

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060324\
 Data File : VW035963.D
 Acq On : 03 Jun 2024 19:08
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 02:21:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 04 02:12:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	427301	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	452672	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	249134	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	167924	21.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.520%
7) Chloroethane-d5	1.526	69	138693	22.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.560%
11) 1,1-Dichloroethene-d2	2.050	65	74064	21.178	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.720%
21) 2-Butanone-d5	3.838	46	55049	30.541	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.080%
24) Chloroform-d	4.243	84	311077	22.899	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.941	65	169414	23.785	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.160%
32) Benzene-d6	4.954	84	598003	22.224	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.880%
36) 1,2-Dichloropropane-d6	5.986	67	187908	22.176	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.720%
41) Toluene-d8	7.240	98	546185	23.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.040%
43) trans-1,3-Dichloroprop...	7.551	79	79331	22.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.320%
47) 2-Hexanone-d5	8.031	63	61592	53.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.300%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	144269	22.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	200442	21.940	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	178103	23.116	ug/L	100
3) Chloromethane	1.211	50	216868	24.527	ug/L	100
5) Vinyl chloride	1.275	62	222050	23.854	ug/L	100
6) Bromomethane	1.481	94	138983	24.068	ug/L	99
8) Chloroethane	1.545	64	141177	24.400	ug/L	99
9) Trichlorofluoromethane	1.706	101	275684	23.848	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	175652	23.942	ug/L	99
12) 1,1-Dichloroethene	2.060	96	163607	23.910	ug/L	95
13) Acetone	2.150	43	102351	36.454	ug/L	94
14) Carbon disulfide	2.230	76	553895	23.310	ug/L	100
15) Methyl Acetate	2.384	43	100691	28.852	ug/L	97
16) Methylene chloride	2.439	84	231842	23.978	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	177130	24.369	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	455648	27.923	ug/L	99
19) 1,1-Dichloroethane	3.105	63	349886	25.277	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	182089	24.931	ug/L	99
22) 2-Butanone	3.912	43	109148	45.815	ug/L	83
23) Bromochloromethane	4.143	128	101332	27.659	ug/L	99
25) Chloroform	4.269	83	364896	25.626	ug/L	100

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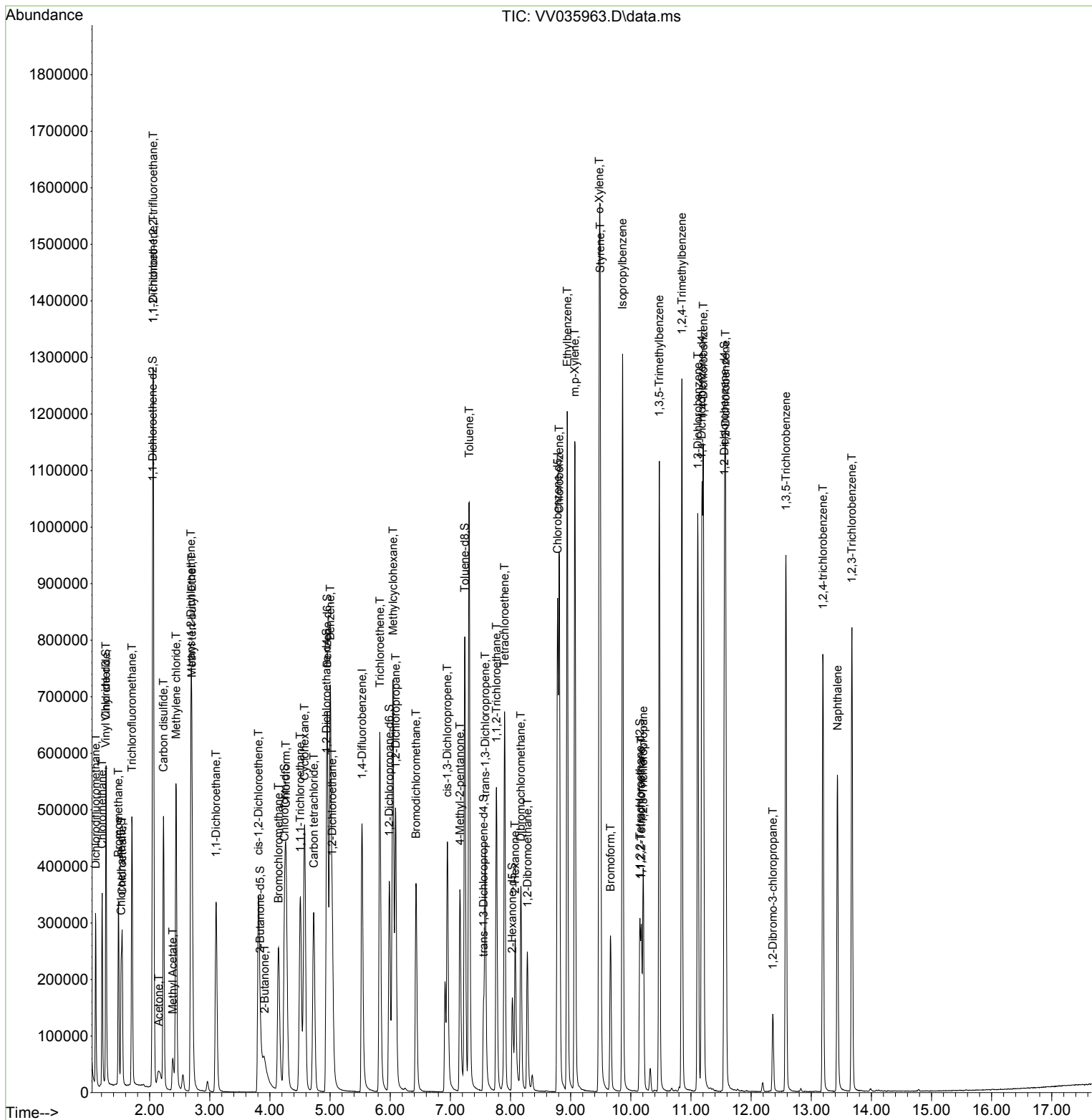
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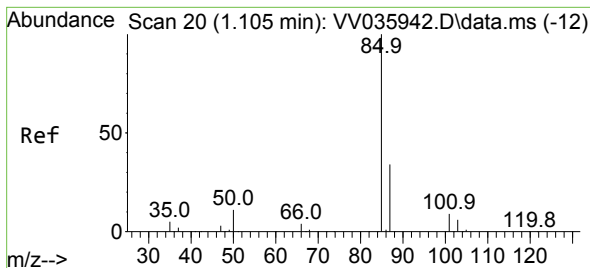
Quant Time: Jun 04 02:21:52 2024
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 Quant Title : VOC Analysis
 QLast Update : Tue Jun 04 02:12:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	244012	27.449	ug/L	100
29) Cyclohexane	4.577	56	248341	23.042	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	290146	23.445	ug/L	99
31) Carbon tetrachloride	4.728	117	252397	23.248	ug/L	99
33) Benzene	5.005	78	741153	25.034	ug/L	100
34) Trichloroethene	5.828	95	224498	24.741	ug/L	99
35) Methylcyclohexane	6.047	83	295991	23.588	ug/L	99
37) 1,2-Dichloropropane	6.092	63	206743	26.594	ug/L	100
38) Bromodichloromethane	6.429	83	263300	25.589	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	290369	24.973	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	247719	58.651	ug/L	98
42) Toluene	7.314	91	784368	25.928	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	266113	26.497	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	170589	26.521	ug/L	100
46) Tetrachloroethene	7.902	164	153492	23.129	ug/L	98
48) 2-Hexanone	8.079	43	177636	53.797	ug/L	98
49) Dibromochloromethane	8.172	129	188080	26.717	ug/L	99
50) 1,2-Dibromoethane	8.281	107	169442	27.454	ug/L	98
51) Chlorobenzene	8.812	112	509647	24.725	ug/L	99
52) Ethylbenzene	8.944	91	817402	25.254	ug/L	100
53) m,p-Xylene	9.069	106	317792	26.130	ug/L	100
54) o-Xylene	9.477	106	297150	25.909	ug/L	98
55) Styrene	9.494	104	569695	28.168	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	144931	25.163	ug/L	99
59) Bromoform	9.664	173	123530	26.292	ug/L	98
60) Isopropylbenzene	9.863	105	791629	24.768	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	161146	27.349	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	573076	24.726	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	645833	25.863	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	414584	24.699	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	427967	24.702	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	399452	25.289	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	37420	28.400	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	295260	23.516	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	239761	24.252	ug/L	100
71) Naphthalene	13.435	128	442489	27.426	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	243720	27.016	ug/L	99

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

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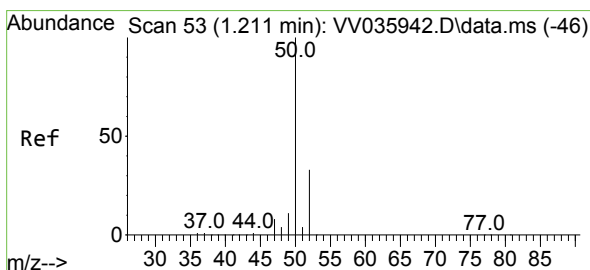
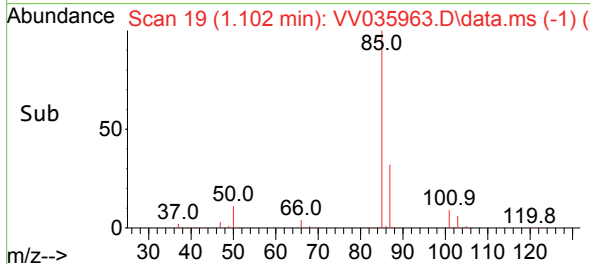
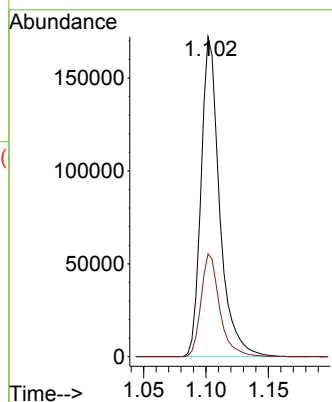
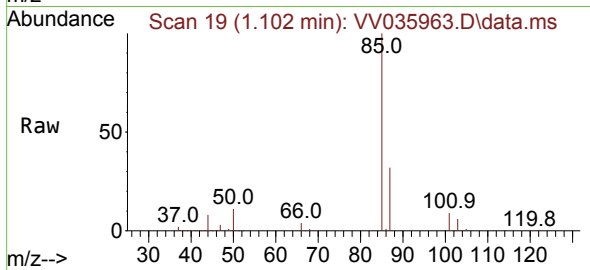




#2
 Dichlorodifluoromethane
 Concen: 23.116 ug/L
 RT: 1.102 min Scan# 19
 Delta R.T. -0.003 min
 Lab File: VV035963.D
 Acq: 03 Jun 2024 19:08

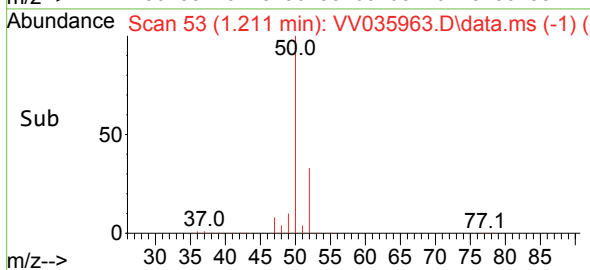
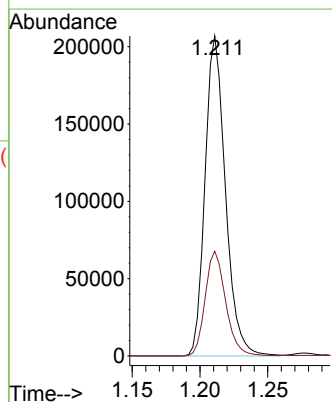
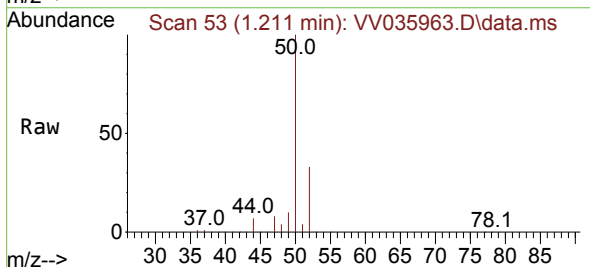
Instrument :
 MSVOA_V
 ClientSampleId :

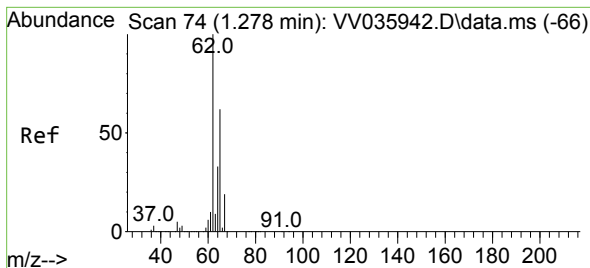
Tgt Ion: 85 Resp: 178103
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 24.527 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV035963.D
 Acq: 03 Jun 2024 19:08

Tgt Ion: 50 Resp: 216868
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.8 42.4





#5

Vinyl chloride

Concen: 23.854 ug/L

RT: 1.275 min Scan# 71

Delta R.T. -0.003 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_V

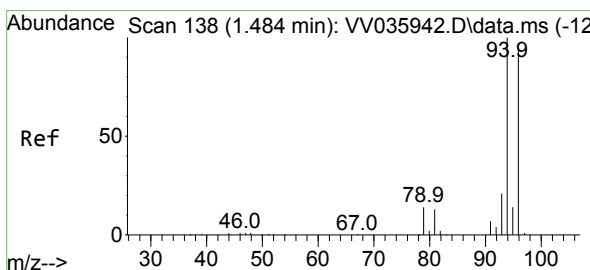
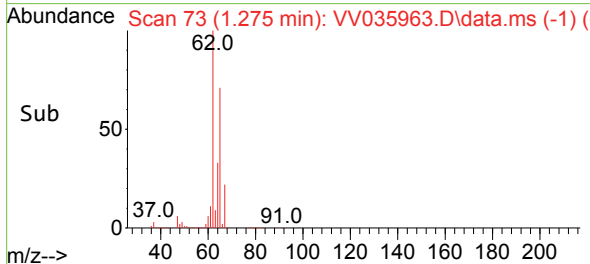
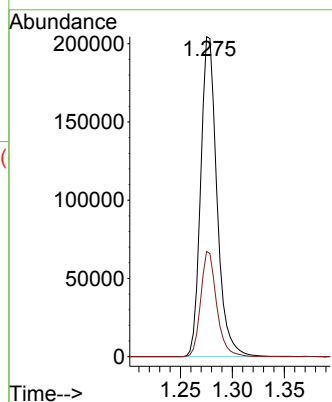
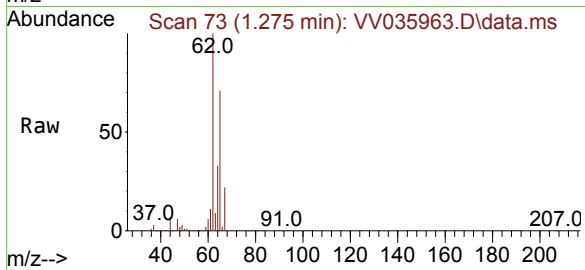
ClientSampleId :

Tgt Ion: 62 Resp: 222050

Ion Ratio Lower Upper

62 100

64 32.9 22.9 42.5



#6

Bromomethane

Concen: 24.068 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV035963.D

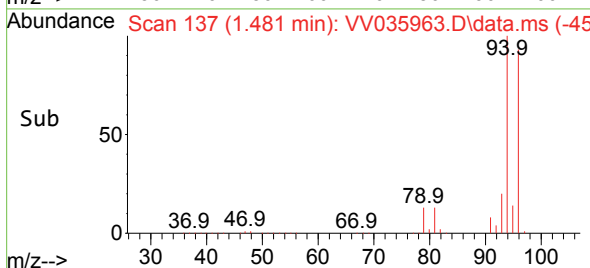
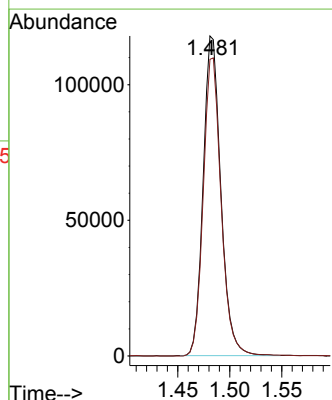
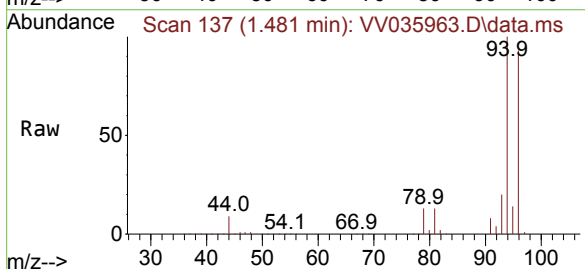
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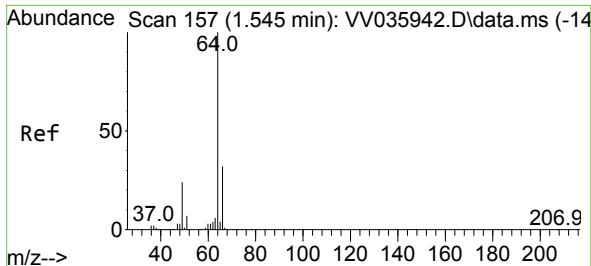
Tgt Ion: 94 Resp: 138983

