

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036387.D
 Acq On : 01 Jul 2024 20:01
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.66g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 05:14:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 02:29:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	288939	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	300773	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	163537	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	119473	24.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.400%
7) Chloroethane-d5	1.526	69	101146	25.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.240%
11) 1,1-Dichloroethene-d2	2.050	65	56647	24.556	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.240%
21) 2-Butanone-d5	3.841	46	69852	61.334	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.660%
24) Chloroform-d	4.243	84	235283	27.587	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.360%
26) 1,2-Dichloroethane-d4	4.937	65	130946	28.790	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.160%
32) Benzene-d6	4.953	84	435985	25.678	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.720%
36) 1,2-Dichloropropane-d6	5.986	67	135882	26.607	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.440%
41) Toluene-d8	7.239	98	399847	26.119	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.480%
43) trans-1,3-Dichloroprop...	7.551	79	59928	26.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.120%
47) 2-Hexanone-d5	8.030	63	45121	55.349	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.700%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	121490	29.021	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	146878	24.646	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	134750	24.545	ug/L	99
3) Chloromethane	1.211	50	132531	26.670	ug/L	99
5) Vinyl chloride	1.275	62	149695	26.087	ug/L	98
6) Bromomethane	1.481	94	107595	27.879	ug/L	98
8) Chloroethane	1.542	64	96026	27.152	ug/L	99
9) Trichlorofluoromethane	1.706	101	209030	25.507	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	132417	25.759	ug/L	99
12) 1,1-Dichloroethene	2.060	96	125536	27.583	ug/L	95
13) Acetone	2.384	43	56788	36.908	ug/L	100
14) Carbon disulfide	2.230	76	379125	26.403	ug/L	100
15) Methyl Acetate	2.384	43	59206	29.902	ug/L	99
16) Methylene chloride	2.439	84	150049	26.378	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	121249	26.832	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	293440	27.896	ug/L	100
19) 1,1-Dichloroethane	3.105	63	222740	27.723	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	121373	26.705	ug/L	98
22) 2-Butanone	3.918	43	56773	43.760	ug/L	84
23) Bromochloromethane	4.143	128	69460	29.310	ug/L	95
25) Chloroform	4.269	83	244735	28.559	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036387.D
 Acq On : 01 Jul 2024 20:01
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.66g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 05:14:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 02:29:42 2024
 Response via : Initial Calibration

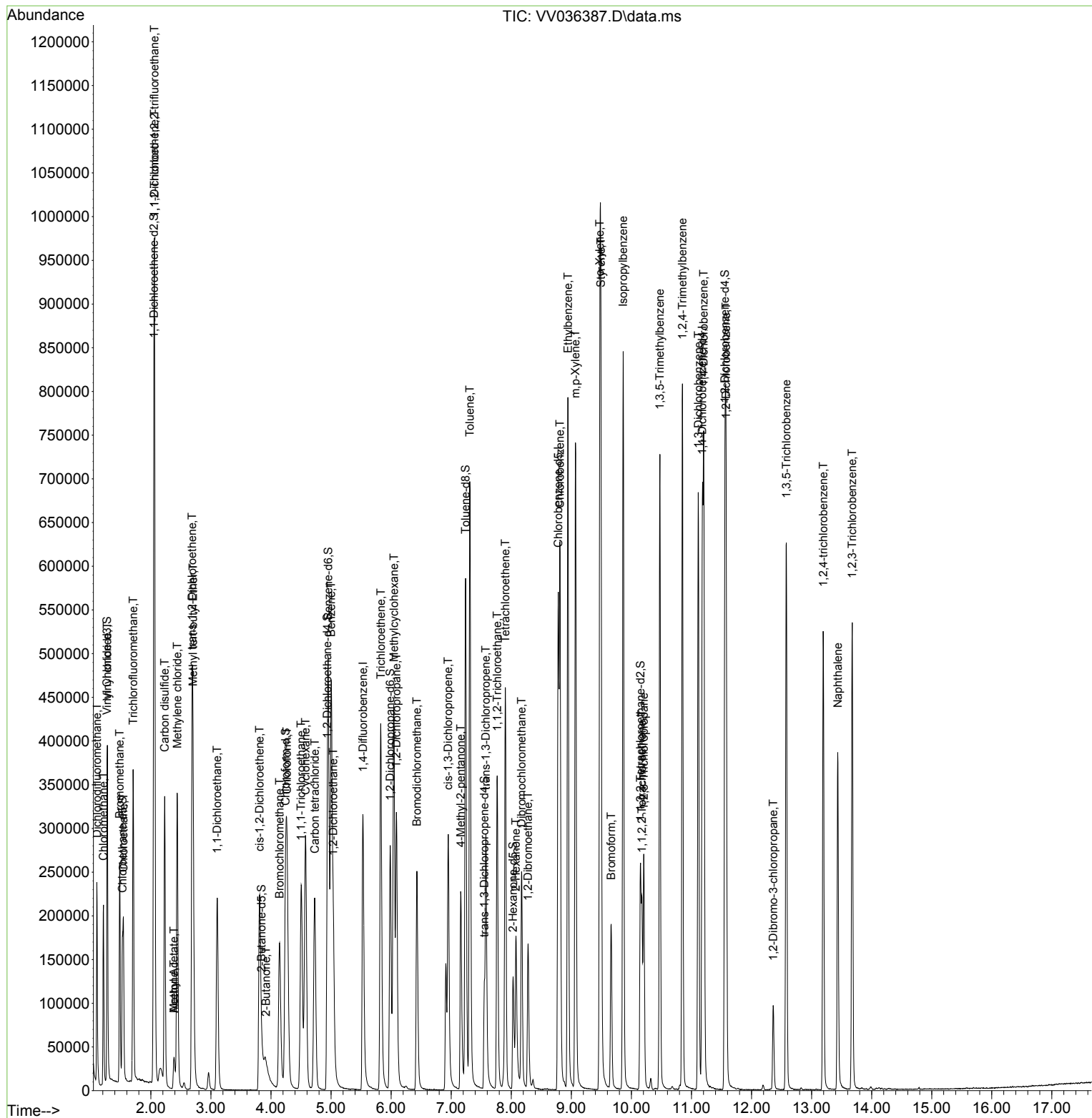
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	160311	28.891	ug/L	99
29) Cyclohexane	4.577	56	142972	22.312	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	196804	26.389	ug/L	99
31) Carbon tetrachloride	4.728	117	172403	25.945	ug/L	99
33) Benzene	5.002	78	492034	27.620	ug/L	100
34) Trichloroethene	5.828	95	148084	26.342	ug/L	99
35) Methylcyclohexane	6.047	83	183726	23.451	ug/L	99
37) 1,2-Dichloropropane	6.088	63	127372	27.996	ug/L	98
38) Bromodichloromethane	6.429	83	176184	28.313	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	183083	26.169	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	151491	59.040	ug/L	98
42) Toluene	7.310	91	522678	28.060	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	171443	27.245	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	114773	28.540	ug/L	99
46) Tetrachloroethene	7.902	164	105817	25.900	ug/L	98
48) 2-Hexanone	8.079	43	110684	54.840	ug/L	98
49) Dibromochloromethane	8.172	129	129616	28.913	ug/L	99
50) 1,2-Dibromoethane	8.278	107	113556	28.664	ug/L	98
51) Chlorobenzene	8.812	112	342146	26.871	ug/L	98
52) Ethylbenzene	8.944	91	534520	26.591	ug/L	100
53) m,p-Xylene	9.069	106	208123	27.780	ug/L	99
54) o-Xylene	9.474	106	195217	27.709	ug/L	97
55) Styrene	9.493	104	371692	30.103	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	102279	28.417	ug/L	97
59) Bromoform	9.664	173	86965	28.092	ug/L	99
60) Isopropylbenzene	9.863	105	521773	26.394	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	105563	28.603	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	368676	26.060	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	414553	26.965	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	280801	27.260	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	294644	26.684	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	269156	27.370	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	24158	29.177	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	197171	25.420	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	163005	26.353	ug/L	98
71) Naphthalene	13.435	128	301950	27.379	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	161982	27.849	ug/L	100

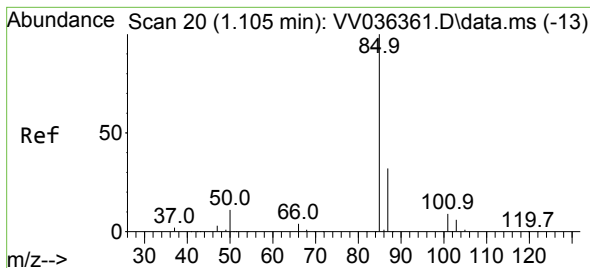
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036387.D
 Acq On : 01 Jul 2024 20:01
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.66g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 05:14:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 02:29:42 2024
 Response via : Initial Calibration

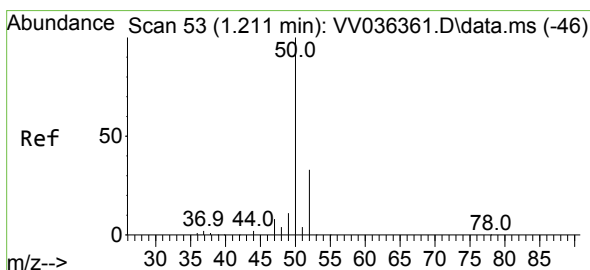
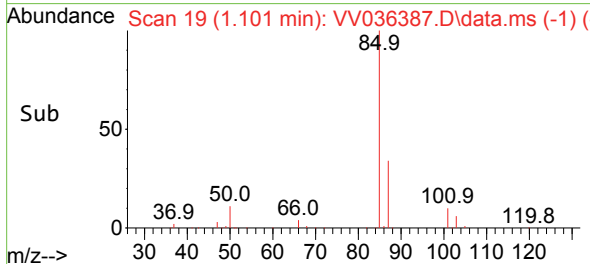
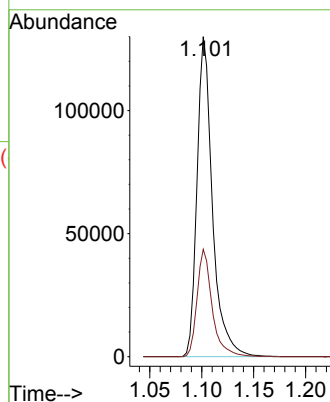
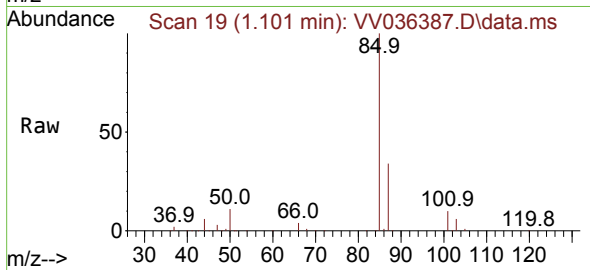




#2
Dichlorodifluoromethane
Concen: 24.545 ug/L
RT: 1.101 min Scan# 19
Delta R.T. -0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

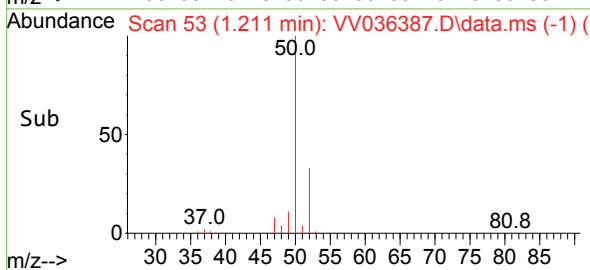
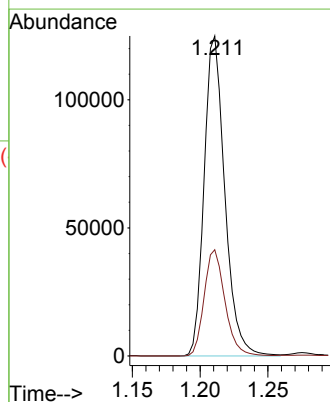
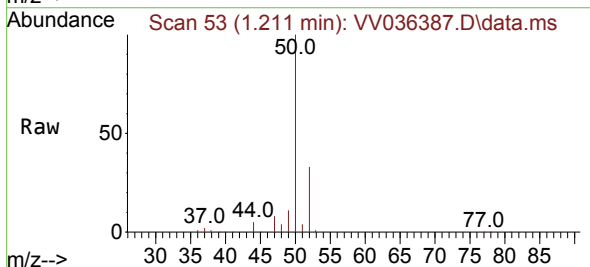
Instrument :
MSVOA_V
ClientSampleId :

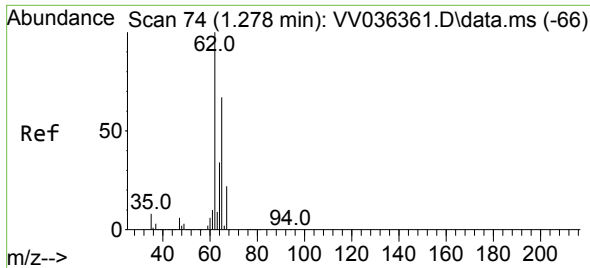
Tgt Ion: 85 Resp: 134750
Ion Ratio Lower Upper
85 100
87 32.9 25.9 38.9



#3
Chloromethane
Concen: 26.670 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Tgt Ion: 50 Resp: 132531
Ion Ratio Lower Upper
50 100
52 33.2 23.5 43.7

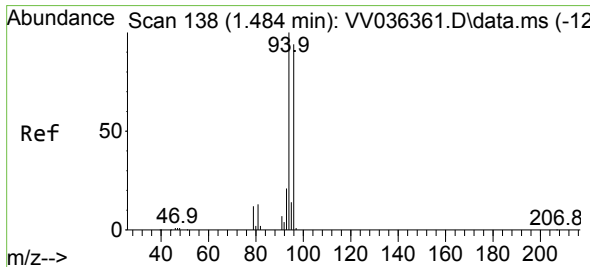
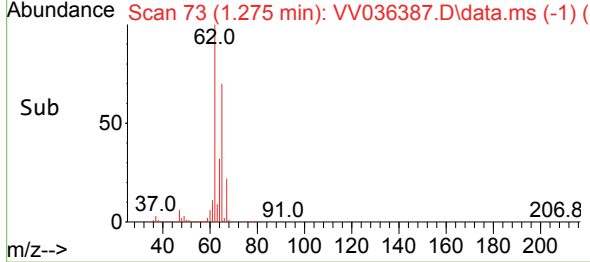
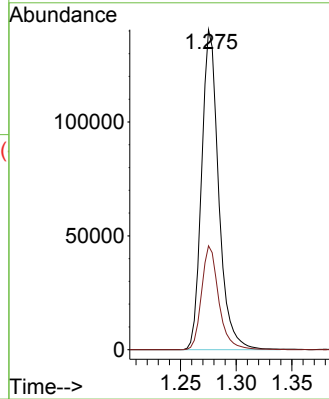
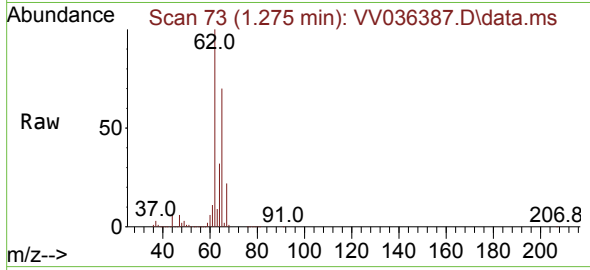




#5
 Vinyl chloride
 Concen: 26.087 ug/L
 RT: 1.275 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV036387.D
 Acq: 01 Jul 2024 20:01

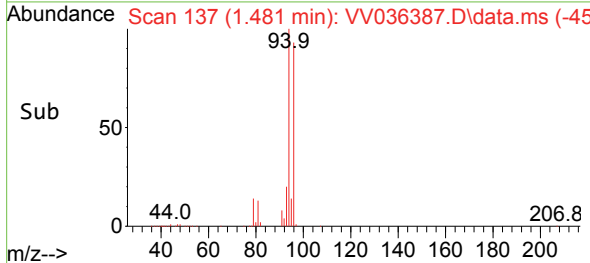
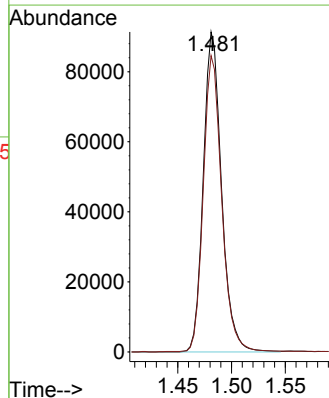
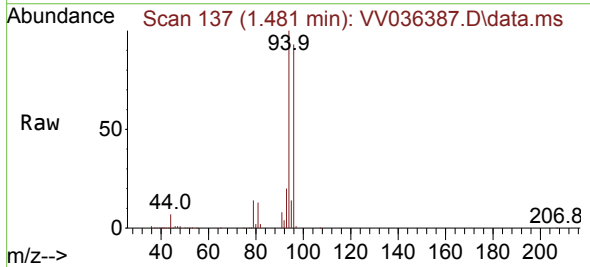
Instrument :
 MSVOA_V
 ClientSampleId :

