

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042501.D
 Acq On : 24 Jul 2024 02:54
 Operator : JC/MD
 Sample : P3327-31
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 06:39:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 03:44:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	198292	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	184859	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100524	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48758	42.245	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.480%
7) Chloroethane-d5	1.648	69	33089	45.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.060%
11) 1,1-Dichloroethene-d2	2.294	65	26409	52.281	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.560%
21) 2-Butanone-d5	4.465	46	95350	114.638	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.640%
24) Chloroform-d	5.056	84	132501	57.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.200%
26) 1,2-Dichloroethane-d4	5.952	65	76975	56.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.400%
32) Benzene-d6	5.970	84	253118	52.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.940%
36) 1,2-Dichloropropane-d6	7.306	67	77087	53.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.220%
41) Toluene-d8	8.647	98	247632	55.613	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.220%
43) trans-1,3-Dichloroprop...	8.952	79	32037	51.550	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.100%
47) 2-Hexanone-d5	9.384	63	75026	114.945	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.940%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	118724	55.847	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.700%
66) 1,2-Dichlorobenzene-d4	12.317	152	108954	55.802	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65676	46.304	ug/L	98
3) Chloromethane	1.294	50	62628	43.694	ug/L	99
5) Vinyl chloride	1.374	62	53419	37.892	ug/L	98
6) Bromomethane	1.599	94	29076	37.851	ug/L	99
8) Chloroethane	1.666	64	28873	41.089	ug/L	99
9) Trichlorofluoromethane	1.874	101	83394	45.452	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	64829	51.270	ug/L	99
12) 1,1-Dichloroethene	2.313	96	58088	48.499	ug/L	84
13) Acetone	2.392	43	60747	107.061	ug/L	96
14) Carbon disulfide	2.502	76	113372	38.049	ug/L	98
15) Methyl Acetate	2.709	43	80908	56.121	ug/L	100
16) Methylene chloride	2.788	84	73124	49.485	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	61243	49.715	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	228149	56.635	ug/L	99
19) 1,1-Dichloroethane	3.605	63	121593	54.967	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	77969	53.874	ug/L	98
22) 2-Butanone	4.568	43	108440	114.172	ug/L	100
23) Bromochloromethane	4.904	128	39567	51.157	ug/L	98
25) Chloroform	5.093	83	132144	56.973	ug/L	100

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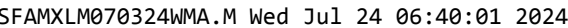
Instrument :
 MSVOA_X
 ClientSampleId :

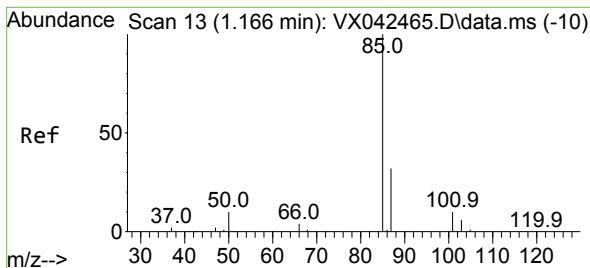
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	93577	54.441	ug/L	98
29) Cyclohexane	5.464	56	97186	48.646	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	111319	55.311	ug/L	100
31) Carbon tetrachloride	5.672	117	96138	54.686	ug/L	100
33) Benzene	6.037	78	264619	51.189	ug/L	100
34) Trichloroethene	7.123	95	102790	75.910	ug/L	97
35) Methylcyclohexane	7.379	83	97842	47.654	ug/L	99
37) 1,2-Dichloropropane	7.427	63	71356	53.797	ug/L	100
38) Bromodichloromethane	7.824	83	89016	54.805	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	102868	52.671	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	217518	114.976	ug/L	99
42) Toluene	8.720	91	294153	53.328	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	92926	53.069	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	80867	56.981	ug/L	97
46) Tetrachloroethene	9.275	164	66597	52.543	ug/L	99
48) 2-Hexanone	9.433	43	171739	115.596	ug/L	99
49) Dibromochloromethane	9.519	129	81318	56.261	ug/L	99
50) 1,2-Dibromoethane	9.610	107	83041	54.481	ug/L	99
51) Chlorobenzene	10.079	112	204553	54.023	ug/L	99
52) Ethylbenzene	10.195	91	330901	55.204	ug/L	99
53) m,p-Xylene	10.299	106	130757	54.195	ug/L	96
54) o-Xylene	10.640	106	133347	55.330	ug/L	99
55) Styrene	10.653	104	223099	55.556	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	127781	56.098	ug/L	99
59) Bromoform	10.799	173	63240	50.189	ug/L	100
60) Isopropylbenzene	10.963	105	331020	52.595	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	97944	54.870	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	265727	55.524	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	287950	56.142	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	173757	55.050	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	172495	54.026	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	176704	54.385	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	25959	56.810	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	129578	56.502	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	116542	55.871	ug/L	98
71) Naphthalene	13.774	128	367344	56.968	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	123725	56.132	ug/L	99