Ion Ratio Lower Upper

94 100

96 92.7 65.7 122.1

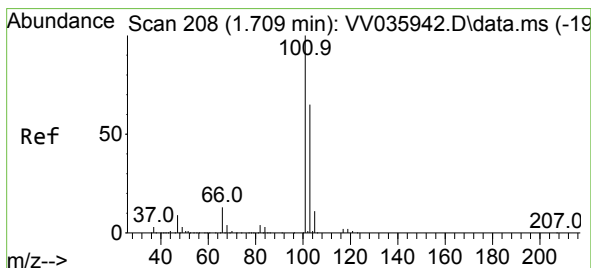
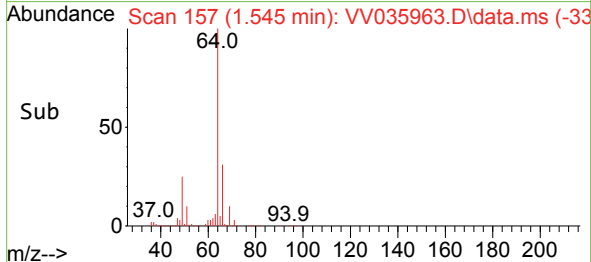
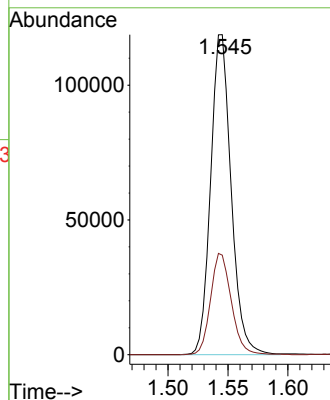
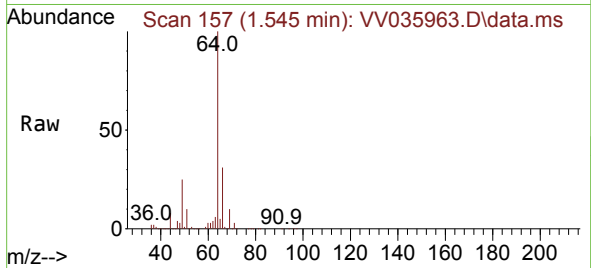




#8
Chloroethane
Concen: 24.400 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

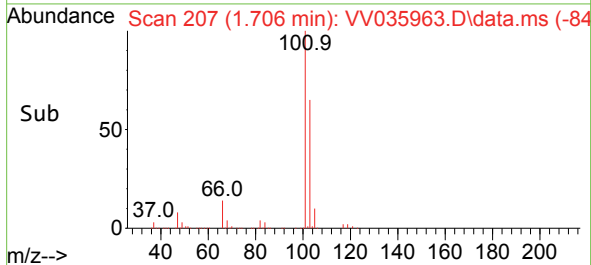
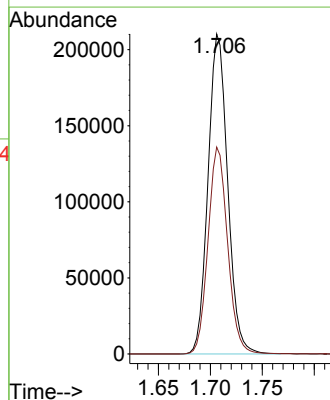
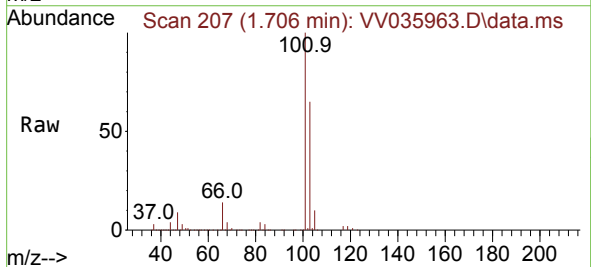
Instrument :
MSVOA_V
ClientSampleId :

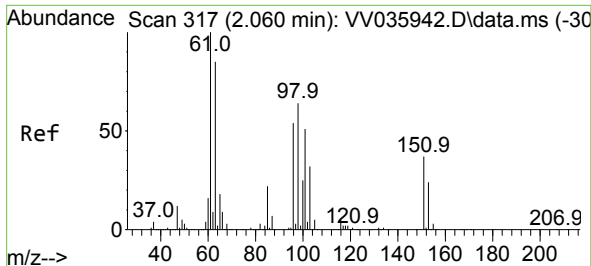
Tgt Ion: 64 Resp: 141177
Ion Ratio Lower Upper
64 100
66 31.1 22.0 41.0



#9
Trichlorofluoromethane
Concen: 23.848 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Tgt Ion:101 Resp: 275684
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

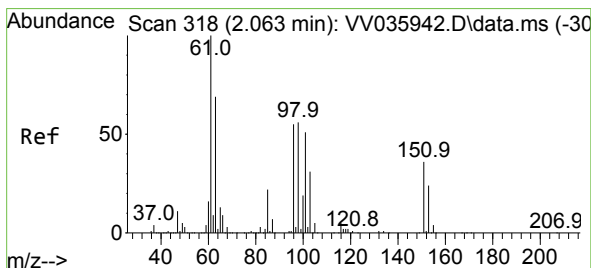
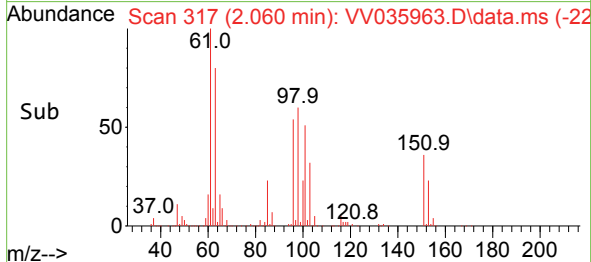
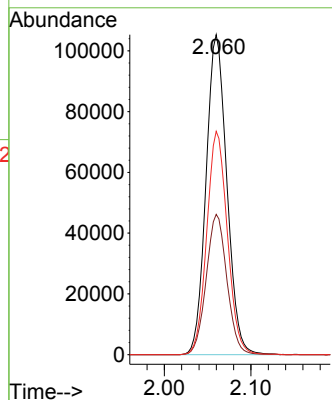
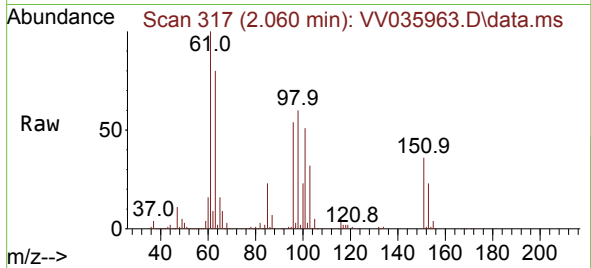




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.942 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VV035963.D
 Acq: 03 Jun 2024 19:08

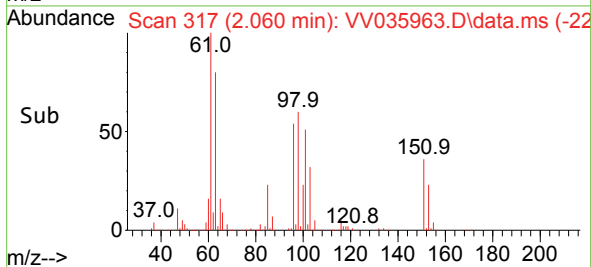
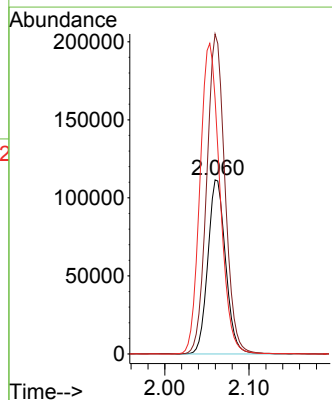
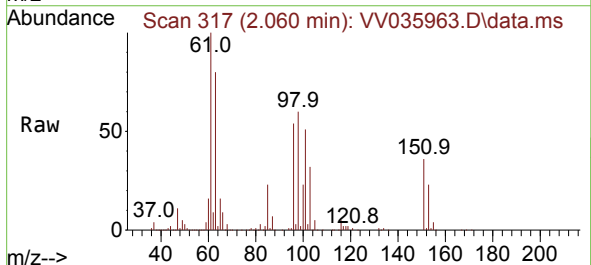
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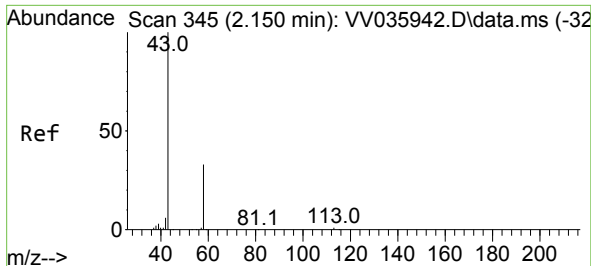
Tgt Ion:101 Resp: 175652
 Ion Ratio Lower Upper
 101 100
 85 43.7 34.5 51.7
 151 69.2 56.3 84.5



#12
 1,1-Dichloroethene
 Concen: 23.910 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV035963.D
 Acq: 03 Jun 2024 19:08

Tgt Ion: 96 Resp: 163607
 Ion Ratio Lower Upper
 96 100
 61 183.9 127.3 236.3
 63 146.6 93.7 173.9





#13

Acetone

Concen: 36.454 ug/L

RT: 2.150 min Scan# 34

Delta R.T. 0.000 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_V

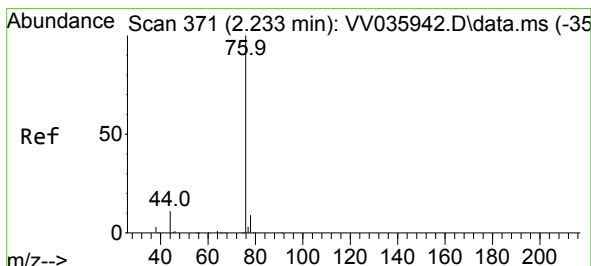
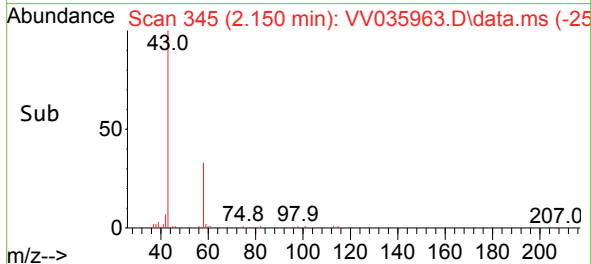
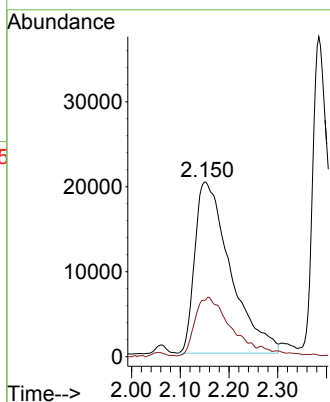
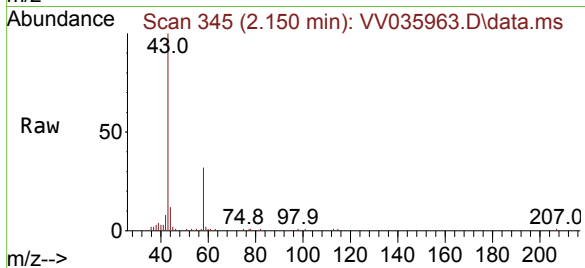
ClientSampleId :

Tgt Ion: 43 Resp: 102351

Ion Ratio Lower Upper

43 100

58 10.0 0.0 24.2



#14

Carbon disulfide

Concen: 23.310 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.003 min

Lab File: VV035963.D

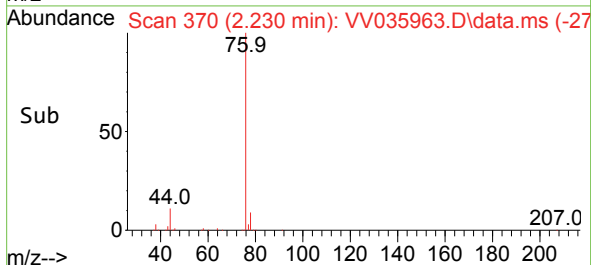
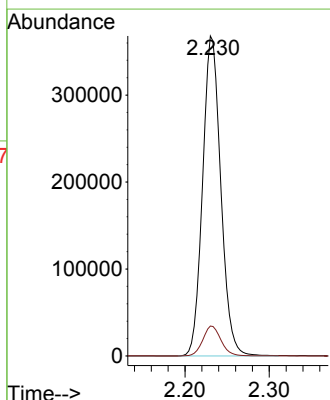
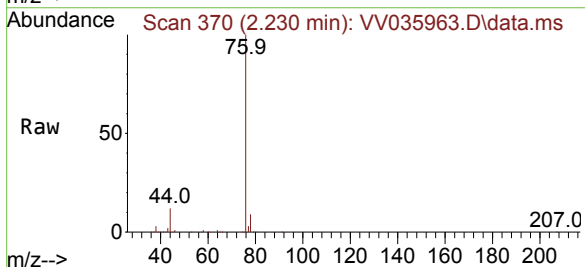
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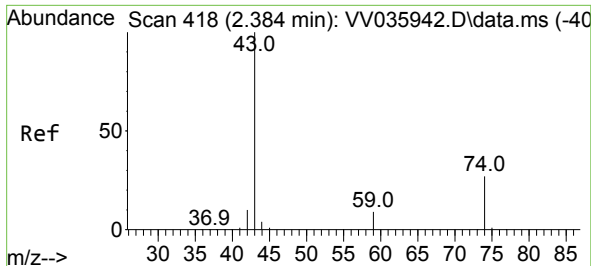
Tgt Ion: 76 Resp: 553895

Ion Ratio Lower Upper

76 100

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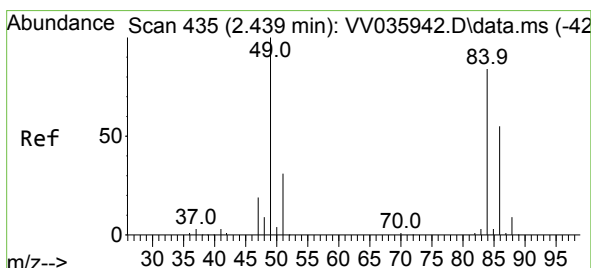
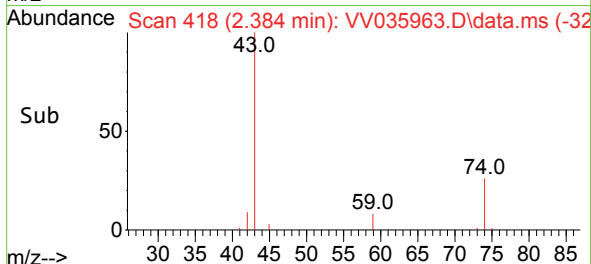
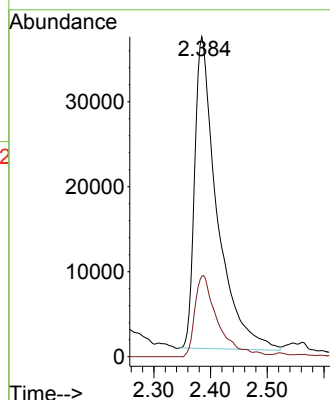
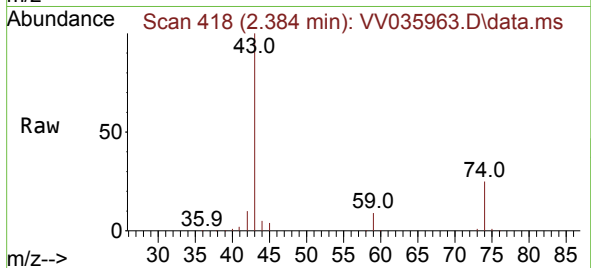




