

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073124\
 Data File : VX042784.D
 Acq On : 31 Jul 2024 19:31
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 01 02:20:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 01:44:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	161916	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	145764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	65562	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	41343	42.028	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.060%		
7) Chloroethane-d5	1.648	69	17493	43.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.320%		
11) 1,1-Dichloroethene-d2	2.294	65	19322	39.866	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.740%		
21) 2-Butanone-d5	4.465	46	57726	79.177	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.180%		
24) Chloroform-d	5.056	84	95013	44.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.260%		
26) 1,2-Dichloroethane-d4	5.958	65	60455	43.521	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.040%		
32) Benzene-d6	5.970	84	179669	44.413	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.820%		
36) 1,2-Dichloropropane-d6	7.312	67	51170	42.738	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.480%		
41) Toluene-d8	8.647	98	166454	45.891	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.780%		
43) trans-1,3-Dichloroprop...	8.952	79	23806	42.488	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.980%		
47) 2-Hexanone-d5	9.384	63	46205	86.315	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.310%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	73239	42.485	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.960%		
66) 1,2-Dichlorobenzene-d4	12.323	152	55698	44.953	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	72652	50.787	ug/L	99
3) Chloromethane	1.301	50	56798	48.014	ug/L	99
5) Vinyl chloride	1.374	62	54846	48.773	ug/L	97
6) Bromomethane	1.593	94	15603	44.348	ug/L	99
8) Chloroethane	1.666	64	18416	44.730	ug/L	100
9) Trichlorofluoromethane	1.874	101	73205	45.993	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	55183	48.247	ug/L	96
12) 1,1-Dichloroethene	2.306	96	48317	46.159	ug/L	90
13) Acetone	2.392	43	60540	106.229	ug/L	100
14) Carbon disulfide	2.502	76	105677	41.348	ug/L	99
15) Methyl Acetate	2.709	43	56408	44.652	ug/L	97
16) Methylene chloride	2.788	84	63029	52.140	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	51369	47.820	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	189872	50.995	ug/L	99
19) 1,1-Dichloroethane	3.605	63	98904	48.223	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	62499	50.938	ug/L	93
22) 2-Butanone	4.568	43	84768	97.663	ug/L	97
23) Bromochloromethane	4.904	128	27194	46.804	ug/L	89
25) Chloroform	5.099	83	112830	51.594	ug/L	97

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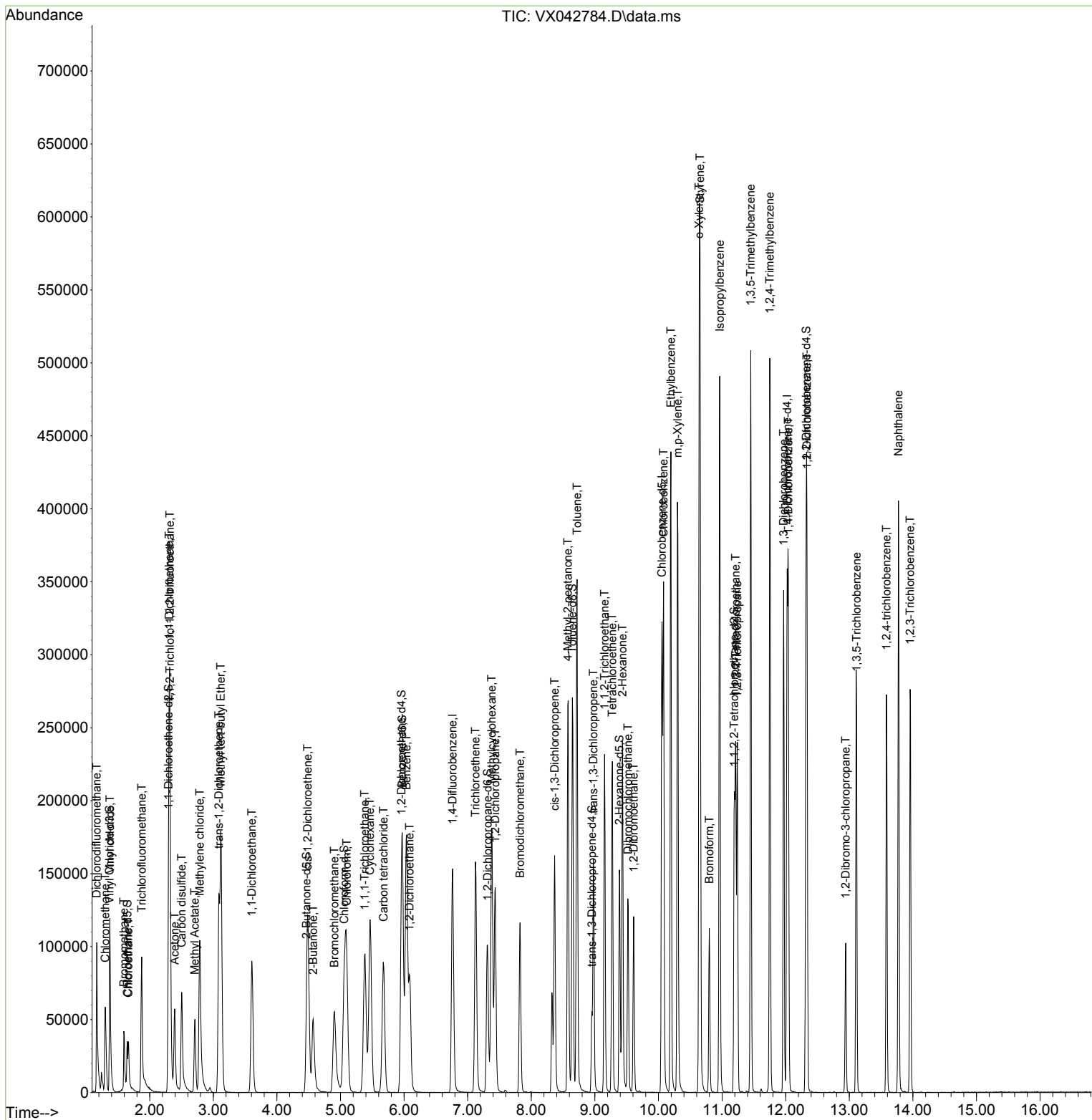
Instrument :
 MSVOA_X
 ClientSampleId :

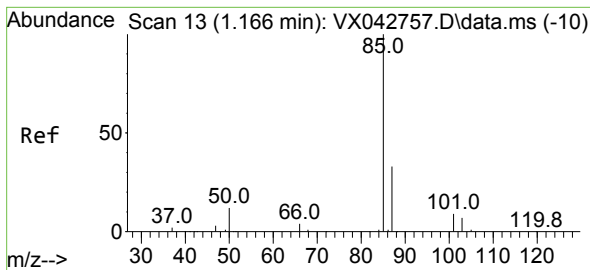
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 01:44:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	88211	50.788	ug/L	99
29) Cyclohexane	5.464	56	78645	45.639	ug/L	96
30) 1,1,1-Trichloroethane	5.379	97	97922	52.593	ug/L	98
31) Carbon tetrachloride	5.678	117	81973	52.124	ug/L	100
33) Benzene	6.037	78	219302	49.162	ug/L	100
34) Trichloroethene	7.123	95	60882	51.085	ug/L	99
35) Methylcyclohexane	7.379	83	87704	48.622	ug/L	95
37) 1,2-Dichloropropane	7.434	63	55269	47.673	ug/L	99
38) Bromodichloromethane	7.824	83	75034	50.076	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	84376	47.414	ug/L	94
40) 4-Methyl-2-pentanone	8.574	43	154601	96.925	ug/L	96
42) Toluene	8.720	91	230936	50.264	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	77306	47.923	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	60093	51.321	ug/L	97
46) Tetrachloroethene	9.275	164	43029	52.941	ug/L	91
48) 2-Hexanone	9.433	43	122361	98.637	ug/L	98
49) Dibromochloromethane	9.519	129	57290	52.396	ug/L	93
50) 1,2-Dibromoethane	9.610	107	63015	51.744	ug/L #	97
51) Chlorobenzene	10.079	112	154103	51.867	ug/L	97
52) Ethylbenzene	10.195	91	257001	50.999	ug/L	99
53) m,p-Xylene	10.299	106	100042	52.698	ug/L	99
54) o-Xylene	10.640	106	99426	52.649	ug/L	98
55) Styrene	10.653	104	165459	52.559	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	89578	47.839	ug/L	98
59) Bromoform	10.799	173	39350	53.483	ug/L	99
60) Isopropylbenzene	10.963	105	258552	52.192	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	75204	49.582	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	214733	52.119	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	211417	51.969	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	106185	49.839	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	108498	50.560	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	110592	51.548	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	20151	49.869	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	67277	50.910	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	60434	52.149	ug/L	98
71) Naphthalene	13.774	128	244335	54.657	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	64386	53.636	ug/L	100

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

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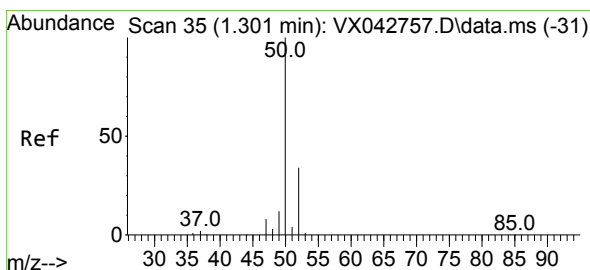
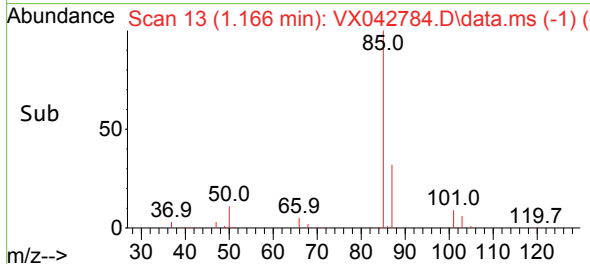
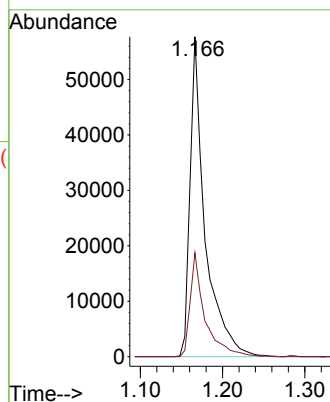
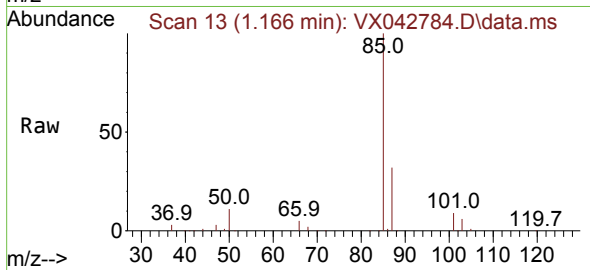




#2
Dichlorodifluoromethane
Concen: 50.787 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

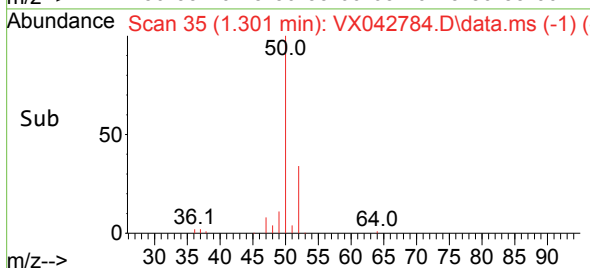
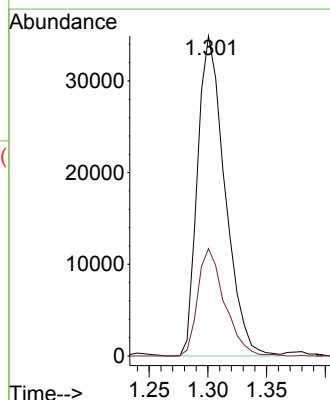
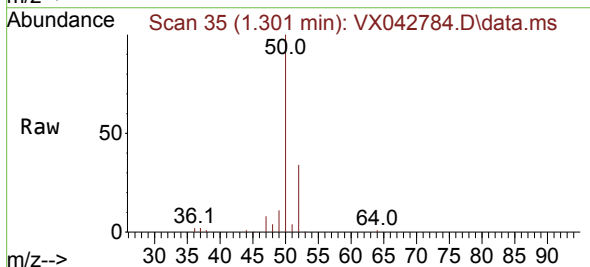
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MSVOA_X
ClientSampleId :

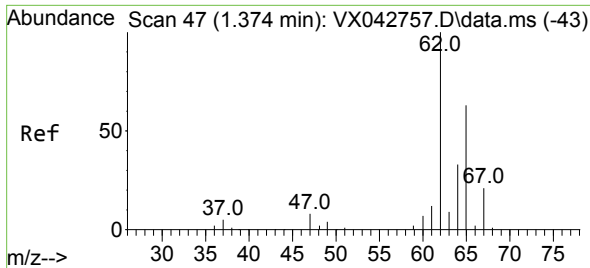
Tgt Ion: 85 Resp: 72652
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.8



#3
Chloromethane
Concen: 48.014 ug/L
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

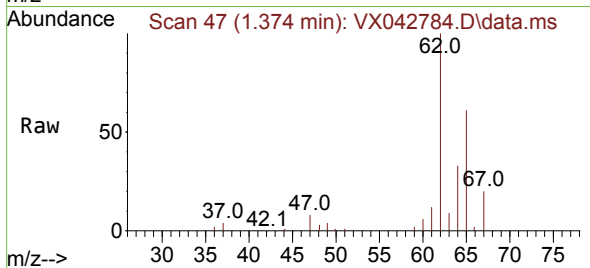
Tgt Ion: 50 Resp: 56798
Ion Ratio Lower Upper
50 100
52 33.6 23.0 42.6



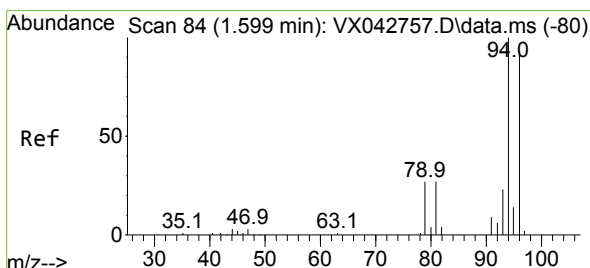
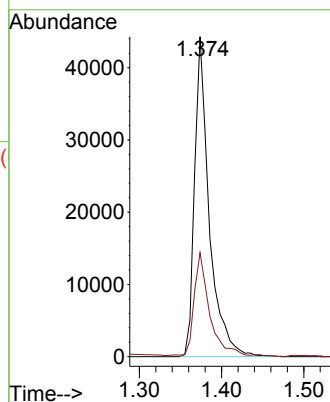
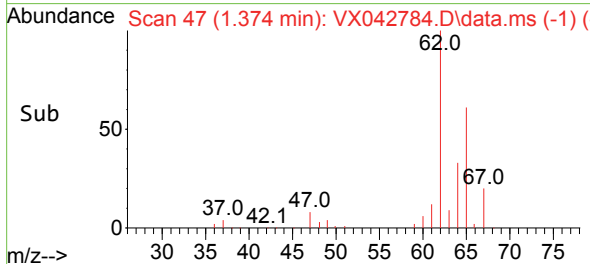


#5
 Vinyl chloride
 Concen: 48.773 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX042784.D
 Acq: 31 Jul 2024 19:31

Instrument :
 MSVOA_X
 ClientSampleId :

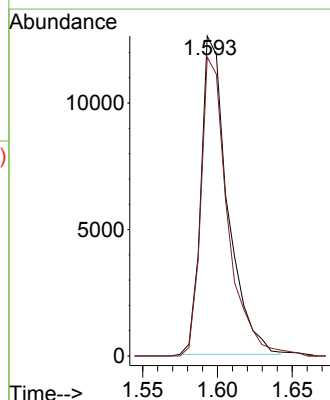
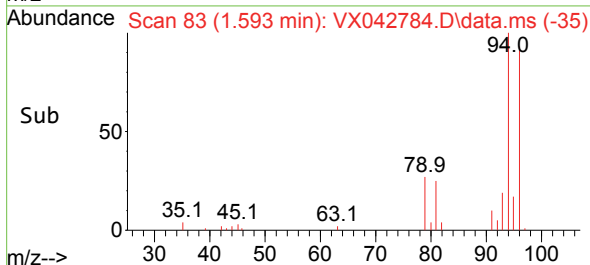
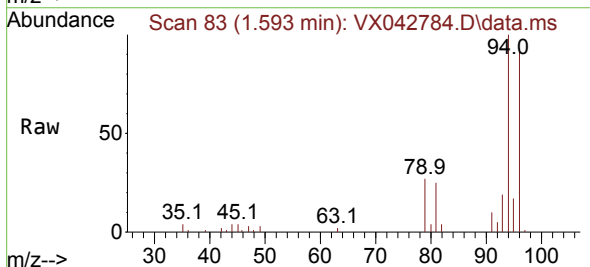