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

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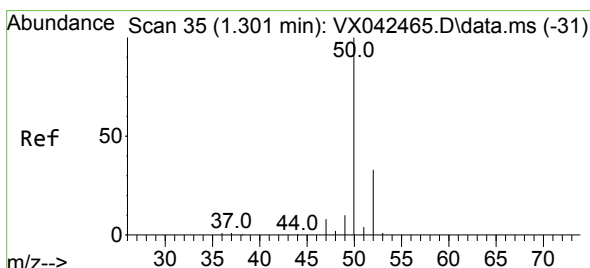
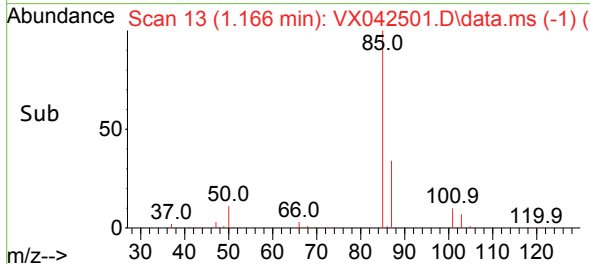
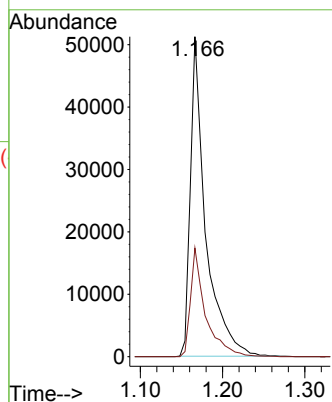
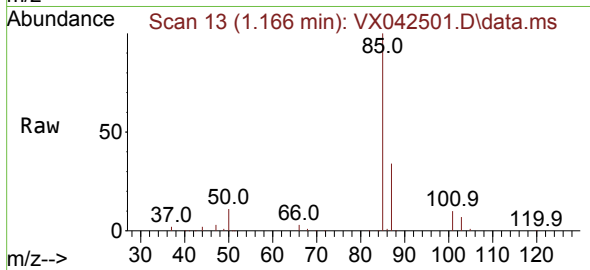




#2
Dichlorodifluoromethane
Concen: 46.304 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