#15
Methyl Acetate
Concen: 28.852 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

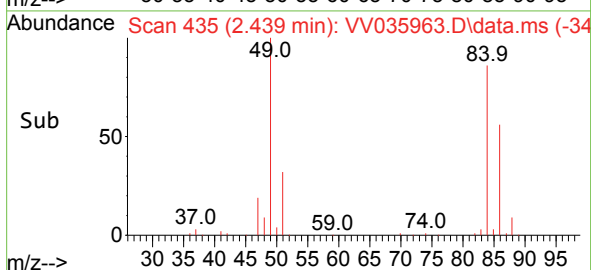
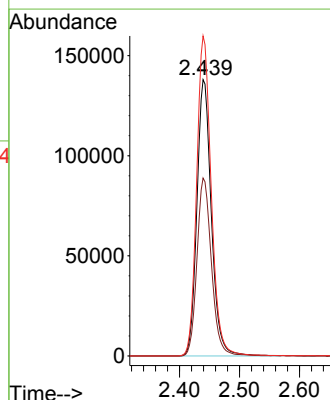
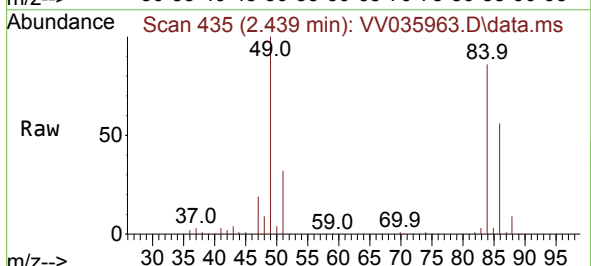
Instrument :
MSVOA_V
ClientSampleId :

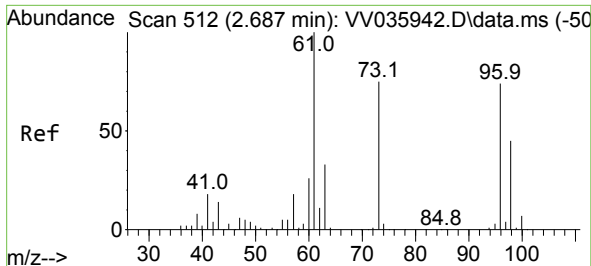
Tgt Ion: 43 Resp: 100691
Ion Ratio Lower Upper
43 100
74 25.3 21.4 32.2



#16
Methylene chloride
Concen: 23.978 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Tgt Ion: 84 Resp: 231842
Ion Ratio Lower Upper
84 100
86 64.4 44.6 82.8
49 115.8 81.1 150.5





#17

trans-1,2-Dichloroethene

Concen: 24.369 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :

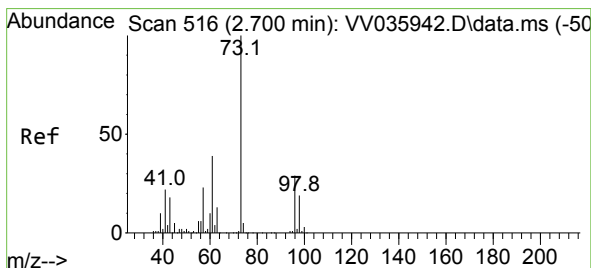
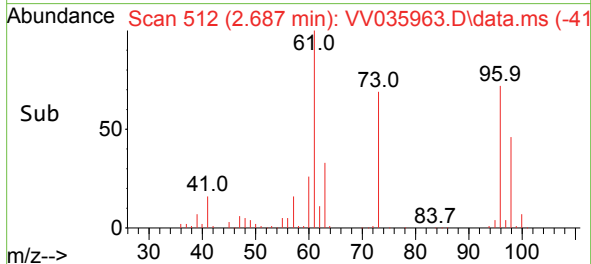
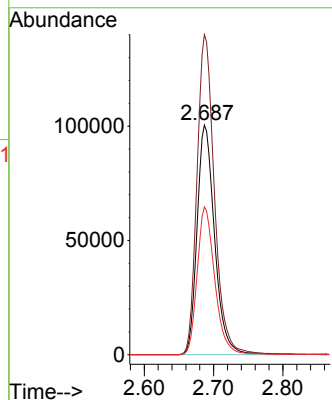
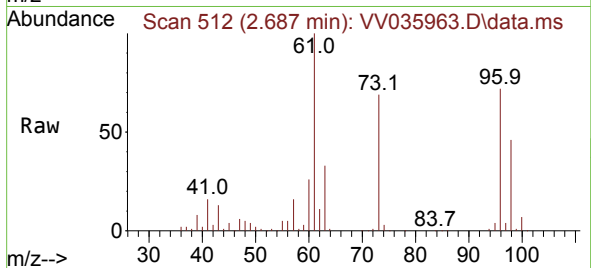
Tgt Ion: 96 Resp: 177130

Ion Ratio Lower Upper

96 100

61 139.4 99.4 184.6

98 64.4 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 27.923 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

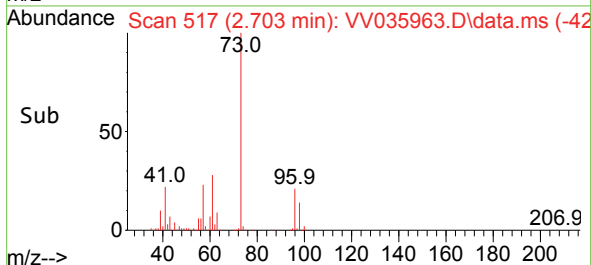
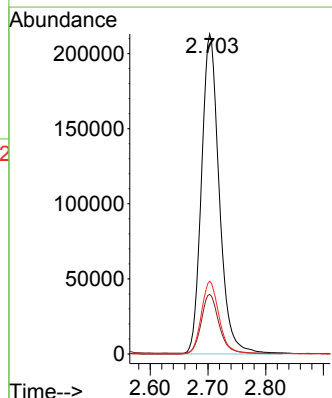
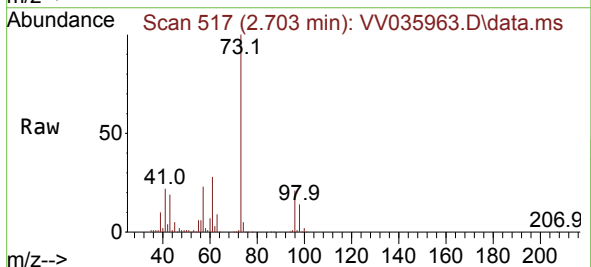
Tgt Ion: 73 Resp: 455648

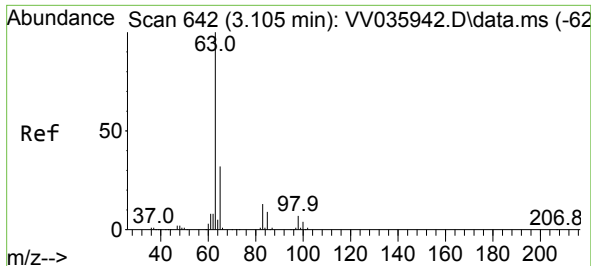
Ion Ratio Lower Upper

73 100

43 18.0 14.3 21.5

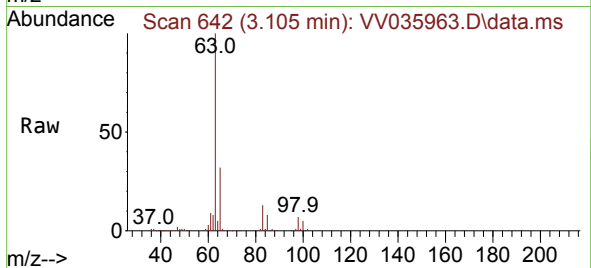
57 22.6 17.8 26.6



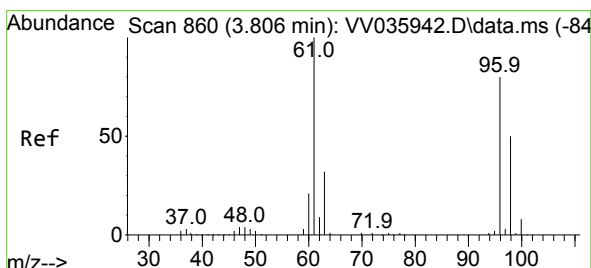
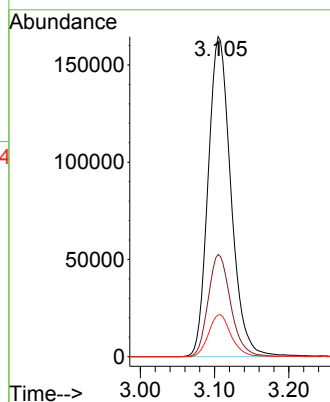
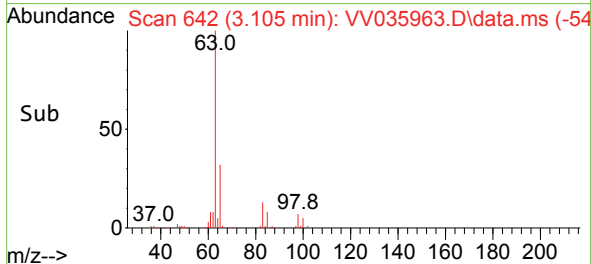


#19
1,1-Dichloroethane
Concen: 25.277 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Instrument :
MSVOA_V
ClientSampleId :

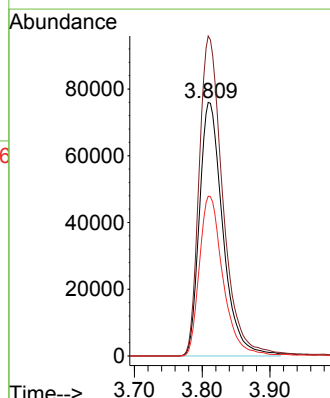
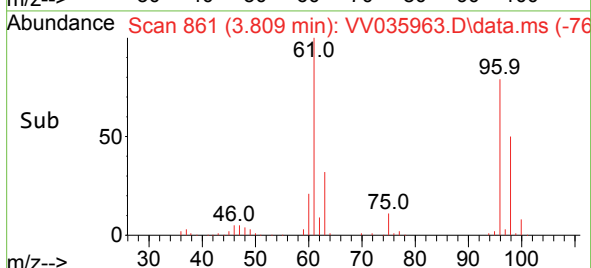
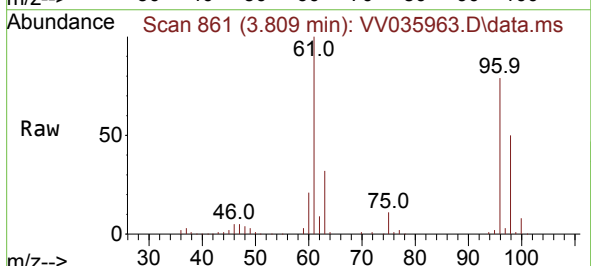


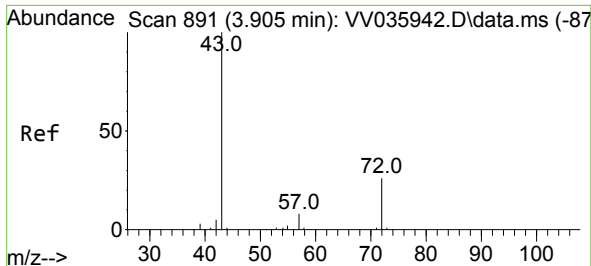
Tgt Ion: 63 Resp: 349886
Ion Ratio Lower Upper
63 100
65 31.9 22.4 41.6
83 13.1 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 24.931 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Tgt Ion: 96 Resp: 182089
Ion Ratio Lower Upper
96 100
61 126.2 87.9 163.3
98 63.0 44.4 82.5

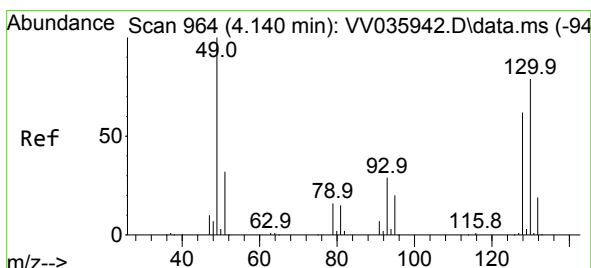
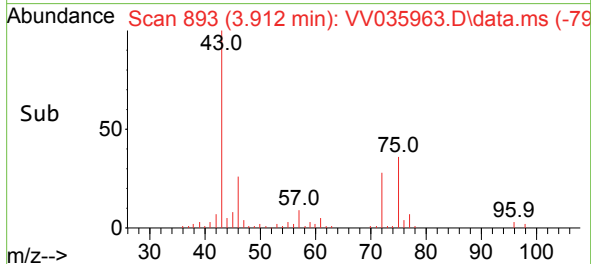
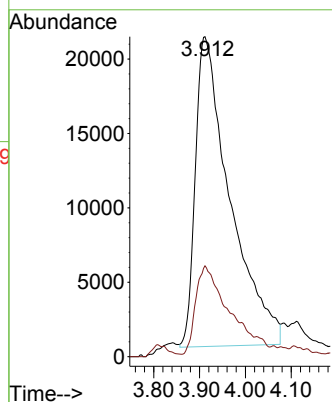
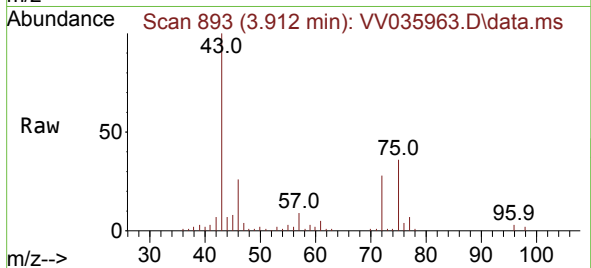




#22
2-Butanone
Concen: 45.815 ug/L
RT: 3.912 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

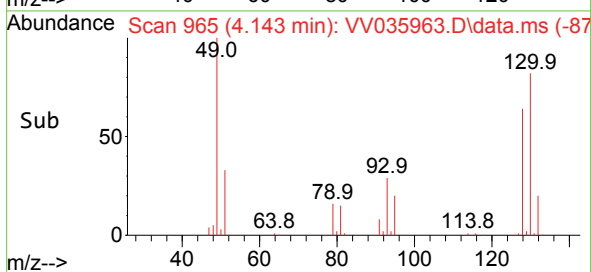
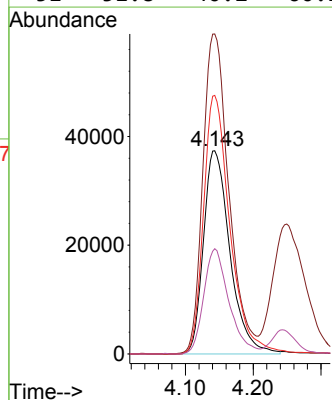
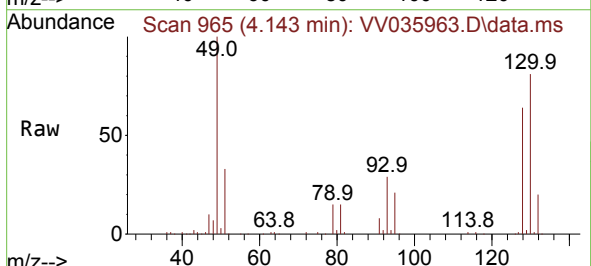
Instrument :
MSVOA_V
ClientSampleId :

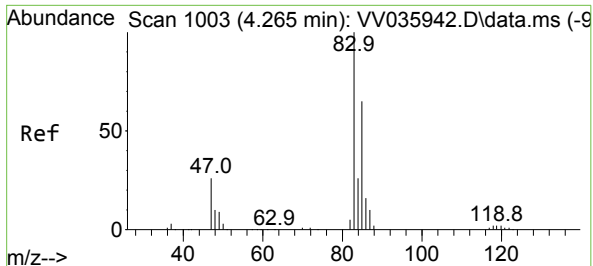
Tgt Ion: 43 Resp: 109148
Ion Ratio Lower Upper
43 100
72 23.6 8.2 24.4



#23
Bromochloromethane
Concen: 27.659 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.003 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Tgt Ion:128 Resp: 101332
Ion Ratio Lower Upper
128 100
49 157.4 110.2 204.6
130 127.2 90.2 167.4
51 51.8 40.2 60.2





