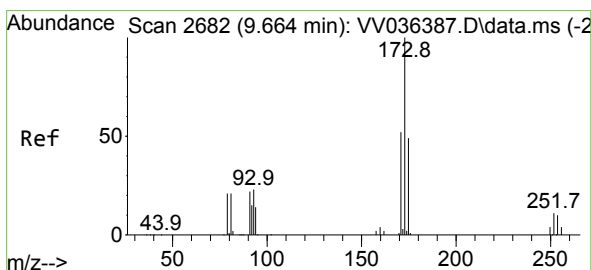
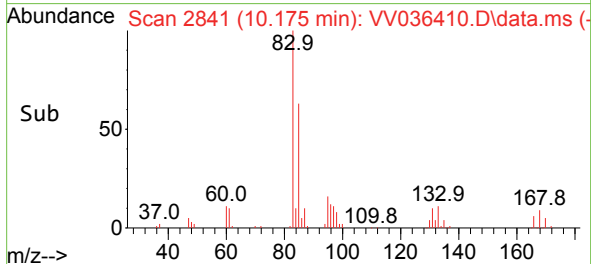
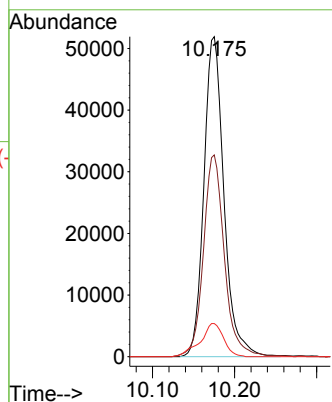
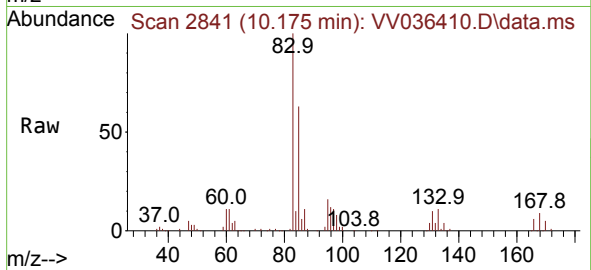




#57
1,1,2,2-Tetrachloroethane
Concen: 19.778 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

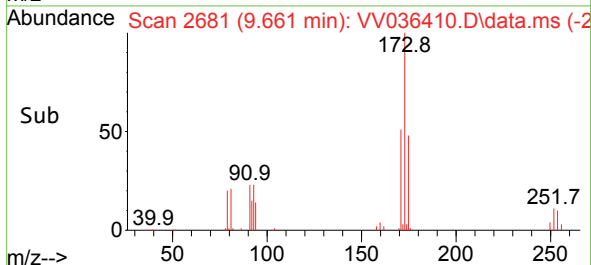
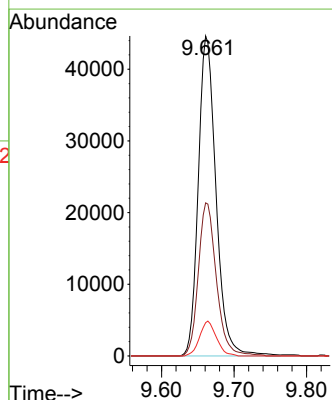
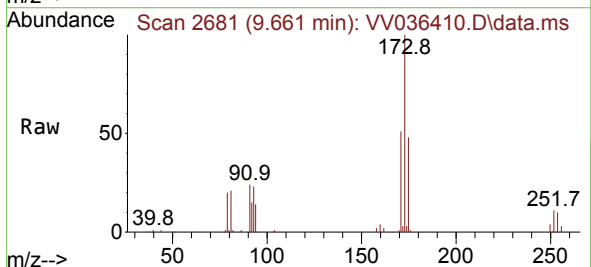
Instrument :
MSVOA_V
ClientSampleId :

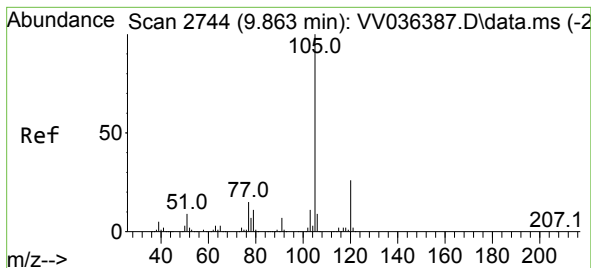
Tgt Ion: 83 Resp: 88436
Ion Ratio Lower Upper
83 100
85 63.1 45.7 84.9
131 10.3 7.8 11.6