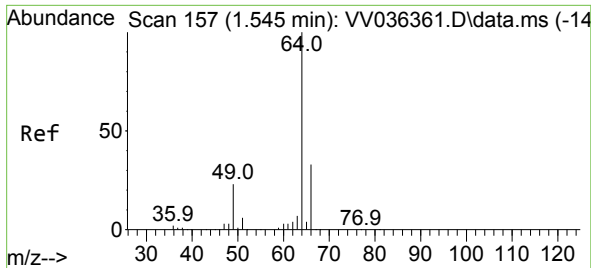
Tgt Ion: 62 Resp: 149695
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.4 43.4



#6
 Bromomethane
 Concen: 27.879 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV036387.D
 Acq: 01 Jul 2024 20:01

Tgt Ion: 94 Resp: 107595
 Ion Ratio Lower Upper
 94 100
 96 92.6 66.1 122.7

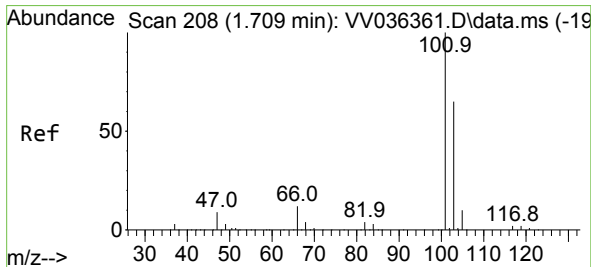
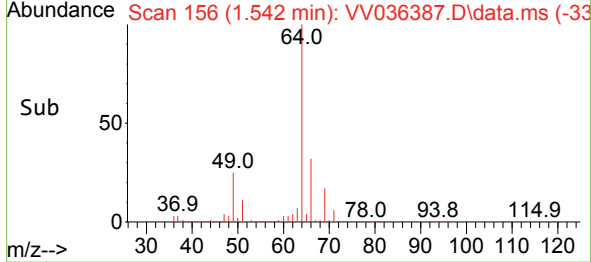
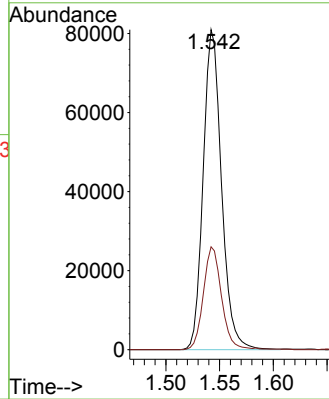
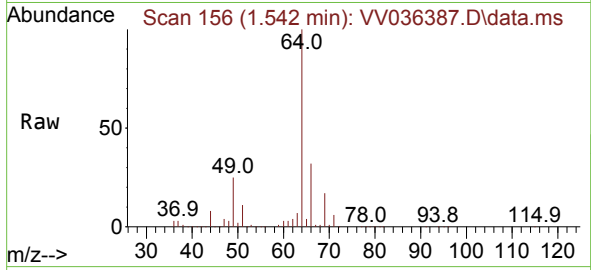




#8
Chloroethane
Concen: 27.152 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

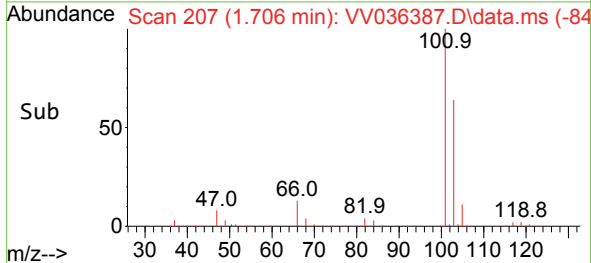
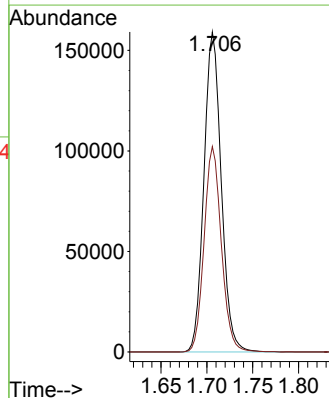
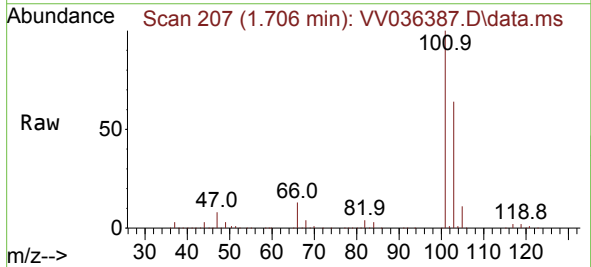
Instrument :
MSVOA_V
ClientSampleId :

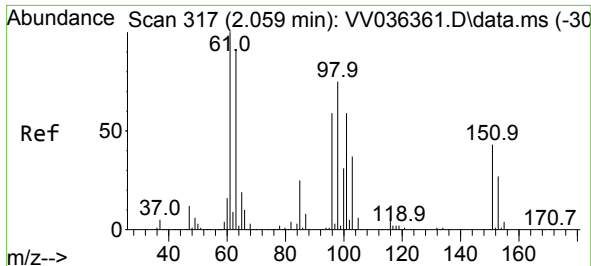
Tgt Ion: 64 Resp: 96026
Ion Ratio Lower Upper
64 100
66 32.2 23.0 42.6



#9
Trichlorofluoromethane
Concen: 25.507 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Tgt Ion:101 Resp: 209030
Ion Ratio Lower Upper
101 100
103 63.9 51.7 77.5

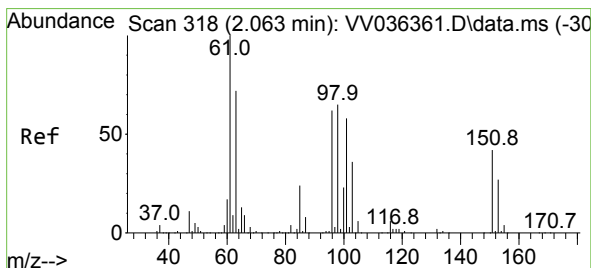
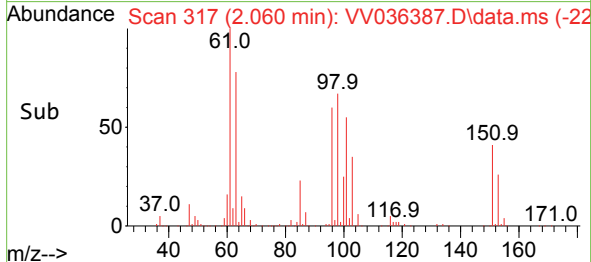
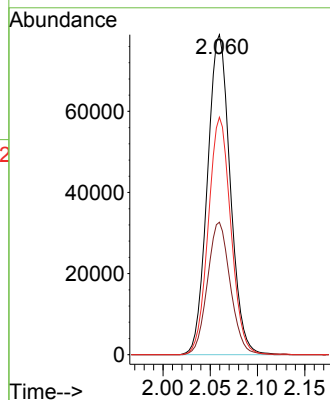
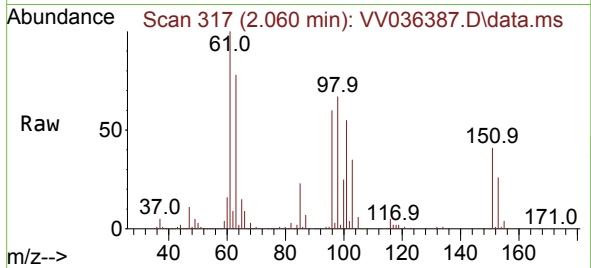




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.759 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

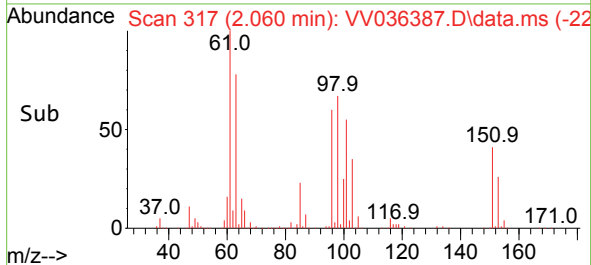
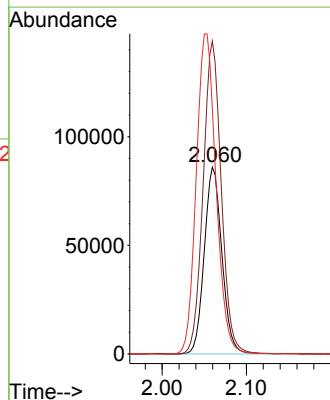
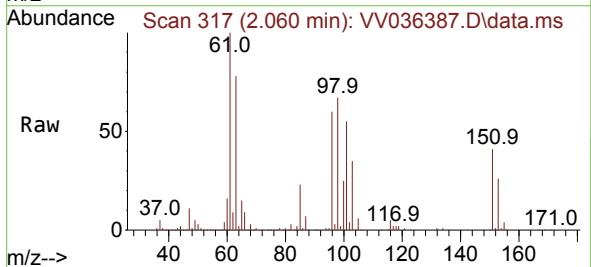
Instrument :
MSVOA_V
ClientSampleId :

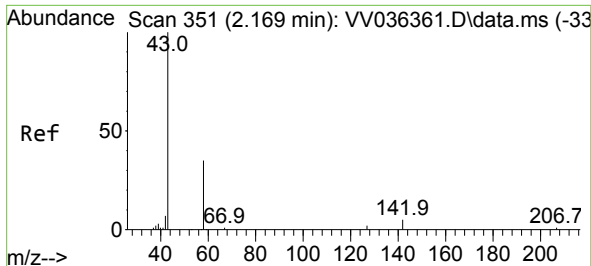
Tgt Ion:101 Resp: 132417
Ion Ratio Lower Upper
101 100
85 41.5 34.6 51.8
151 73.4 58.9 88.3



#12
1,1-Dichloroethene
Concen: 27.583 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Tgt Ion: 96 Resp: 125536
Ion Ratio Lower Upper
96 100
61 167.4 122.6 227.8
63 131.1 96.1 178.5





#13

Acetone

Concen: 36.908 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.216 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

Instrument :

MSVOA_V

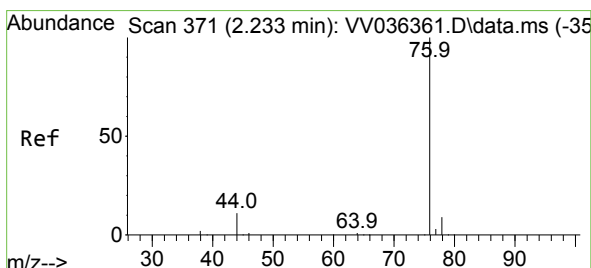
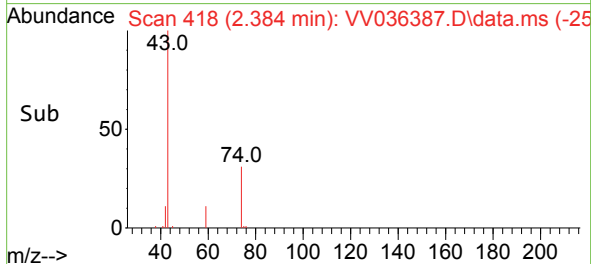
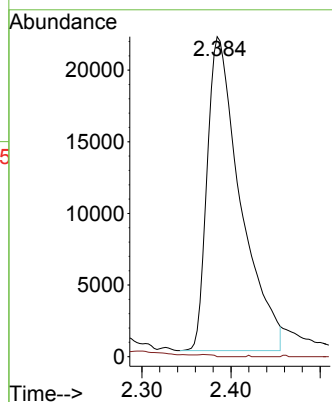
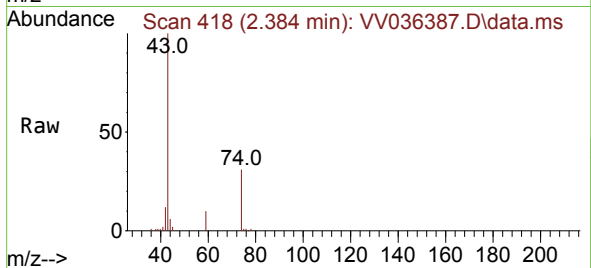
ClientSampleId :

Tgt Ion: 43 Resp: 56788

Ion Ratio Lower Upper

43 100

58 0.3 0.0 0.6



#14

Carbon disulfide

Concen: 26.403 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.003 min

Lab File: VV036387.D

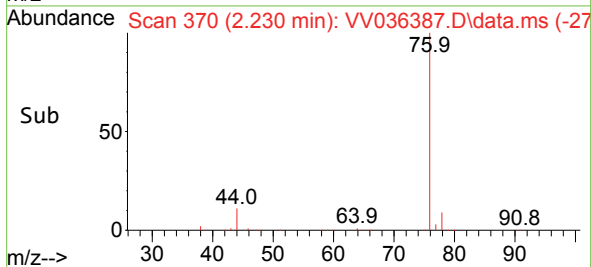
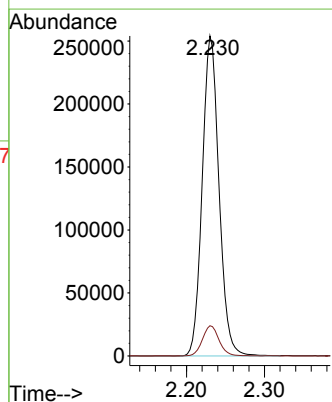
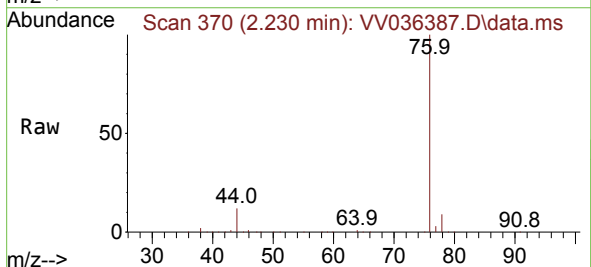
Acq: 01 Jul 2024 20:01

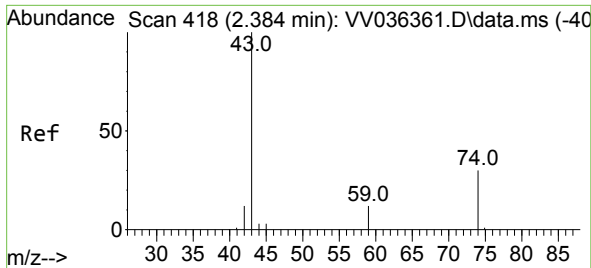
Tgt Ion: 76 Resp: 379125

Ion Ratio Lower Upper

76 100

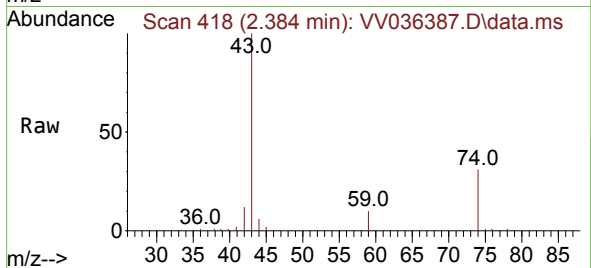
78 9.4 7.4 11.2



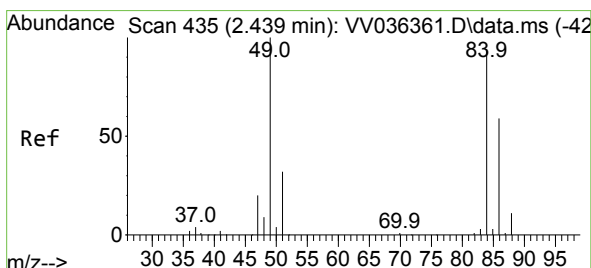
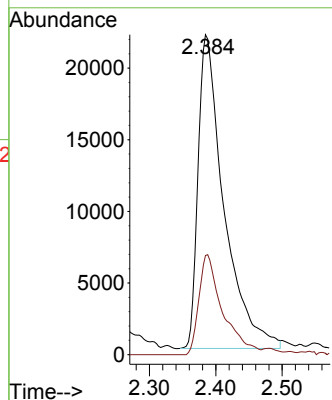
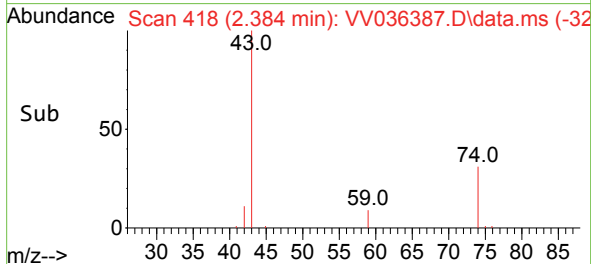