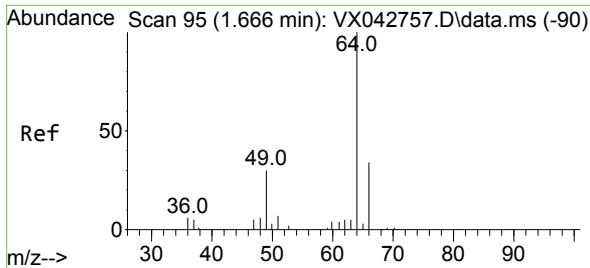
Tgt Ion: 62 Resp: 54846
 Ion Ratio Lower Upper
 62 100
 64 32.5 21.6 40.0



#6
 Bromomethane
 Concen: 44.348 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: VX042784.D
 Acq: 31 Jul 2024 19:31

Tgt Ion: 94 Resp: 15603
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.1 122.7

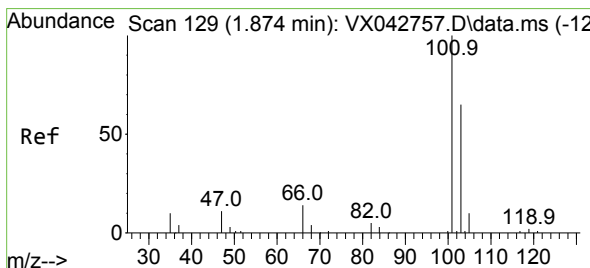
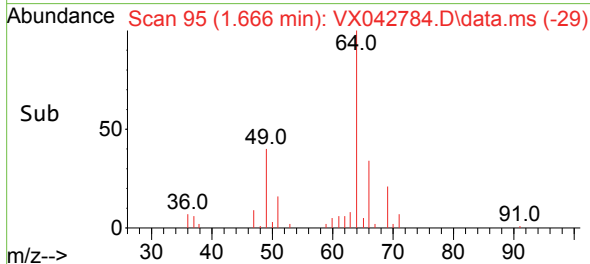
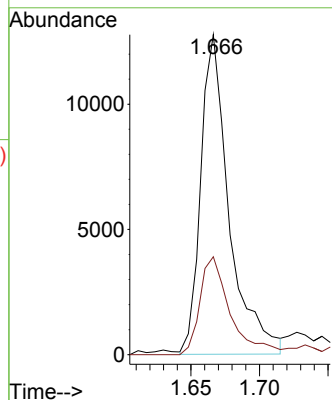
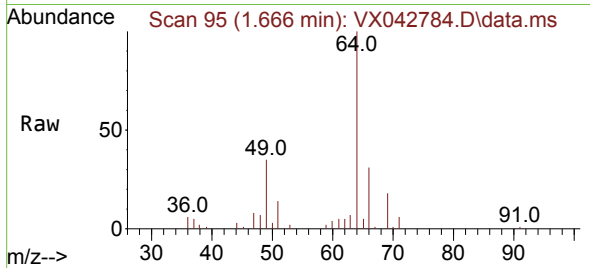




#8
Chloroethane
Concen: 44.730 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

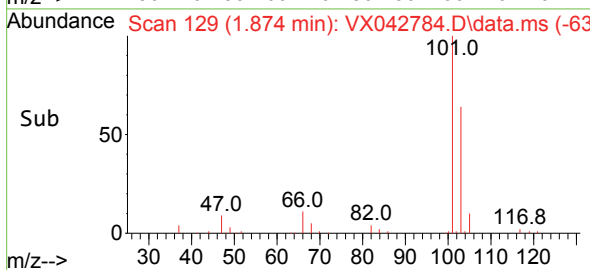
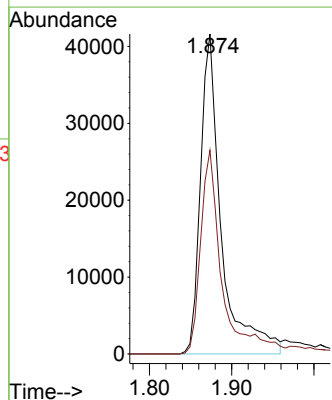
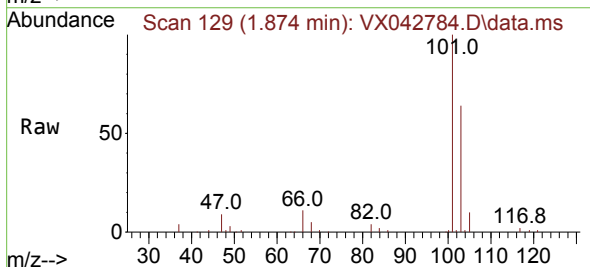
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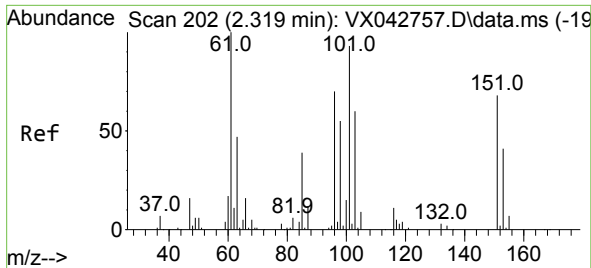
Tgt Ion: 64 Resp: 18416
Ion Ratio Lower Upper
64 100
66 30.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 45.993 ug/L
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

Tgt Ion:101 Resp: 73205
Ion Ratio Lower Upper
101 100
103 59.6 45.2 67.8

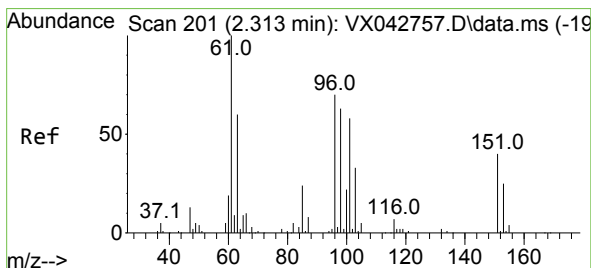
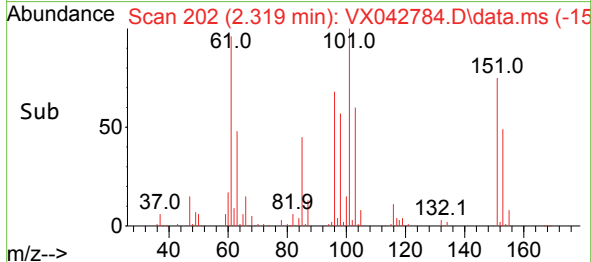
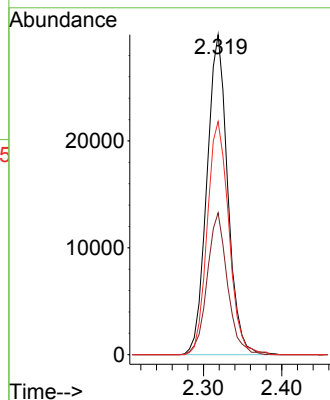
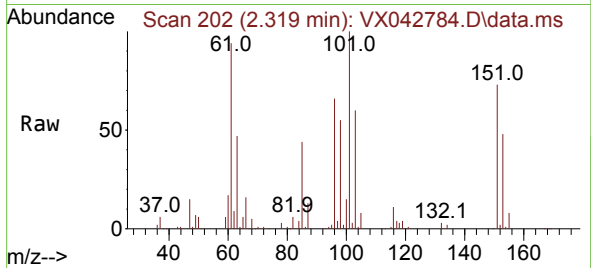




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.247 ug/L
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

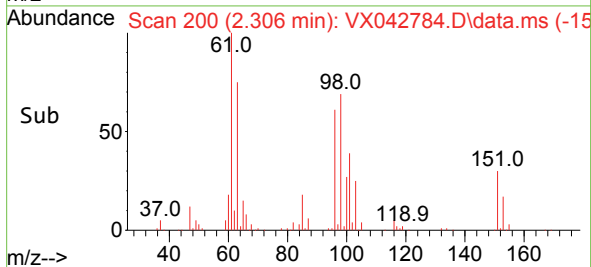
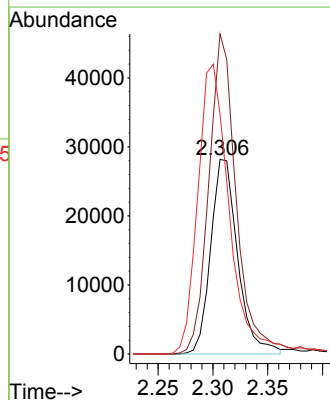
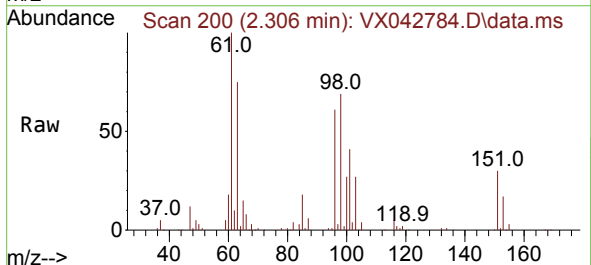
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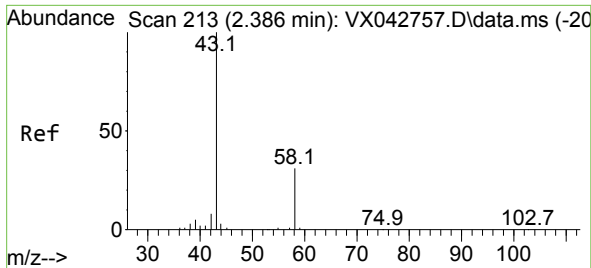
Tgt Ion:101 Resp: 55183
Ion Ratio Lower Upper
101 100
85 43.2 34.4 51.6
151 75.6 56.6 85.0



#12
1,1-Dichloroethene
Concen: 46.159 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

Tgt Ion: 96 Resp: 48317
Ion Ratio Lower Upper
96 100
61 164.5 113.0 209.9
63 123.1 70.5 130.9





#13

Acetone

Concen: 106.229 ug/L

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Instrument :

MSVOA_X

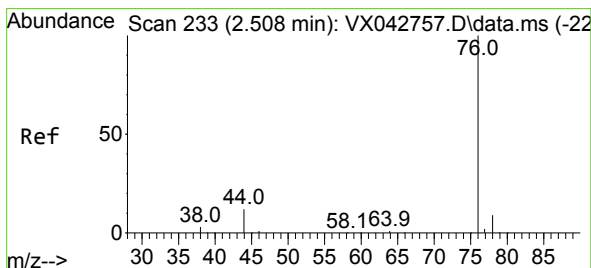
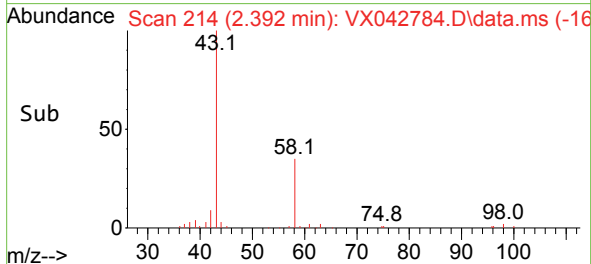
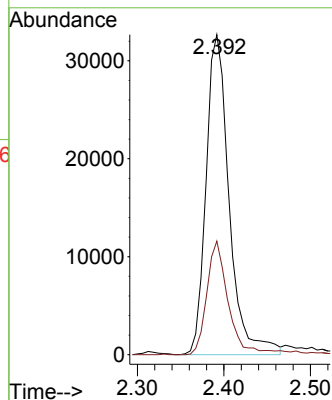
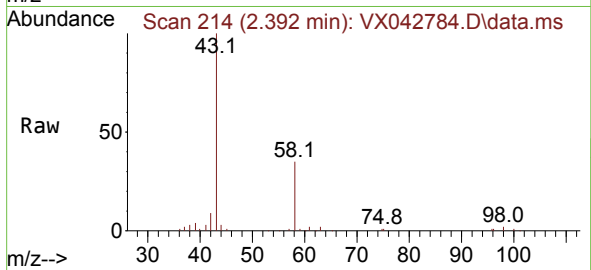
ClientSampleId :

Tgt Ion: 43 Resp: 60540

Ion Ratio Lower Upper

43 100

58 31.3 0.0 62.4



#14

Carbon disulfide

Concen: 41.348 ug/L

RT: 2.502 min Scan# 232

Delta R.T. -0.006 min

Lab File: VX042784.D

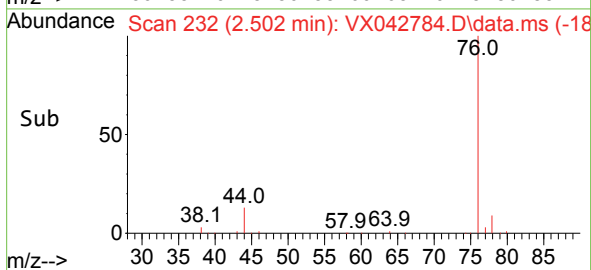
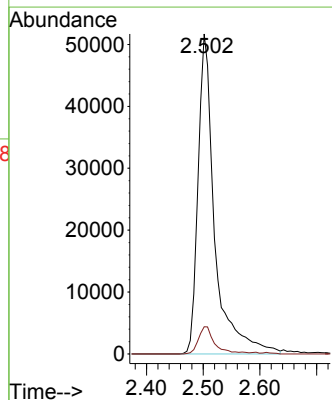
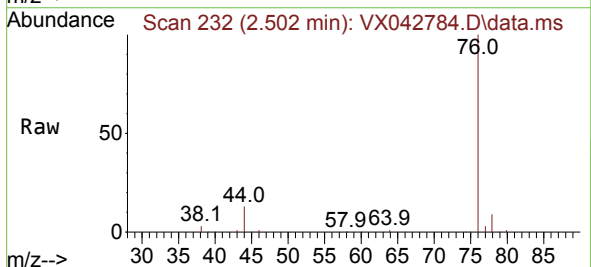
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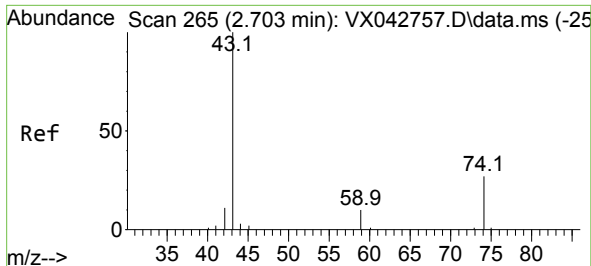
Tgt Ion: 76 Resp: 105677

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.6

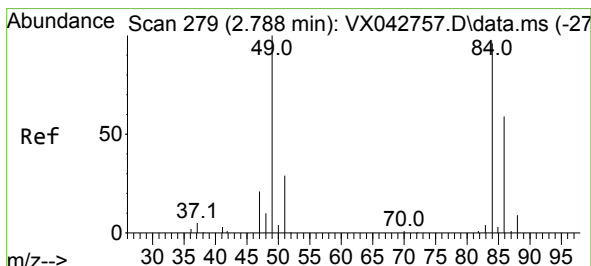
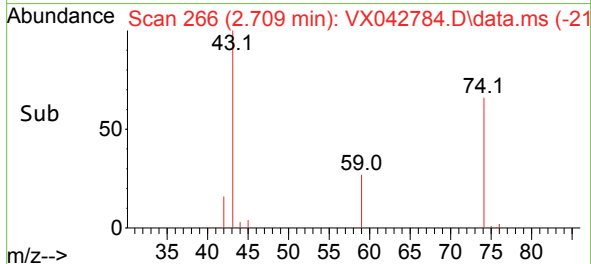
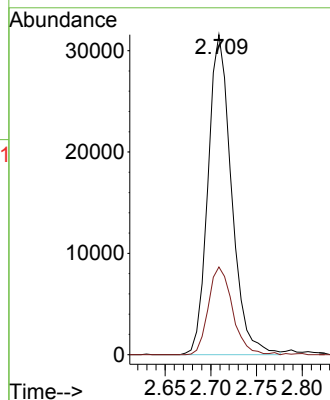
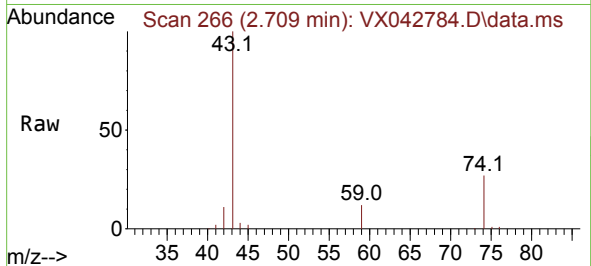