#59
Bromoform
Concen: 20.429 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion: 173 Resp: 75739
Ion Ratio Lower Upper
173 100
175 48.7 38.9 58.3
254 10.3 7.2 10.8





#60

Isopropylbenzene

Concen: 23.199 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

Instrument :

MSVOA_V

ClientSampleId :

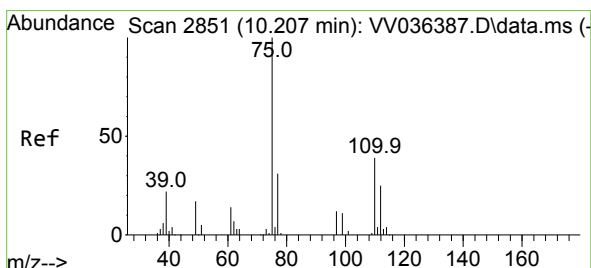
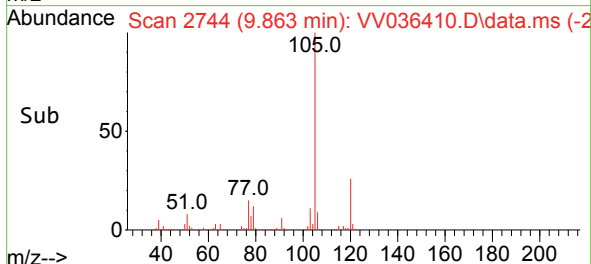
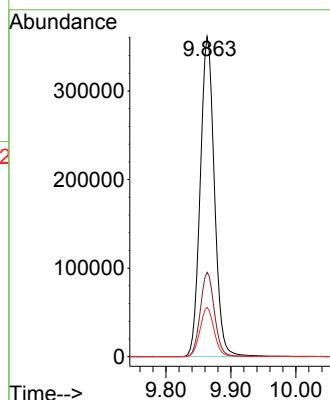
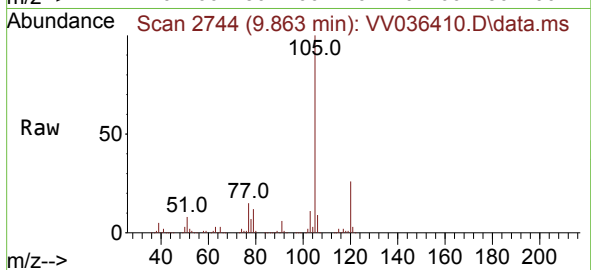
Tgt Ion:105 Resp: 549229

Ion Ratio Lower Upper

105 100

120 26.4 21.2 31.8

77 15.2 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 19.951 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. -0.003 min

Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

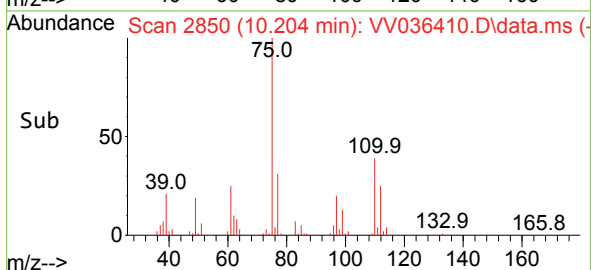
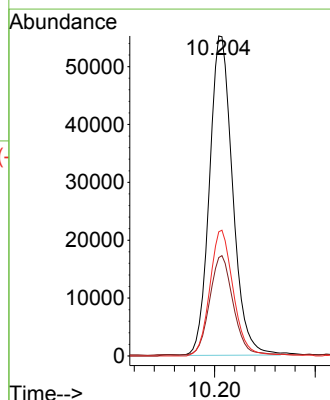
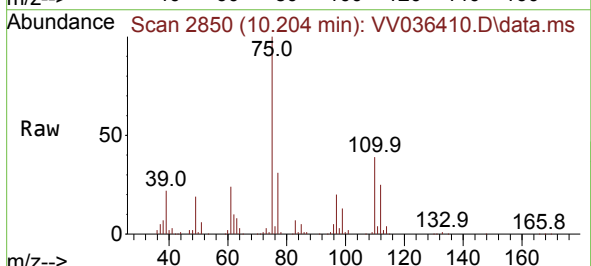
Tgt Ion: 75 Resp: 88182