#25

Chloroform

Concen: 25.626 ug/L

RT: 4.269 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_V

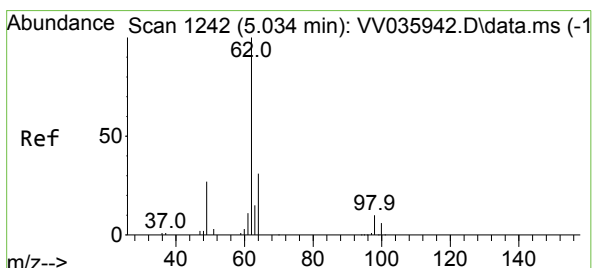
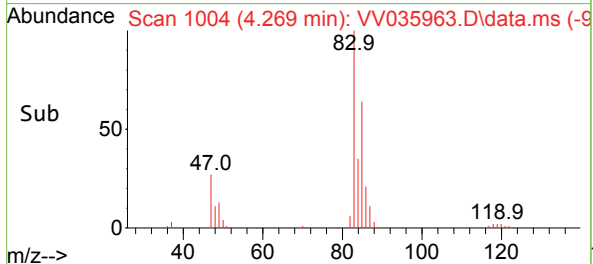
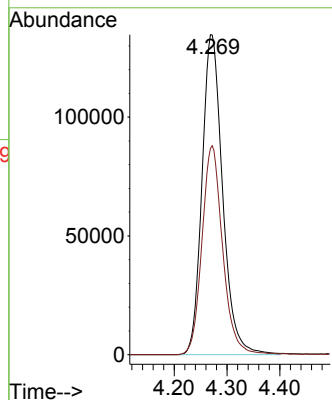
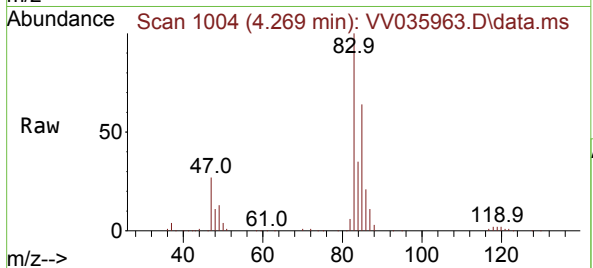
ClientSampleId :

Tgt Ion: 83 Resp: 364896

Ion Ratio Lower Upper

83 100

85 64.5 45.2 84.0



#27

1,2-Dichloroethane

Concen: 27.449 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV035963.D

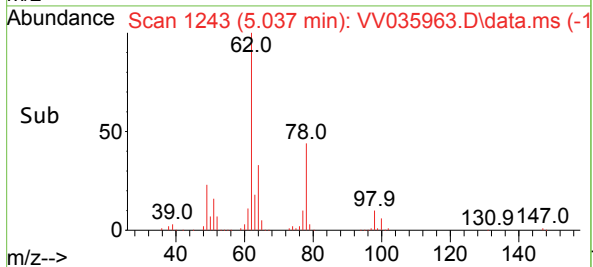
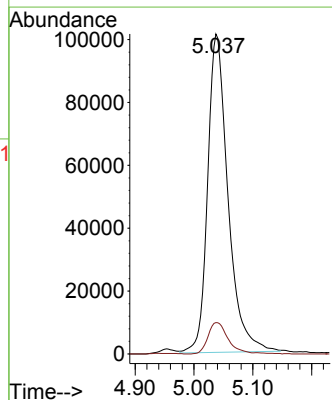
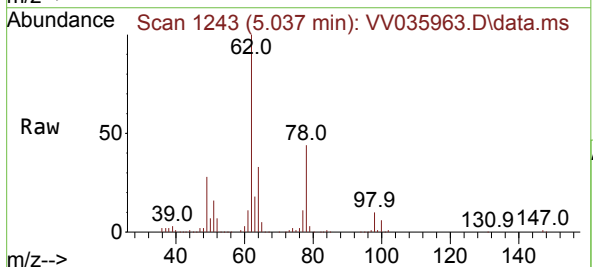
Acq: 03 Jun 2024 19:08

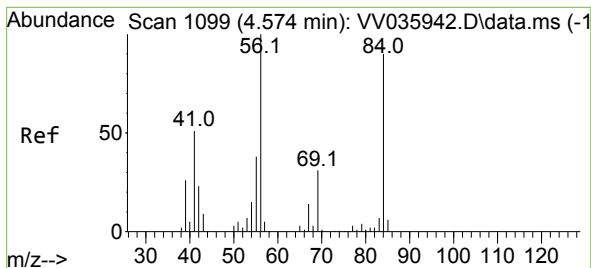
Tgt Ion: 62 Resp: 244012

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.6





#29

Cyclohexane

Concen: 23.042 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

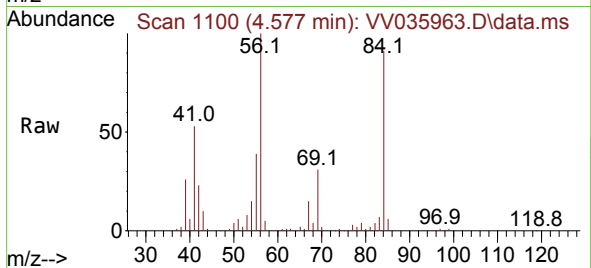
Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :



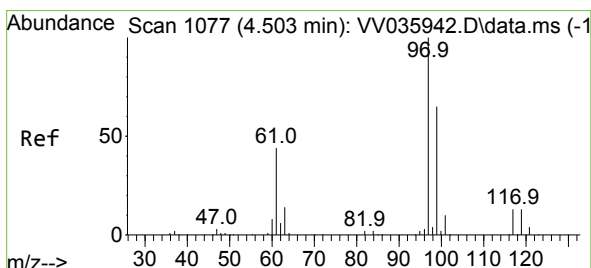
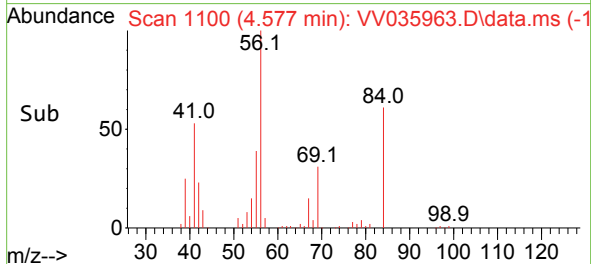
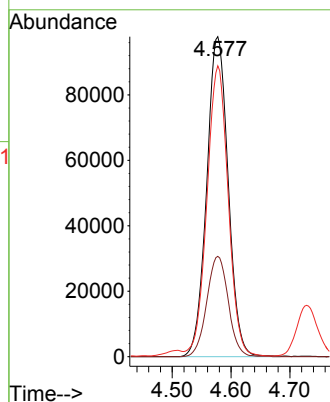
Tgt Ion: 56 Resp: 248341

Ion Ratio Lower Upper

56 100

69 31.3 25.2 37.8

84 89.6 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 23.445 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

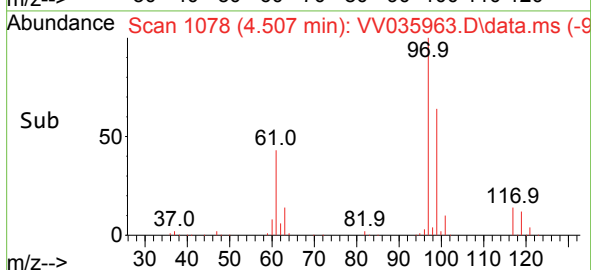
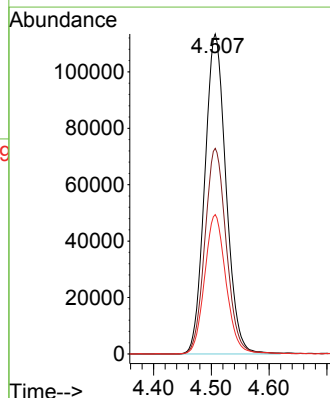
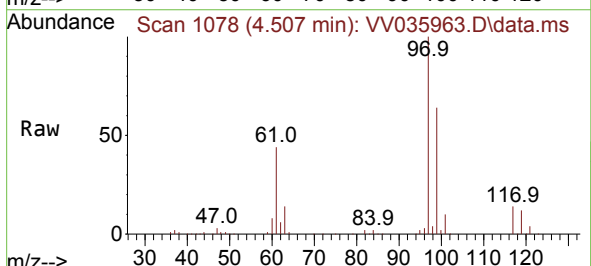
Tgt Ion: 97 Resp: 290146

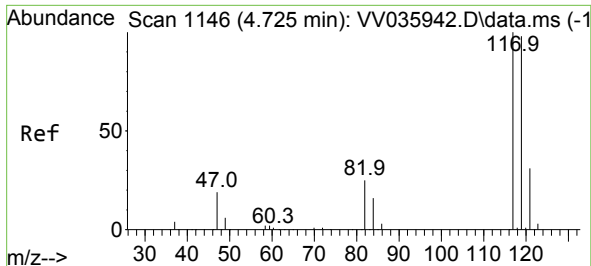
Ion Ratio Lower Upper

97 100

99 64.9 50.9 76.3

61 43.9 35.0 52.6

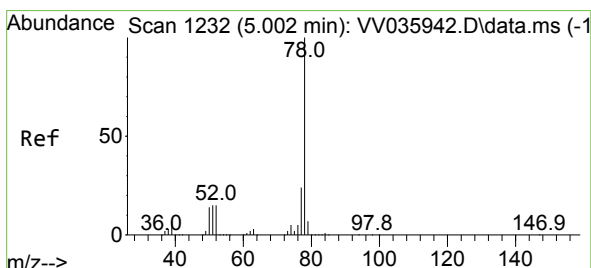
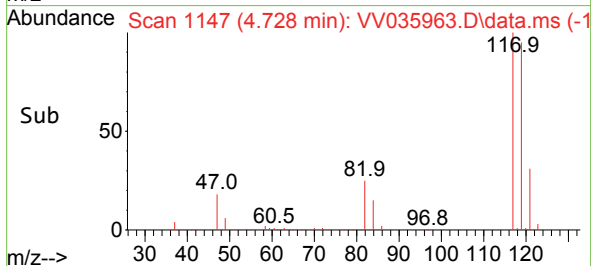
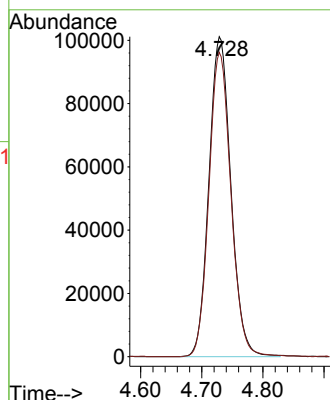
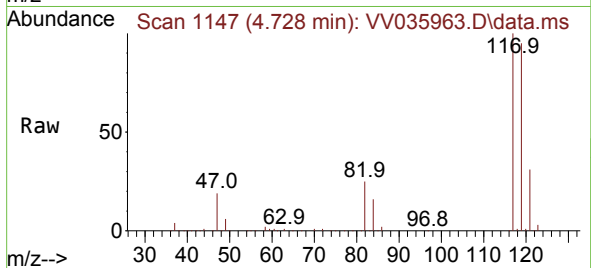




#31
Carbon tetrachloride
Concen: 23.248 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

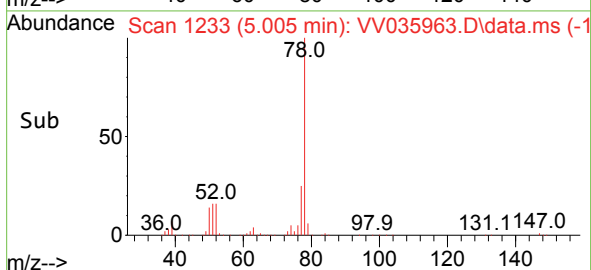
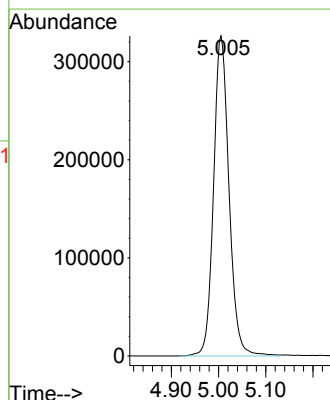
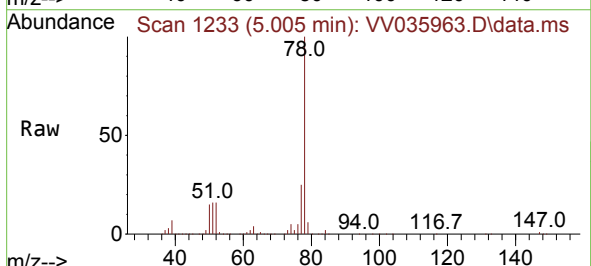
Instrument :
MSVOA_V
ClientSampleId :

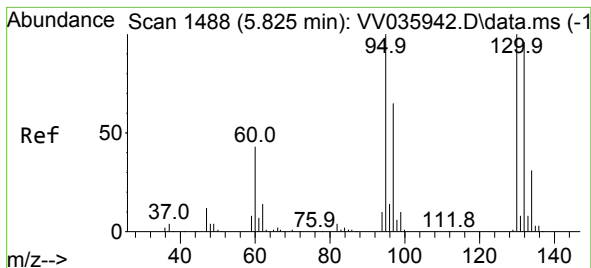
Tgt Ion:117 Resp: 252397
Ion Ratio Lower Upper
117 100
119 95.4 76.8 115.2



#33
Benzene
Concen: 25.034 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Tgt Ion: 78 Resp: 741153





#34

Trichloroethene

Concen: 24.741 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 224498

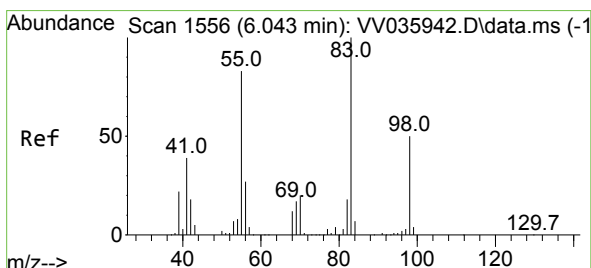
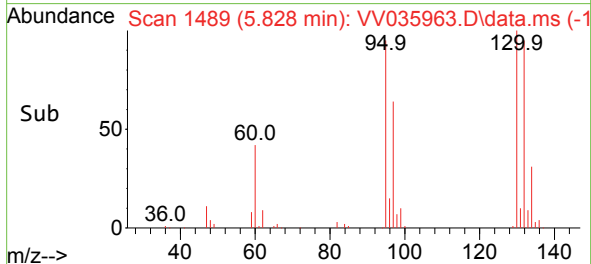
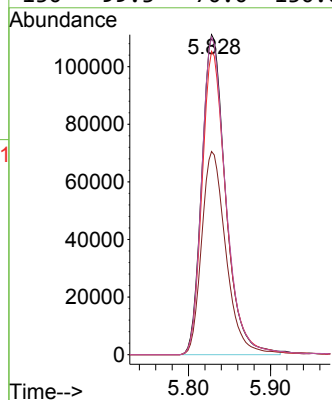
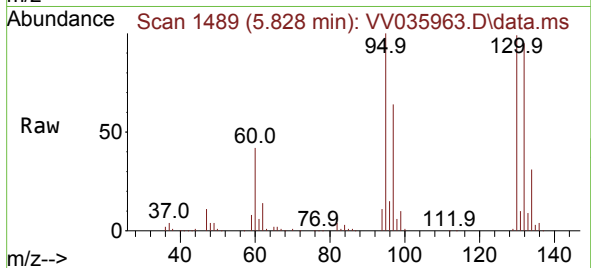
Ion Ratio Lower Upper

95 100

97 63.5 44.8 83.2

132 94.8 66.8 124.2

130 99.3 70.0 130.0



#35

Methylcyclohexane

Concen: 23.588 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

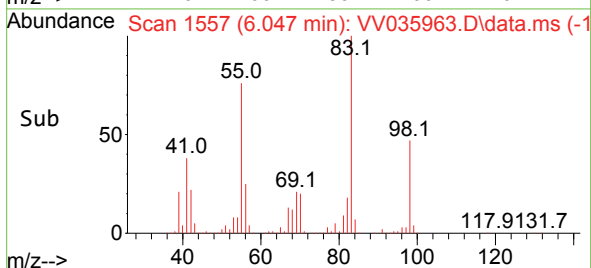
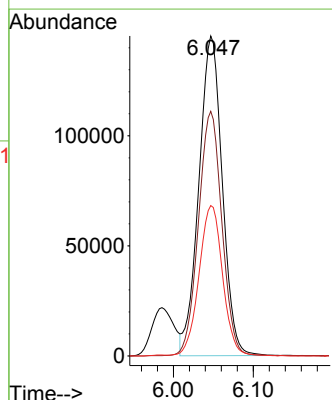
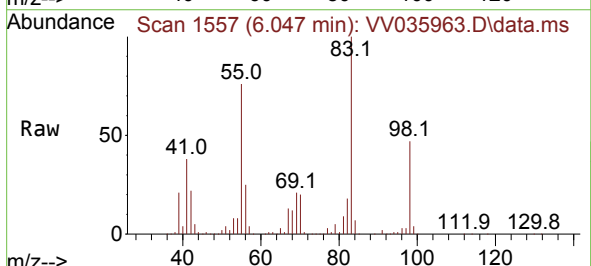
Tgt Ion: 83 Resp: 295991