#15
Methyl Acetate
Concen: 44.652 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

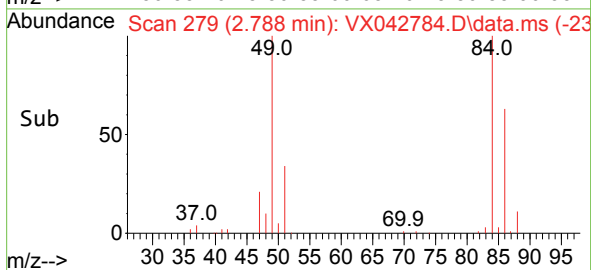
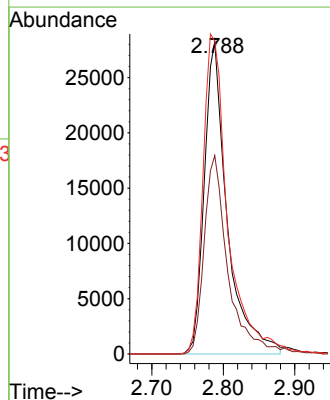
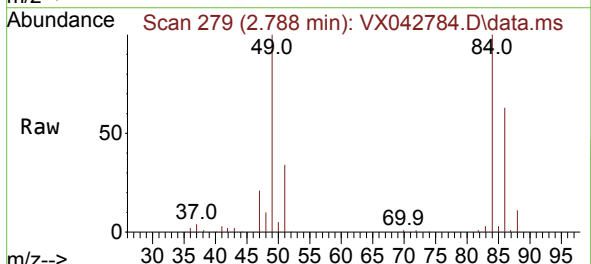
Instrument :
MSVOA_X
ClientSampleId :

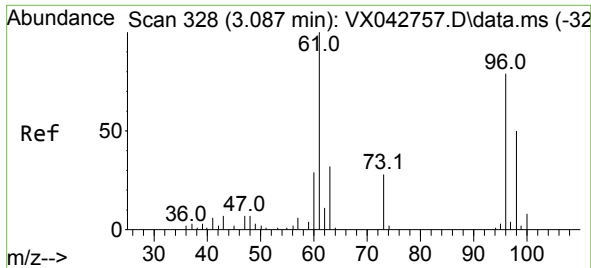
Tgt Ion: 43 Resp: 56408
Ion Ratio Lower Upper
43 100
74 27.8 21.0 31.4



#16
Methylene chloride
Concen: 52.140 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

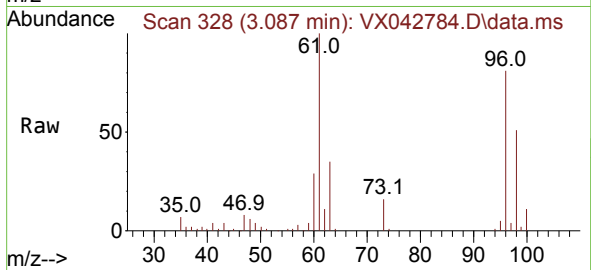
Tgt Ion: 84 Resp: 63029
Ion Ratio Lower Upper
84 100
86 63.5 43.5 80.7
49 100.0 81.1 150.7





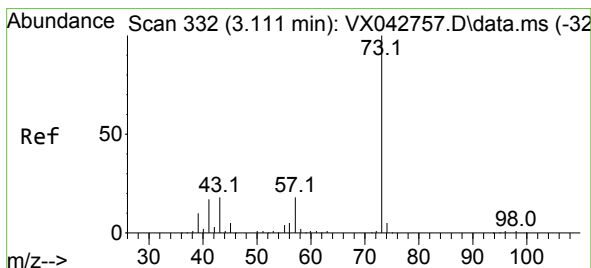
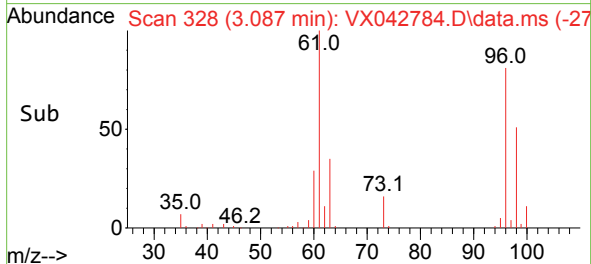
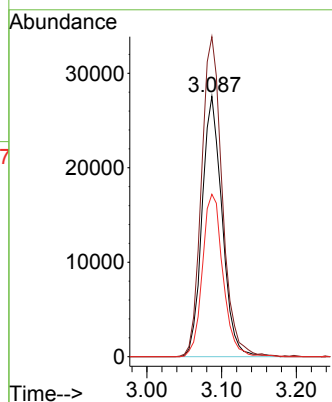
#17
trans-1,2-Dichloroethene
Concen: 47.820 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 51369

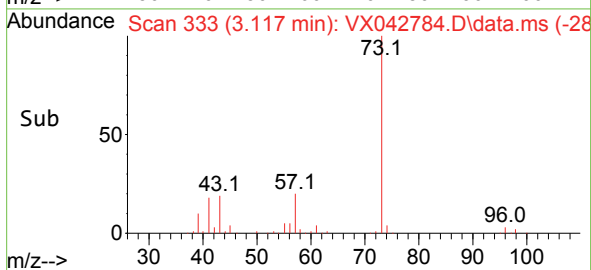
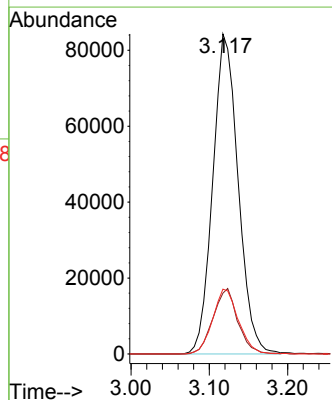
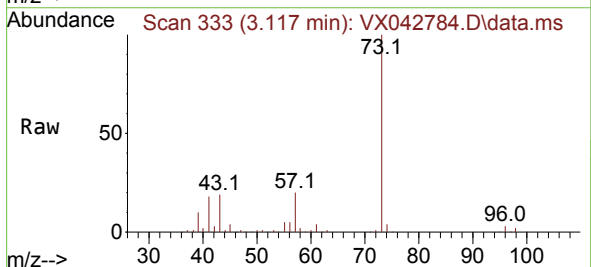
Ion	Ratio	Lower	Upper
96	100		
61	122.9	99.3	184.3
98	62.4	43.8	81.3

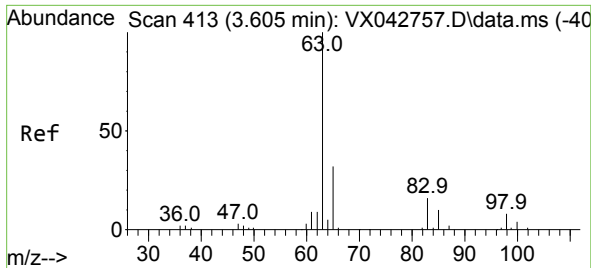


#18
Methyl tert-butyl Ether
Concen: 50.995 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

Tgt Ion: 73 Resp: 189872

Ion	Ratio	Lower	Upper
73	100		
43	19.9	15.4	23.2
57	20.4	16.9	25.3

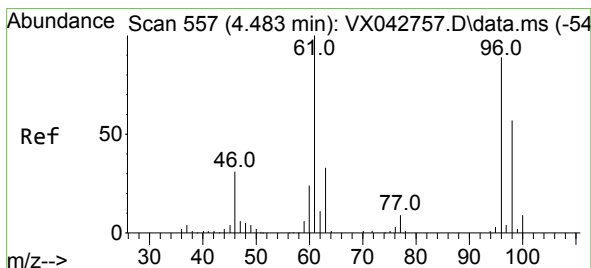
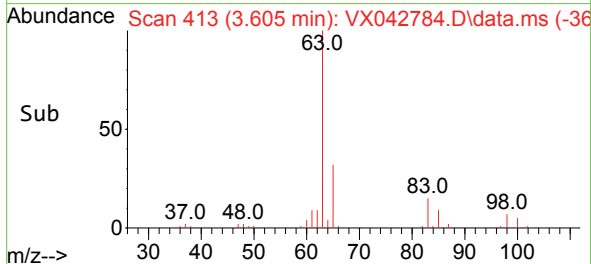
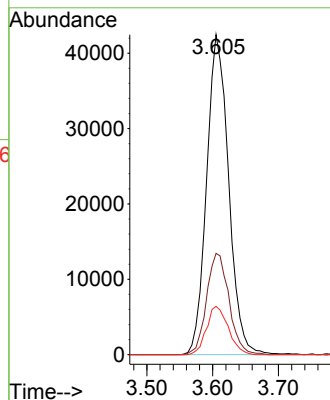
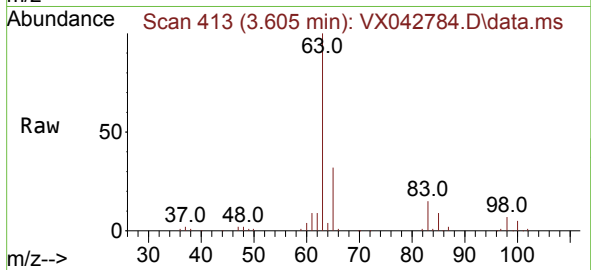




#19
 1,1-Dichloroethane
 Concen: 48.223 ug/L
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX042784.D
 Acq: 31 Jul 2024 19:31

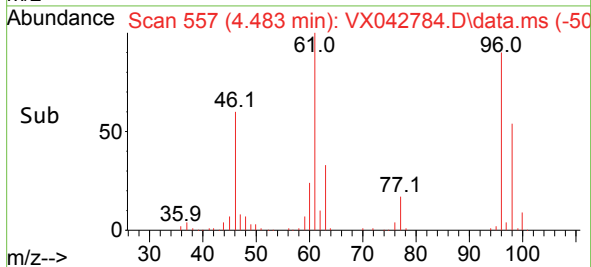
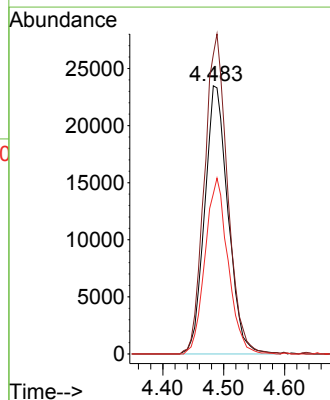
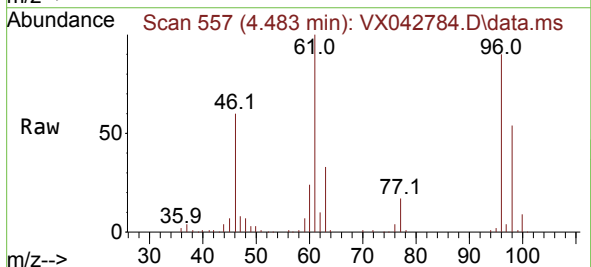
Instrument :
 MSVOA_X
 ClientSampleId :

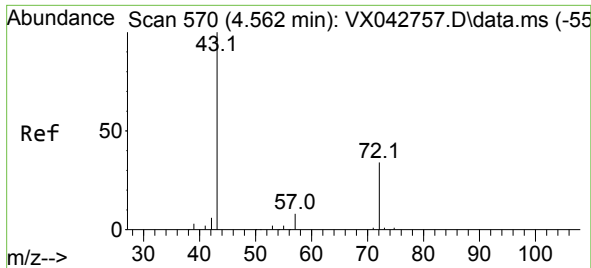
Tgt Ion: 63 Resp: 98904
 Ion Ratio Lower Upper
 63 100
 65 31.7 23.6 43.8
 83 15.1 10.9 20.3



#20
 cis-1,2-Dichloroethene
 Concen: 50.938 ug/L
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX042784.D
 Acq: 31 Jul 2024 19:31

Tgt Ion: 96 Resp: 62499
 Ion Ratio Lower Upper
 96 100
 61 111.7 85.3 158.3
 98 59.8 42.7 79.3

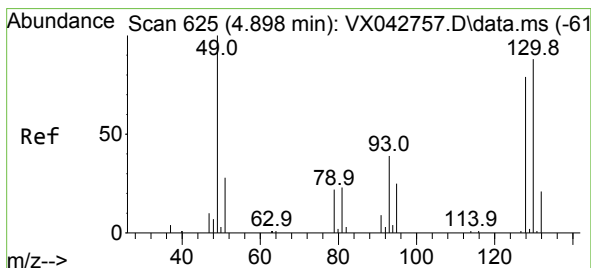
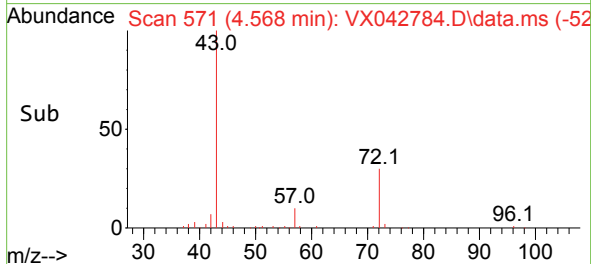
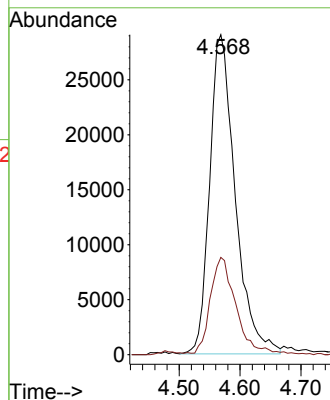
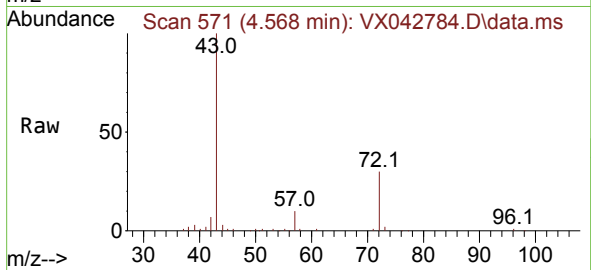




#22
2-Butanone
Concen: 97.663 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

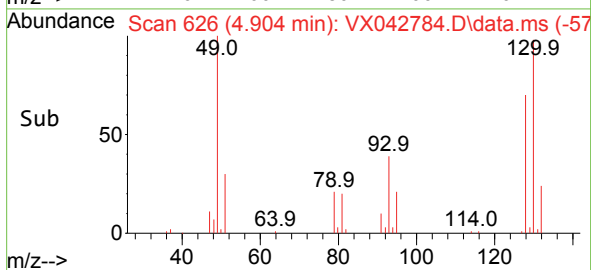
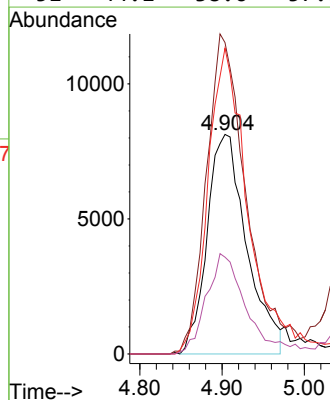
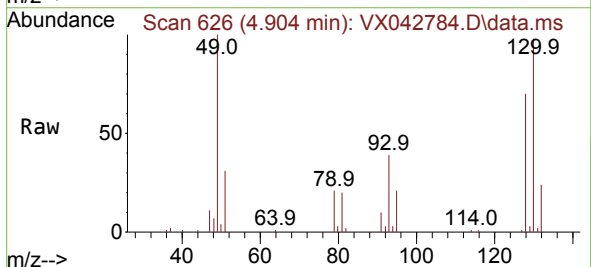
Instrument :
MSVOA_X
ClientSampleId :

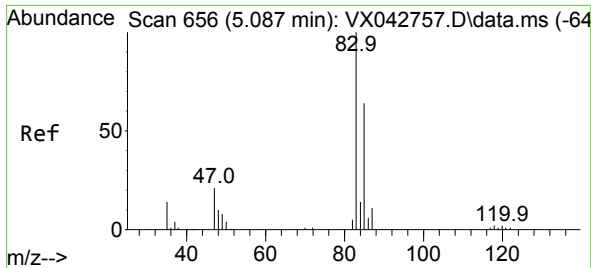
Tgt Ion: 43 Resp: 84768
Ion Ratio Lower Upper
43 100
72 28.5 13.4 40.2



#23
Bromochloromethane
Concen: 46.804 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

Tgt Ion:128 Resp: 27194
Ion Ratio Lower Upper
128 100
49 141.9 107.0 198.6
130 139.4 85.5 158.9
51 44.1 38.6 57.8





#25

Chloroform

Concen: 51.594 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Instrument :