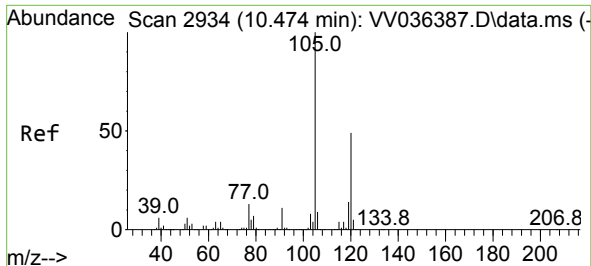
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

110 39.9 31.7 47.5

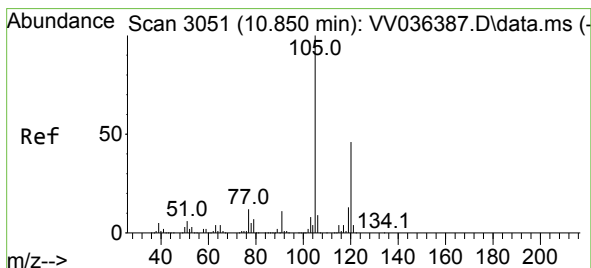
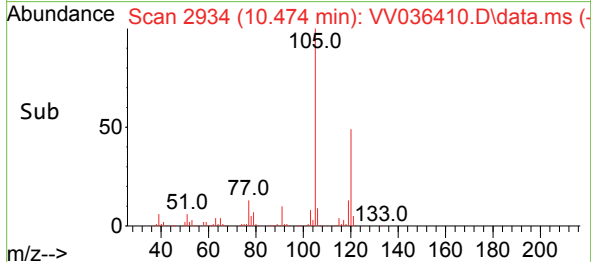
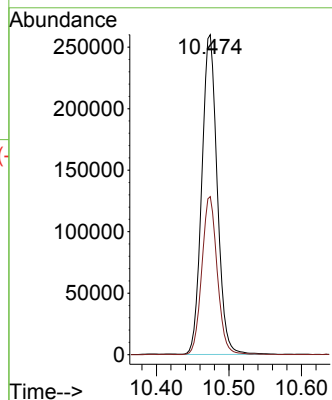
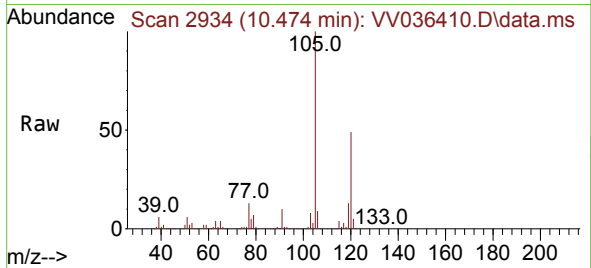




#62
 1,3,5-Trimethylbenzene
 Concen: 22.694 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.000 min
 Lab File: VV036410.D
 Acq: 02 Jul 2024 10:24

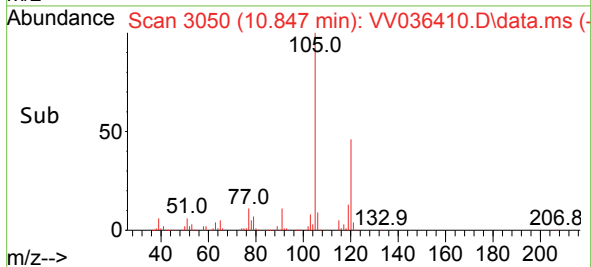
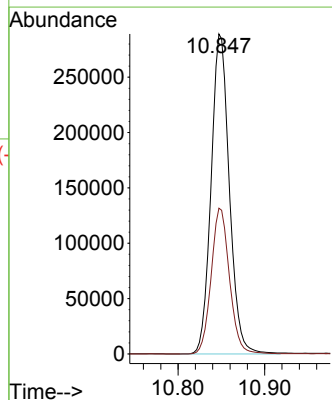
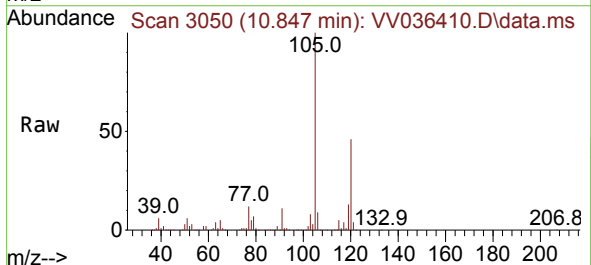
Instrument :
 MSVOA_V
 ClientSampleId :