#15
Methyl Acetate
Concen: 29.902 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

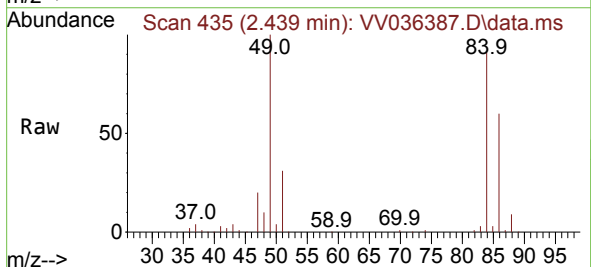
Instrument :
MSVOA_V
ClientSampleId :



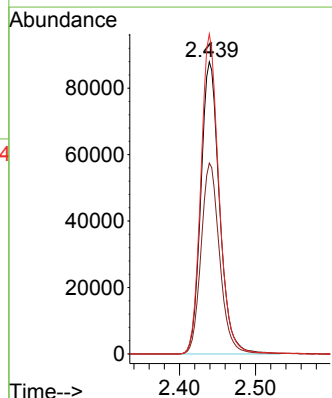
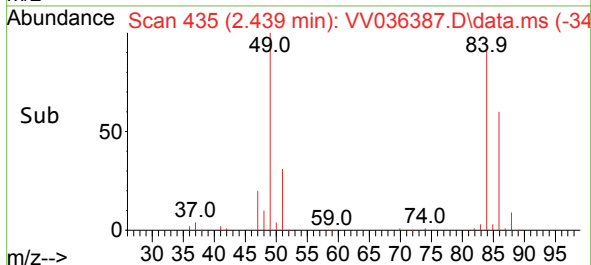
Tgt Ion: 43 Resp: 59206
Ion Ratio Lower Upper
43 100
74 29.4 23.8 35.6

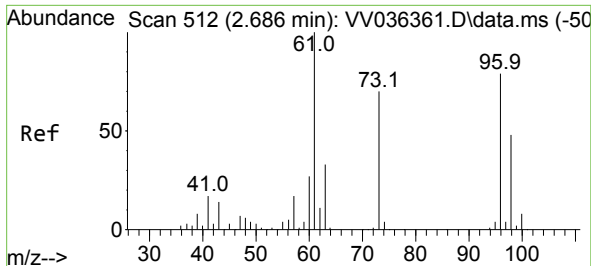


#16
Methylene chloride
Concen: 26.378 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01



Tgt Ion: 84 Resp: 150049
Ion Ratio Lower Upper
84 100
86 65.4 45.6 84.8
49 109.5 75.7 140.5





#17

trans-1,2-Dichloroethene

Concen: 26.832 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :

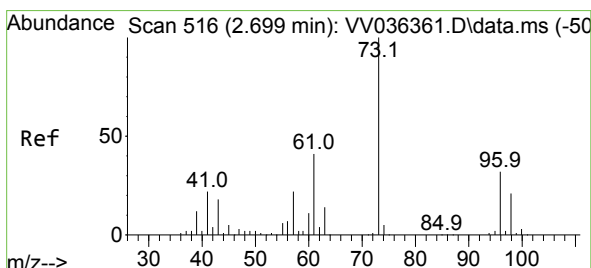
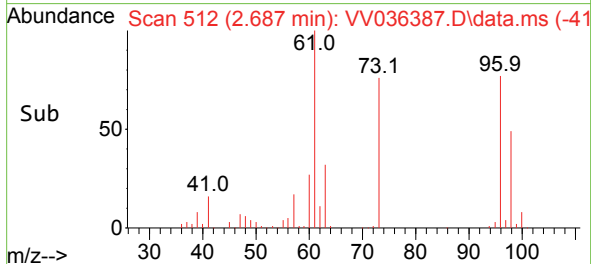
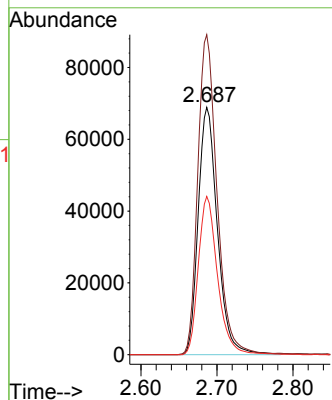
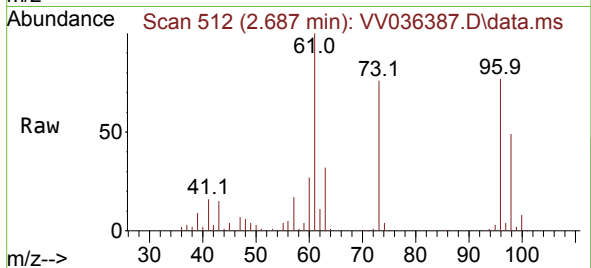
Tgt Ion: 96 Resp: 121249

Ion Ratio Lower Upper

96 100

61 129.3 89.8 166.8

98 63.9 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 27.896 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

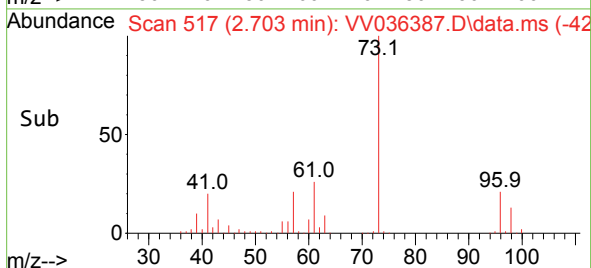
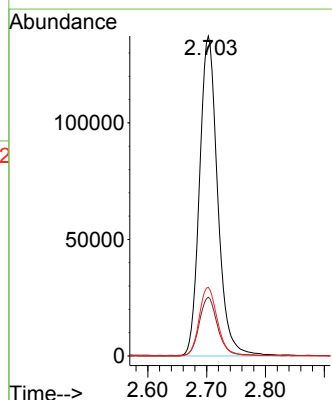
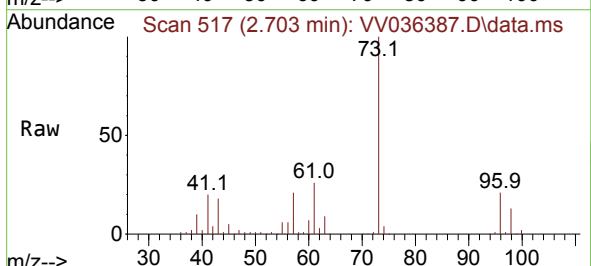
Tgt Ion: 73 Resp: 293440

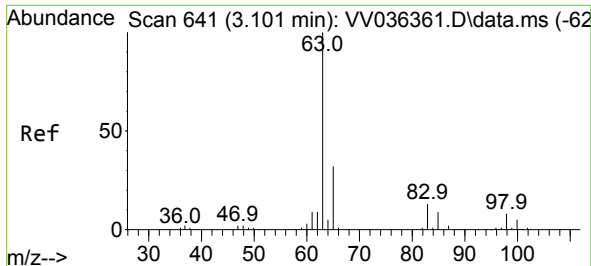
Ion Ratio Lower Upper

73 100

43 18.3 14.7 22.1

57 21.6 17.0 25.6





#19

1,1-Dichloroethane

Concen: 27.723 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :

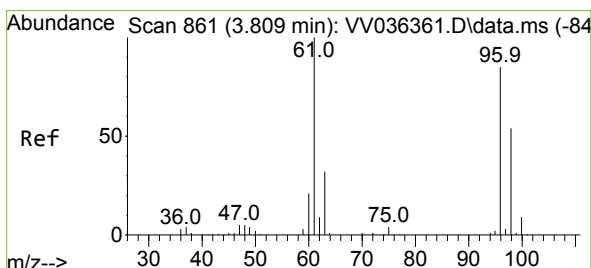
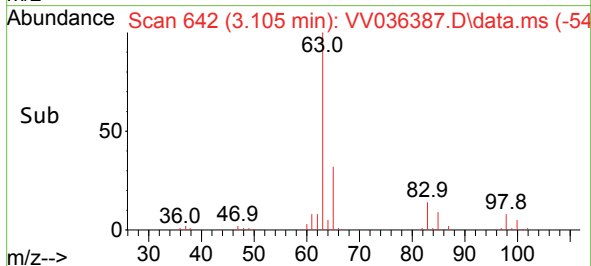
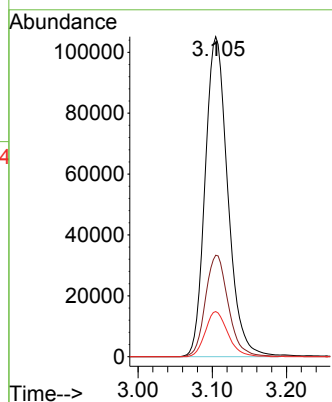
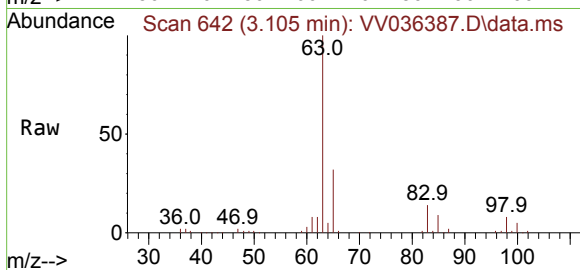
Tgt Ion: 63 Resp: 222740

Ion Ratio Lower Upper

63 100

65 31.7 22.1 41.1

83 14.1 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 26.705 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

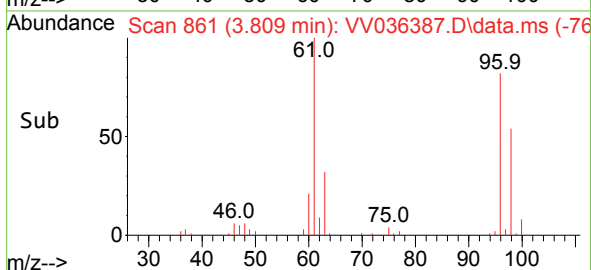
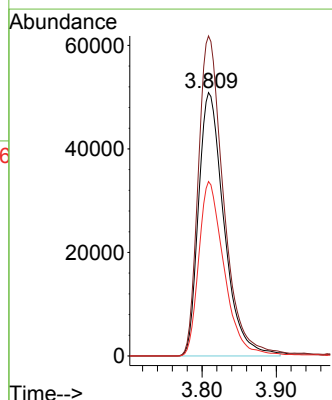
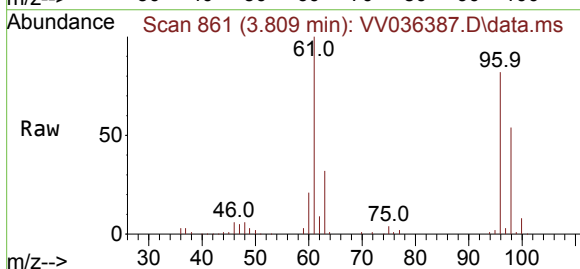
Tgt Ion: 96 Resp: 121373

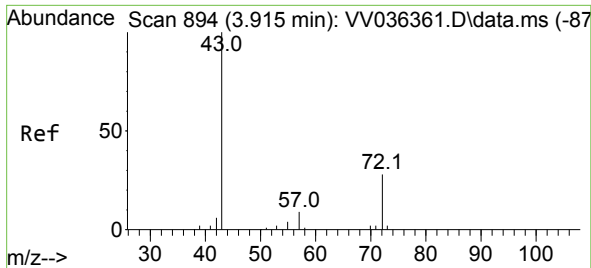
Ion Ratio Lower Upper

96 100

61 121.5 83.7 155.5

98 66.2 44.2 82.0

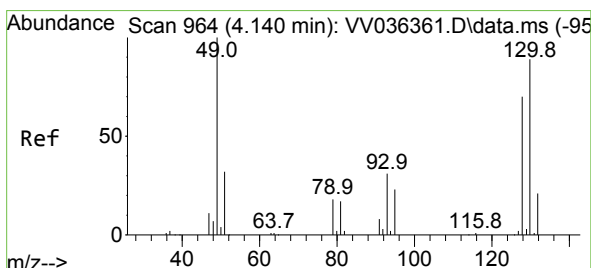
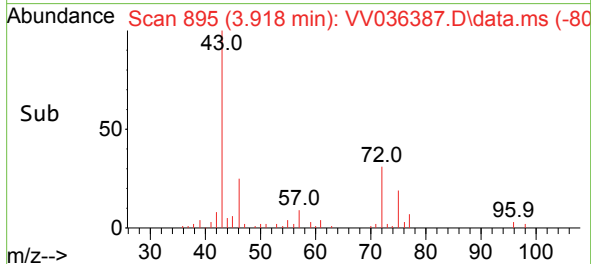
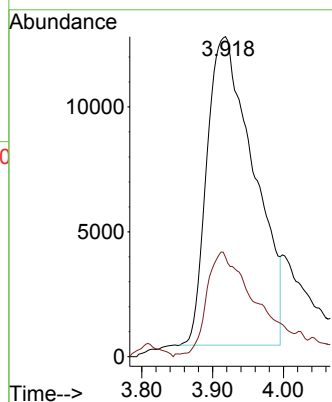
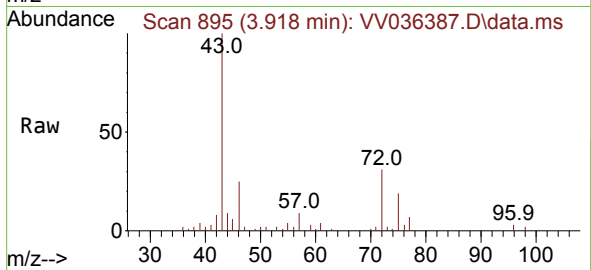




#22
2-Butanone
Concen: 43.760 ug/L
RT: 3.918 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

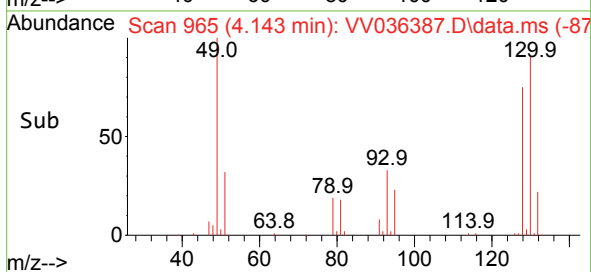
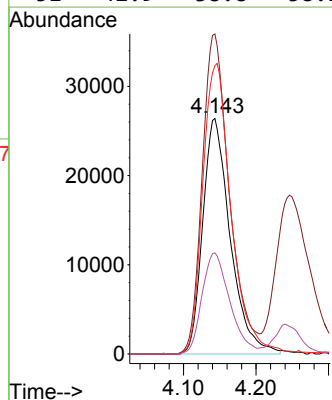
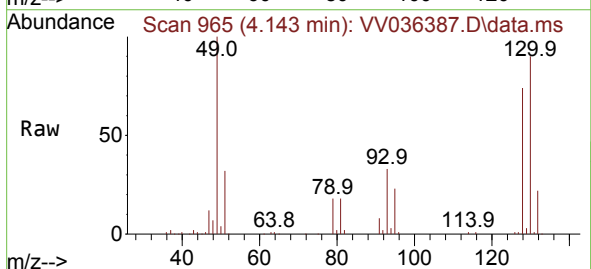
Instrument :
MSVOA_V
ClientSampleId :

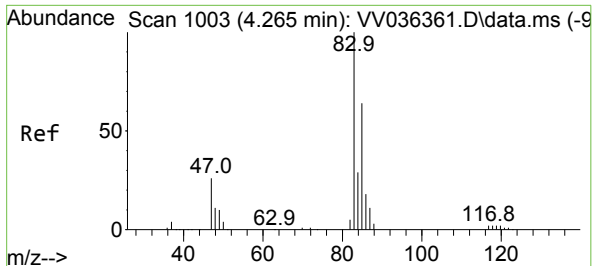
Tgt Ion: 43 Resp: 56773
Ion Ratio Lower Upper
43 100
72 34.2 12.9 38.7



#23
Bromochloromethane
Concen: 29.310 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Tgt Ion: 128 Resp: 69460
Ion Ratio Lower Upper
128 100
49 135.9 99.2 184.2
130 122.4 88.9 165.1
51 42.9 38.8 58.2