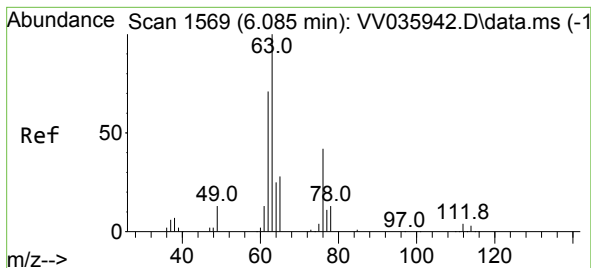
Ion Ratio Lower Upper

83 100

55 76.9 60.7 91.1

98 47.6 38.7 58.1





#37

1,2-Dichloropropane

Concen: 26.594 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_V

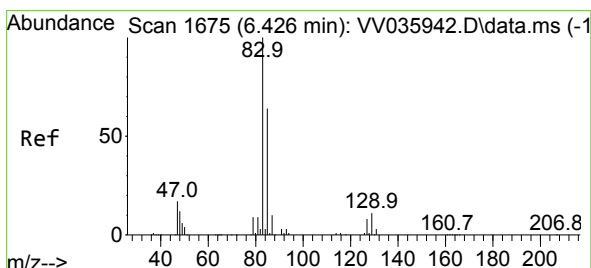
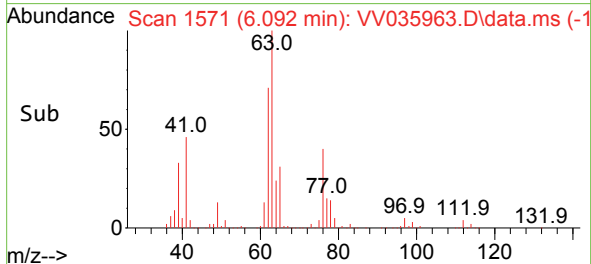
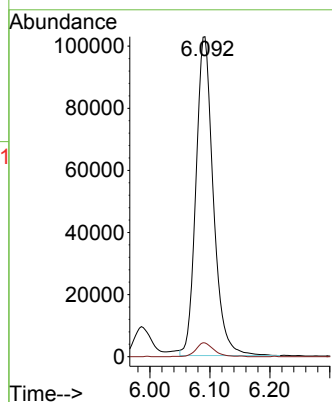
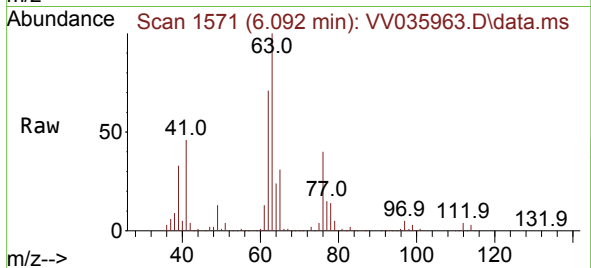
ClientSampleId :

Tgt Ion: 63 Resp: 206743

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 25.589 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

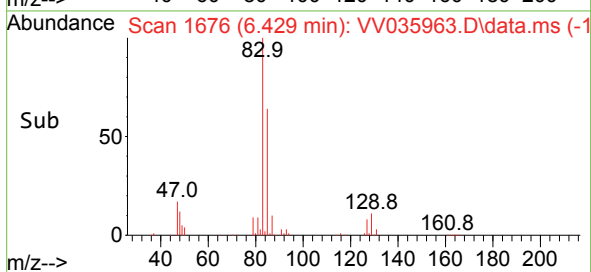
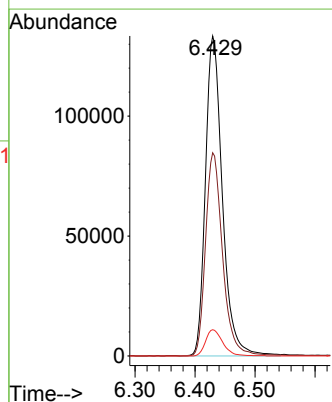
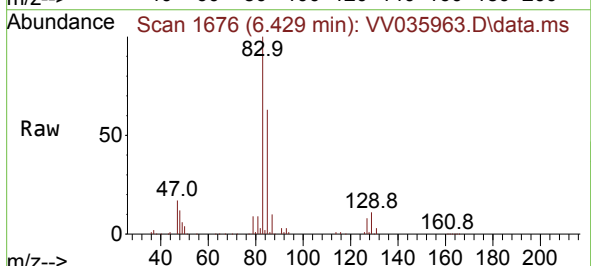
Tgt Ion: 83 Resp: 263300

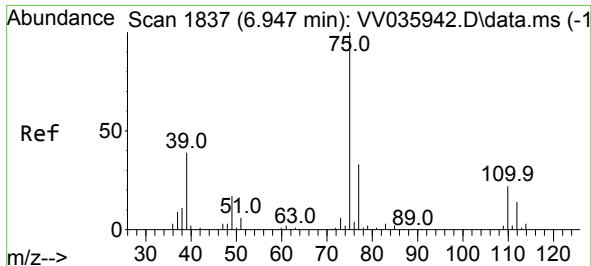
Ion Ratio Lower Upper

83 100

85 63.5 45.3 84.1

127 8.2 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 24.973 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_V

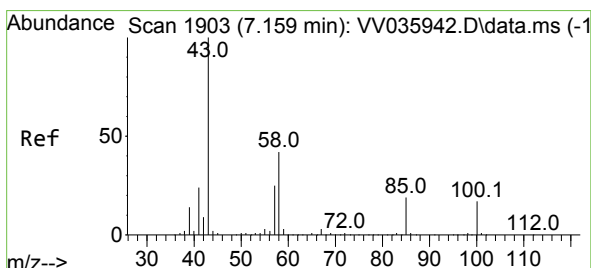
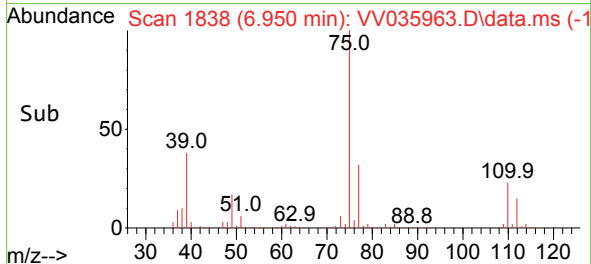
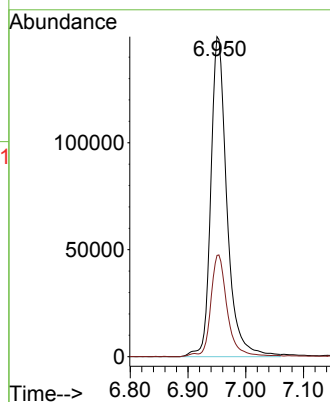
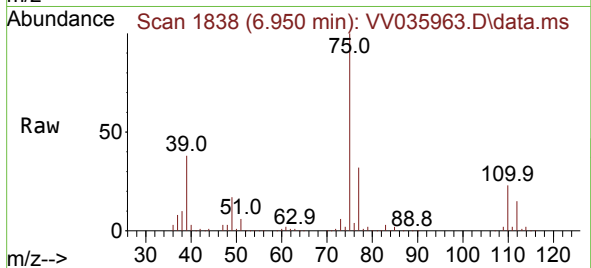
ClientSampleId :

Tgt Ion: 75 Resp: 290369

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 58.651 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

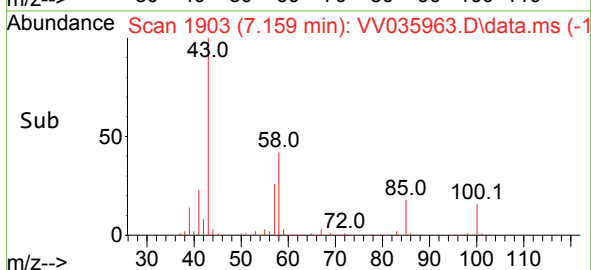
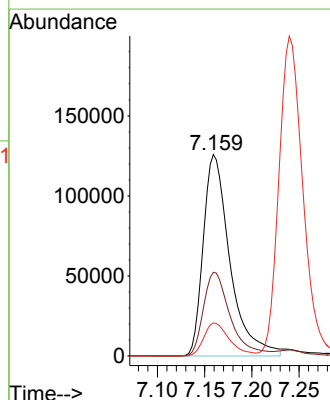
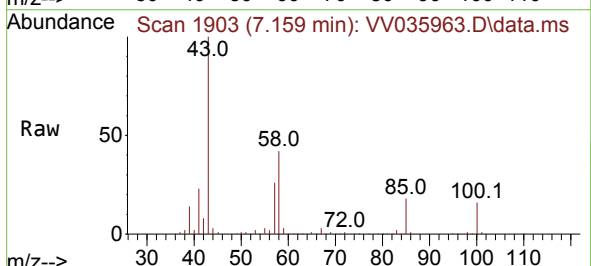
Tgt Ion: 43 Resp: 247719

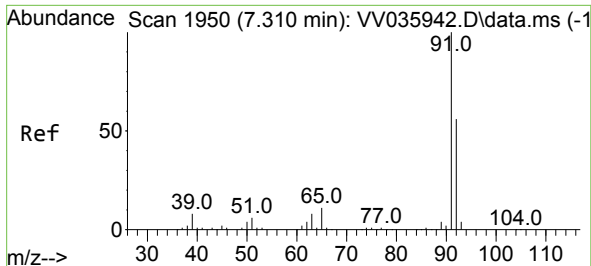
Ion Ratio Lower Upper

43 100

58 41.9 32.5 48.7

100 15.7 12.5 18.7





#42

Toluene

Concen: 25.928 ug/L

RT: 7.314 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_V

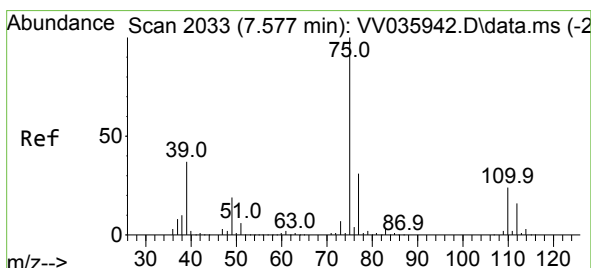
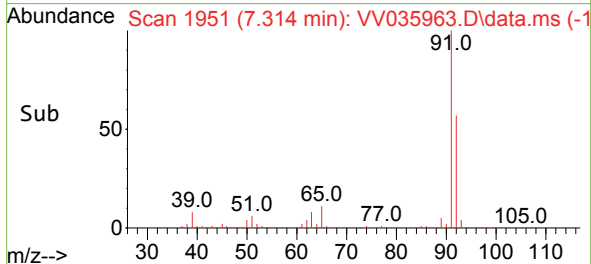
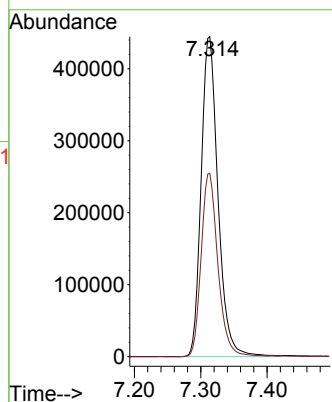
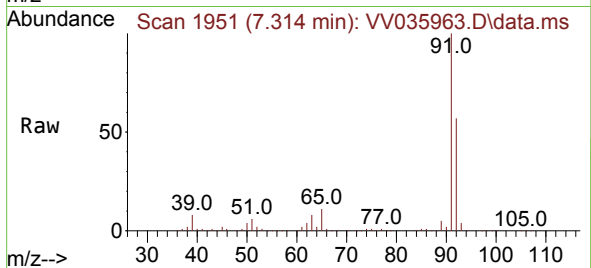
ClientSampleId :

Tgt Ion: 91 Resp: 784368

Ion Ratio Lower Upper

91 100

92 57.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 26.497 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035963.D

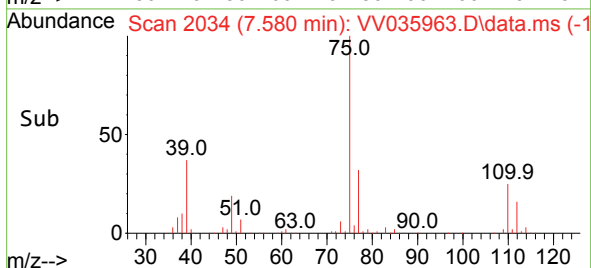
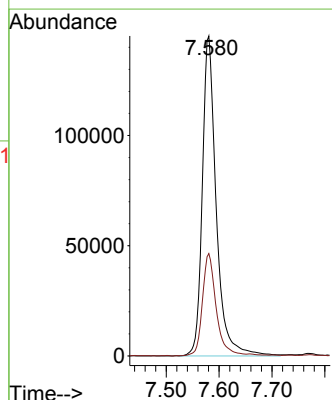
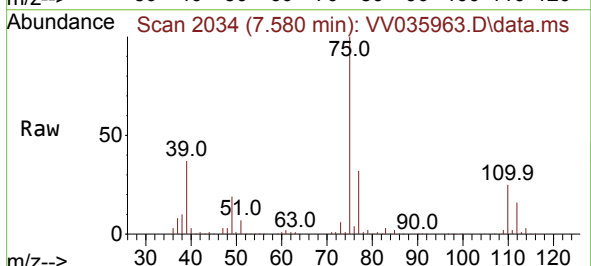
Acq: 03 Jun 2024 19:08

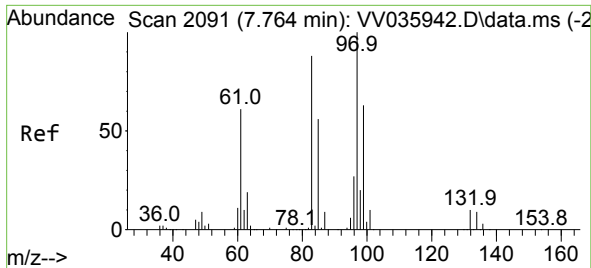
Tgt Ion: 75 Resp: 266113

Ion Ratio Lower Upper

75 100

77 32.0 23.1 42.9

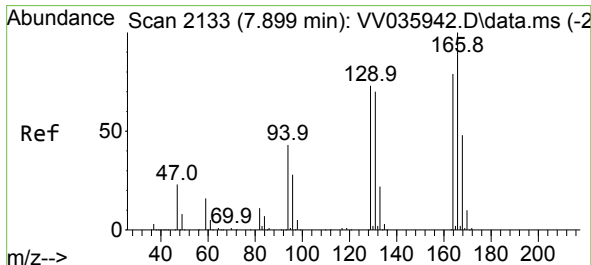
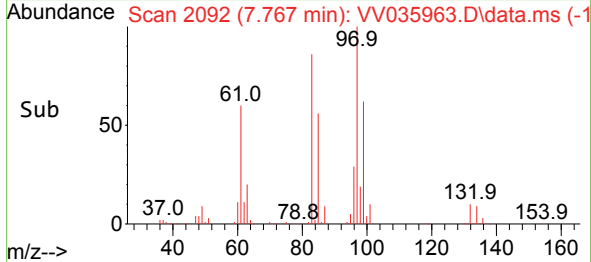
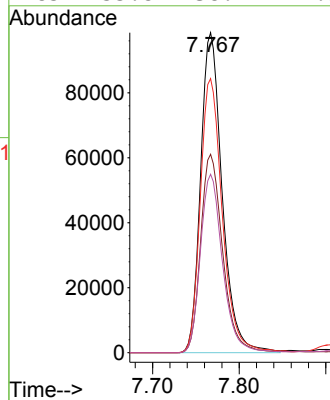
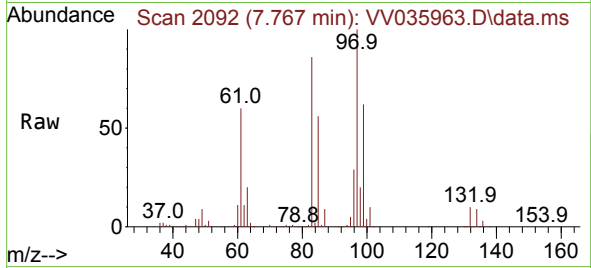




#45
1,1,2-Trichloroethane
Concen: 26.521 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