MSVOA_X

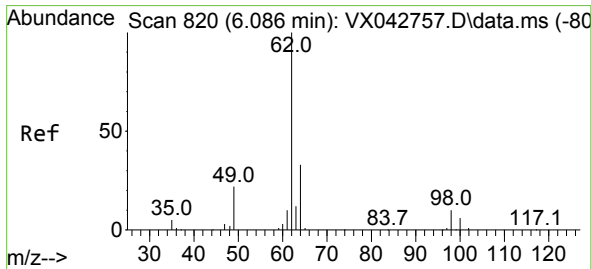
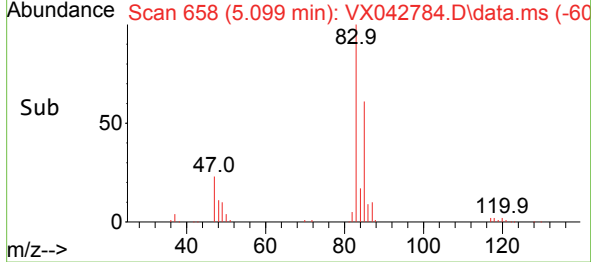
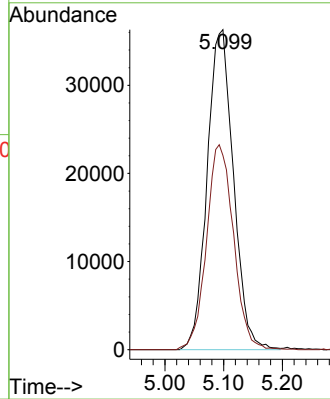
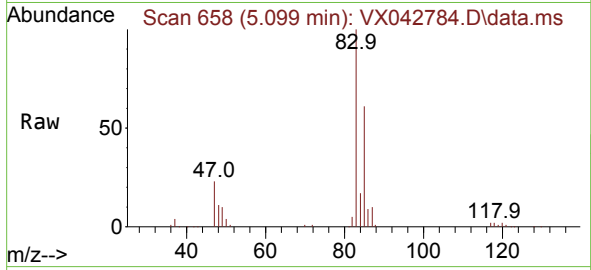
ClientSampleId :

Tgt Ion: 83 Resp: 112830

Ion Ratio Lower Upper

83 100

85 60.7 44.3 82.3



#27

1,2-Dichloroethane

Concen: 50.788 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX042784.D

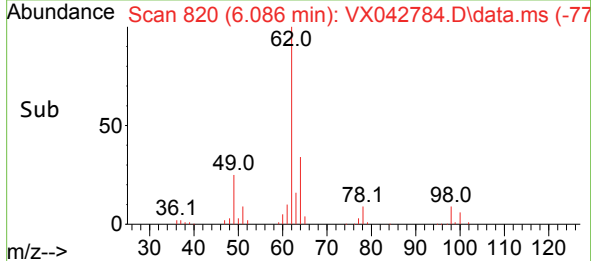
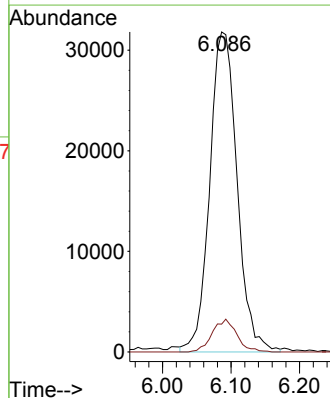
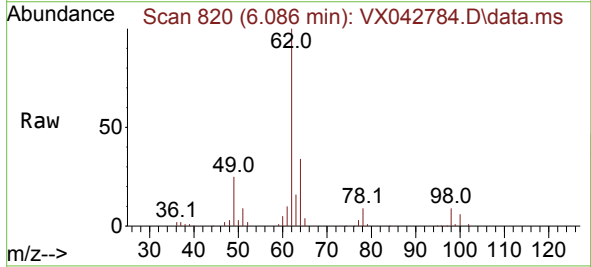
Acq: 31 Jul 2024 19:31

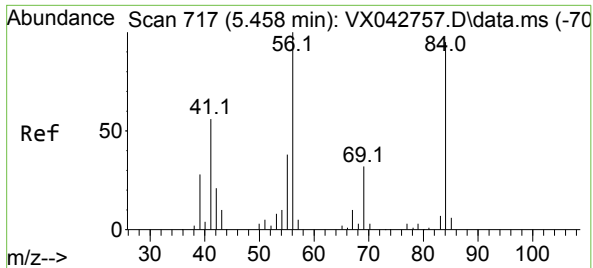
Tgt Ion: 62 Resp: 88211

Ion Ratio Lower Upper

62 100

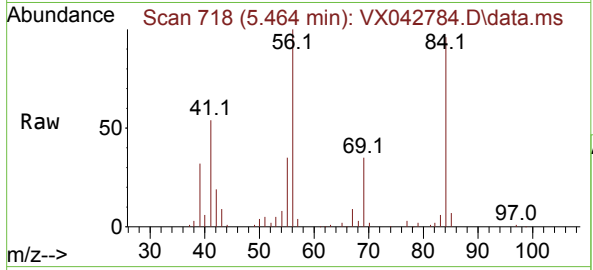
98 8.7 7.1 10.7



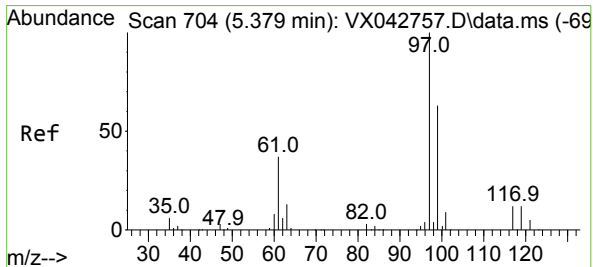
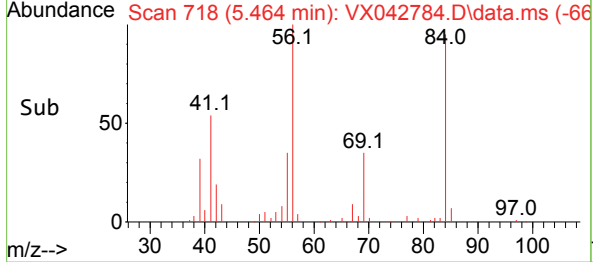
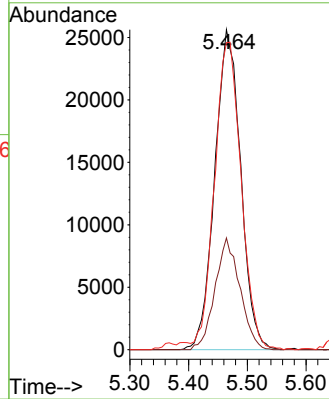


#29
Cyclohexane
Concen: 45.639 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :

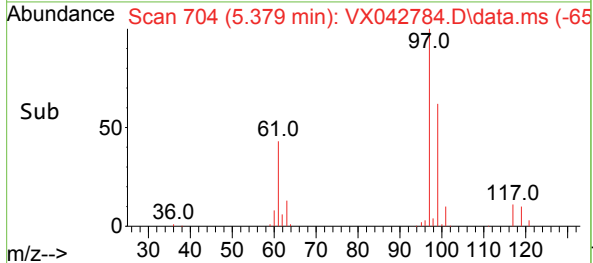
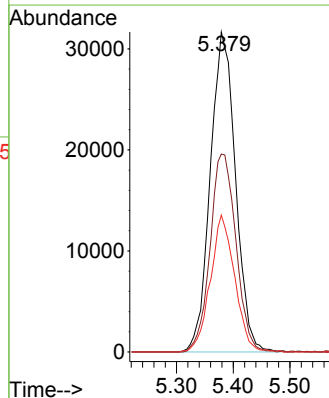
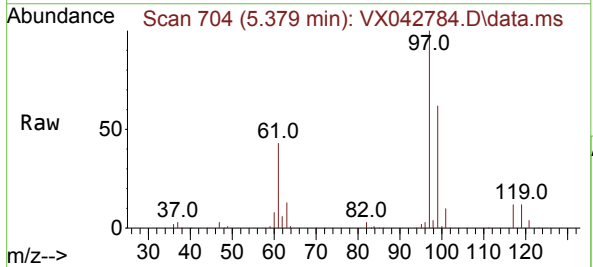


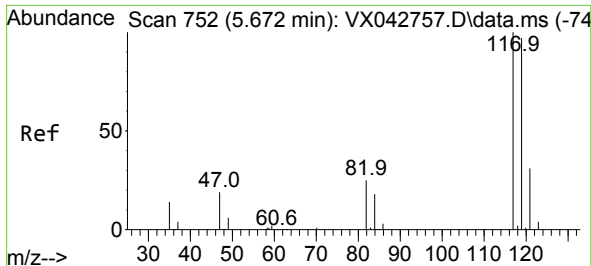
Tgt Ion: 56 Resp: 78645
Ion Ratio Lower Upper
56 100
69 33.5 26.1 39.1
84 98.8 75.5 113.3



#30
1,1,1-Trichloroethane
Concen: 52.593 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

Tgt Ion: 97 Resp: 97922
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.0
61 41.1 34.4 51.6

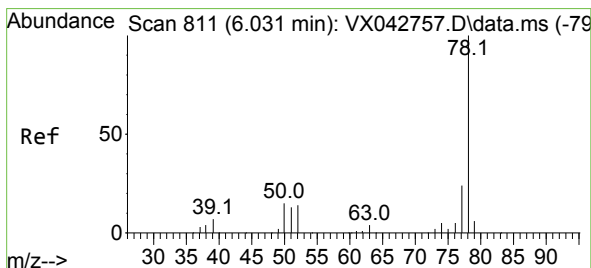
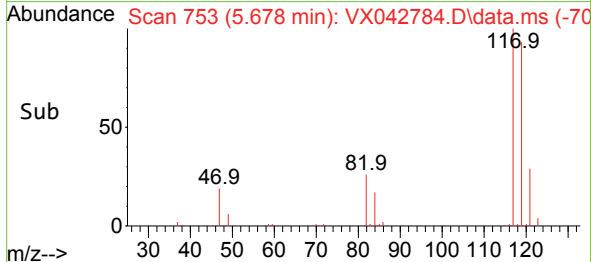
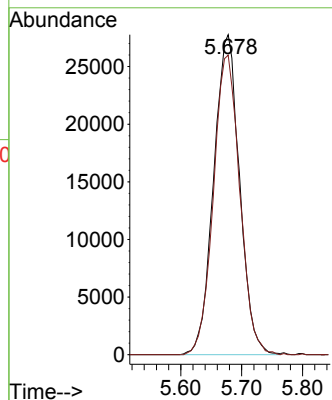
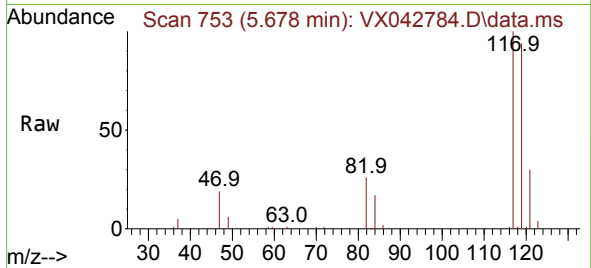




#31
Carbon tetrachloride
Concen: 52.124 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

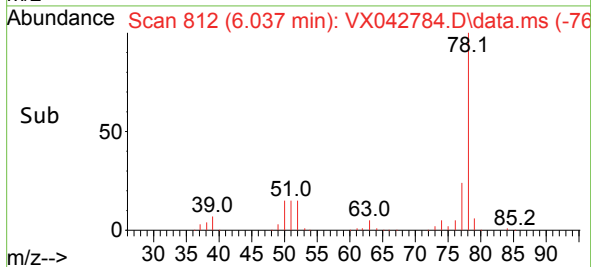
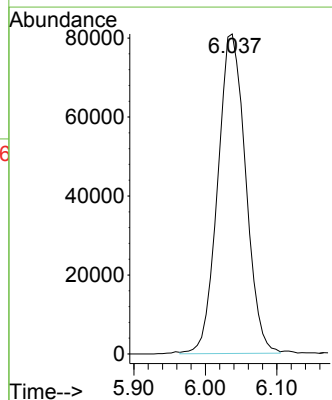
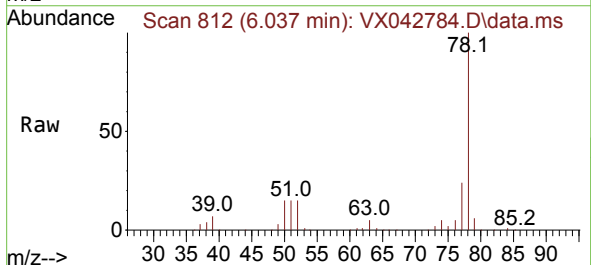
Instrument :
MSVOA_X
ClientSampleId :

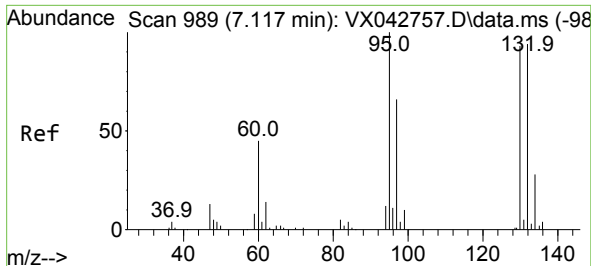
Tgt Ion:117 Resp: 81973
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.2



#33
Benzene
Concen: 49.162 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

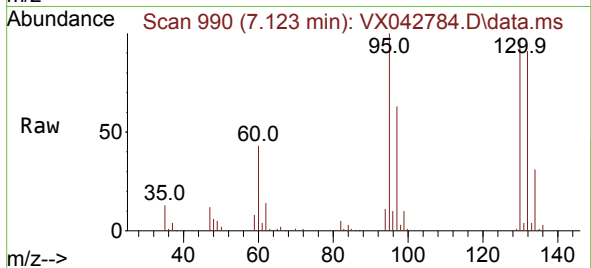
Tgt Ion: 78 Resp: 219302



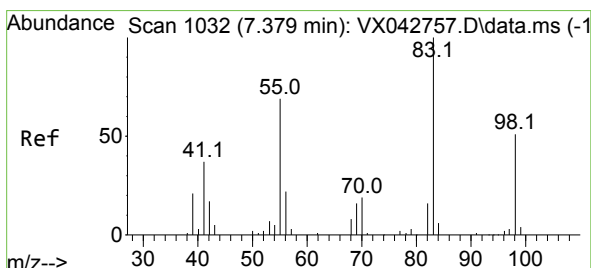
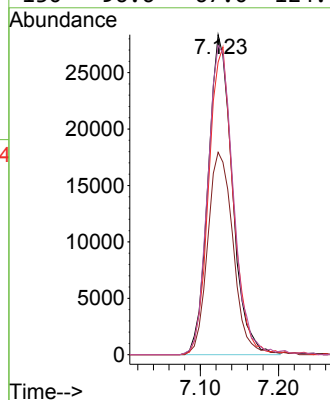
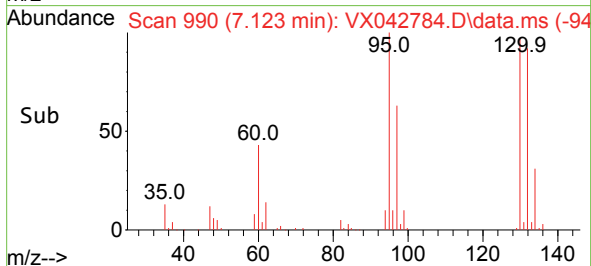


#34
Trichloroethene
Concen: 51.085 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

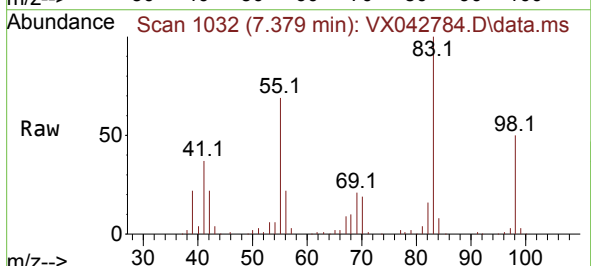
Instrument :
MSVOA_X
ClientSampleId :



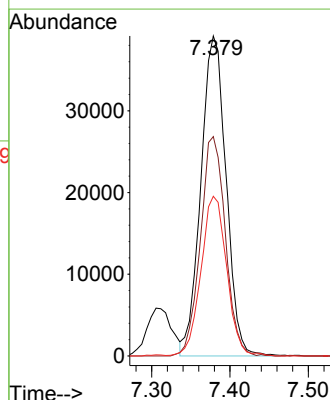
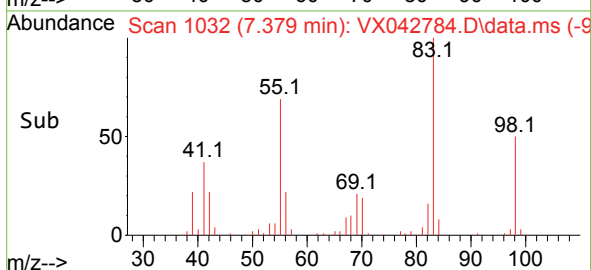
Tgt Ion: 95 Resp: 60882
Ion Ratio Lower Upper
95 100
97 63.3 46.3 86.1
132 91.4 64.3 119.5
130 96.6 67.0 124.4