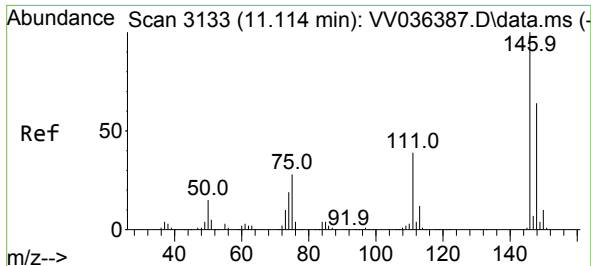
Tgt Ion:105 Resp: 384514
 Ion Ratio Lower Upper
 105 100
 120 49.2 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 22.984 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. -0.003 min
 Lab File: VV036410.D
 Acq: 02 Jul 2024 10:24

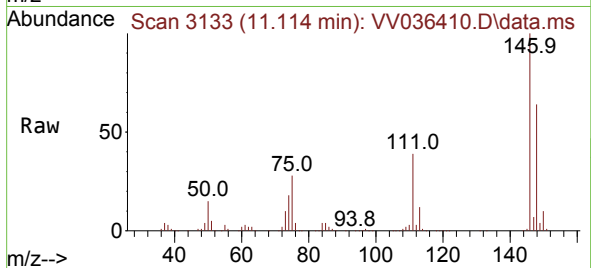
Tgt Ion:105 Resp: 423179
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.2 54.4



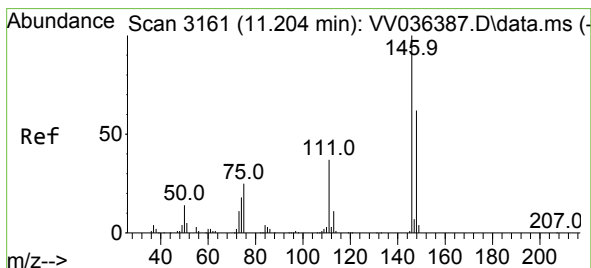
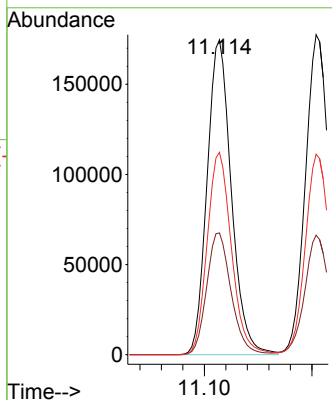
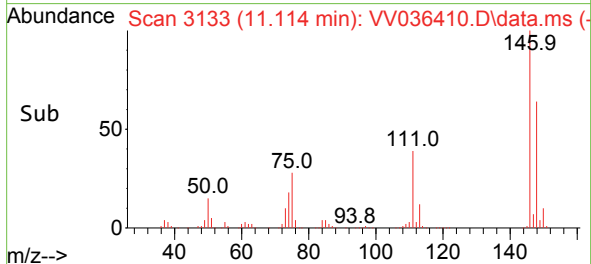


#64
1,3-Dichlorobenzene
Concen: 22.185 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

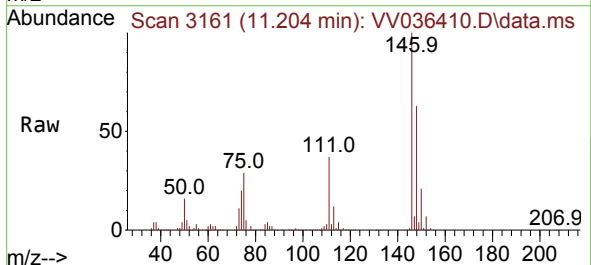
Instrument :
MSVOA_V
ClientSampleId :