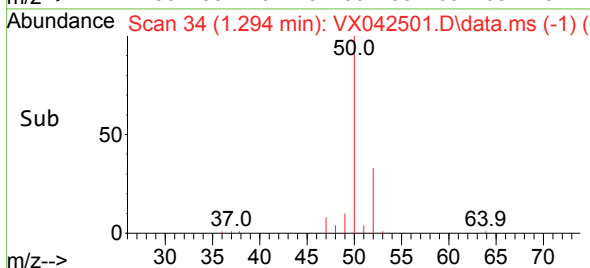
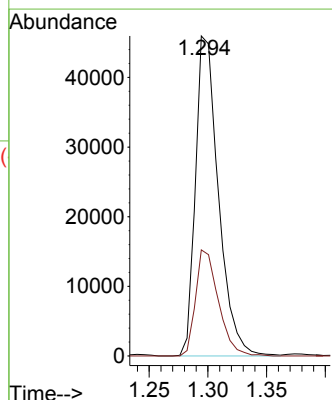
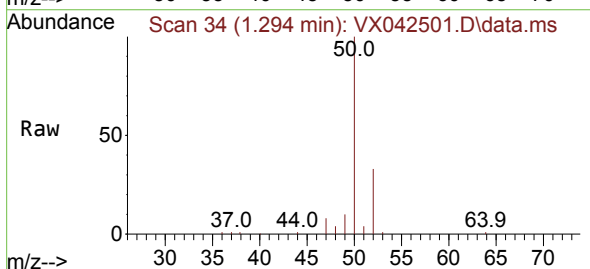
Instrument :
MSVOA_X
ClientSampleId :

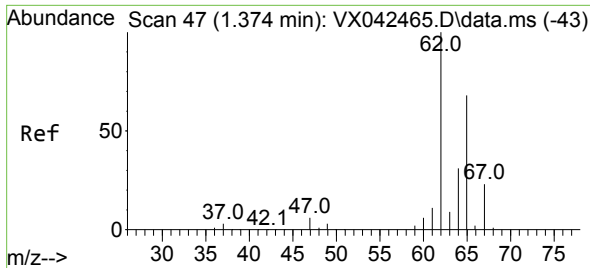
Tgt Ion: 85 Resp: 65676
Ion Ratio Lower Upper
85 100
87 33.6 26.0 39.0



#3
Chloromethane
Concen: 43.694 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

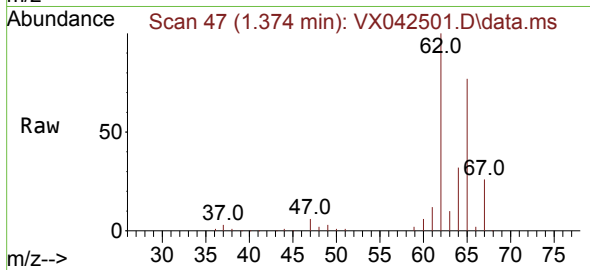
Tgt Ion: 50 Resp: 62628
Ion Ratio Lower Upper
50 100
52 33.2 23.5 43.7



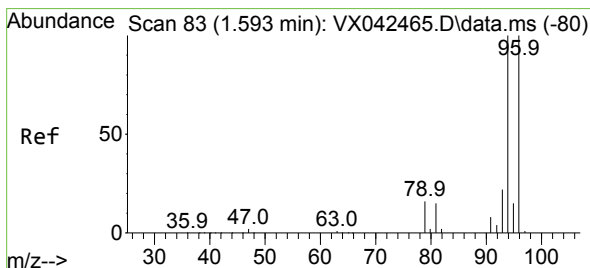
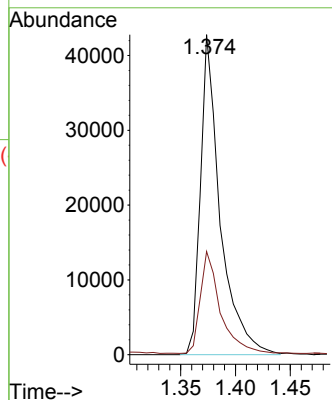
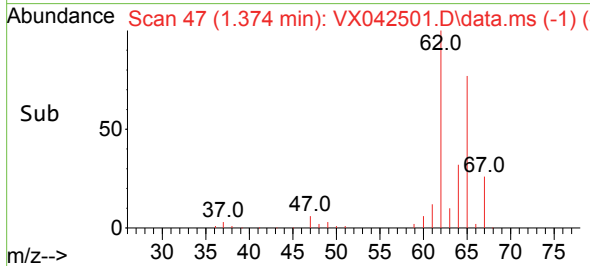