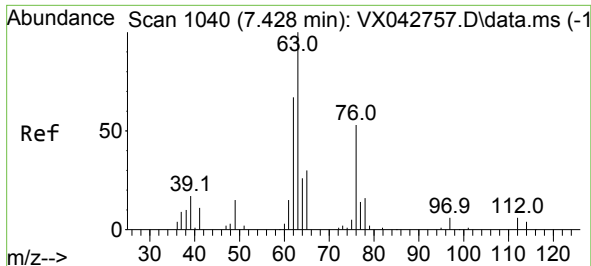


#35
Methylcyclohexane
Concen: 48.622 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31



Tgt Ion: 83 Resp: 87704
Ion Ratio Lower Upper
83 100
55 67.5 58.2 87.2
98 50.1 38.5 57.7





#37

1,2-Dichloropropane

Concen: 47.673 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Instrument :

MSVOA_X

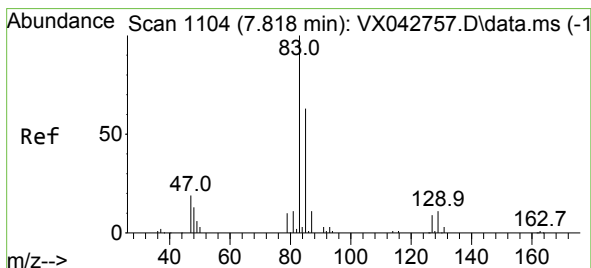
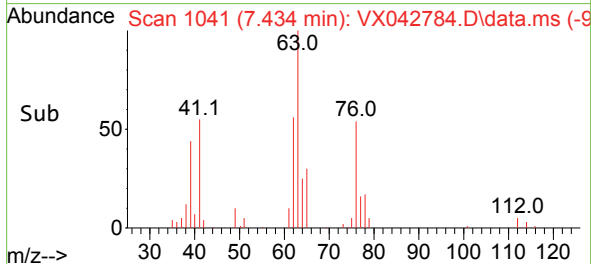
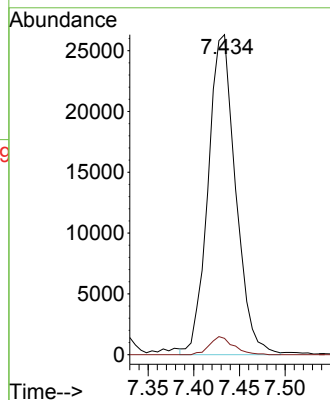
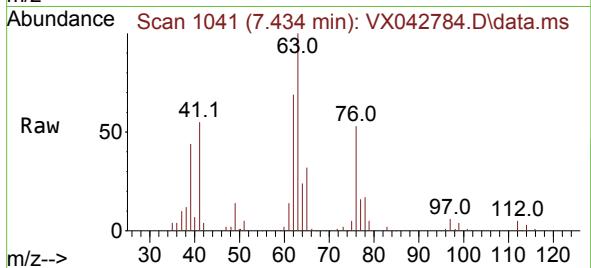
ClientSampleId :

Tgt Ion: 63 Resp: 55269

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 50.076 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

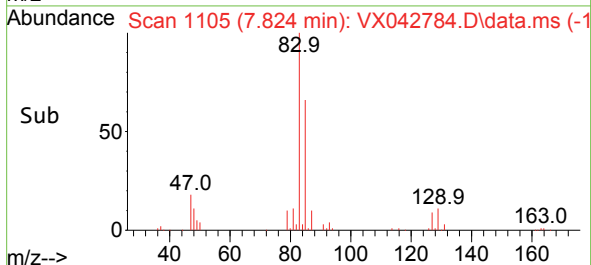
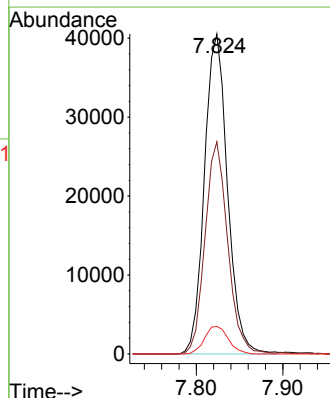
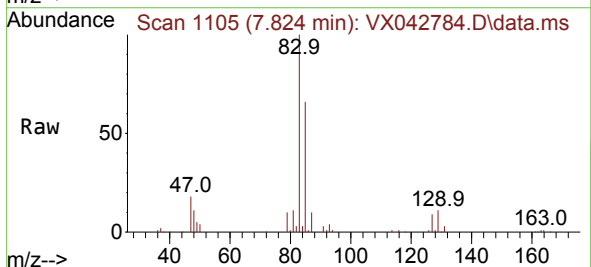
Tgt Ion: 83 Resp: 75034

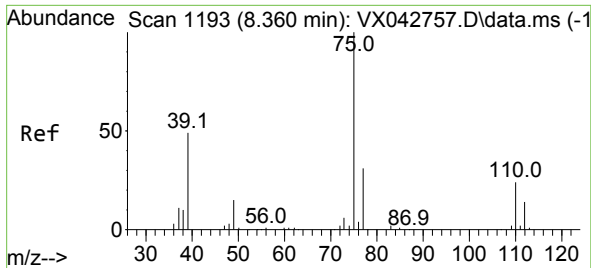
Ion Ratio Lower Upper

83 100

85 66.3 43.7 81.1

127 8.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 47.414 ug/L

RT: 8.366 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Instrument :

MSVOA_X

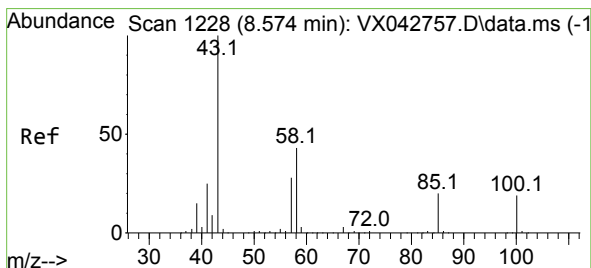
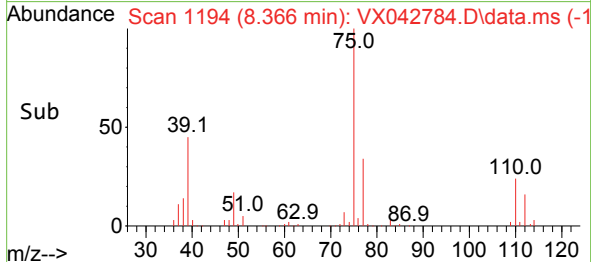
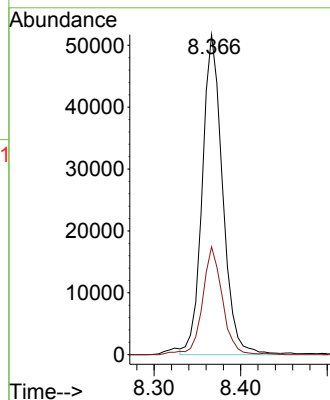
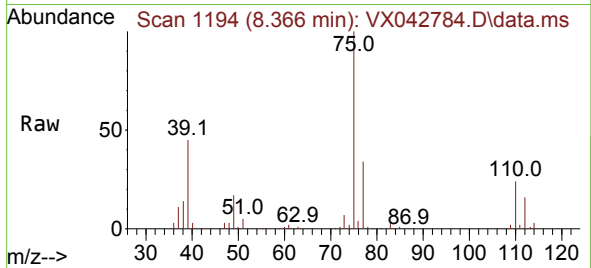
ClientSampleId :

Tgt Ion: 75 Resp: 84376

Ion Ratio Lower Upper

75 100

77 33.7 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 96.925 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

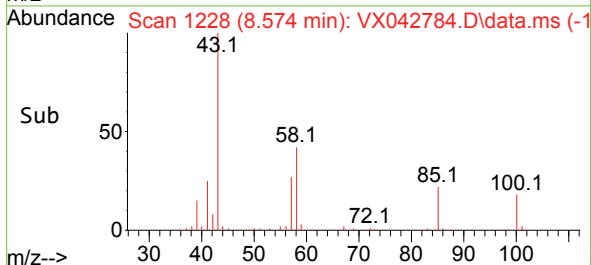
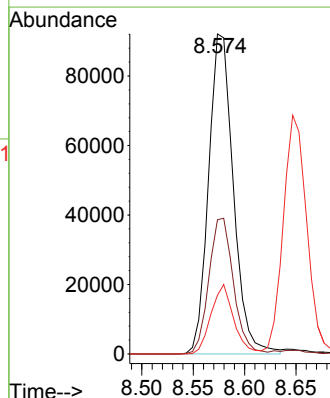
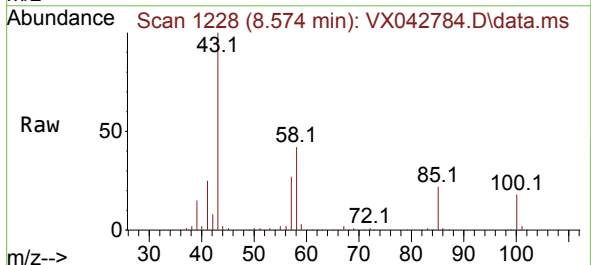
Tgt Ion: 43 Resp: 154601

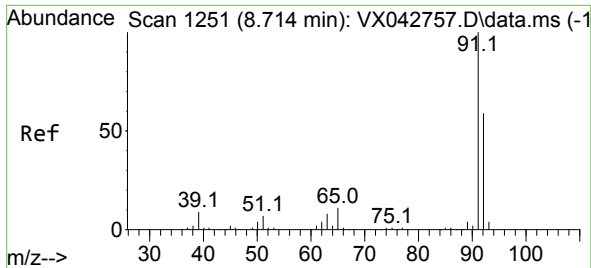
Ion Ratio Lower Upper

43 100

58 42.0 32.4 48.6

100 19.9 13.4 20.0





#42

Toluene

Concen: 50.264 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Instrument :

MSVOA_X

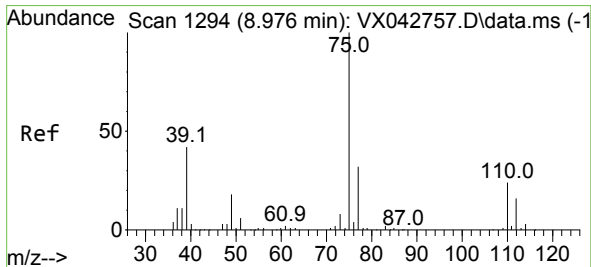
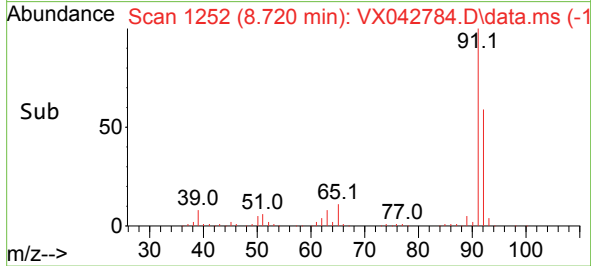
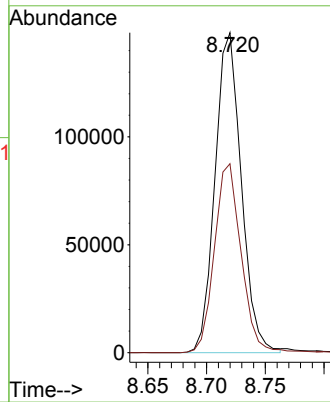
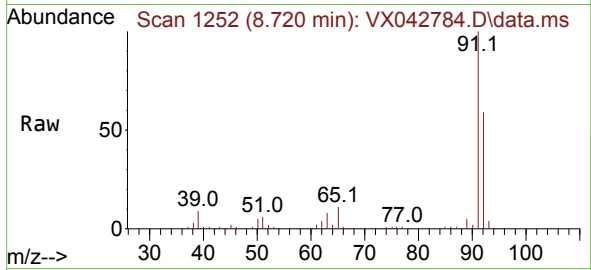
ClientSampleId :

Tgt Ion: 91 Resp: 230936

Ion Ratio Lower Upper

91 100

92 59.1 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 47.923 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042784.D

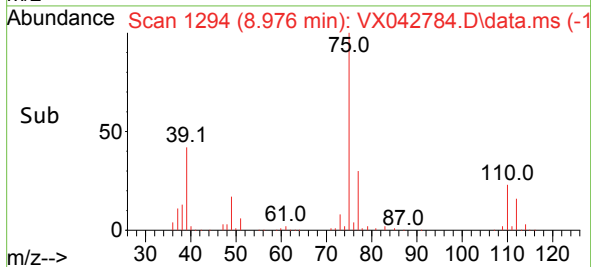
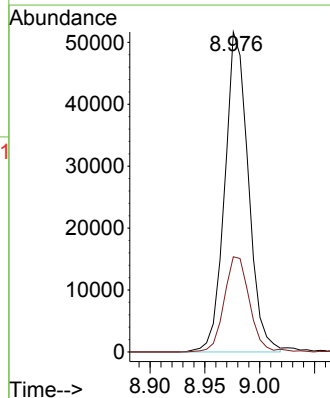
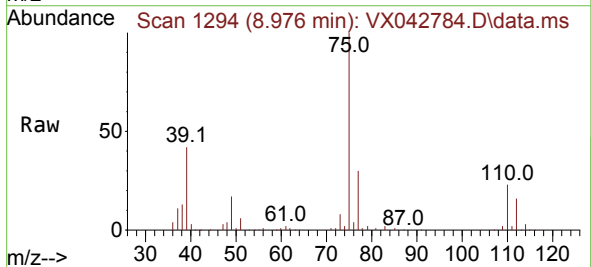
Acq: 31 Jul 2024 19:31

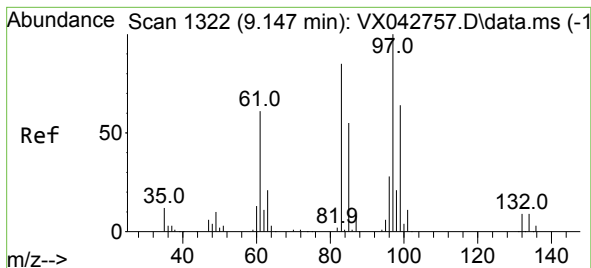
Tgt Ion: 75 Resp: 77306

Ion Ratio Lower Upper

75 100

77 29.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 51.321 ug/L

RT: 9.153 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 60093

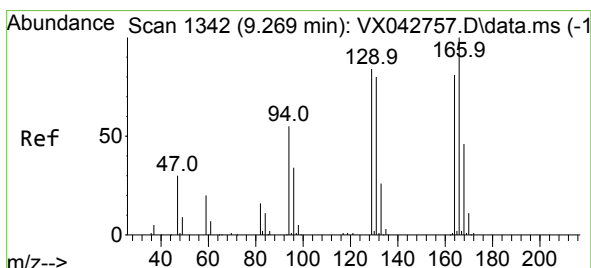
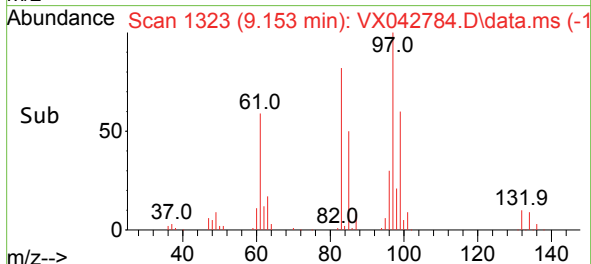
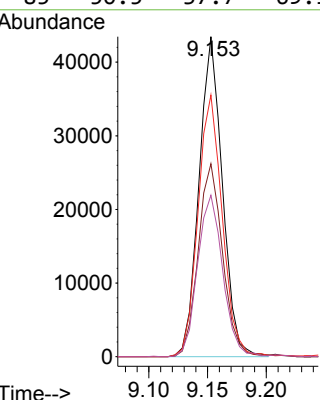
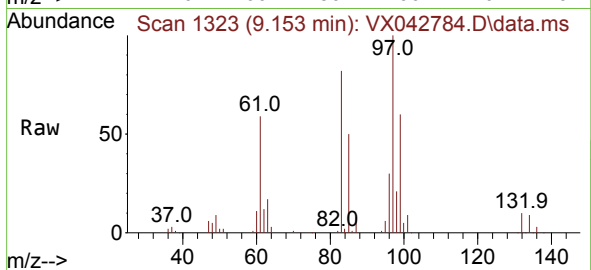
Ion Ratio Lower Upper