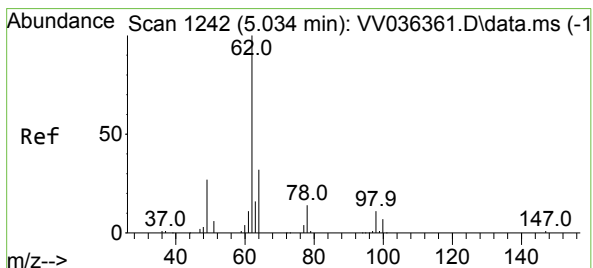
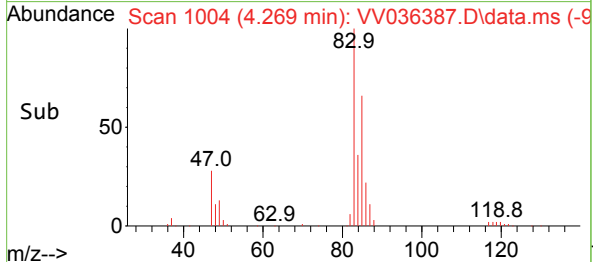
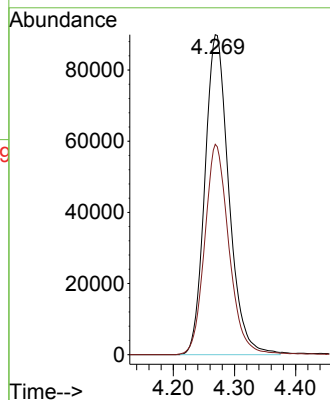
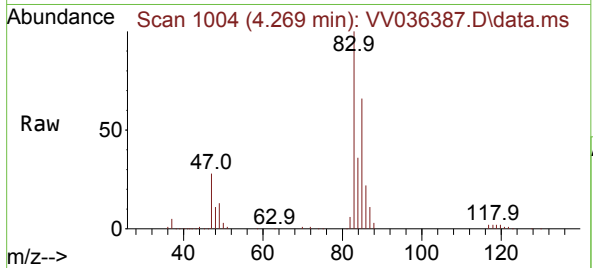




#25
Chloroform
Concen: 28.559 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

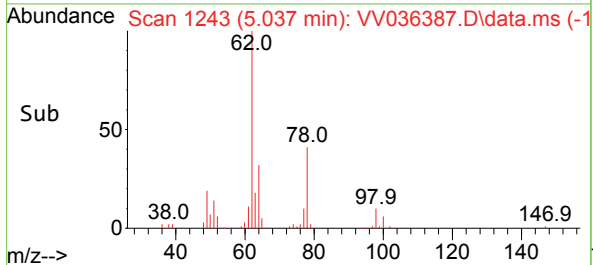
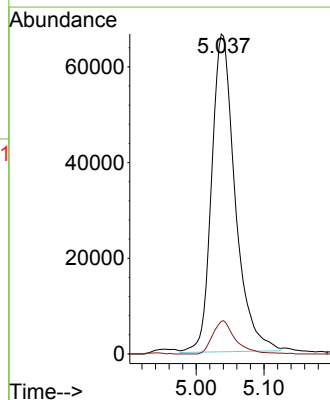
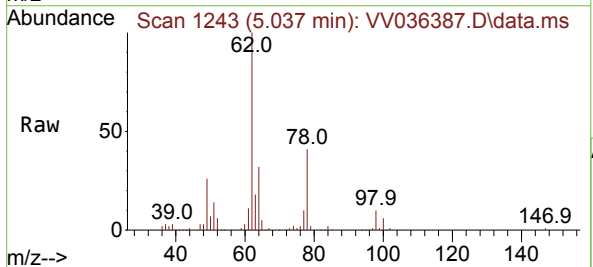
Instrument :
MSVOA_V
ClientSampleId :

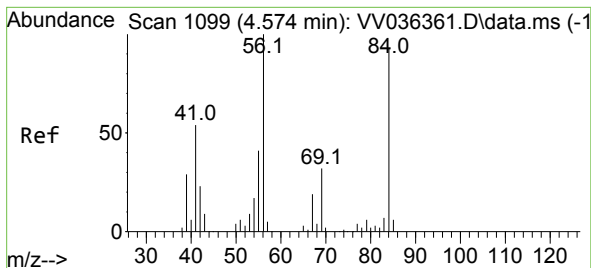
Tgt Ion: 83 Resp: 244735
Ion Ratio Lower Upper
83 100
85 65.7 45.0 83.6



#27
1,2-Dichloroethane
Concen: 28.891 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Tgt Ion: 62 Resp: 160311
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8





#29

Cyclohexane

Concen: 22.312 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

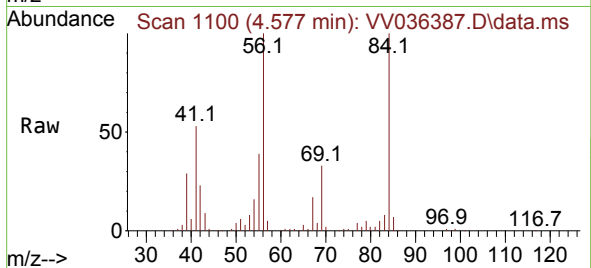
Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :



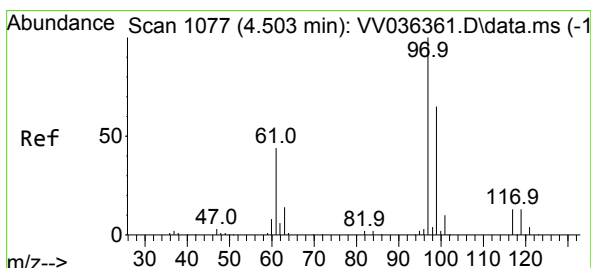
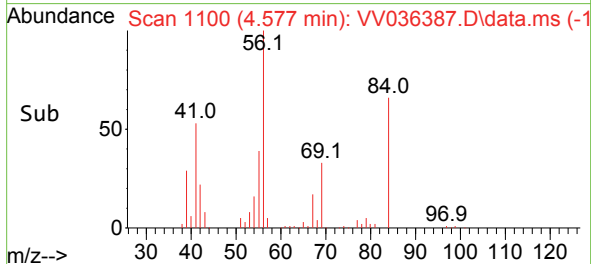
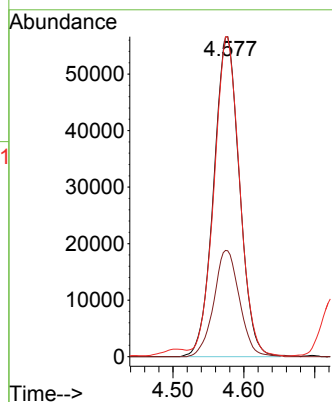
Tgt Ion: 56 Resp: 142972

Ion Ratio Lower Upper

56 100

69 33.1 26.0 39.0

84 98.5 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 26.389 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

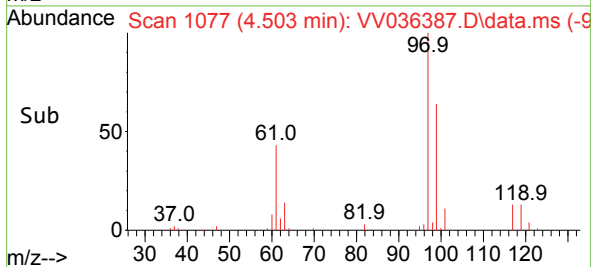
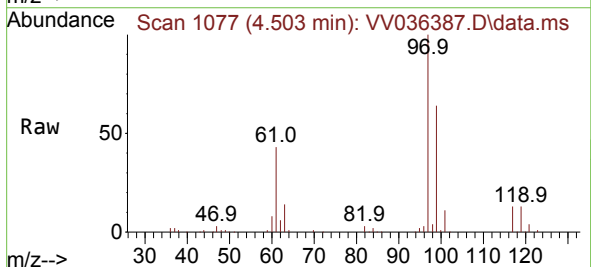
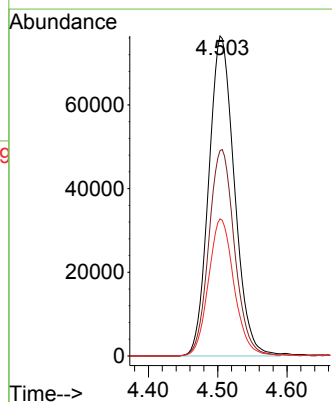
Tgt Ion: 97 Resp: 196804

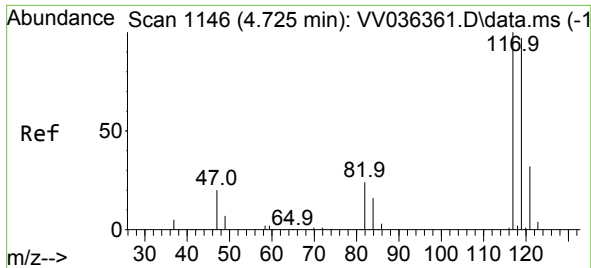
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

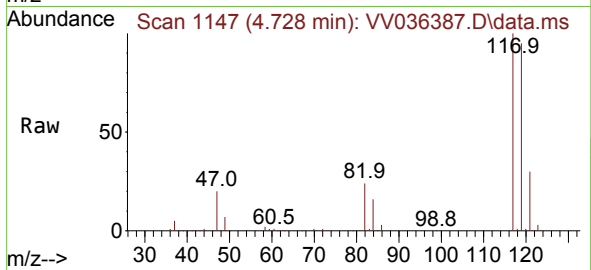
61 42.8 34.8 52.2



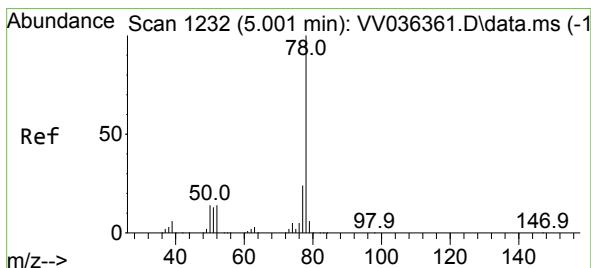
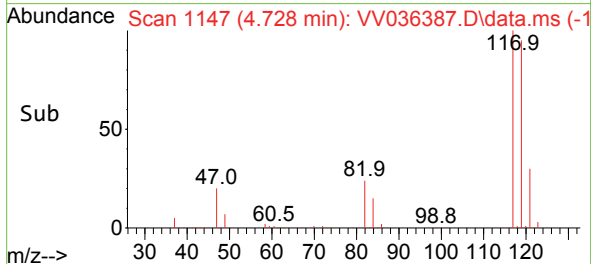
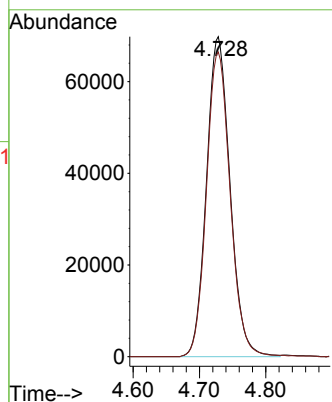


#31
Carbon tetrachloride
Concen: 25.945 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Instrument :
MSVOA_V
ClientSampleId :

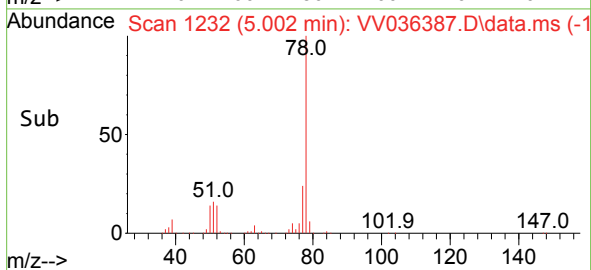
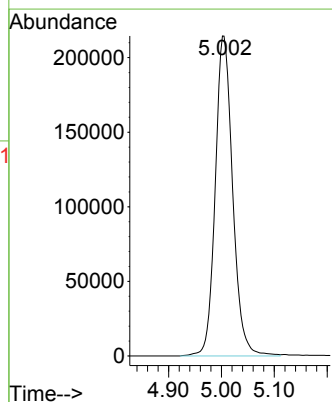
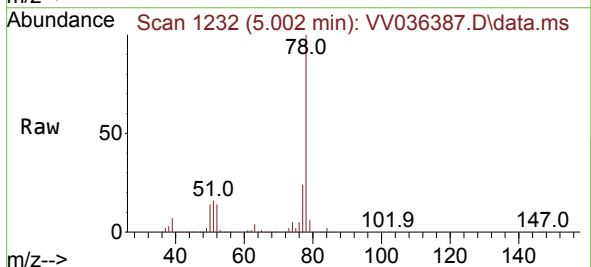


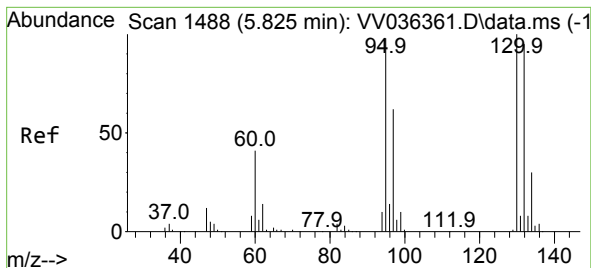
Tgt Ion:117 Resp: 172403
Ion Ratio Lower Upper
117 100
119 95.9 77.2 115.8



#33
Benzene
Concen: 27.620 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Tgt Ion: 78 Resp: 492034





#34

Trichloroethene

Concen: 26.342 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 148084

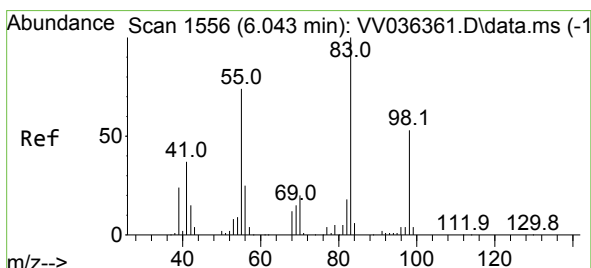
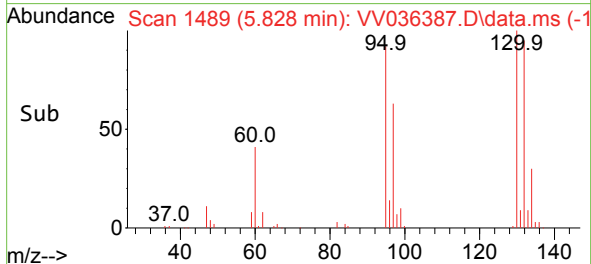
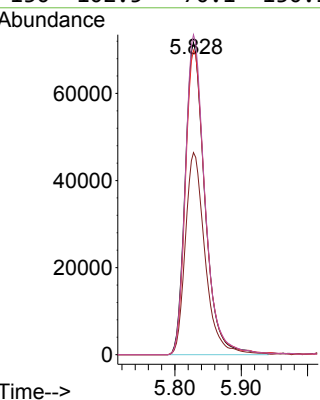
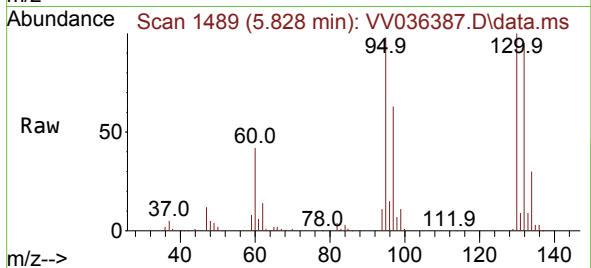
Ion Ratio Lower Upper

95 100

97 64.7 45.1 83.7

132 97.5 67.7 125.7

130 102.5 70.1 130.1



#35

Methylcyclohexane

Concen: 23.451 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

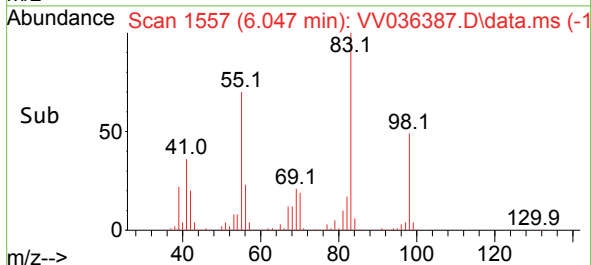
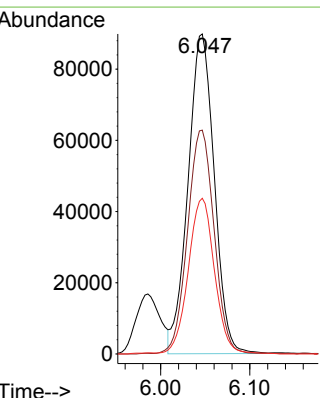
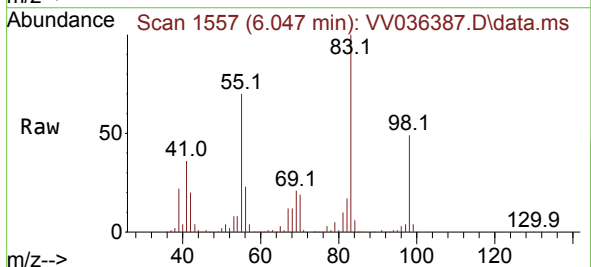
Tgt Ion: 83 Resp: 183726