#5
 Vinyl chloride
 Concen: 37.892 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX042501.D
 Acq: 24 Jul 2024 02:54

Instrument :
 MSVOA_X
 ClientSampleId :

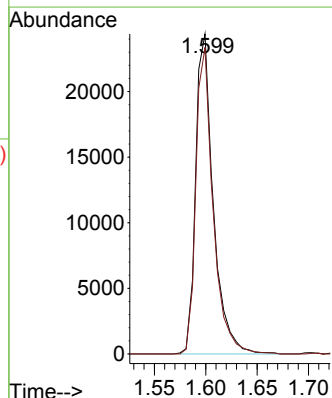
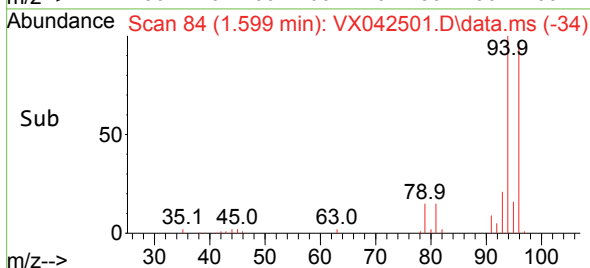
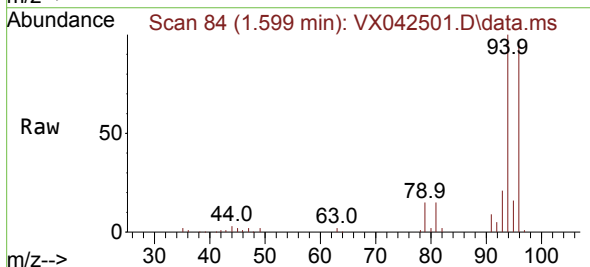


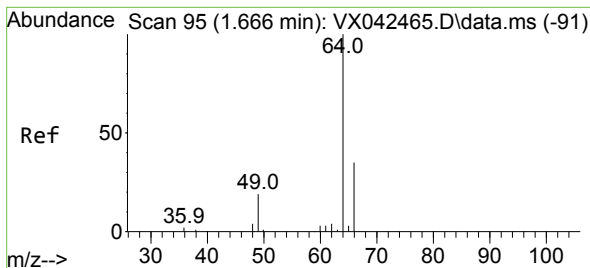
Tgt Ion: 62 Resp: 53419
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.2 43.0



#6
 Bromomethane
 Concen: 37.851 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VX042501.D
 Acq: 24 Jul 2024 02:54

Tgt Ion: 94 Resp: 29076
 Ion Ratio Lower Upper
 94 100
 96 95.8 66.4 123.4





#8

Chloroethane

Concen: 41.089 ug/L

RT: 1.666 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Instrument :