97 100

99 60.3 42.6 79.2

83 81.7 59.3 110.1

85 50.5 37.7 69.9



#46

Tetrachloroethene

Concen: 52.941 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Tgt Ion:164 Resp: 43029

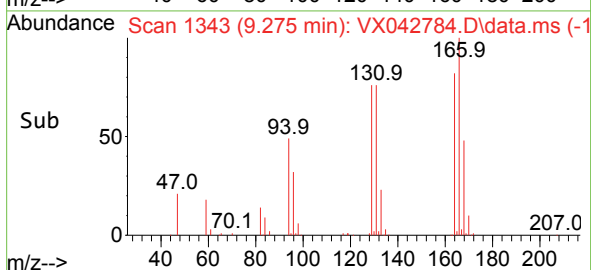
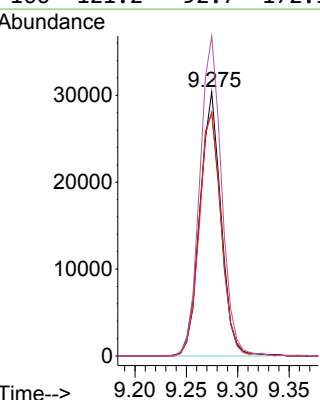
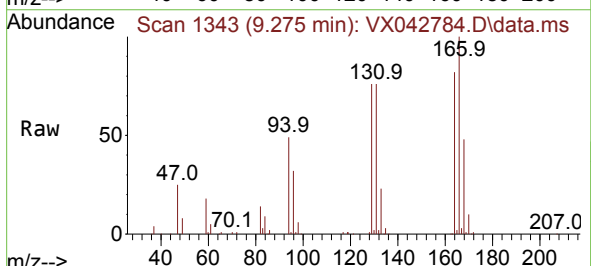
Ion Ratio Lower Upper

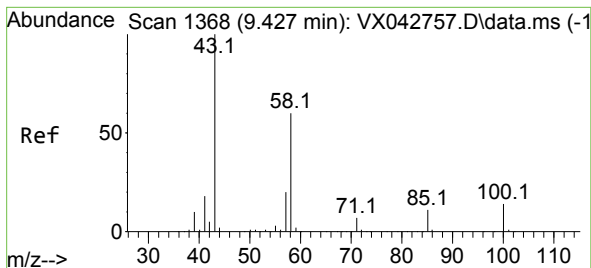
164 100

129 92.1 74.2 137.8

131 92.4 66.9 124.3

166 121.2 92.7 172.1





#48

2-Hexanone

Concen: 98.637 ug/L

RT: 9.433 min Scan# 1

Delta R.T. 0.006 min

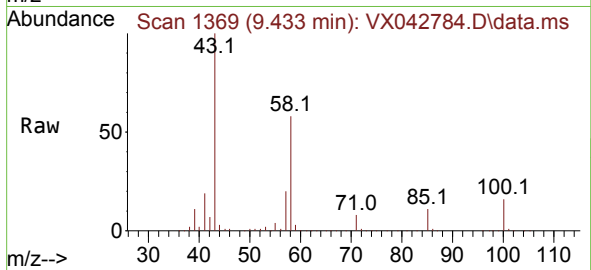
Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 122361

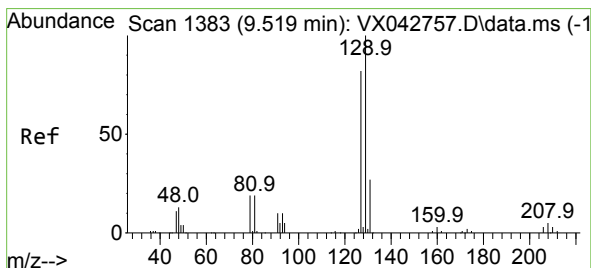
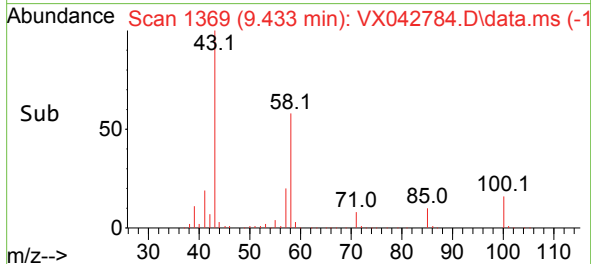
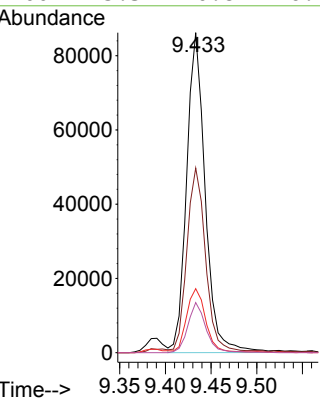
Ion Ratio Lower Upper

43 100

58 56.9 44.9 67.3

57 20.6 15.8 23.6

100 15.3 10.8 16.2



#49

Dibromochloromethane

Concen: 52.396 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX042784.D

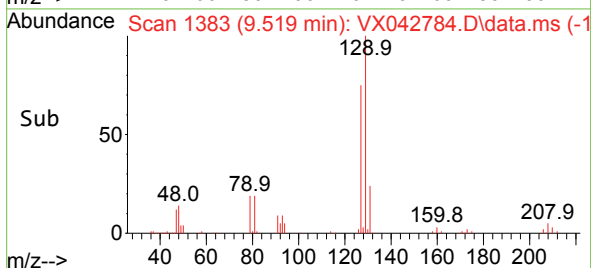
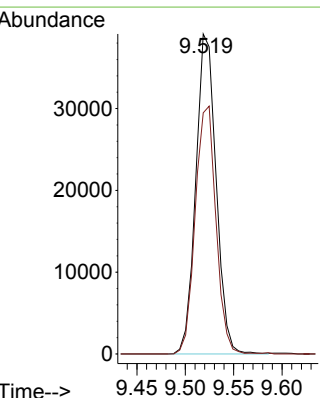
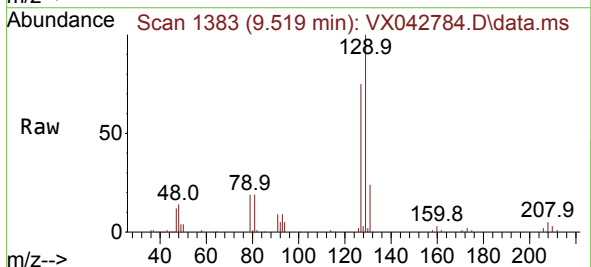
Acq: 31 Jul 2024 19:31

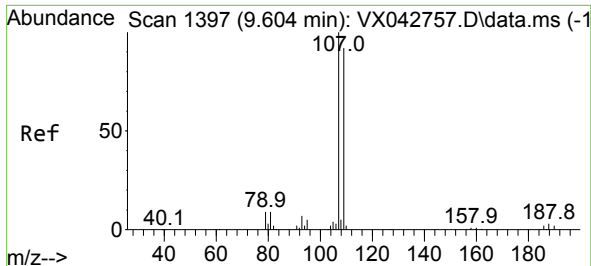
Tgt Ion: 129 Resp: 57290

Ion Ratio Lower Upper

129 100

127 75.4 57.4 106.6

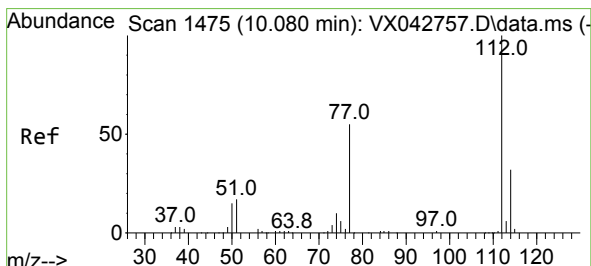
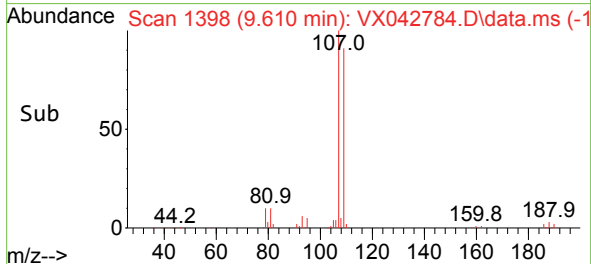
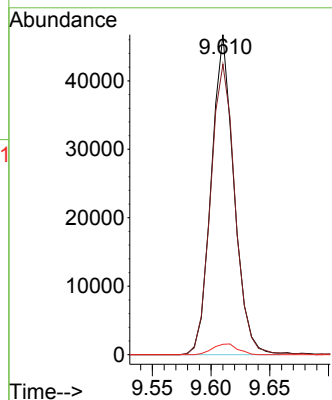
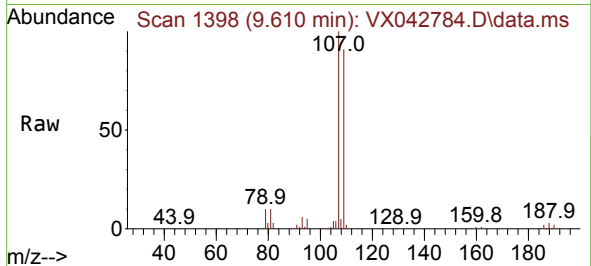




#50
1,2-Dibromoethane
Concen: 51.744 ug/L
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

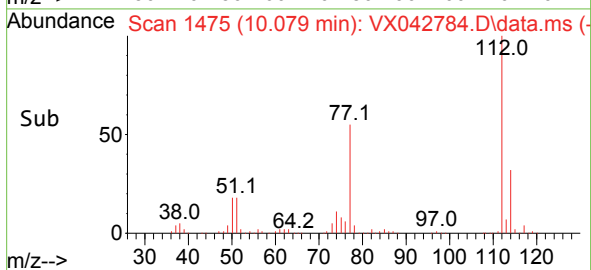
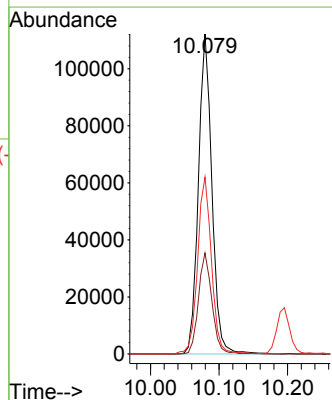
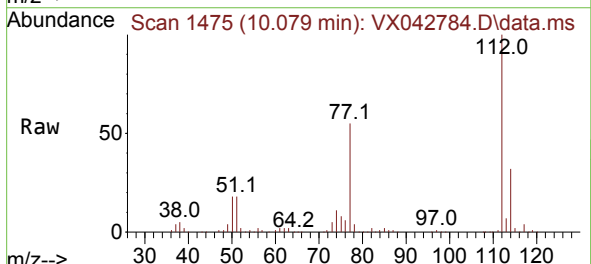
Instrument :
MSVOA_X
ClientSampleId :

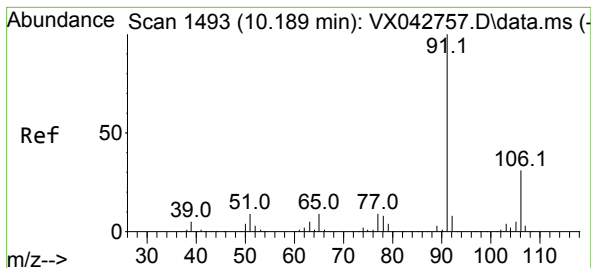
Tgt Ion:107 Resp: 63015
Ion Ratio Lower Upper
107 100
109 90.8 65.4 121.4
188 3.2 2.2 3.2#



#51
Chlorobenzene
Concen: 51.867 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

Tgt Ion:112 Resp: 154103
Ion Ratio Lower Upper
112 100
114 31.5 23.2 43.2
77 55.2 46.3 69.5

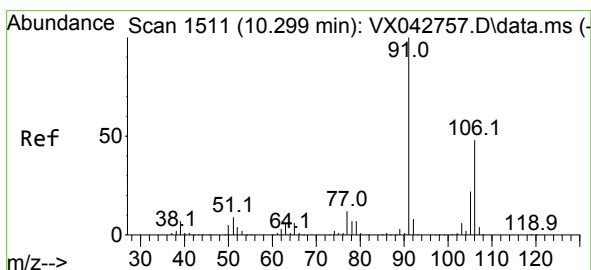
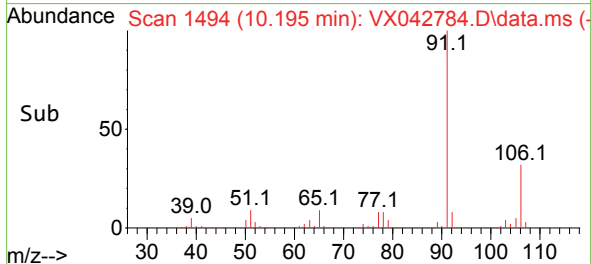
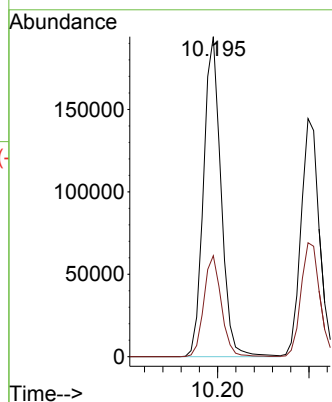
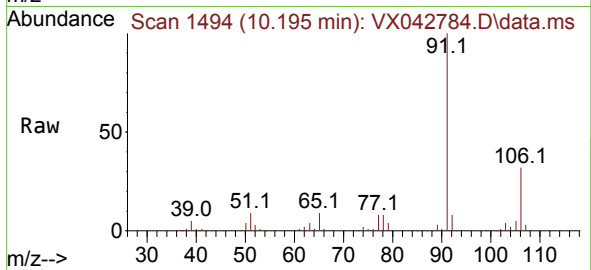




#52
Ethylbenzene
Concen: 50.999 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

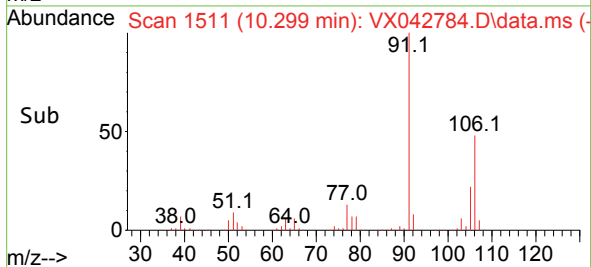
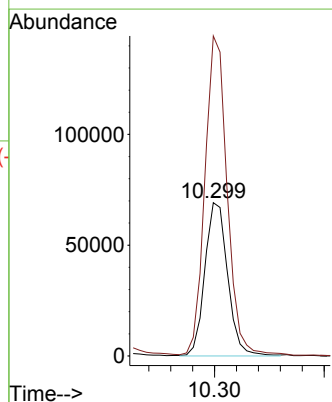
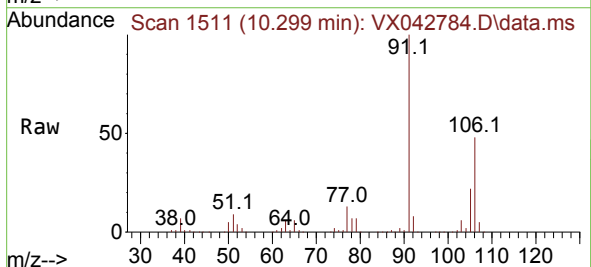
Instrument :
MSVOA_X
ClientSampleId :

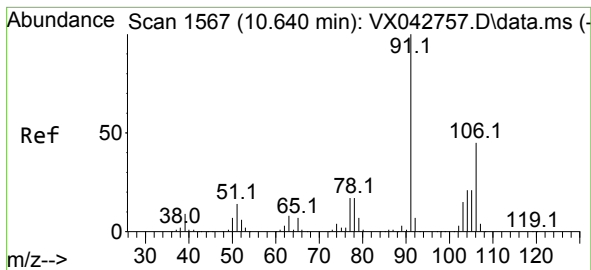
Tgt Ion: 91 Resp: 257001
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.4



#53
m,p-Xylene
Concen: 52.698 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

Tgt Ion:106 Resp: 100042
Ion Ratio Lower Upper
106 100
91 208.9 146.8 272.6





#54

o-Xylene

Concen: 52.649 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Instrument :