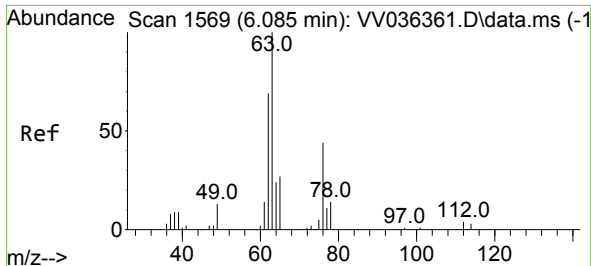
Ion Ratio Lower Upper

83 100

55 70.8 56.0 84.0

98 48.9 39.0 58.6





#37

1,2-Dichloropropane

Concen: 27.996 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

Instrument :

MSVOA_V

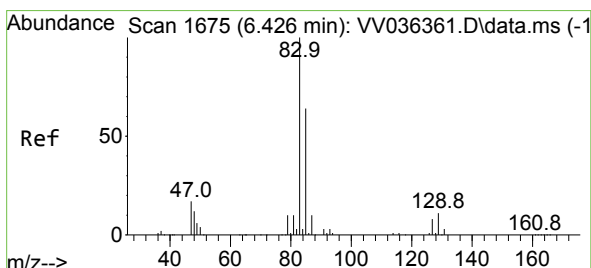
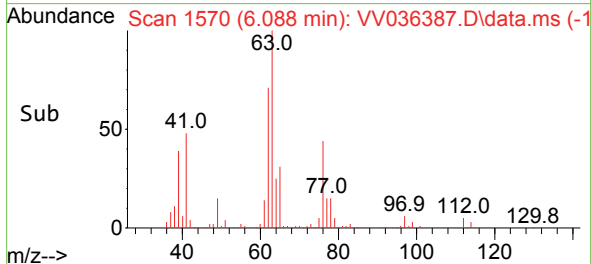
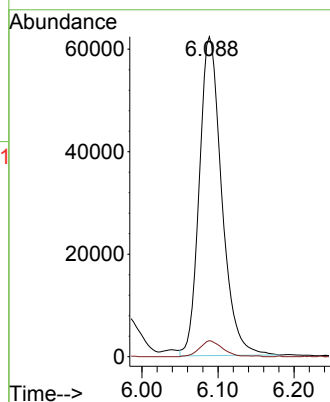
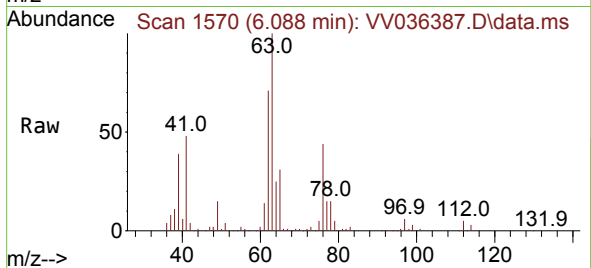
ClientSampleId :

Tgt Ion: 63 Resp: 127372

Ion Ratio Lower Upper

63 100

112 5.1 3.4 5.2



#38

Bromodichloromethane

Concen: 28.313 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

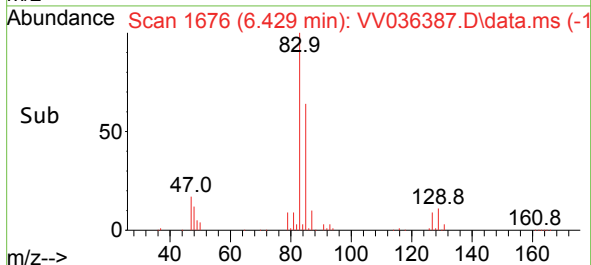
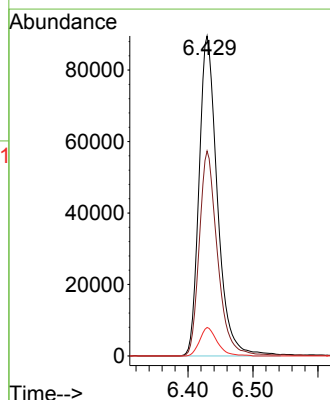
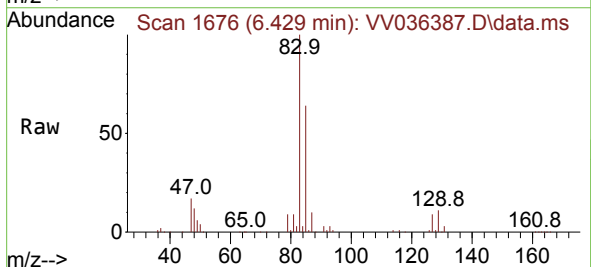
Tgt Ion: 83 Resp: 176184

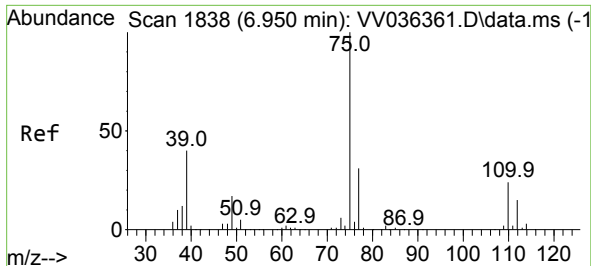
Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.5

127 8.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 26.169 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

Instrument :

MSVOA_V

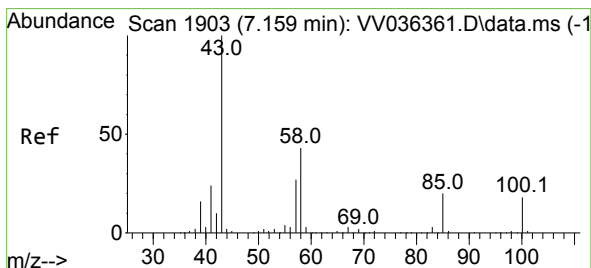
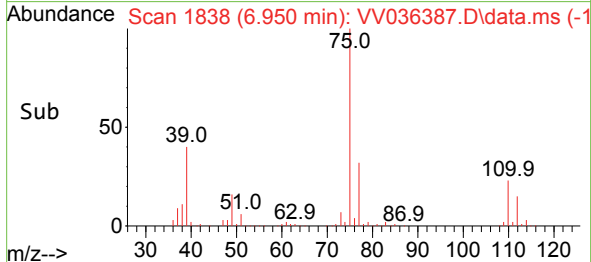
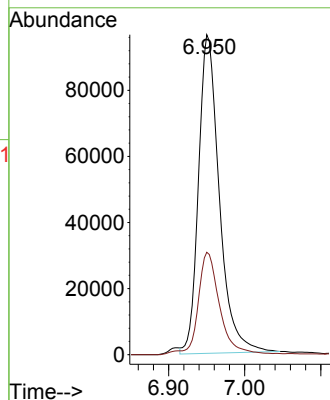
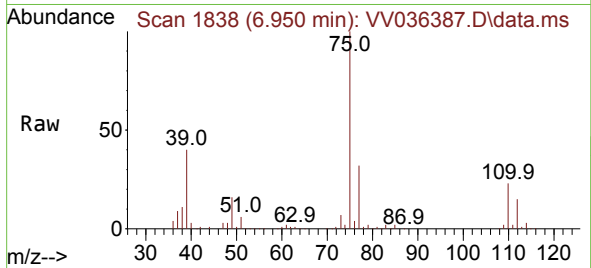
ClientSampleId :

Tgt Ion: 75 Resp: 183083

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 59.040 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

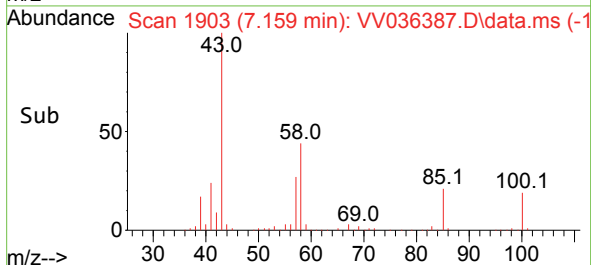
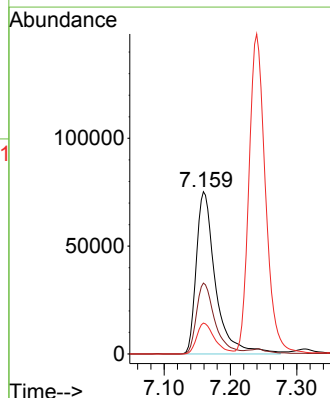
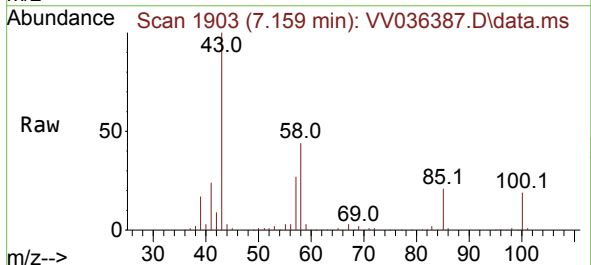
Tgt Ion: 43 Resp: 151491

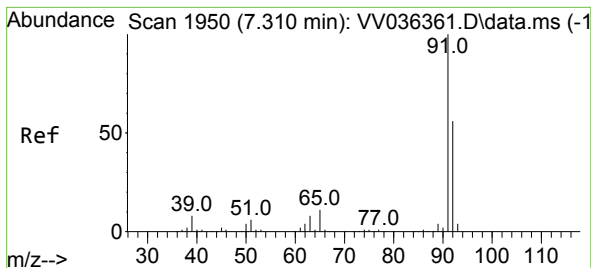
Ion Ratio Lower Upper

43 100

58 41.8 34.8 52.2

100 17.8 14.6 21.8





#42

Toluene

Concen: 28.060 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

Instrument :

MSVOA_V

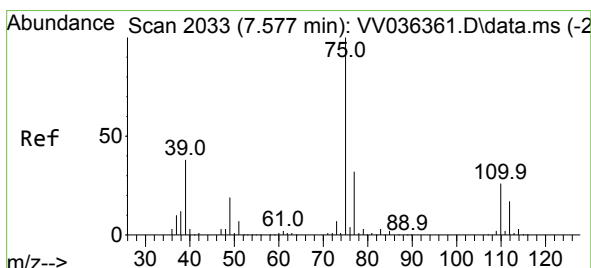
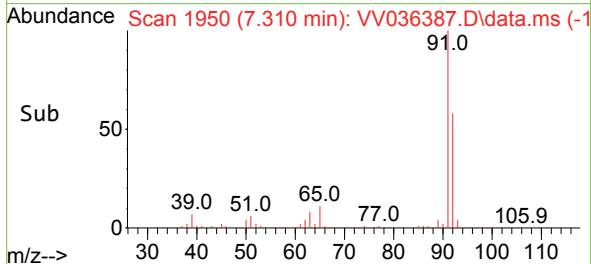
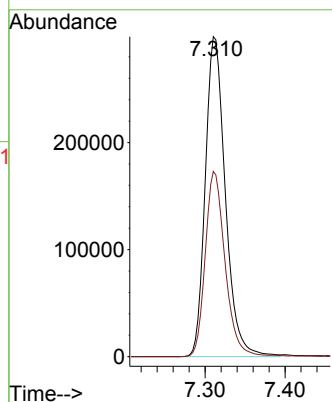
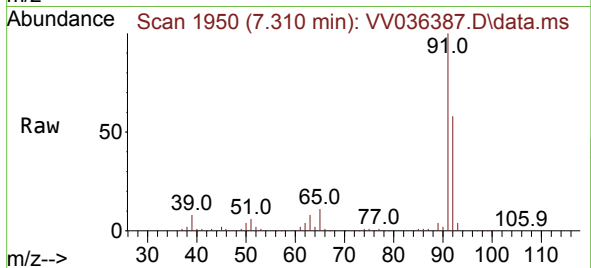
ClientSampleId :

Tgt Ion: 91 Resp: 522678

Ion Ratio Lower Upper

91 100

92 57.9 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 27.245 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036387.D

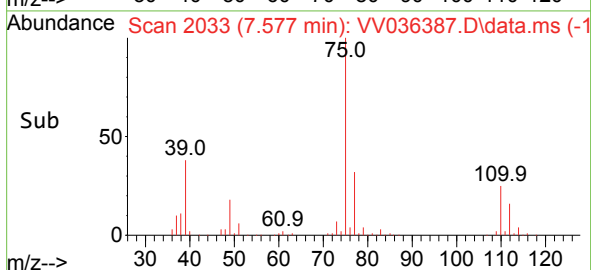
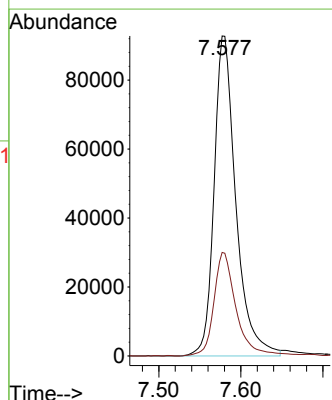
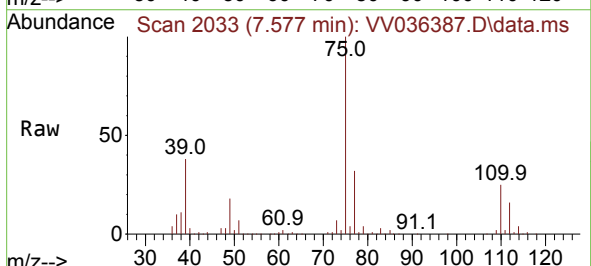
Acq: 01 Jul 2024 20:01

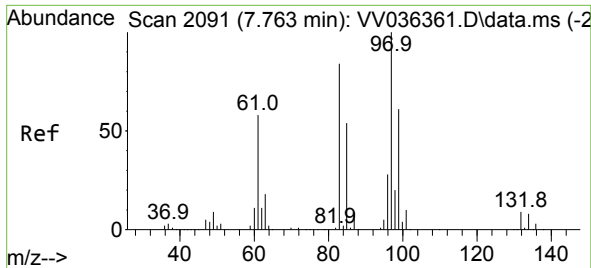
Tgt Ion: 75 Resp: 171443

Ion Ratio Lower Upper

75 100

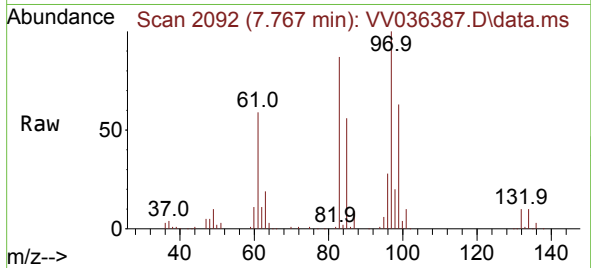
77 32.3 22.5 41.9



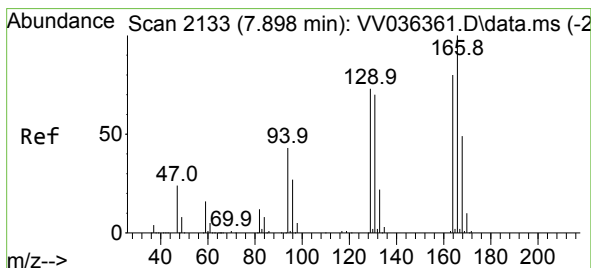
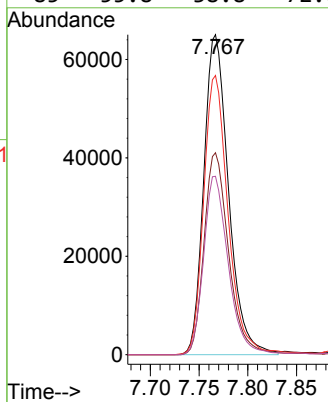
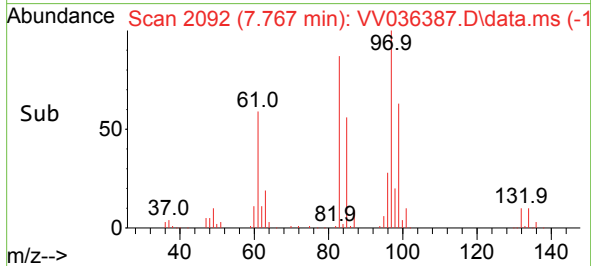


#45
1,1,2-Trichloroethane
Concen: 28.540 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Instrument :
MSVOA_V
ClientSampleId :