MSVOA_X

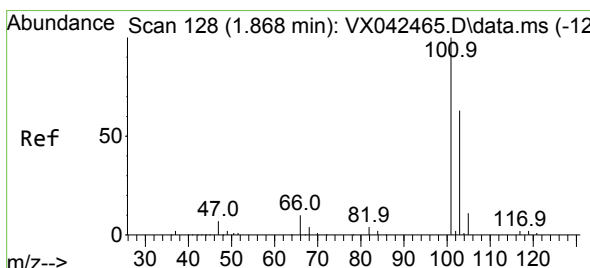
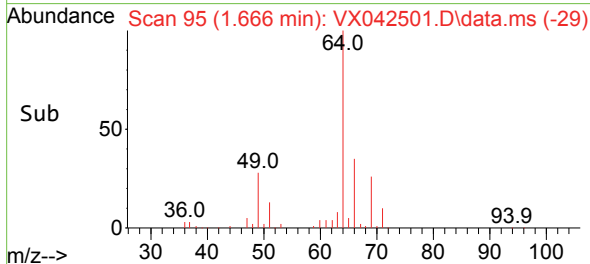
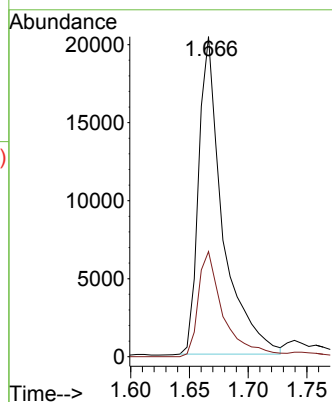
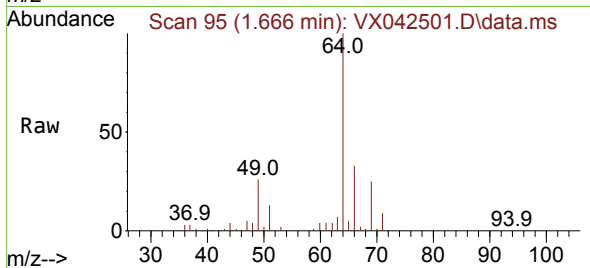
ClientSampleId :

Tgt Ion: 64 Resp: 28873

Ion Ratio Lower Upper

64 100

66 32.9 22.5 41.7



#9

Trichlorofluoromethane

Concen: 45.452 ug/L

RT: 1.874 min Scan# 129

Delta R.T. 0.006 min

Lab File: VX042501.D

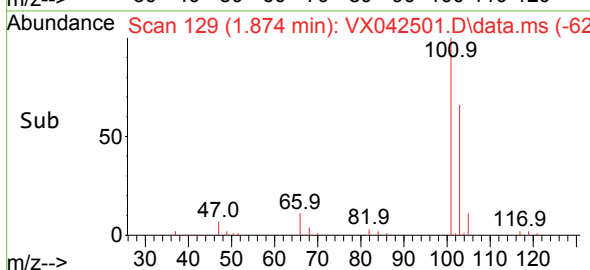
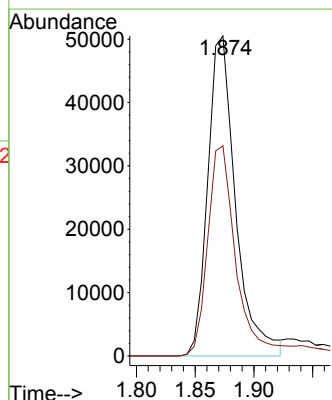
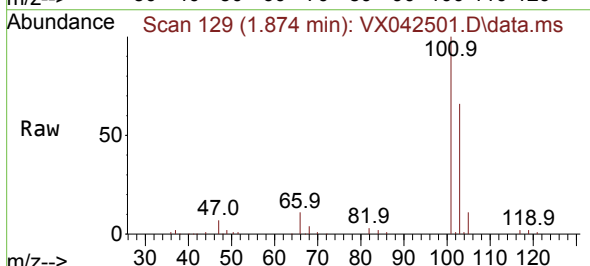
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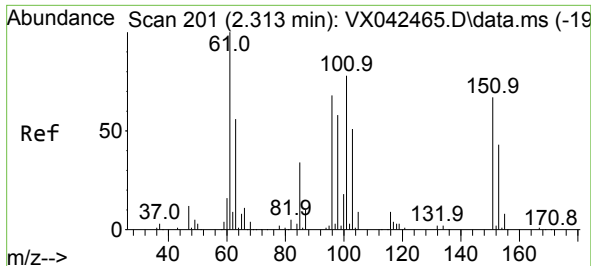
Tgt Ion:101 Resp: 83394

Ion Ratio Lower Upper

101 100

103 67.1 50.2 75.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 51.270 ug/L

RT: 2.319 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Instrument :

MSVOA_X

ClientSampleId :