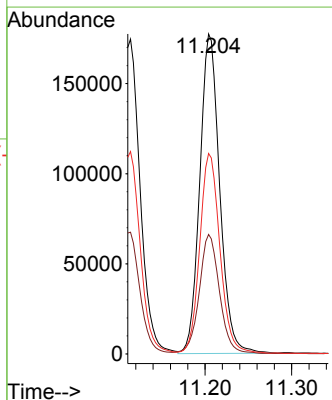
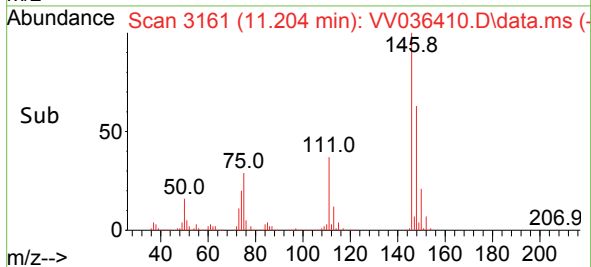
Tgt Ion:146 Resp: 273690
Ion Ratio Lower Upper
146 100
111 38.6 27.5 51.1
148 64.3 44.9 83.3

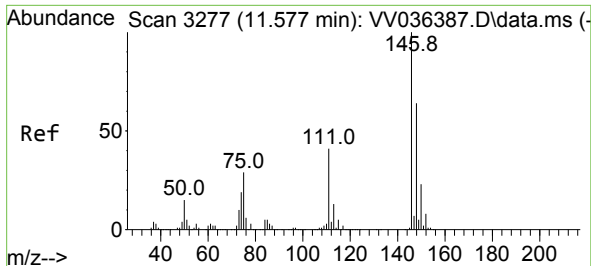


#65
1,4-Dichlorobenzene
Concen: 21.456 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24



Tgt Ion:146 Resp: 283734
Ion Ratio Lower Upper
146 100
111 37.4 27.5 51.1
148 62.7 44.0 81.8

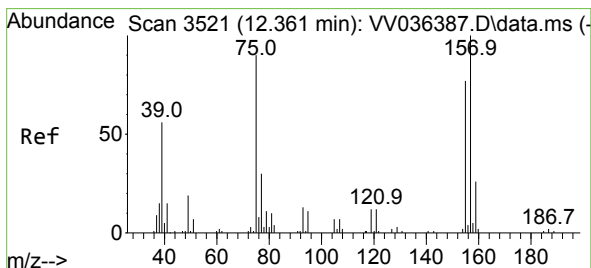
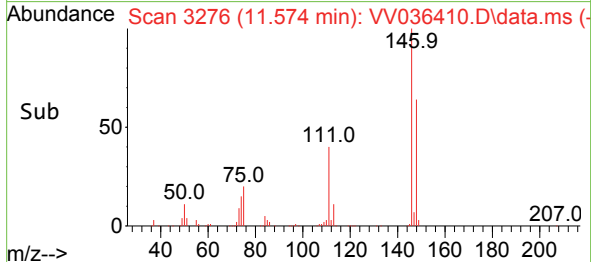
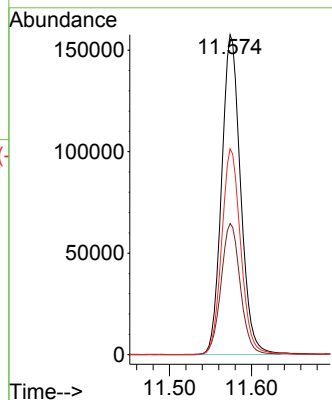
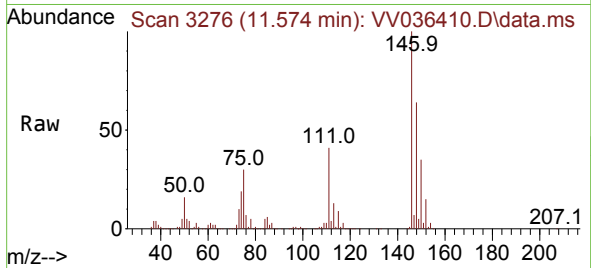




#67
1,2-Dichlorobenzene
Concen: 21.403 ug/L
RT: 11.574 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