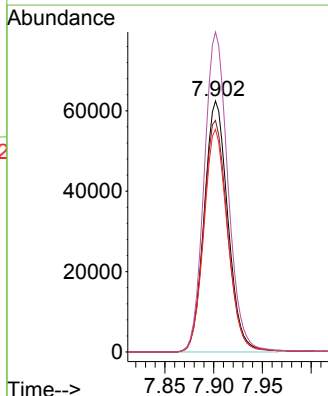
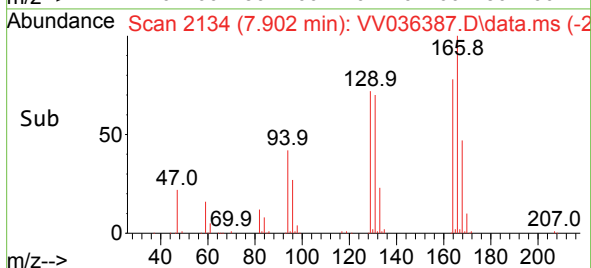
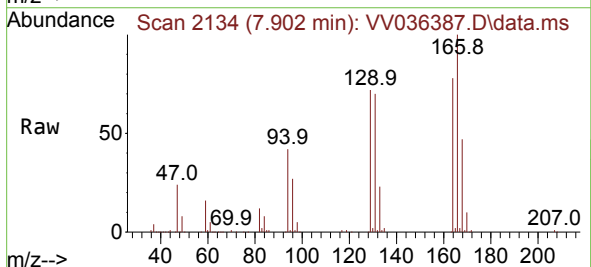


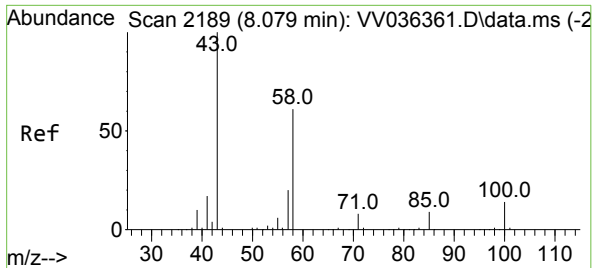
Tgt Ion:	97	Resp:	114773
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.8	81.3
83	87.2	60.6	112.6
85	55.8	38.8	72.0



#46
Tetrachloroethene
Concen: 25.900 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Tgt Ion:	164	Resp:	105817
Ion	Ratio	Lower	Upper
164	100		
129	92.2	65.9	122.5
131	88.7	63.3	117.7
166	127.5	90.3	167.7



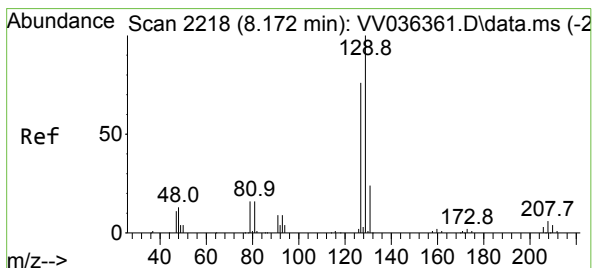
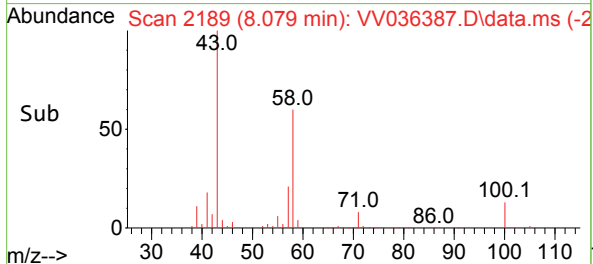
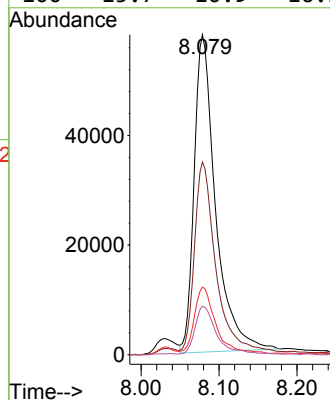
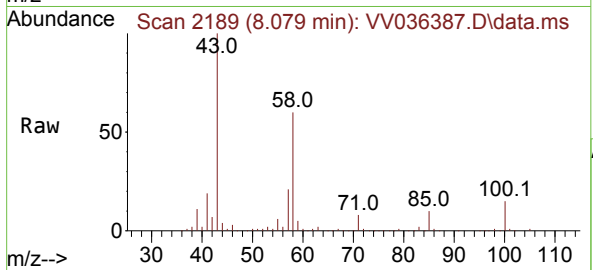


#48
2-Hexanone
Concen: 54.840 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 110684

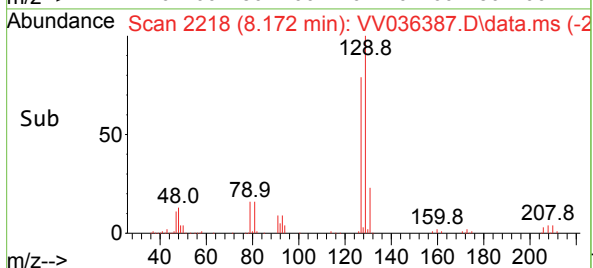
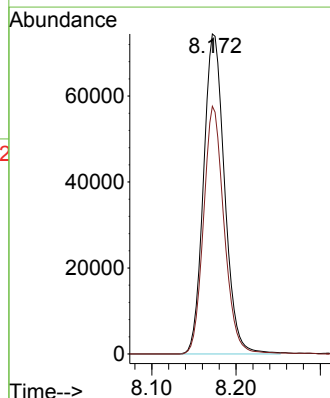
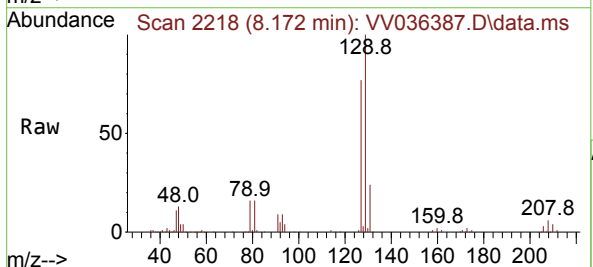
Ion	Ratio	Lower	Upper
43	100		
58	60.0	48.5	72.7
57	21.0	15.8	23.6
100	15.7	10.9	16.3

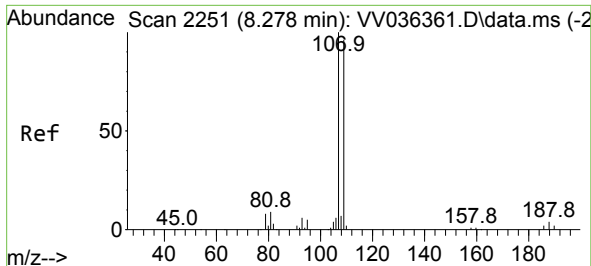


#49
Dibromochloromethane
Concen: 28.913 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Tgt Ion: 129 Resp: 129616

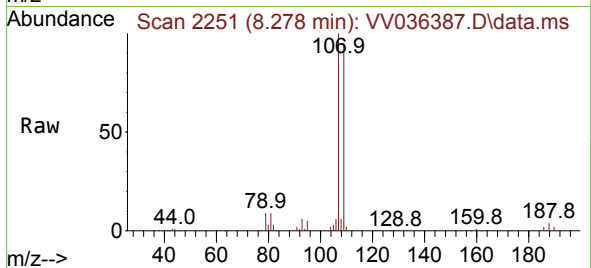
Ion	Ratio	Lower	Upper
129	100		
127	77.4	54.9	101.9



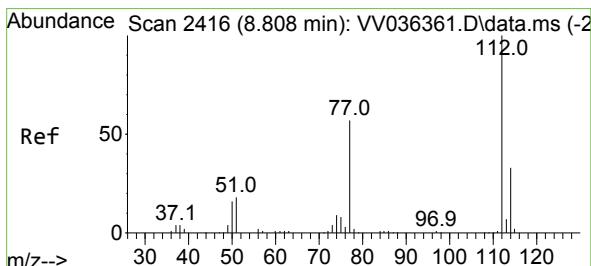
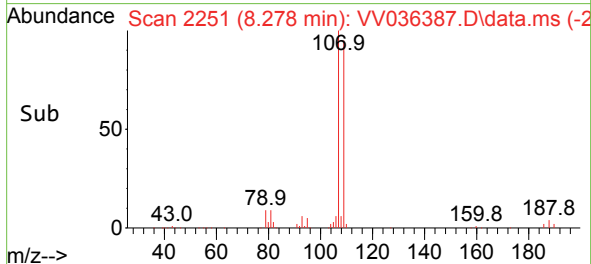
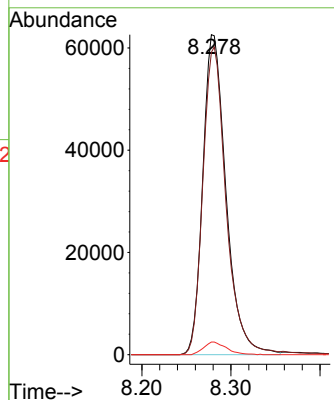


#50
1,2-Dibromoethane
Concen: 28.664 ug/L
RT: 8.278 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Instrument :
MSVOA_V
ClientSampleId :

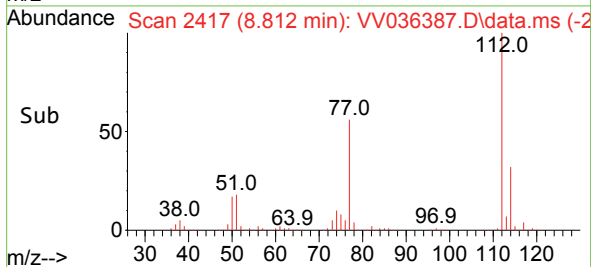
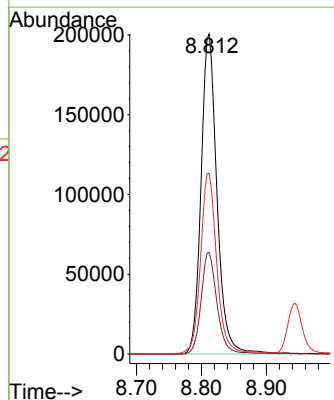
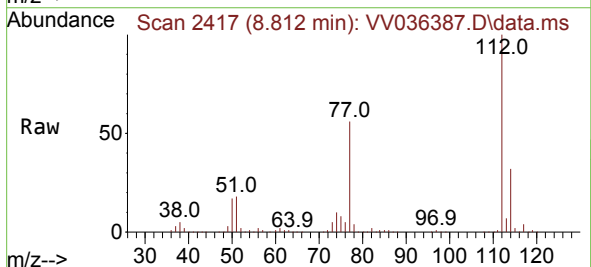


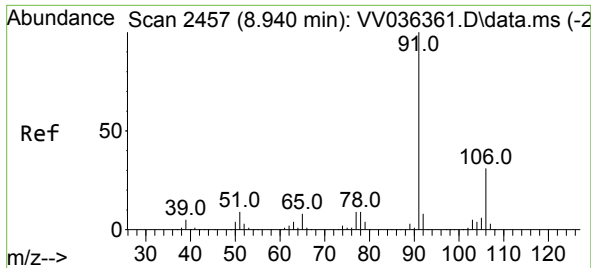
Tgt Ion:107 Resp: 113556
Ion Ratio Lower Upper
107 100
109 94.5 64.7 120.1
188 3.9 3.0 4.6



#51
Chlorobenzene
Concen: 26.871 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Tgt Ion:112 Resp: 342146
Ion Ratio Lower Upper
112 100
114 31.7 22.8 42.4
77 56.5 46.2 69.2

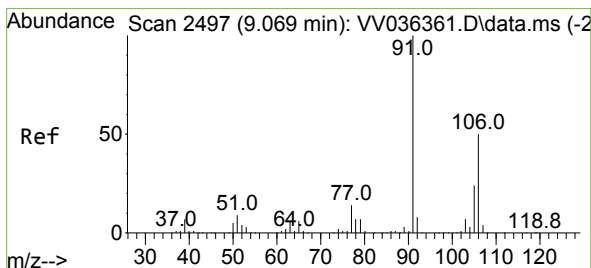
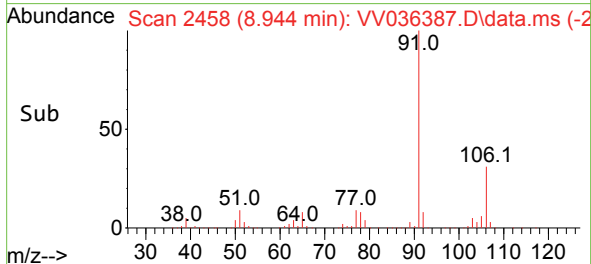
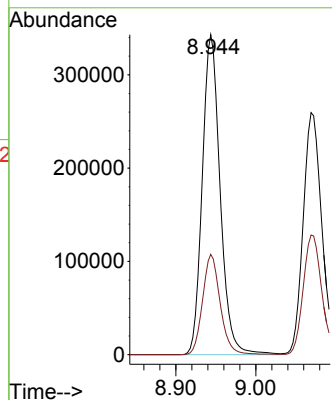
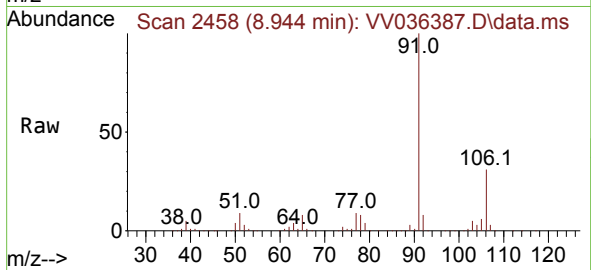




#52
Ethylbenzene
Concen: 26.591 ug/L
RT: 8.944 min Scan# 2457
Delta R.T. 0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

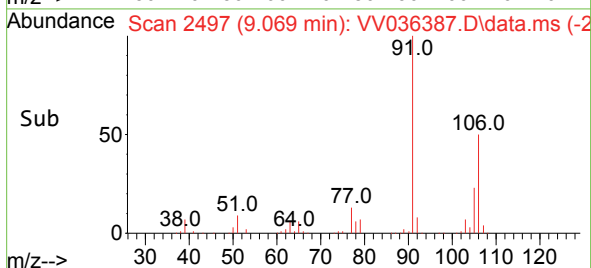
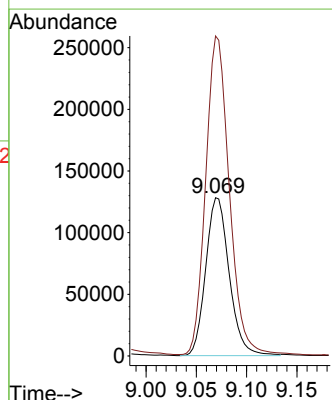
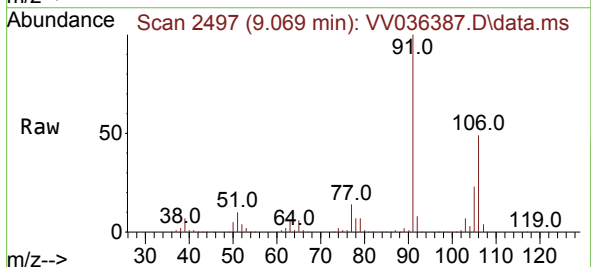
Instrument :
MSVOA_V
ClientSampleId :

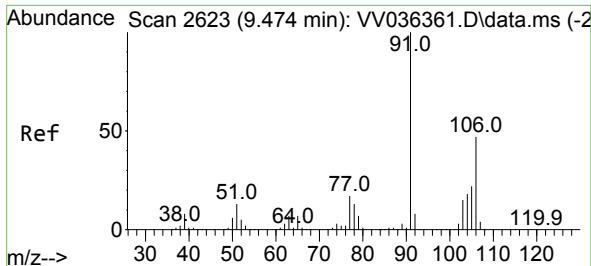
Tgt Ion: 91 Resp: 534520
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.4



#53
m,p-Xylene
Concen: 27.780 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Tgt Ion: 106 Resp: 208123
Ion Ratio Lower Upper
106 100
91 202.1 142.2 264.0