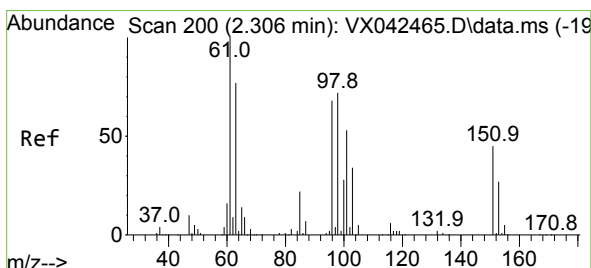
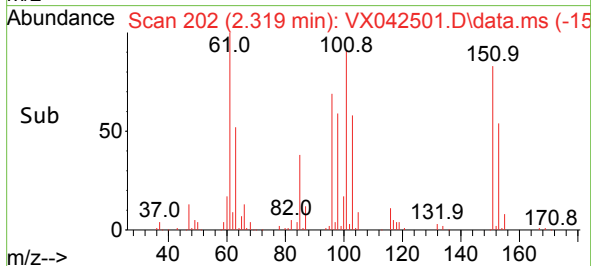
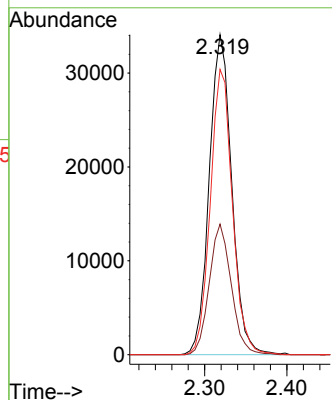
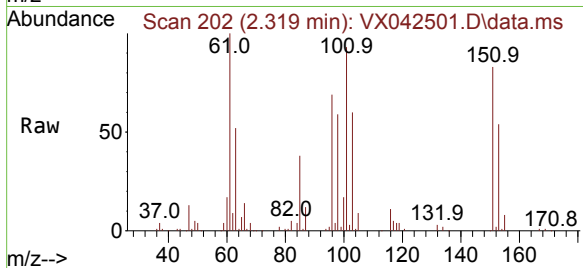
Tgt Ion:101 Resp: 64829

Ion Ratio Lower Upper

101 100

85 39.9 31.3 46.9

151 87.6 69.7 104.5



#12

1,1-Dichloroethene

Concen: 48.499 ug/L

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

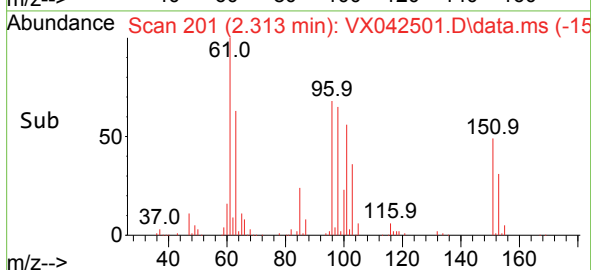
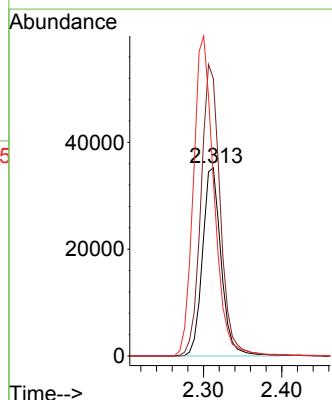
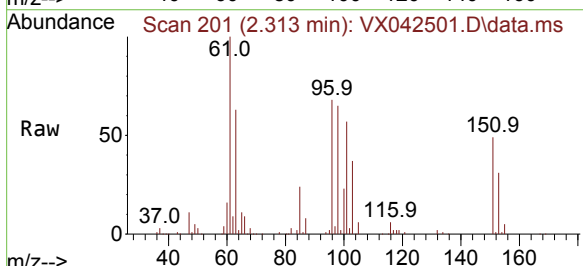
Tgt Ion: 96 Resp: 58088