MSVOA_X

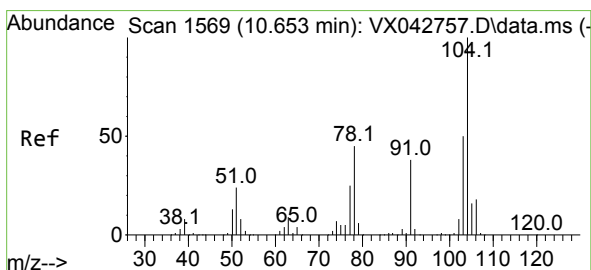
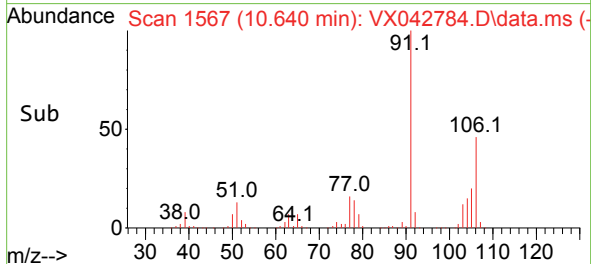
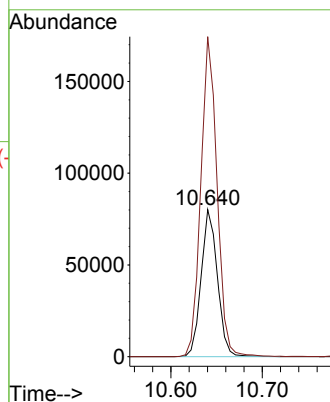
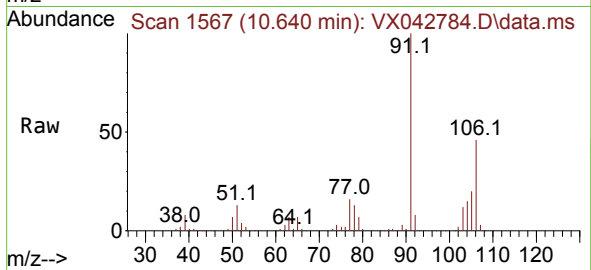
ClientSampleId :

Tgt Ion:106 Resp: 99426

Ion Ratio Lower Upper

106 100

91 217.6 154.6 287.2



#55

Styrene

Concen: 52.559 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX042784.D

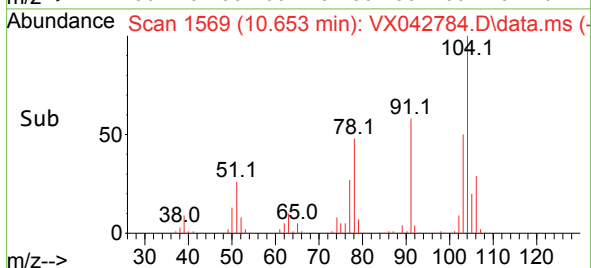
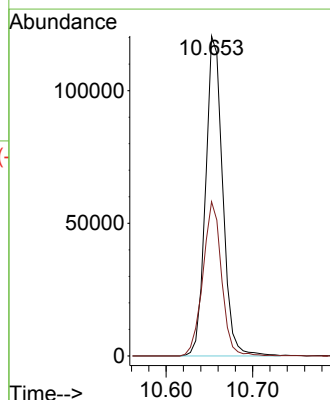
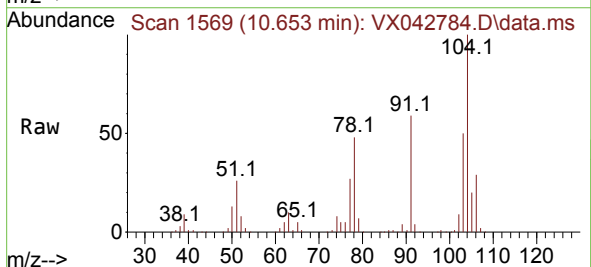
Acq: 31 Jul 2024 19:31

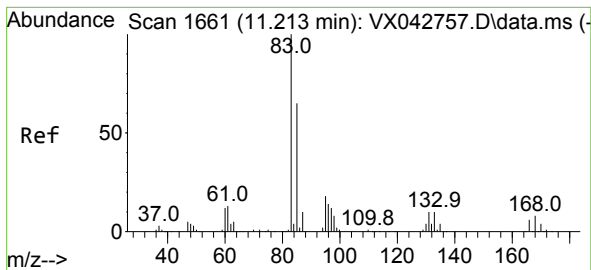
Tgt Ion:104 Resp: 165459

Ion Ratio Lower Upper

104 100

78 48.2 32.6 60.5

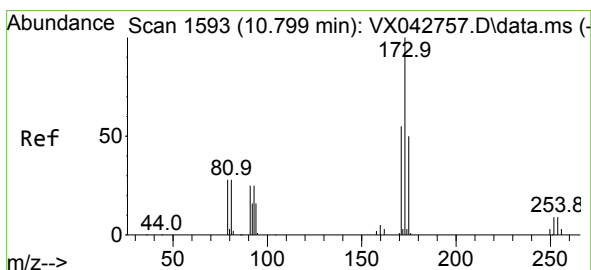
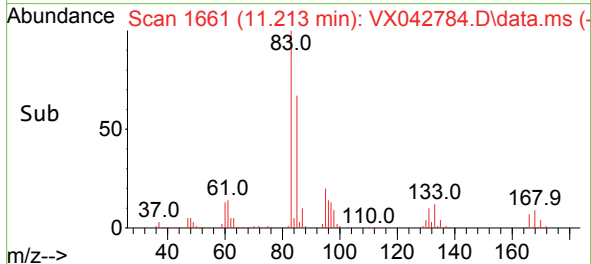
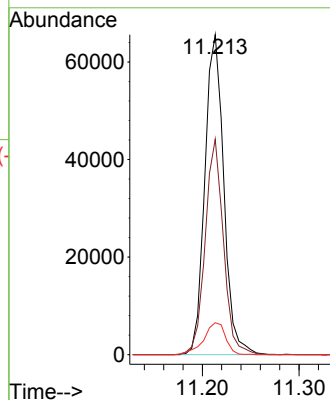
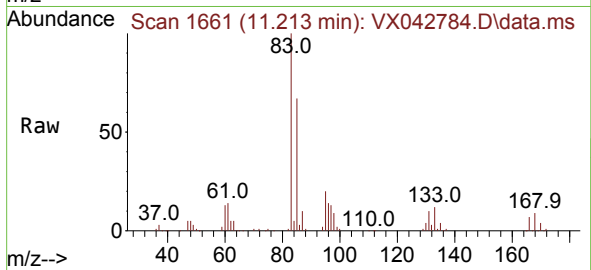




#57
1,1,2,2-Tetrachloroethane
Concen: 47.839 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

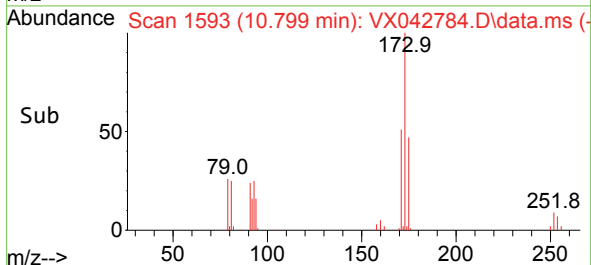
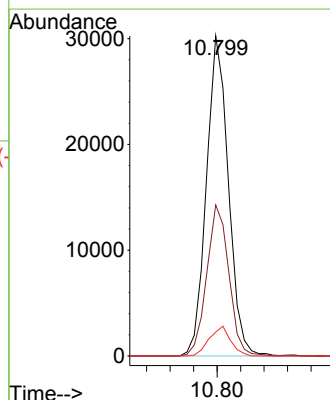
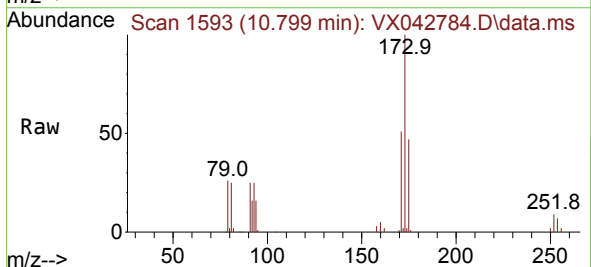
Instrument :
MSVOA_X
ClientSampleId :

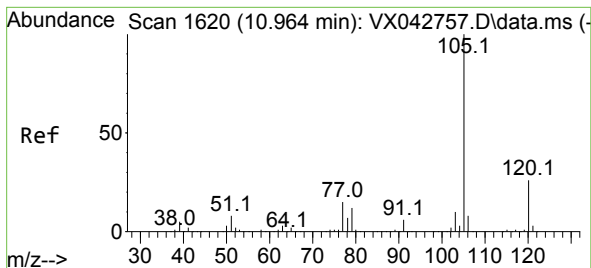
Tgt Ion:	83	Resp:	89578
Ion Ratio	Lower	Upper	
83	100		
85	67.3	46.1	85.5
131	10.0	8.6	13.0



#59
Bromoform
Concen: 53.483 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

Tgt Ion:	173	Resp:	39350
Ion Ratio	Lower	Upper	
173	100		
175	47.4	37.4	56.2
254	9.0	6.8	10.2





#60

Isopropylbenzene

Concen: 52.192 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

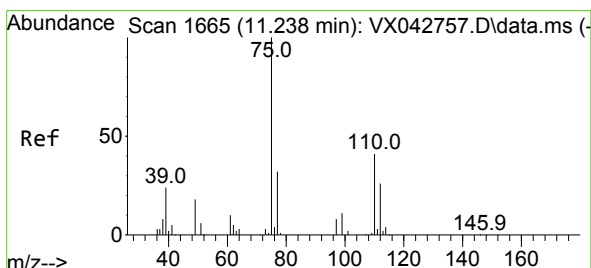
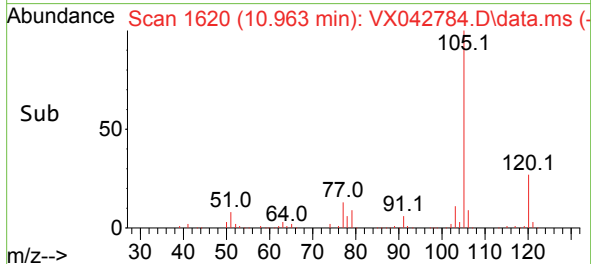
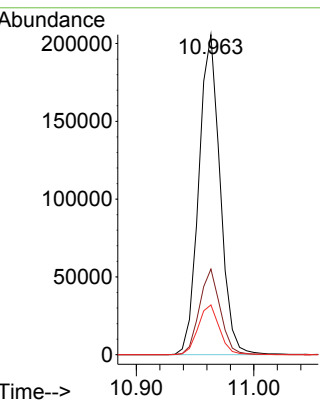
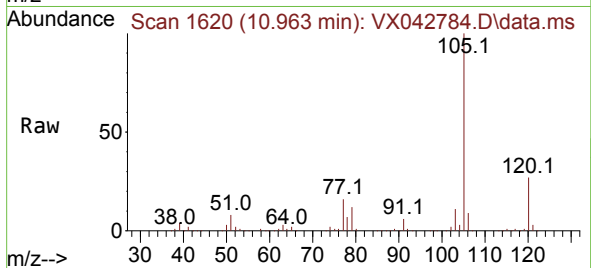
Tgt Ion:105 Resp: 258552

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

77 15.6 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 49.582 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

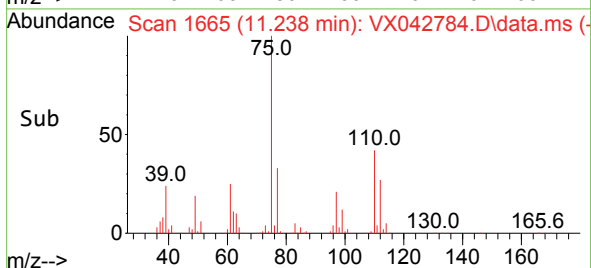
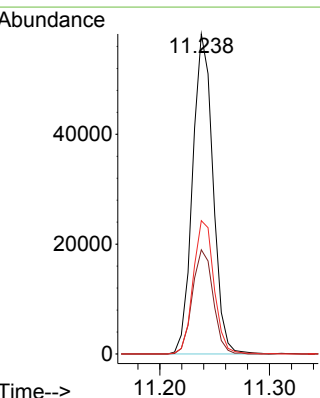
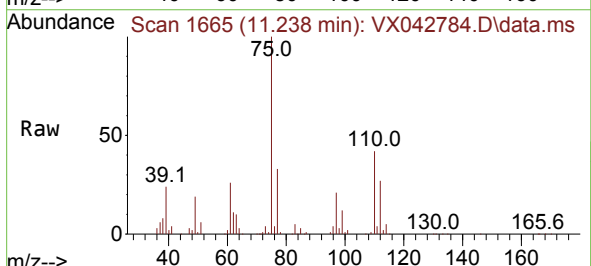
Tgt Ion: 75 Resp: 75204

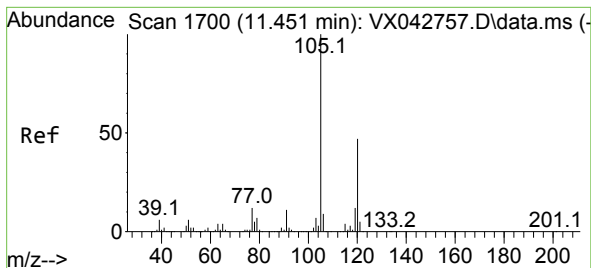
Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.4

110 42.5 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 52.119 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Instrument :

MSVOA_X

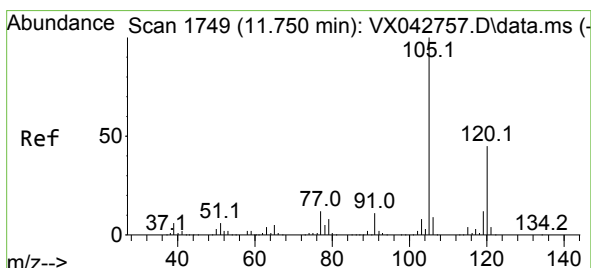
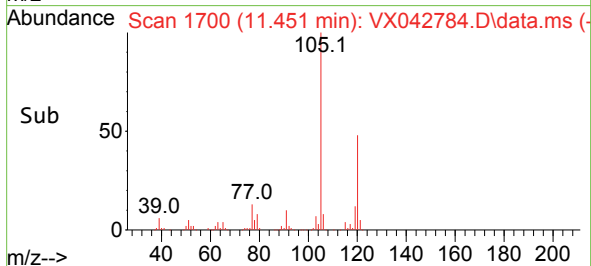
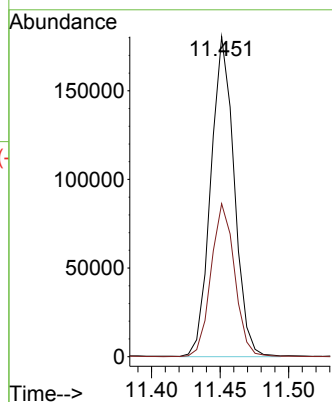
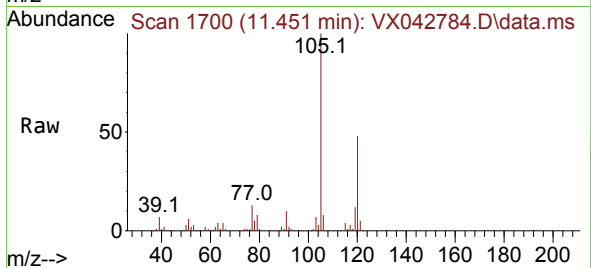
ClientSampleId :

Tgt Ion:105 Resp: 214733

Ion Ratio Lower Upper

105 100

120 48.2 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 51.969 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042784.D

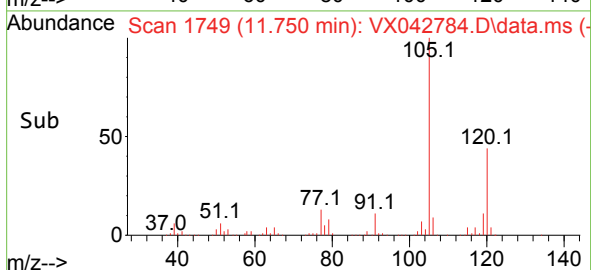
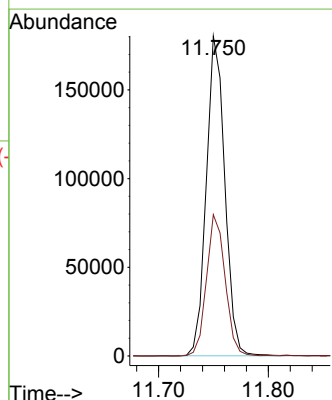
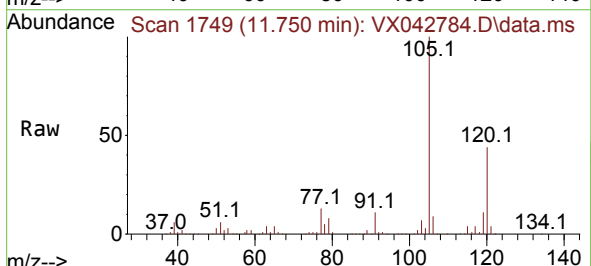
Acq: 31 Jul 2024 19:31