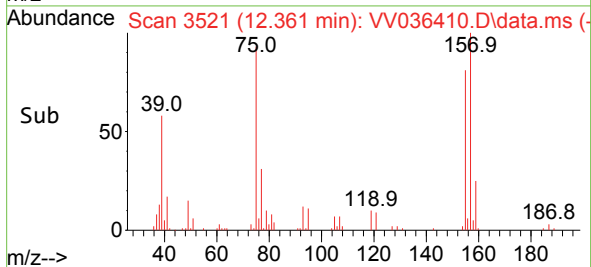
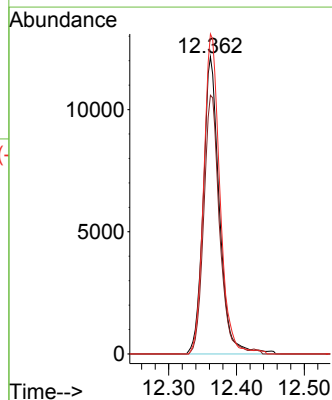
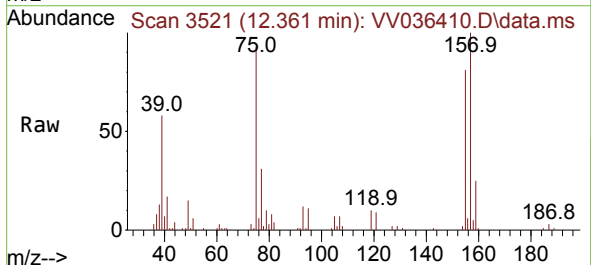
Instrument :
MSVOA_V
ClientSampleId :

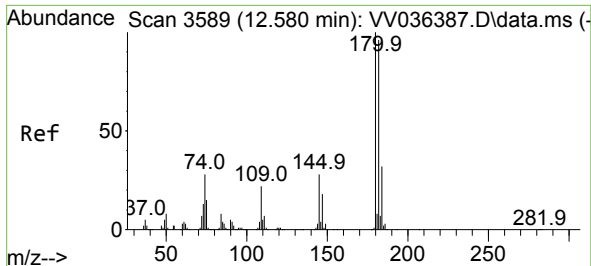
Tgt Ion:146 Resp: 252068
Ion Ratio Lower Upper
146 100
111 41.0 33.3 49.9
148 64.3 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 20.276 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion: 75 Resp: 20106
Ion Ratio Lower Upper
75 100
155 87.1 68.3 102.5
157 107.7 95.7 143.5





#69

1,3,5-Trichlorobenzene

Concen: 21.510 ug/L

RT: 12.577 min Scan# 3

Delta R.T. -0.003 min

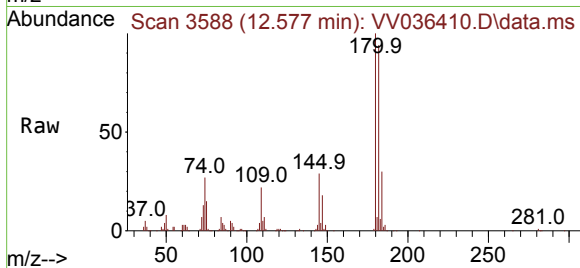
Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 199814

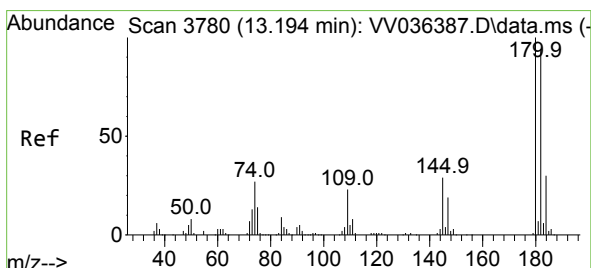
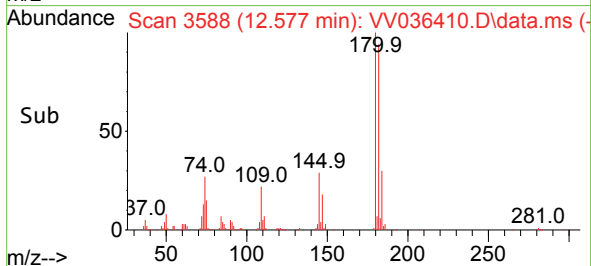
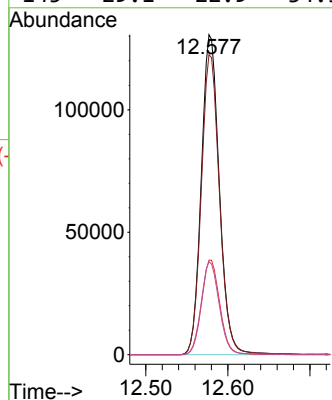
Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.4

184 29.8 23.3 34.9

145 29.1 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 21.335 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036410.D