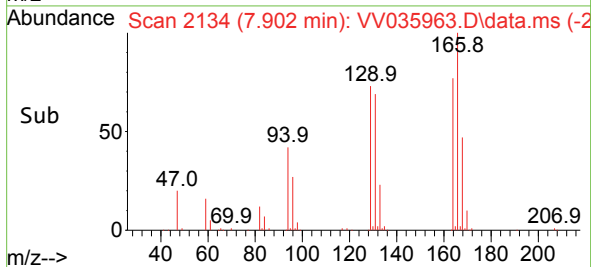
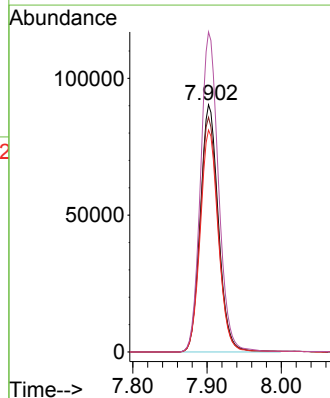
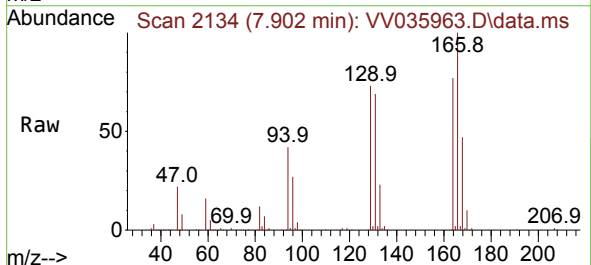
Instrument :
MSVOA_V
ClientSampleId :

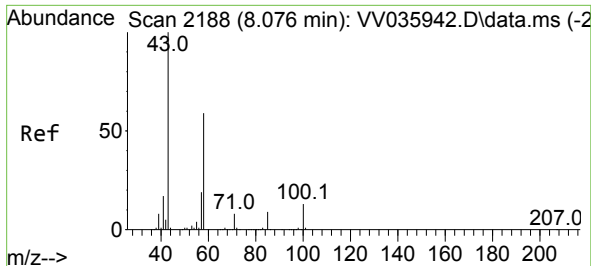
Tgt Ion: 97	Resp: 170589
Ion Ratio	Lower Upper
97	100
99	62.0 43.3 80.5
83	85.7 60.1 111.7
85	55.8 38.9 72.3



#46
Tetrachloroethene
Concen: 23.129 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

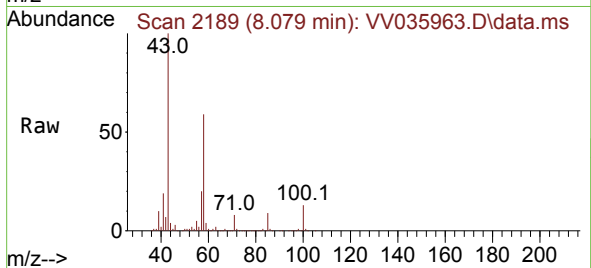
Tgt Ion: 164	Resp: 153492
Ion Ratio	Lower Upper
164	100
129	95.0 64.6 120.0
131	89.8 63.2 117.4
166	129.5 89.5 166.3



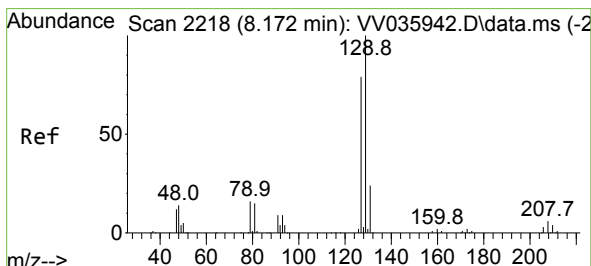
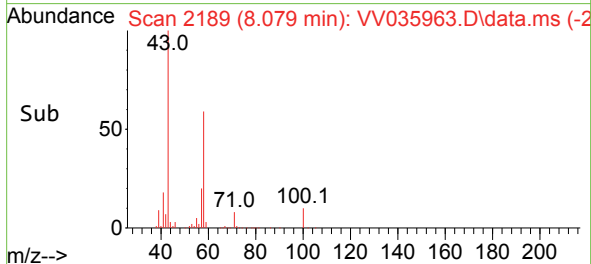
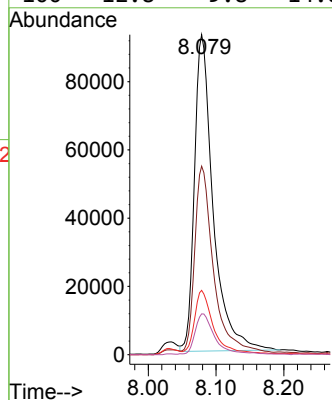


#48
2-Hexanone
Concen: 53.797 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Instrument :
MSVOA_V
ClientSampleId :

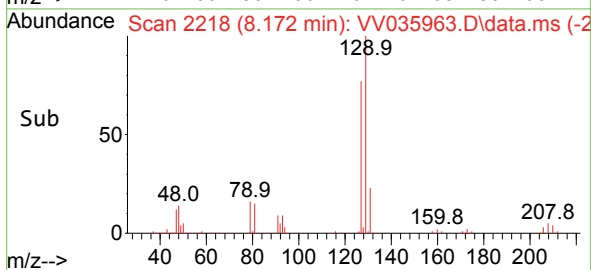
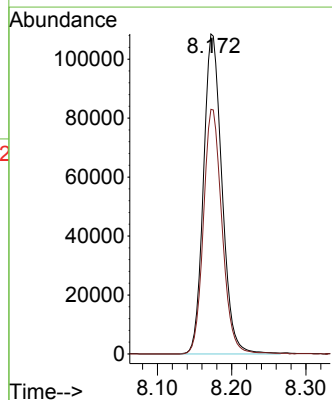
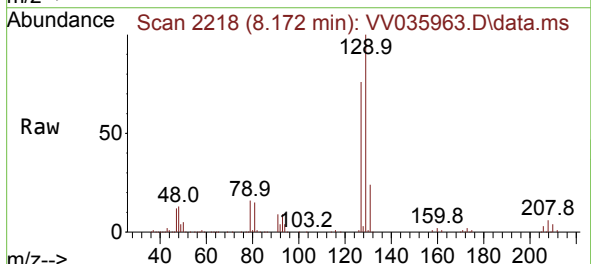


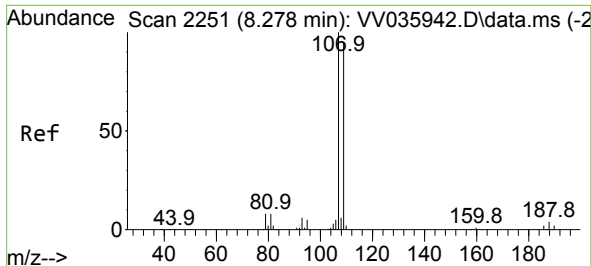
Tgt Ion: 43 Resp: 177636
Ion Ratio Lower Upper
43 100
58 58.2 45.4 68.0
57 19.7 15.8 23.8
100 12.8 9.8 14.8



#49
Dibromochloromethane
Concen: 26.717 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Tgt Ion: 129 Resp: 188080
Ion Ratio Lower Upper
129 100
127 76.5 53.9 100.1





#50

1,2-Dibromoethane

Concen: 27.454 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :

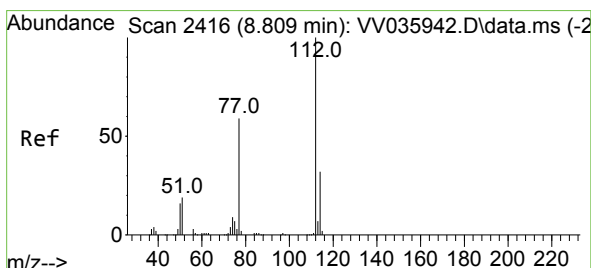
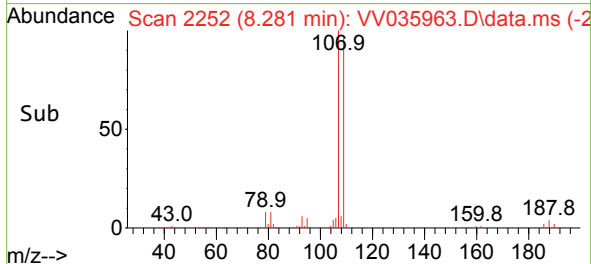
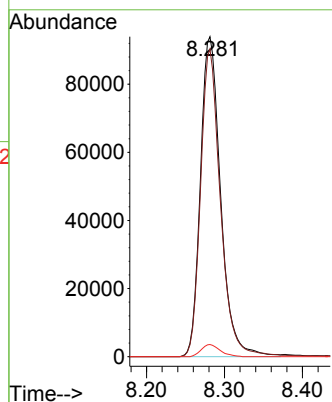
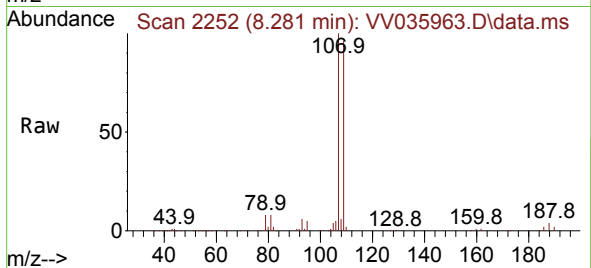
Tgt Ion:107 Resp: 169442

Ion Ratio Lower Upper

107 100

109 96.1 66.1 122.7

188 3.8 3.0 4.6



#51

Chlorobenzene

Concen: 24.725 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

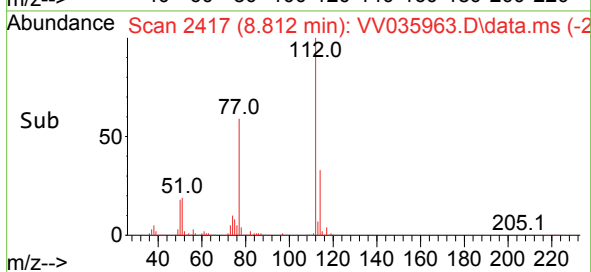
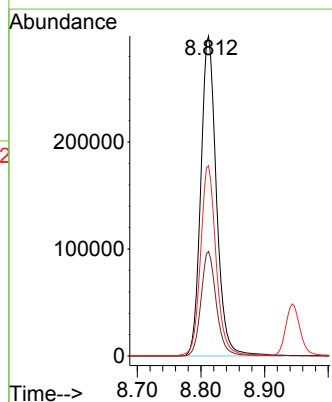
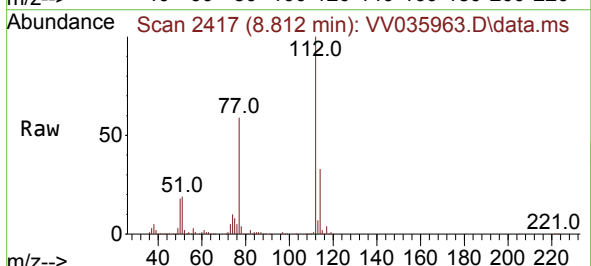
Tgt Ion:112 Resp: 509647

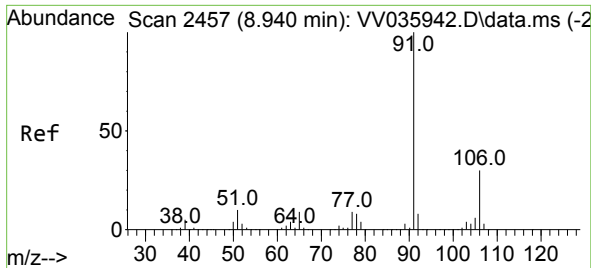
Ion Ratio Lower Upper

112 100

114 32.7 22.3 41.5

77 59.5 47.3 70.9

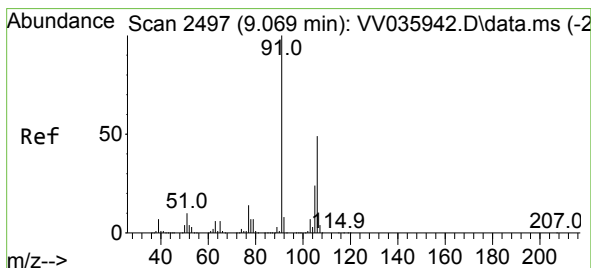
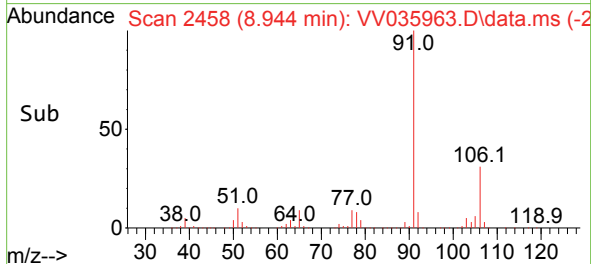
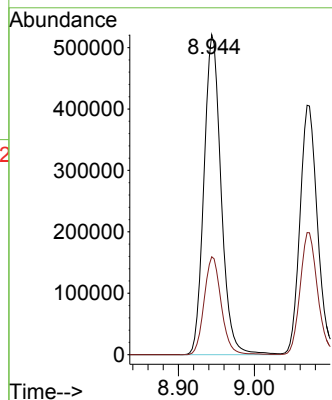
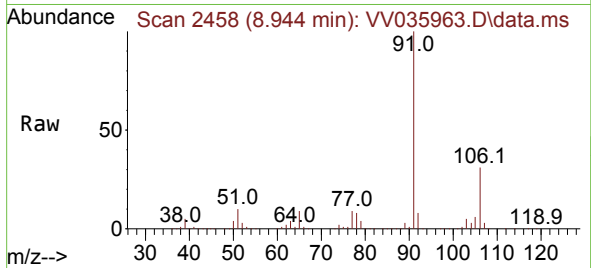




#52
Ethylbenzene
Concen: 25.254 ug/L
RT: 8.944 min Scan# 2457
Delta R.T. 0.003 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

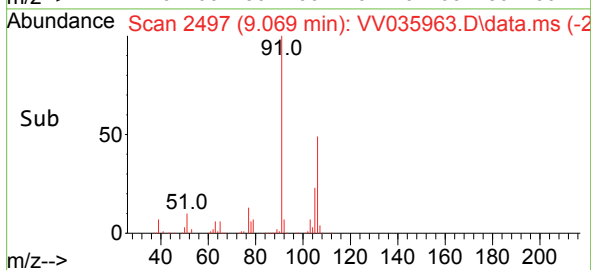
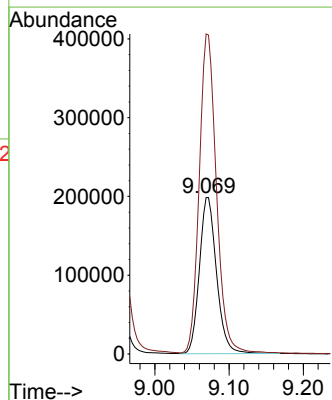
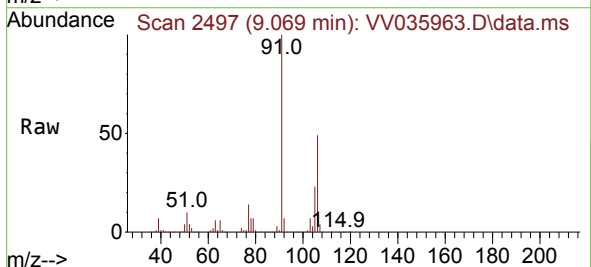
Instrument :
MSVOA_V
ClientSampleId :

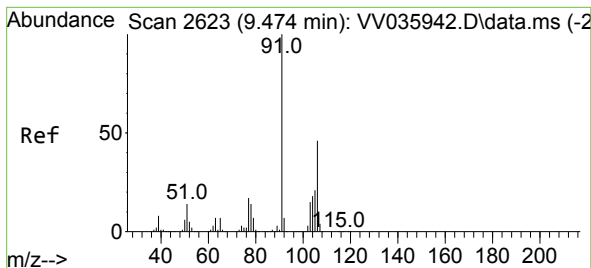
Tgt Ion: 91 Resp: 817402
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.0



#53
m,p-Xylene
Concen: 26.130 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Tgt Ion: 106 Resp: 317792
Ion Ratio Lower Upper
106 100
91 204.4 143.1 265.9