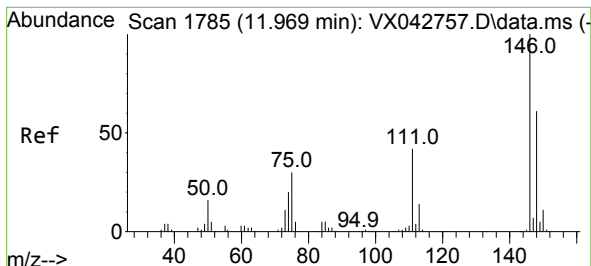
Tgt Ion:105 Resp: 211417

Ion Ratio Lower Upper

105 100

120 44.6 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 49.839 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

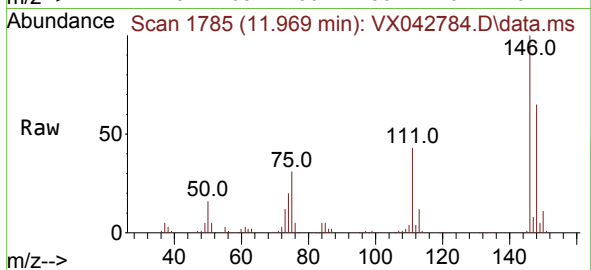
Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :



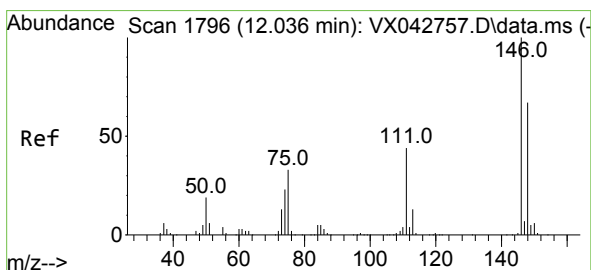
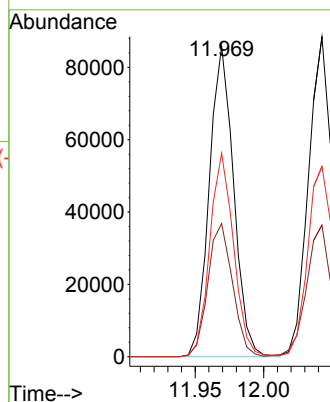
Tgt Ion:146 Resp: 106185

Ion Ratio Lower Upper

146 100

111 42.8 30.4 56.5

148 65.4 47.7 88.7



#65

1,4-Dichlorobenzene

Concen: 50.560 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

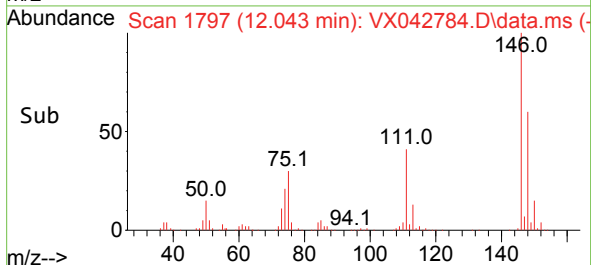
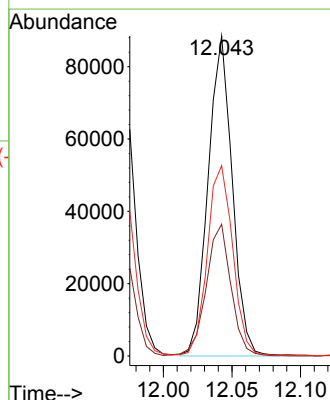
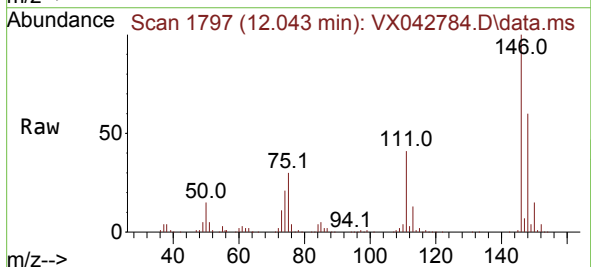
Tgt Ion:146 Resp: 108498

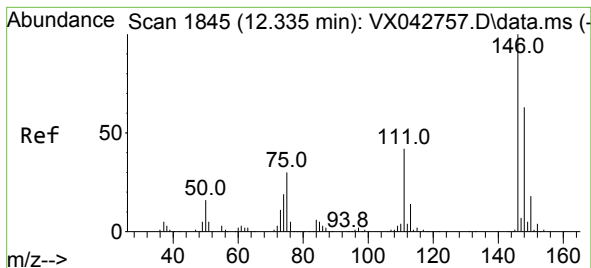
Ion Ratio Lower Upper

146 100

111 41.2 27.9 51.7

148 59.5 44.1 81.9

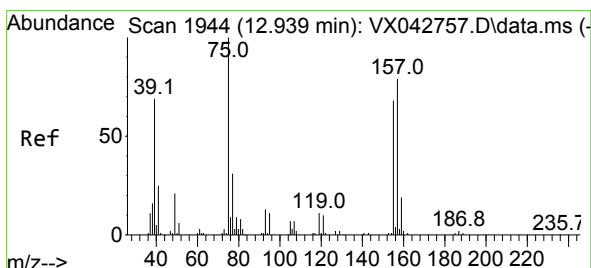
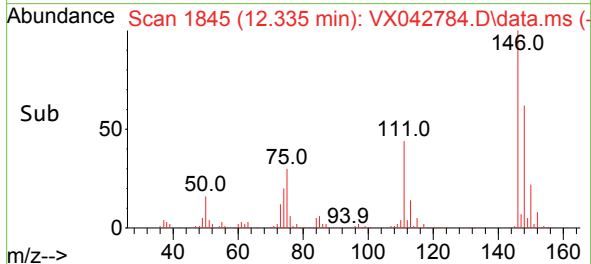
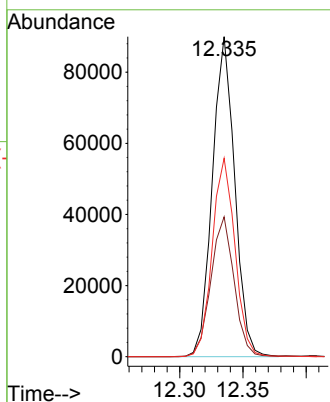
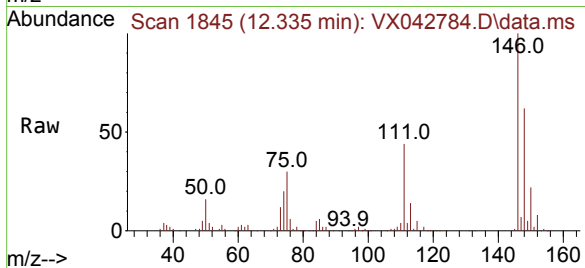




#67
1,2-Dichlorobenzene
Concen: 51.548 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

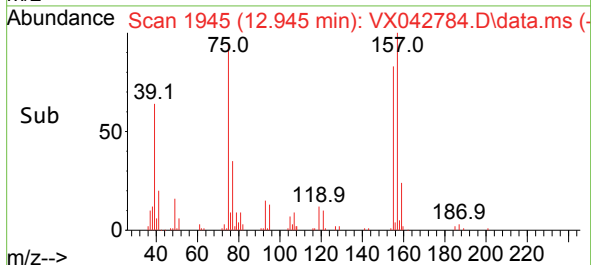
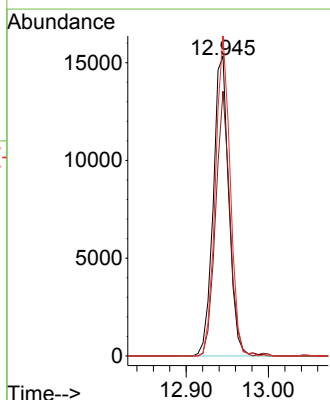
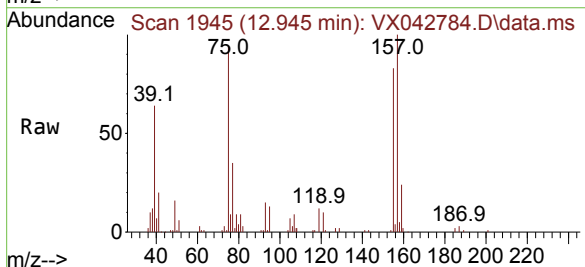
Instrument :
MSVOA_X
ClientSampleId :

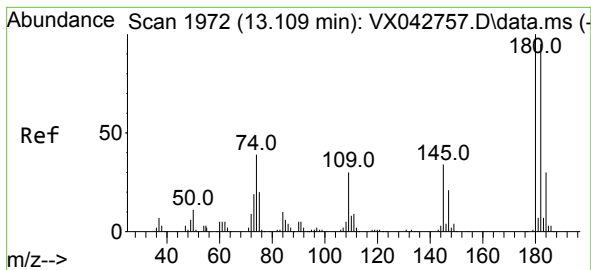
Tgt Ion:146 Resp: 110592
Ion Ratio Lower Upper
146 100
111 43.7 35.3 52.9
148 62.0 52.7 79.1



#68
1,2-Dibromo-3-chloropropane
Concen: 49.869 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

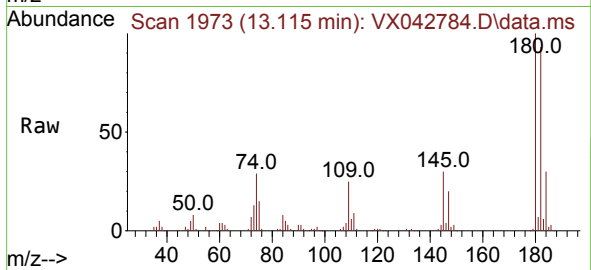
Tgt Ion: 75 Resp: 20151
Ion Ratio Lower Upper
75 100
155 88.4 65.1 97.7
157 106.8 85.8 128.6



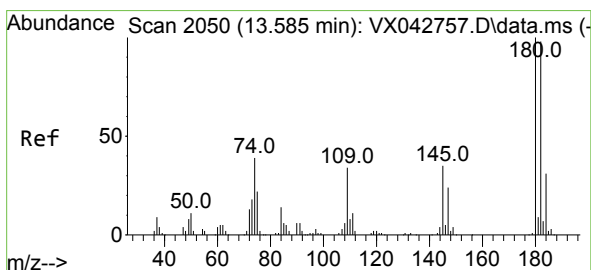
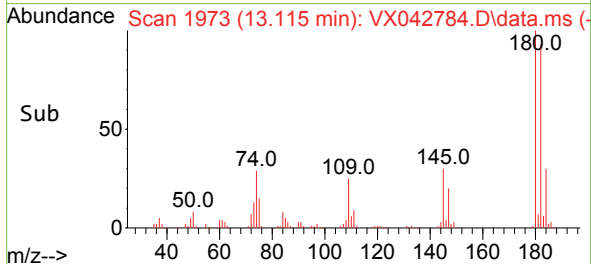
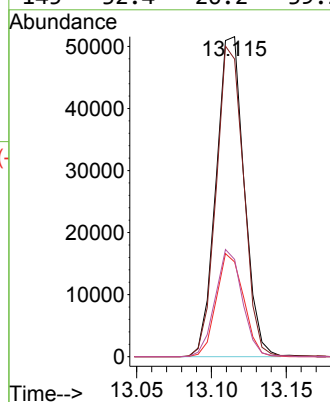


#69
1,3,5-Trichlorobenzene
Concen: 50.910 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :

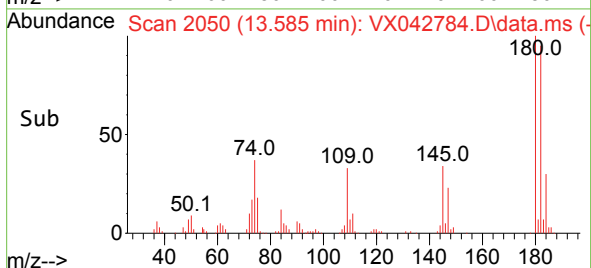
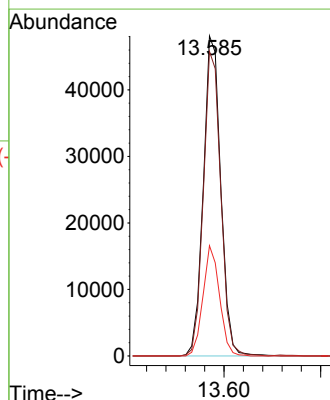
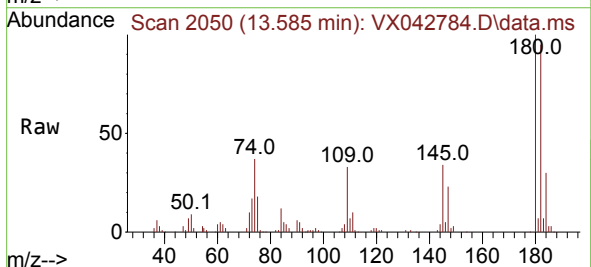


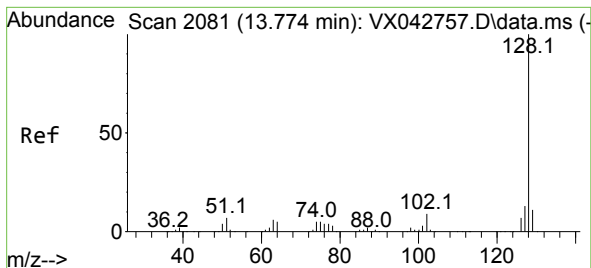
Tgt Ion:180 Resp: 67277
Ion Ratio Lower Upper
180 100
182 94.6 75.4 113.0
184 31.3 23.4 35.0
145 32.4 26.2 39.2



#70
1,2,4-trichlorobenzene
Concen: 52.149 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX042784.D
Acq: 31 Jul 2024 19:31

Tgt Ion:180 Resp: 60434
Ion Ratio Lower Upper
180 100
182 94.6 77.0 115.4
145 32.7 27.0 40.6





#71

Naphthalene

Concen: 54.657 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

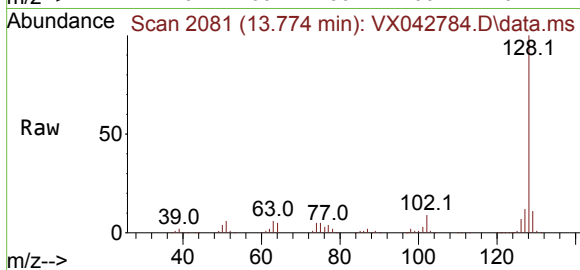
Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Instrument :

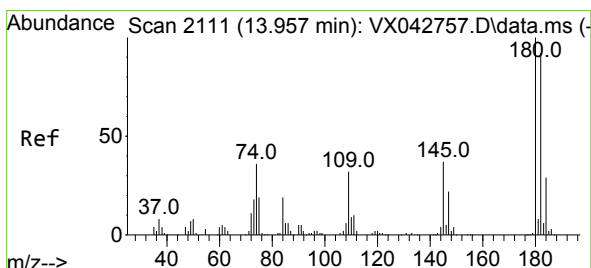
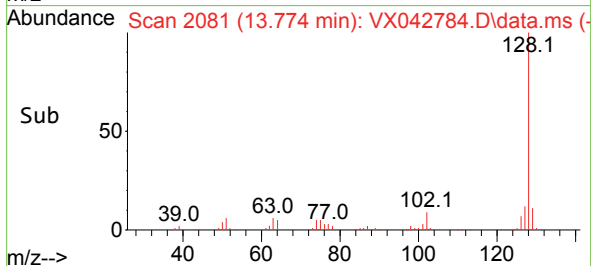
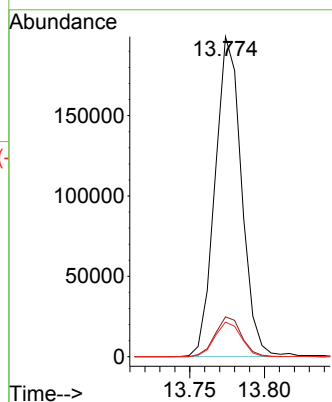
MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 244335

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.8	8.7	13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.636 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX042784.D

Acq: 31 Jul 2024 19:31

Tgt Ion:180 Resp: 64386

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.2
145	34.7	27.6	41.4