Acq: 02 Jul 2024 10:24

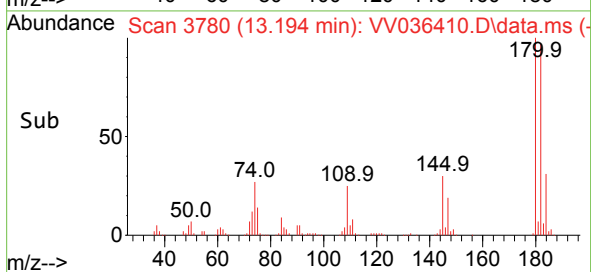
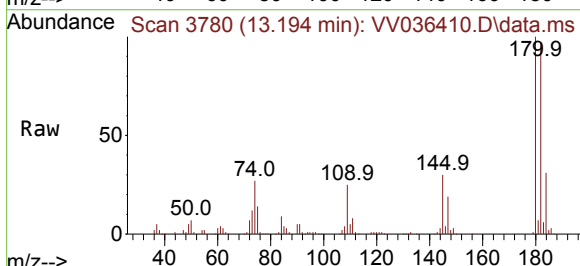
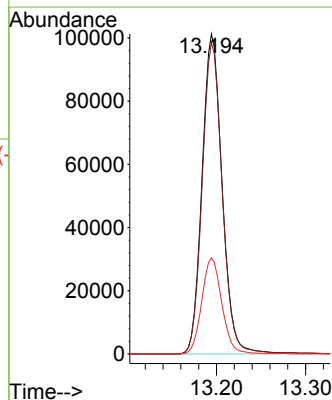
Tgt Ion:180 Resp: 158046

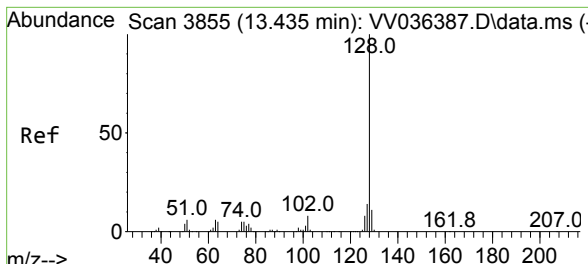
Ion Ratio Lower Upper

180 100

182 97.0 76.1 114.1

145 30.1 23.8 35.8

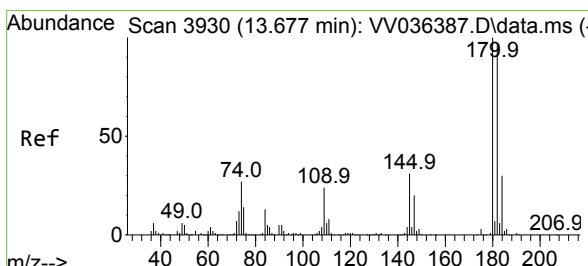
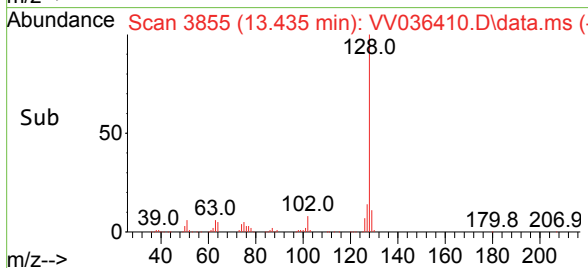
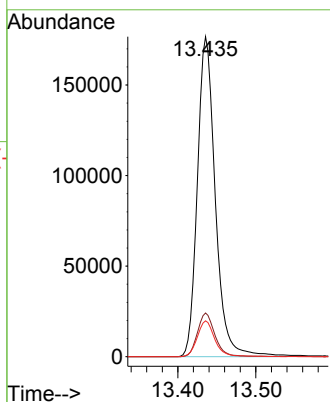
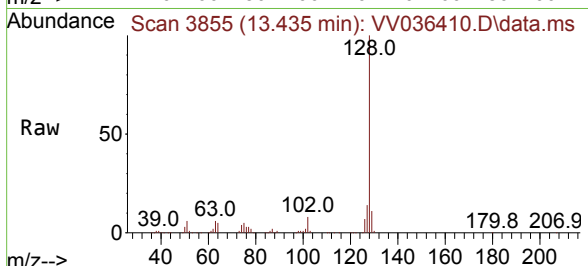




#71
Naphthalene
Concen: 21.380 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	282384
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.8	16.2
129	10.9	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 22.141 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV036410.D
Acq: 02 Jul 2024 10:24

Tgt Ion:	180	Resp:	154226
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.7	115.1
145	31.1	25.0	37.4