#54

o-Xylene

Concen: 25.909 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_V

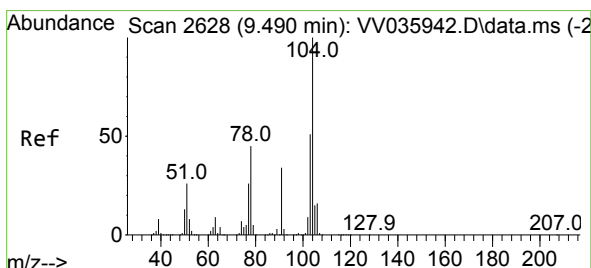
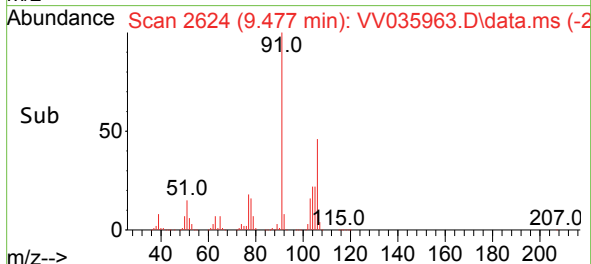
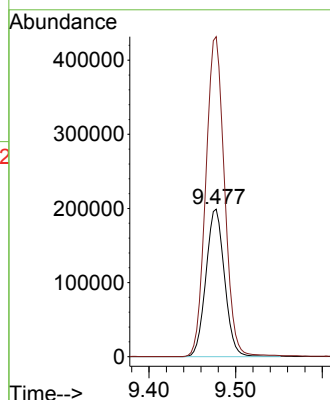
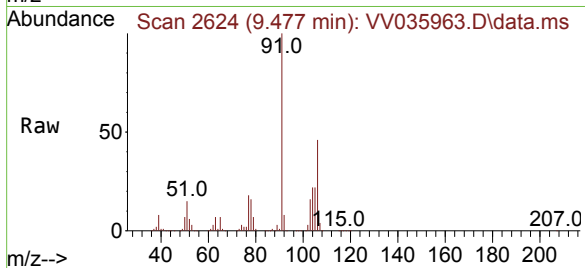
ClientSampleId :

Tgt Ion:106 Resp: 297150

Ion Ratio Lower Upper

106 100

91 217.0 154.5 286.9



#55

Styrene

Concen: 28.168 ug/L

RT: 9.494 min Scan# 2629

Delta R.T. 0.003 min

Lab File: VV035963.D

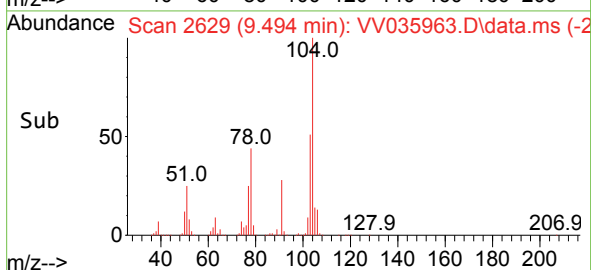
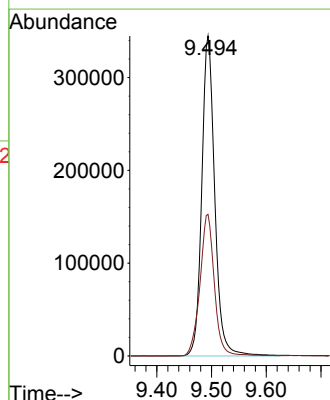
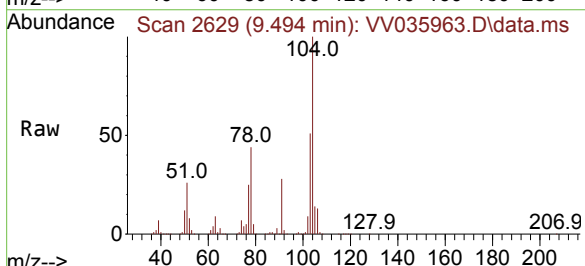
Acq: 03 Jun 2024 19:08

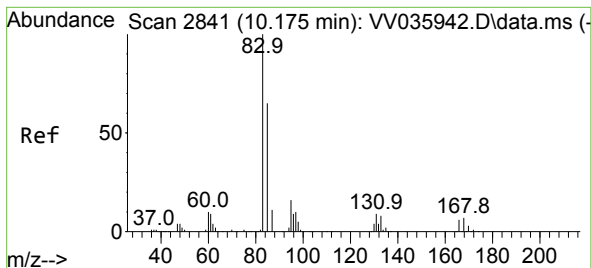
Tgt Ion:104 Resp: 569695

Ion Ratio Lower Upper

104 100

78 44.3 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 25.163 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :

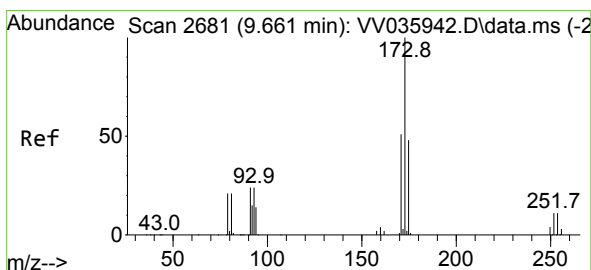
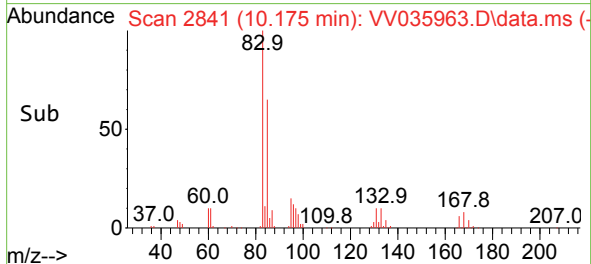
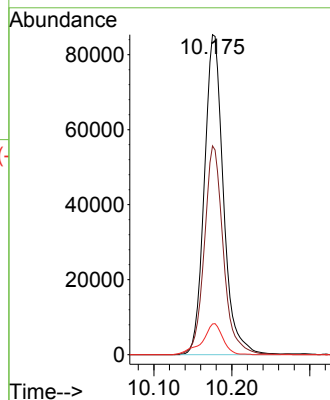
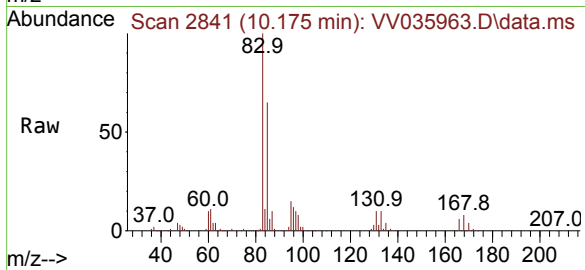
Tgt Ion: 83 Resp: 144931

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.7

131 9.6 7.6 11.4



#59

Bromoform

Concen: 26.292 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.003 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

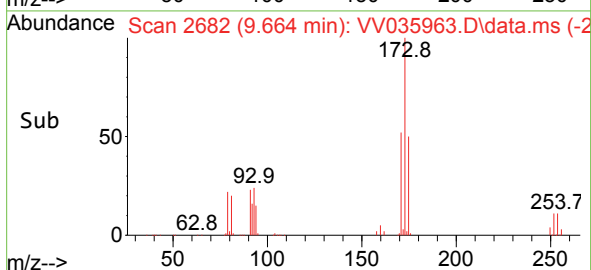
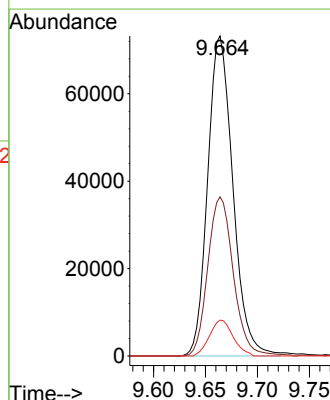
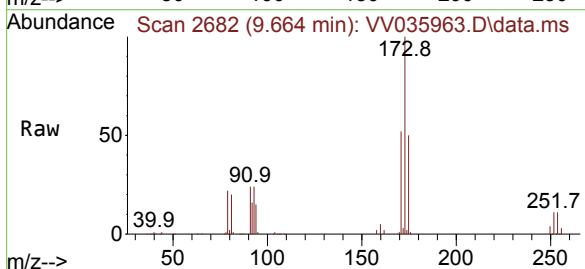
Tgt Ion: 173 Resp: 123530

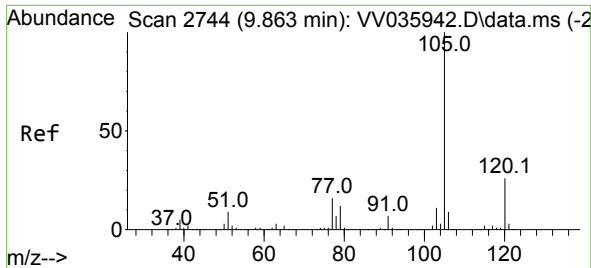
Ion Ratio Lower Upper

173 100

175 50.3 39.0 58.6

254 10.5 8.6 13.0

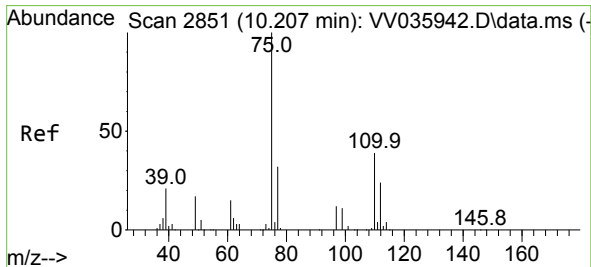
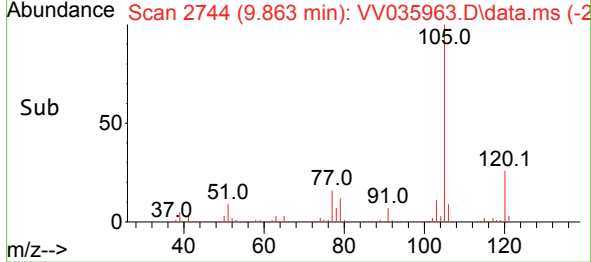
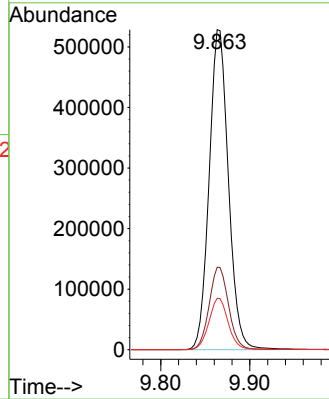
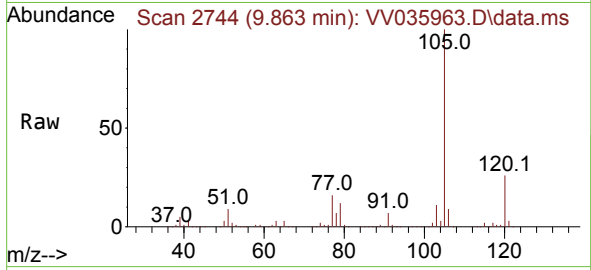




#60
Isopropylbenzene
Concen: 24.768 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

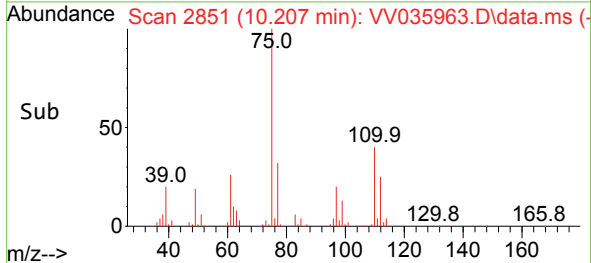
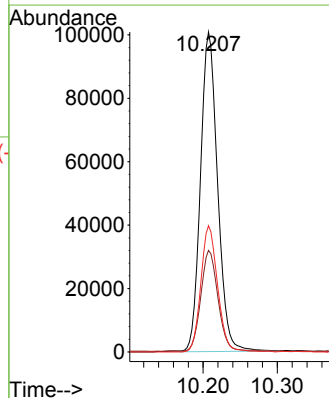
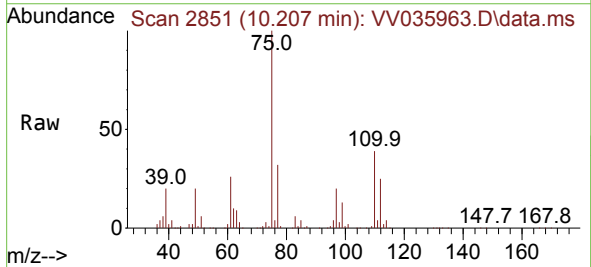
Instrument :
MSVOA_V
ClientSampleId :

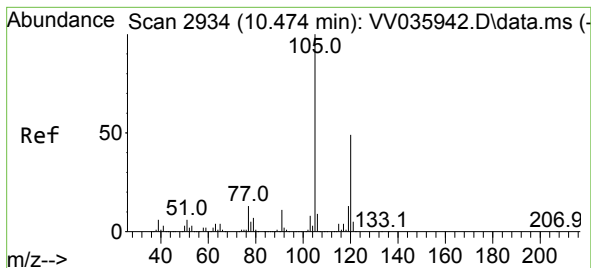
Tgt Ion:105 Resp: 791629
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 15.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 27.349 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Tgt Ion: 75 Resp: 161146
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0
110 38.5 32.2 48.4

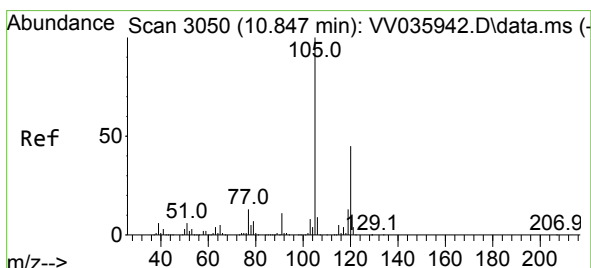
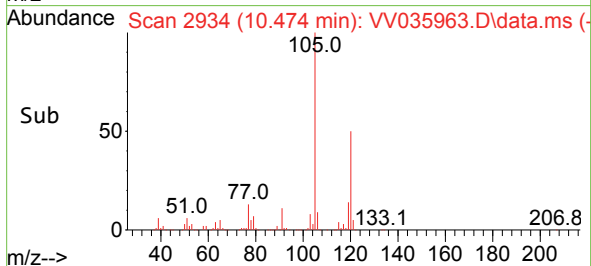
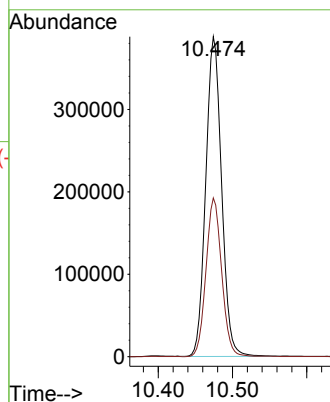
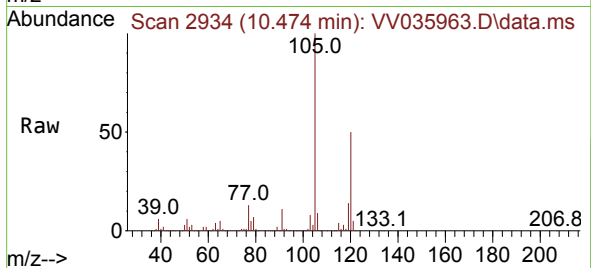




#62
1,3,5-Trimethylbenzene
Concen: 24.726 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

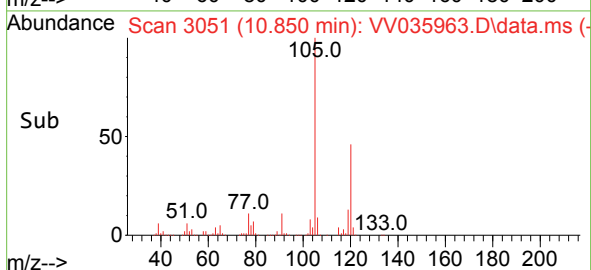
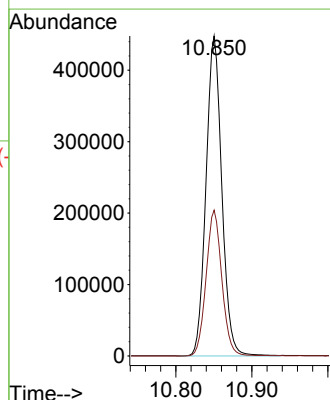
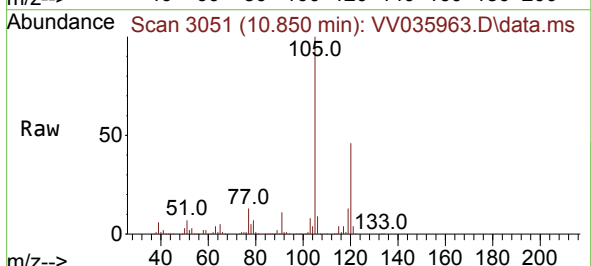
Instrument :
MSVOA_V
ClientSampleId :