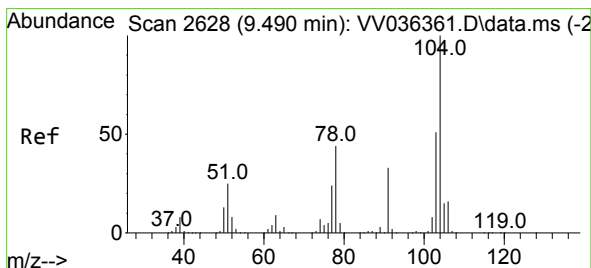
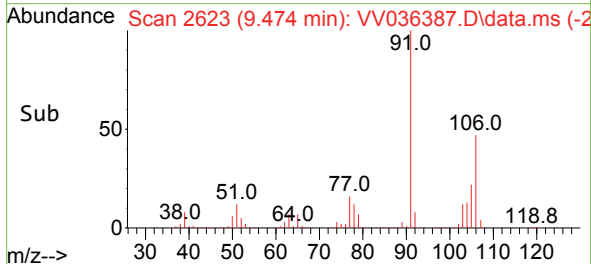
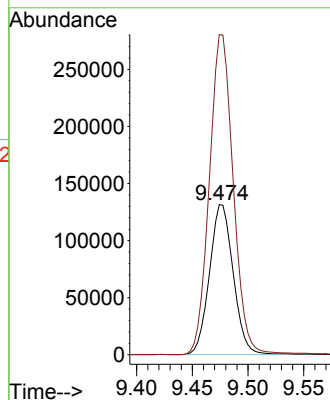
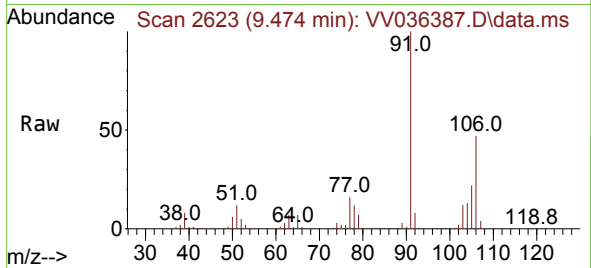




#54
o-Xylene
Concen: 27.709 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

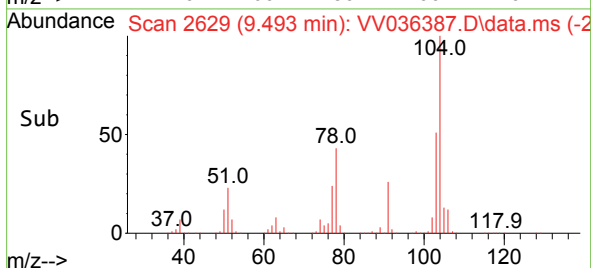
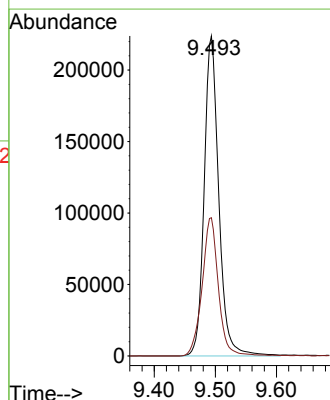
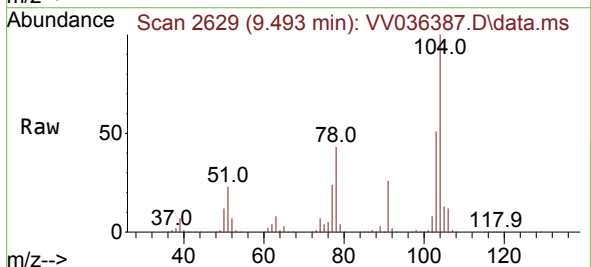
Instrument :
MSVOA_V
ClientSampleId :

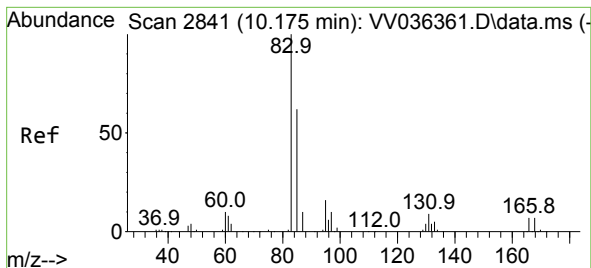
Tgt Ion:106 Resp: 195217
Ion Ratio Lower Upper
106 100
91 213.2 152.7 283.7



#55
Styrene
Concen: 30.103 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

Tgt Ion:104 Resp: 371692
Ion Ratio Lower Upper
104 100
78 43.2 30.2 56.2

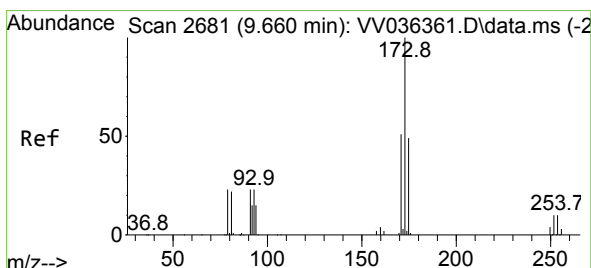
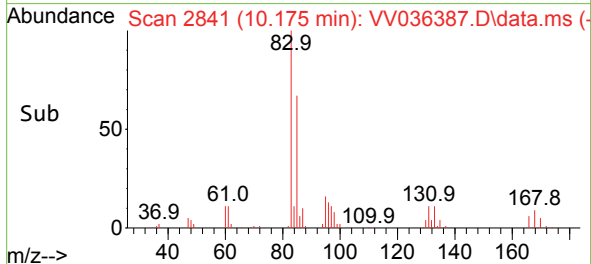
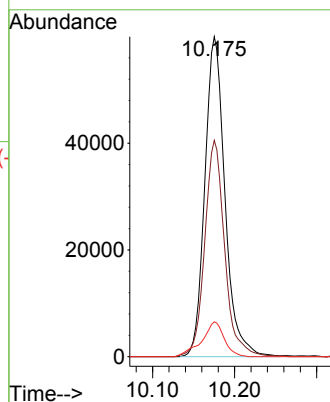
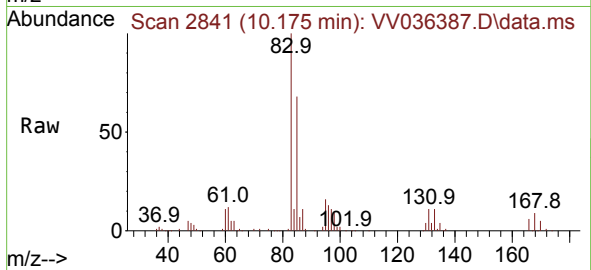




#57
 1,1,2,2-Tetrachloroethane
 Concen: 28.417 ug/L
 RT: 10.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036387.D
 Acq: 01 Jul 2024 20:01

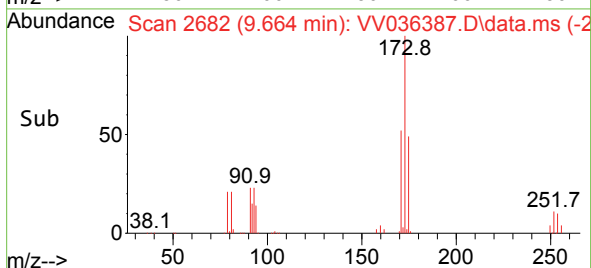
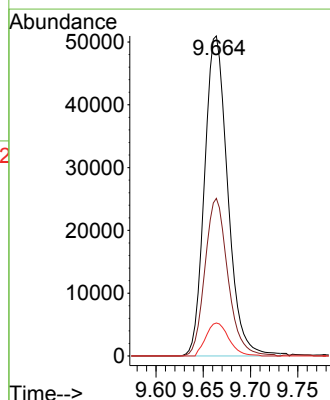
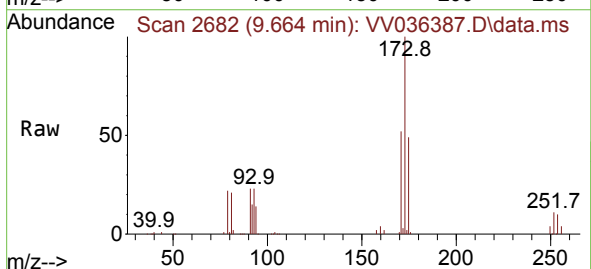
Instrument :
 MSVOA_V
 ClientSampleId :

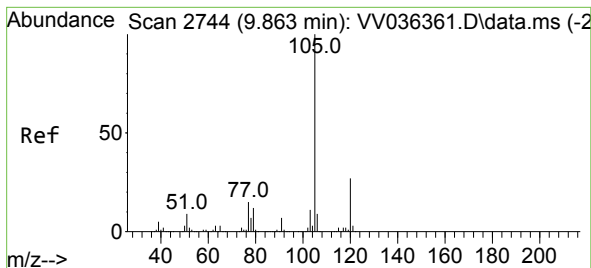
Tgt Ion: 83 Resp: 102279
 Ion Ratio Lower Upper
 83 100
 85 67.6 45.7 84.9
 131 10.9 7.8 11.6



#59
 Bromoform
 Concen: 28.092 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. 0.003 min
 Lab File: VV036387.D
 Acq: 01 Jul 2024 20:01

Tgt Ion: 173 Resp: 86965
 Ion Ratio Lower Upper
 173 100
 175 48.7 38.9 58.3
 254 10.2 7.2 10.8





#60

Isopropylbenzene

Concen: 26.394 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :

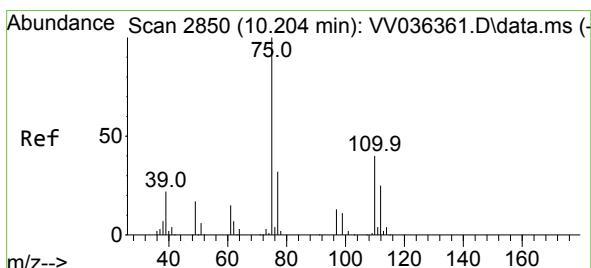
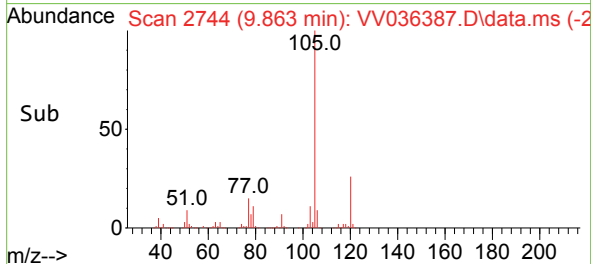
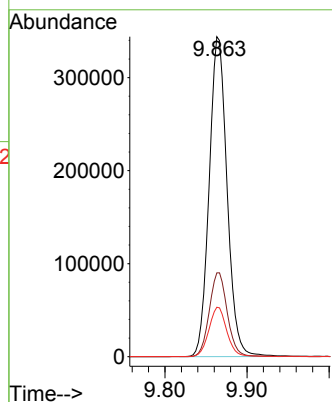
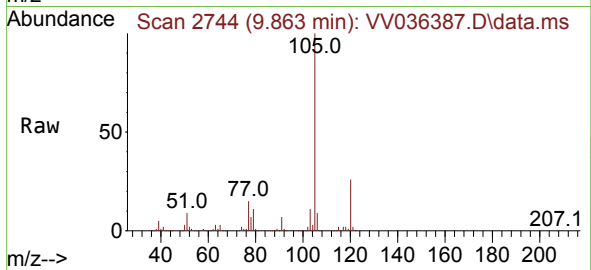
Tgt Ion:105 Resp: 521773

Ion Ratio Lower Upper

105 100

120 26.4 21.2 31.8

77 15.4 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 28.603 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

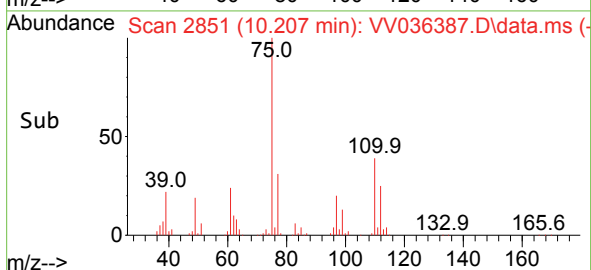
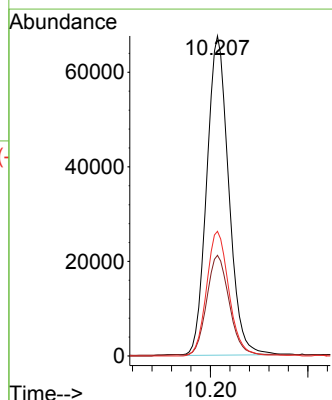
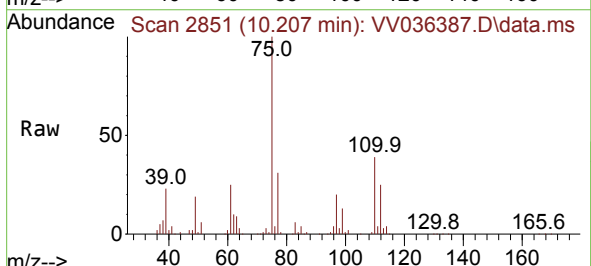
Tgt Ion: 75 Resp: 105563

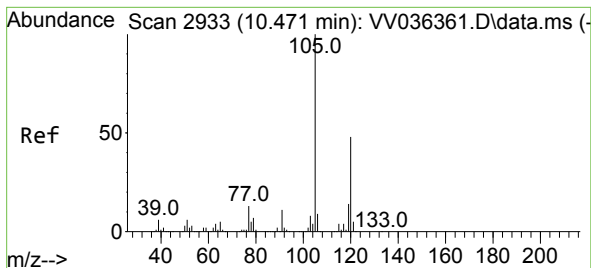
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

110 39.8 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 26.060 ug/L

RT: 10.474 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

Instrument :

MSVOA_V

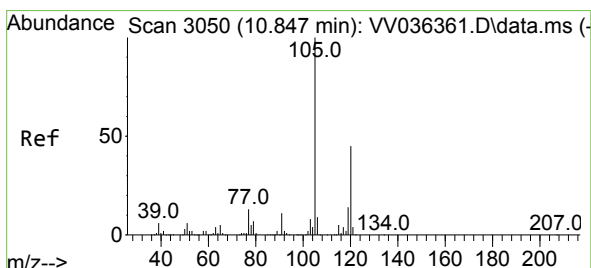
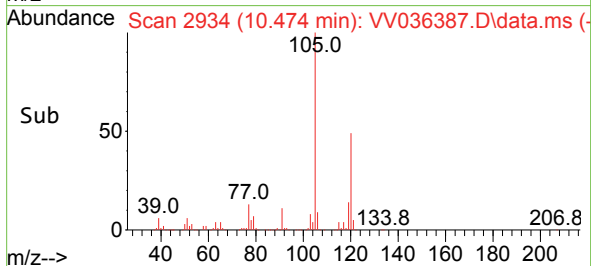
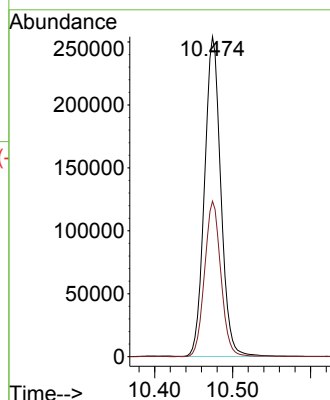
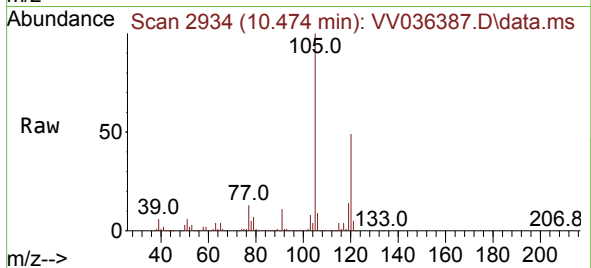
ClientSampleId :

Tgt Ion:105 Resp: 368676

Ion Ratio Lower Upper

105 100

120 48.6 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 26.965 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036387.D

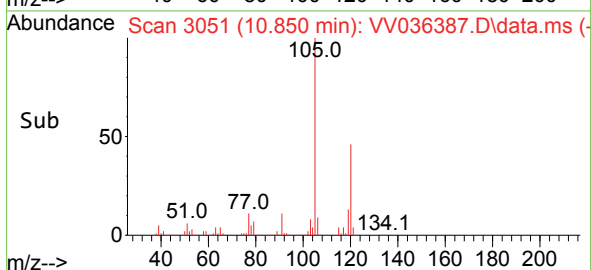
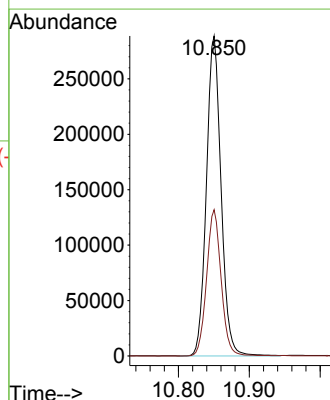
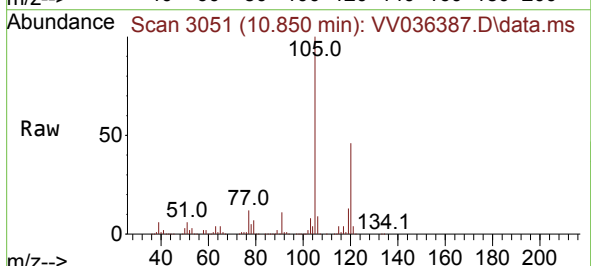
Acq: 01 Jul 2024 20:01