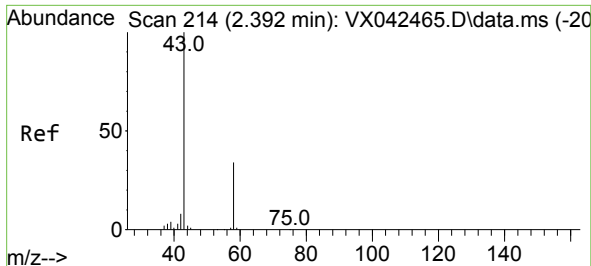
Ion Ratio Lower Upper

96 100

61 147.4 106.7 198.1

63 93.4 89.2 165.6





#13

Acetone

Concen: 107.061 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Instrument :

MSVOA_X

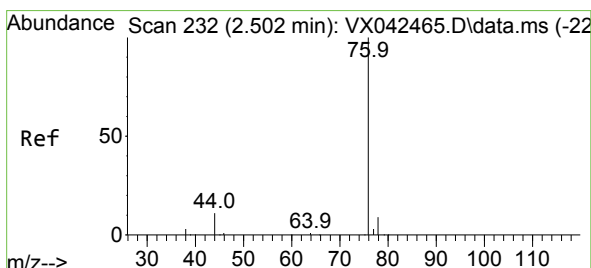
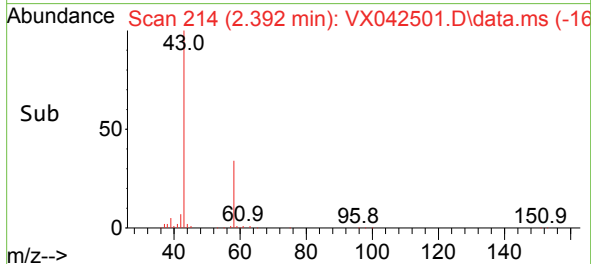
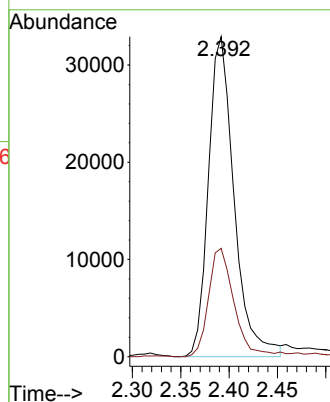
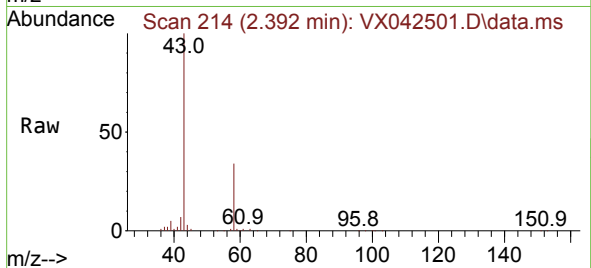
ClientSampleId :