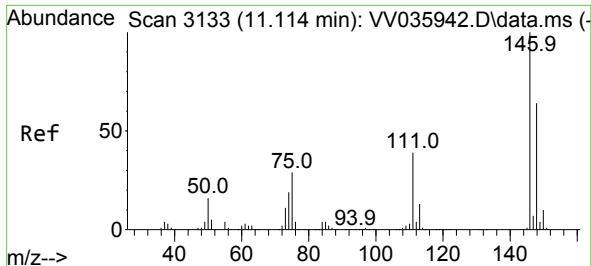
Tgt Ion:105 Resp: 573076
Ion Ratio Lower Upper
105 100
120 49.2 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 25.863 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Tgt Ion:105 Resp: 645833
Ion Ratio Lower Upper
105 100
120 45.5 36.2 54.4

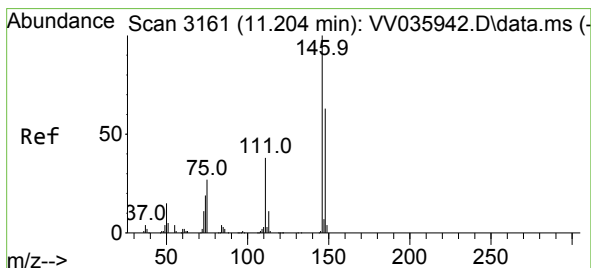
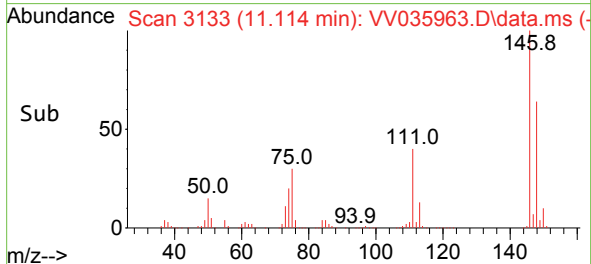
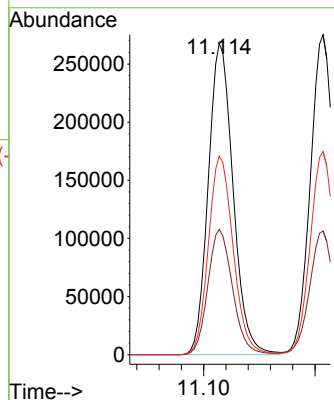
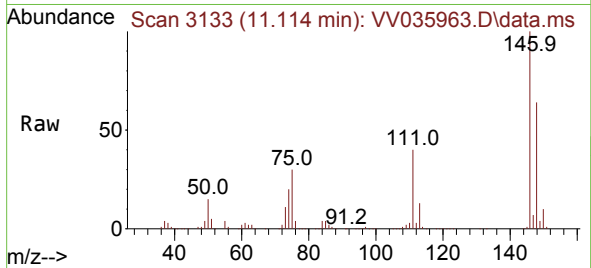




#64
1,3-Dichlorobenzene
Concen: 24.699 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

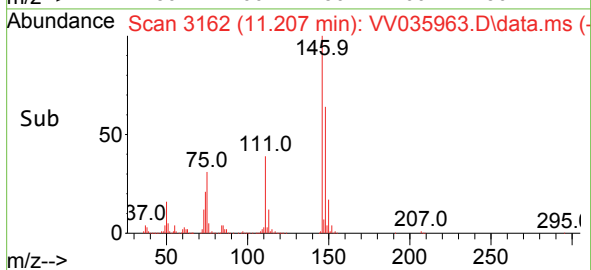
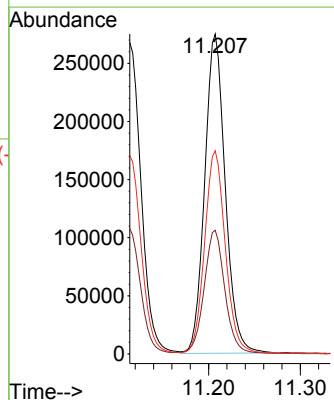
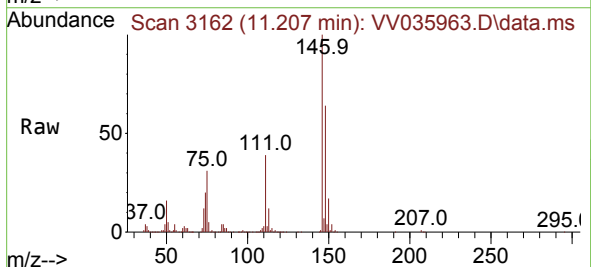
Instrument :
MSVOA_V
ClientSampleId :

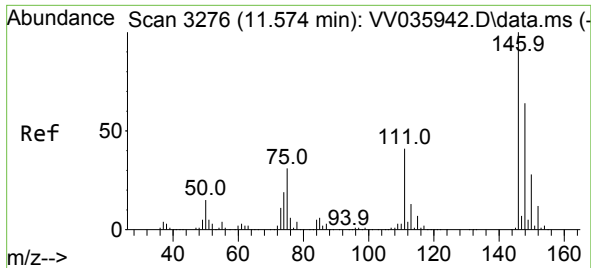
Tgt Ion:146 Resp: 414584
Ion Ratio Lower Upper
146 100
111 40.3 28.1 52.1
148 63.7 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 24.702 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Tgt Ion:146 Resp: 427967
Ion Ratio Lower Upper
146 100
111 38.7 26.9 50.1
148 63.5 44.5 82.7

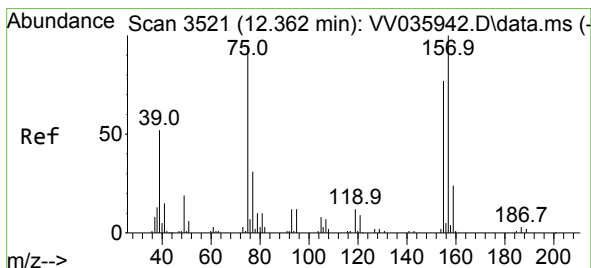
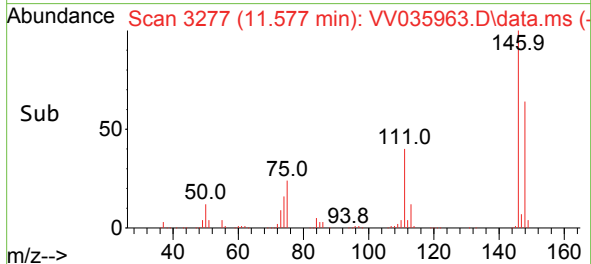
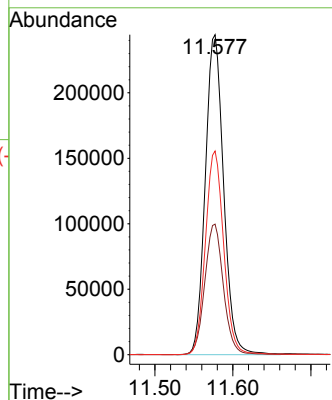
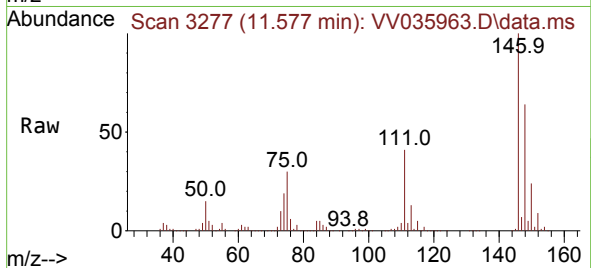




#67
1,2-Dichlorobenzene
Concen: 25.289 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

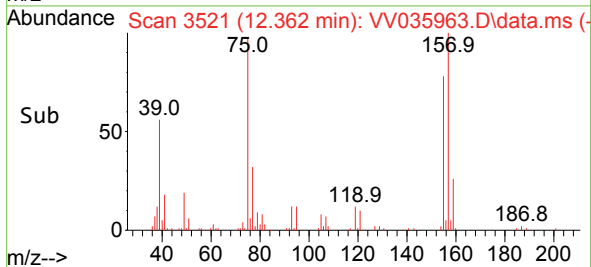
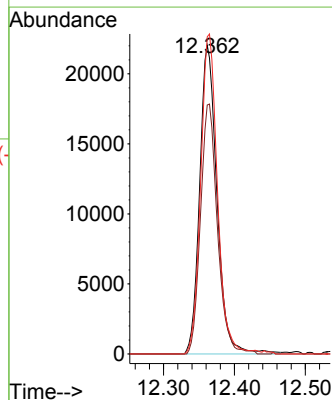
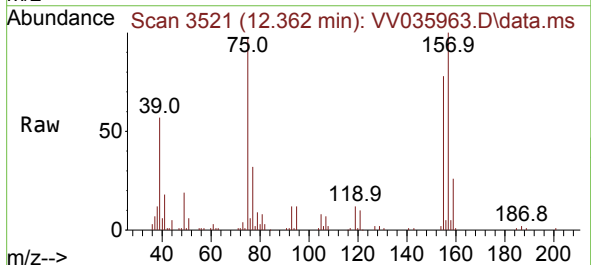
Instrument :
MSVOA_V
ClientSampleId :

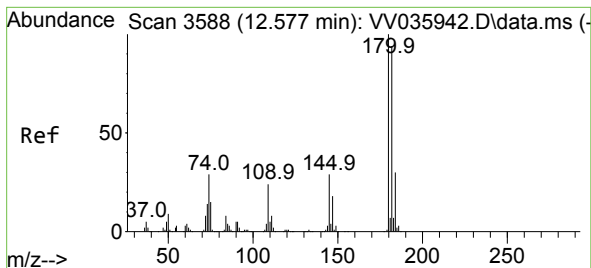
Tgt Ion:146 Resp: 399452
Ion Ratio Lower Upper
146 100
111 40.8 33.5 50.3
148 63.7 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 28.400 ug/L
RT: 12.362 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Tgt Ion: 75 Resp: 37420
Ion Ratio Lower Upper
75 100
155 80.6 63.3 94.9
157 102.7 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 23.516 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

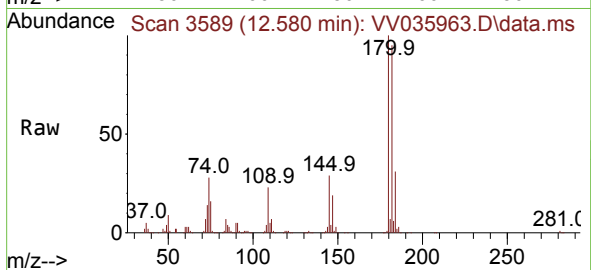
Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 295260

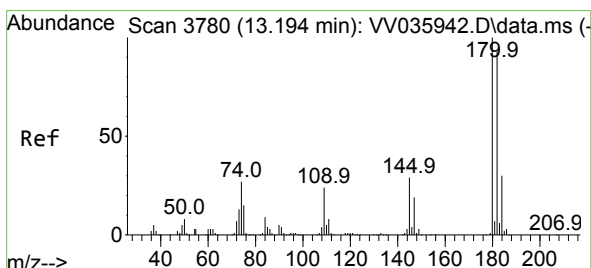
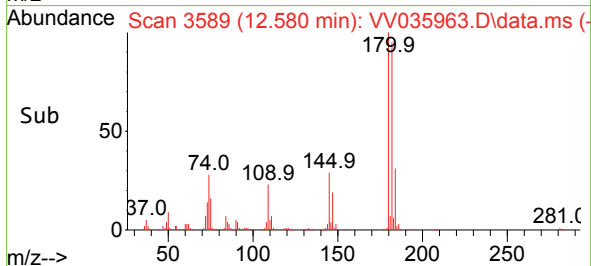
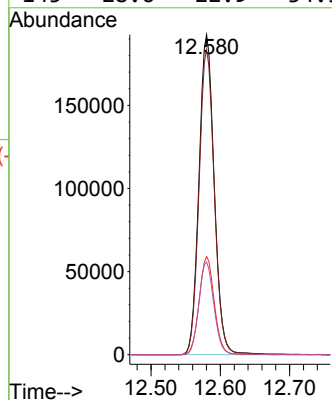
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.4

184 30.2 24.2 36.2

145 28.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 24.252 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035963.D

Acq: 03 Jun 2024 19:08

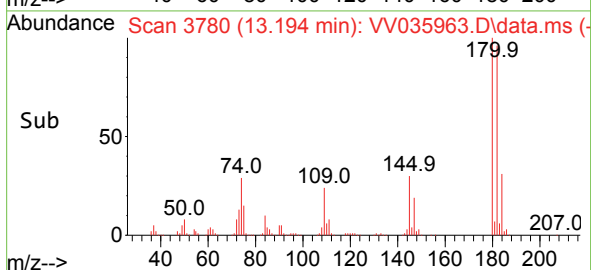
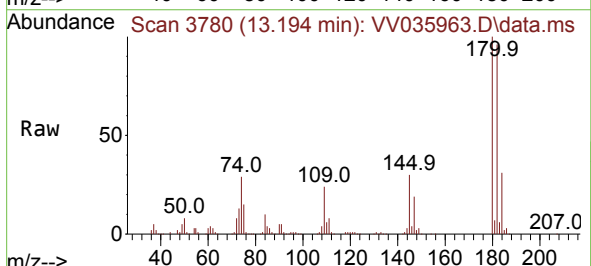
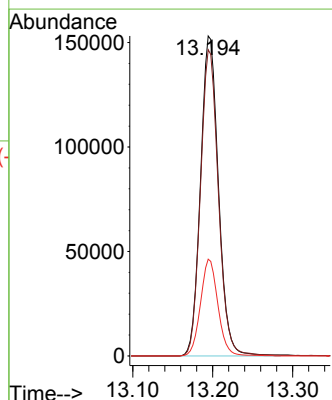
Tgt Ion:180 Resp: 239761

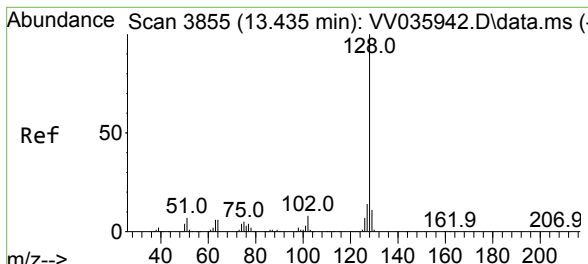
Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

145 29.2 23.5 35.3

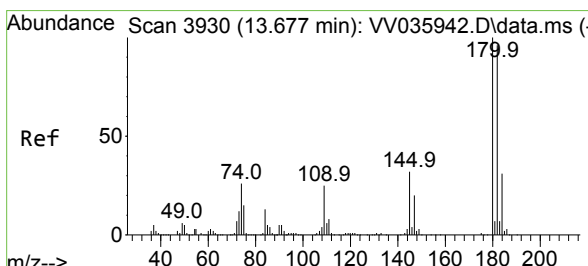
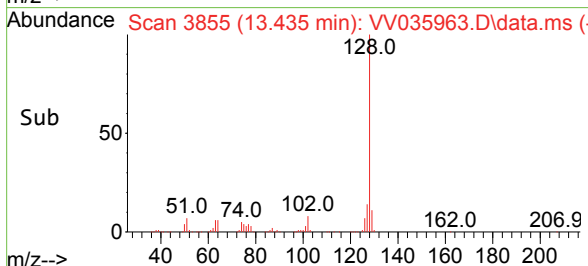
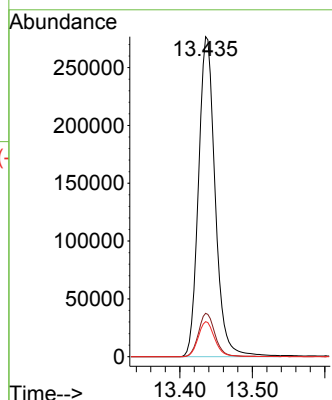
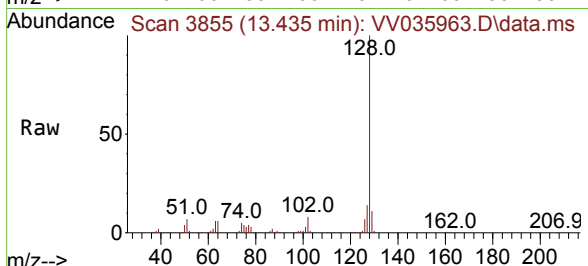




#71
Naphthalene
Concen: 27.426 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 442489
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 27.016 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035963.D
Acq: 03 Jun 2024 19:08

Tgt Ion:180 Resp: 243720
Ion Ratio Lower Upper
180 100
182 94.6 75.1 112.7
145 31.2 25.2 37.8