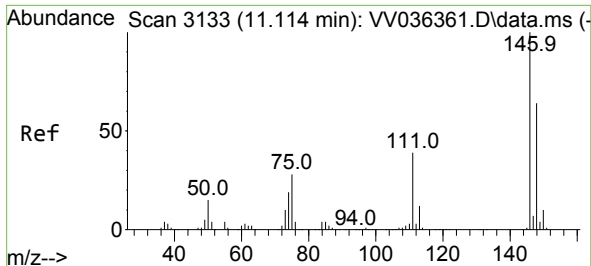
Tgt Ion:105 Resp: 414553

Ion Ratio Lower Upper

105 100

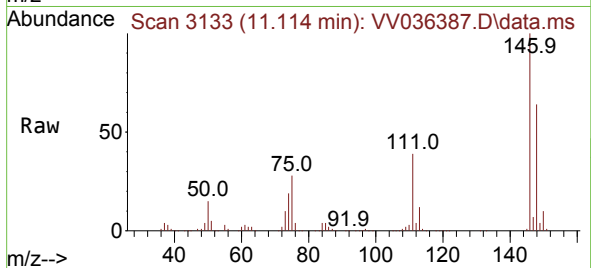
120 45.4 36.2 54.4



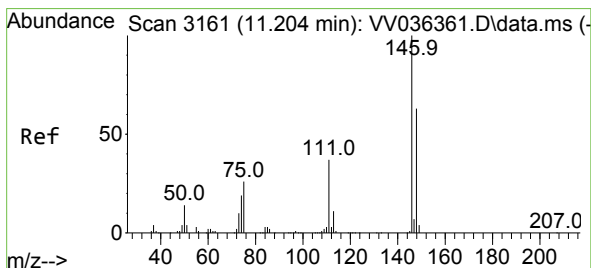
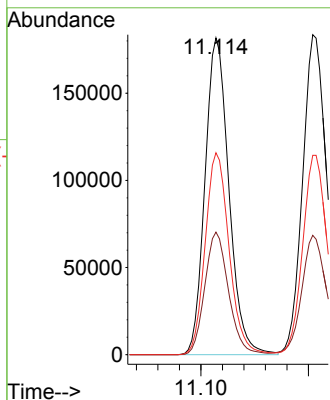
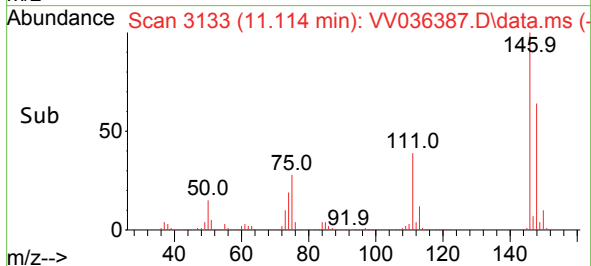


#64
1,3-Dichlorobenzene
Concen: 27.260 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01

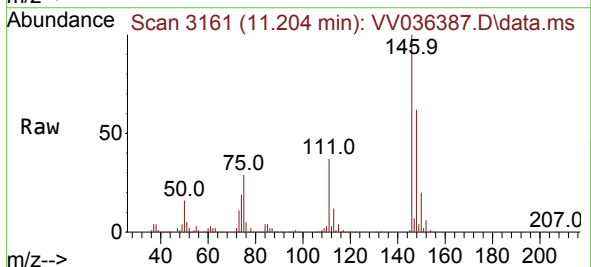
Instrument :
MSVOA_V
ClientSampleId :



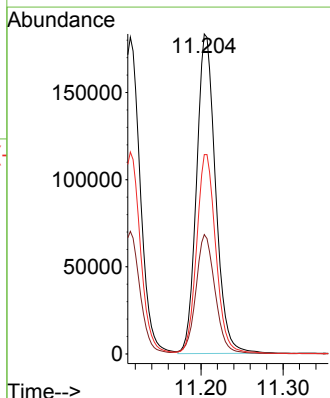
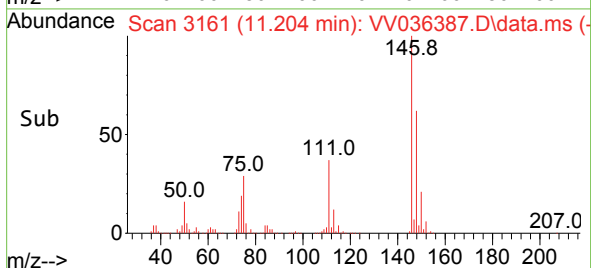
Tgt Ion:146 Resp: 280801
Ion Ratio Lower Upper
146 100
111 38.7 27.5 51.1
148 63.7 44.9 83.3

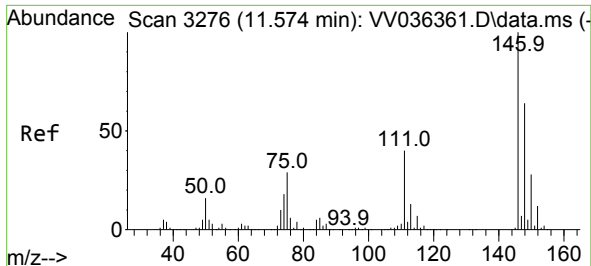


#65
1,4-Dichlorobenzene
Concen: 26.684 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV036387.D
Acq: 01 Jul 2024 20:01



Tgt Ion:146 Resp: 294644
Ion Ratio Lower Upper
146 100
111 37.3 27.5 51.1
148 62.3 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 27.370 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :

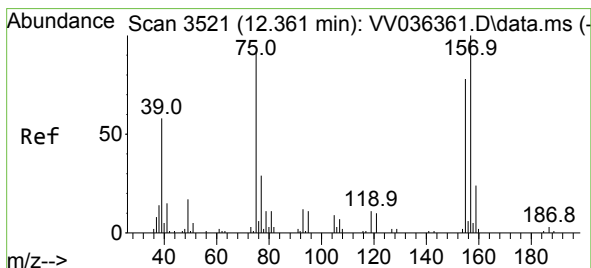
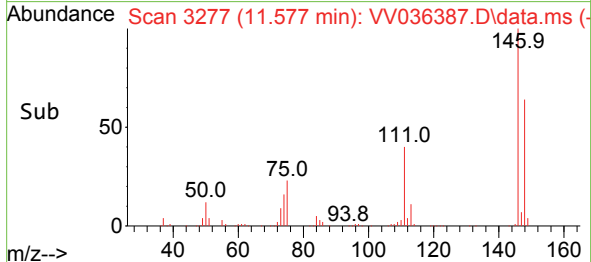
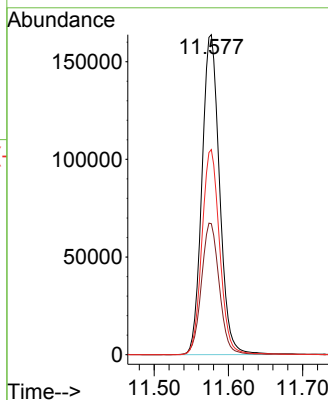
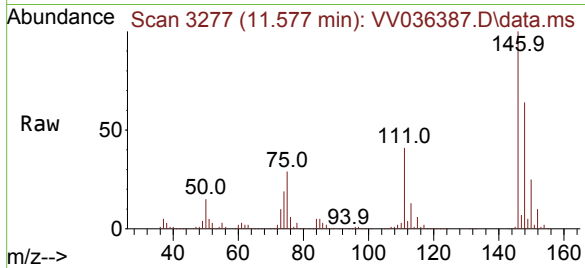
Tgt Ion:146 Resp: 269156

Ion Ratio Lower Upper

146 100

111 40.9 33.3 49.9

148 64.1 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 29.177 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

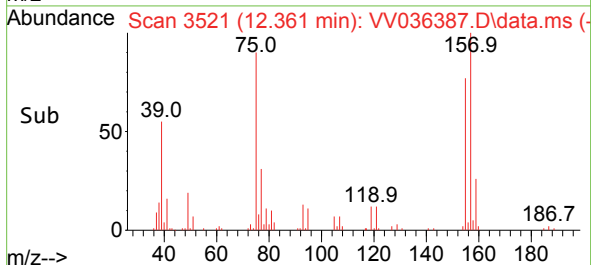
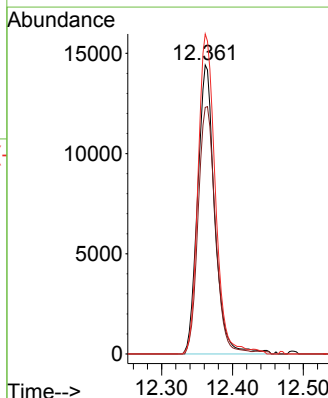
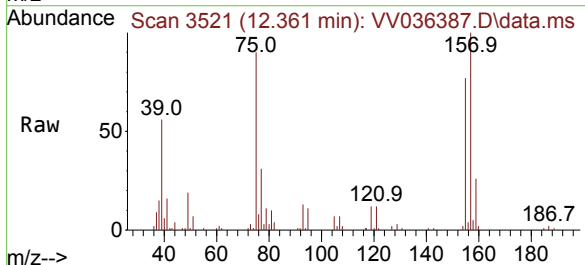
Tgt Ion: 75 Resp: 24158

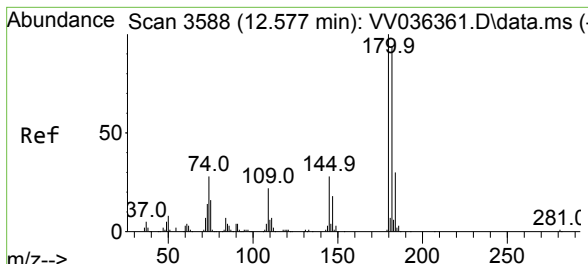
Ion Ratio Lower Upper

75 100

155 85.3 68.3 102.5

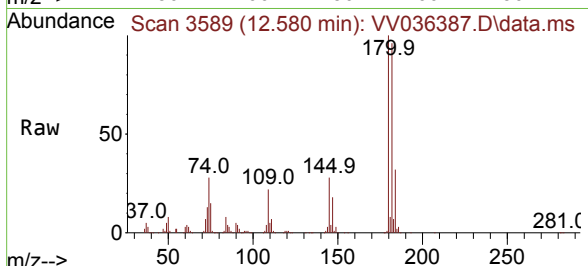
157 110.7 95.7 143.5





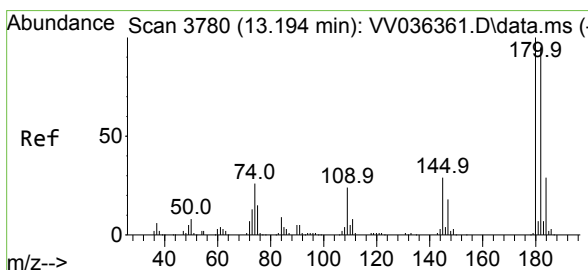
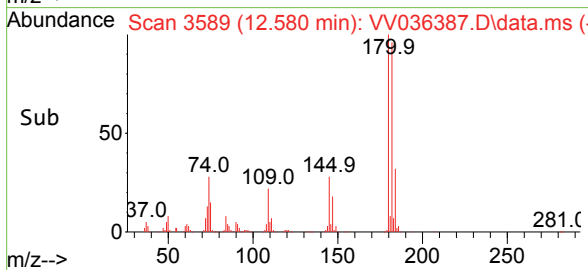
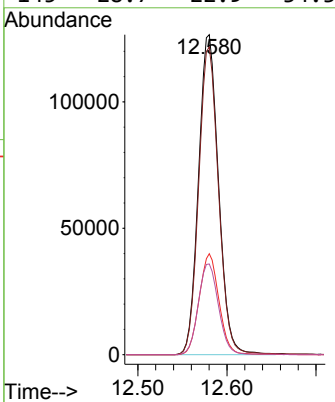
#69
 1,3,5-Trichlorobenzene
 Concen: 25.420 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. 0.003 min
 Lab File: VV036387.D
 Acq: 01 Jul 2024 20:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 197171

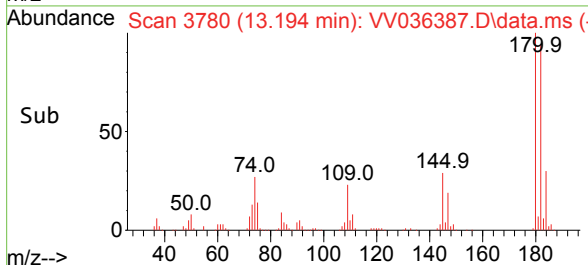
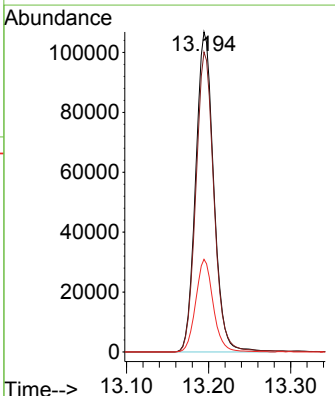
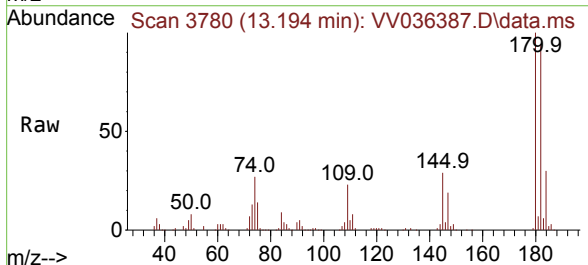
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.2	114.4
184	31.2	23.3	34.9
145	28.7	22.9	34.3

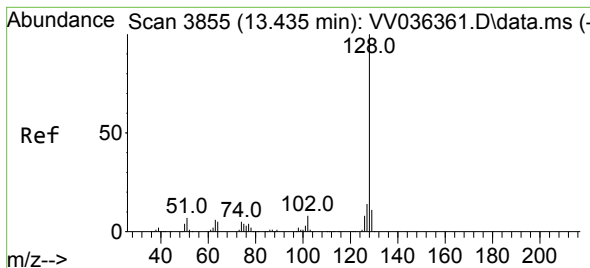


#70
 1,2,4-trichlorobenzene
 Concen: 26.353 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. 0.000 min
 Lab File: VV036387.D
 Acq: 01 Jul 2024 20:01

Tgt Ion:180 Resp: 163005

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.1	114.1
145	28.2	23.8	35.8





#71

Naphthalene

Concen: 27.379 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :

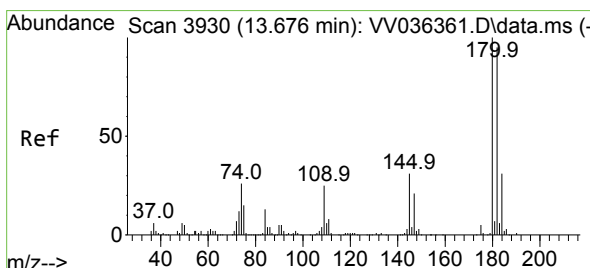
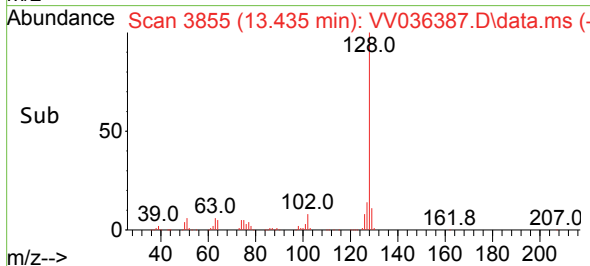
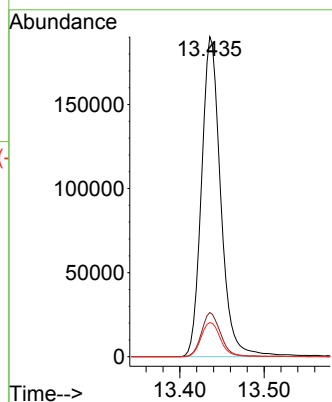
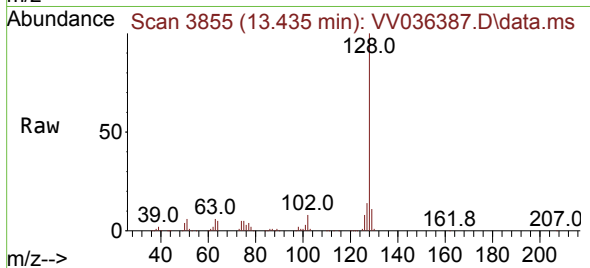
Tgt Ion:128 Resp: 301950

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 27.849 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036387.D

Acq: 01 Jul 2024 20:01

Tgt Ion:180 Resp: 161982

Ion Ratio Lower Upper

180 100

182 95.4 76.7 115.1

145 31.3 25.0 37.4