Tgt Ion: 43 Resp: 60747

Ion Ratio Lower Upper

43 100

58 33.3 0.0 62.6



#14

Carbon disulfide

Concen: 38.049 ug/L

RT: 2.502 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX042501.D

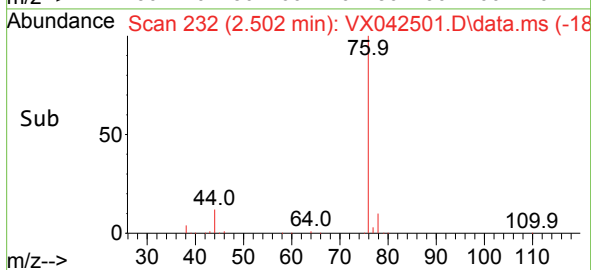
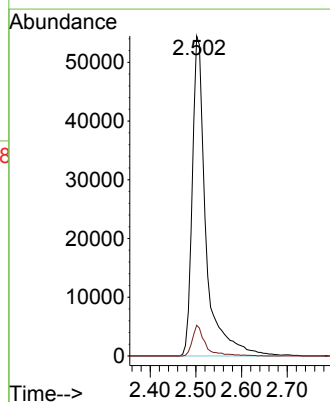
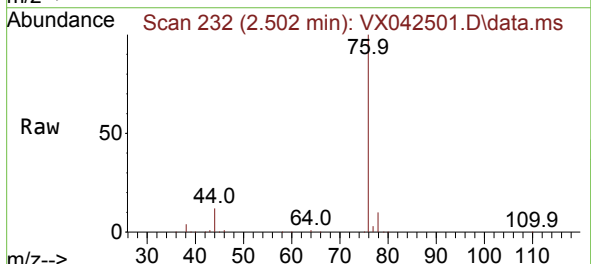
Acq: 24 Jul 2024 02:54

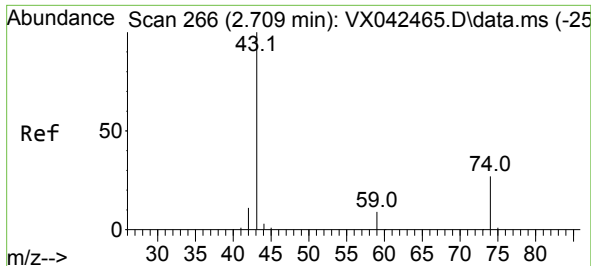
Tgt Ion: 76 Resp: 113372

Ion Ratio Lower Upper

76 100

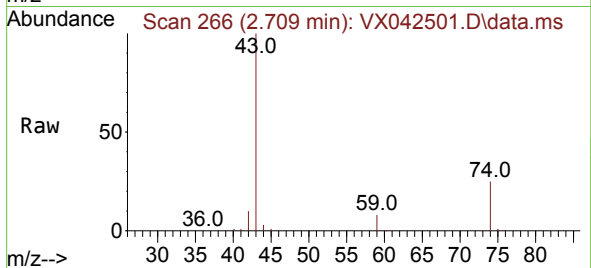
78 9.6 7.1 10.7



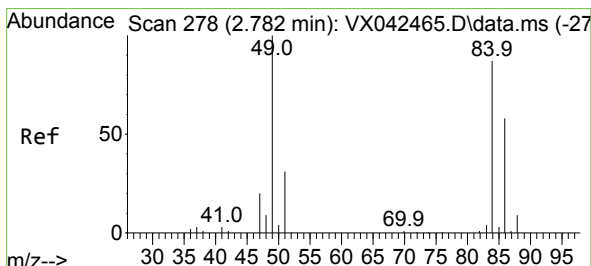
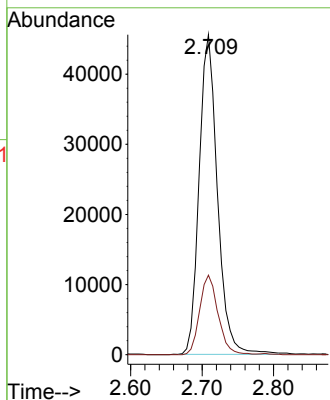
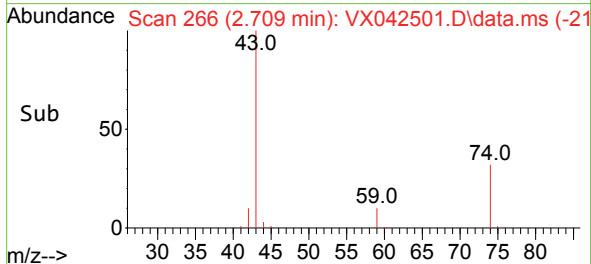


#15
Methyl Acetate
Concen: 56.121 ug/L
RT: 2.709 min Scan# 210
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

Instrument :
MSVOA_X
ClientSampleId :

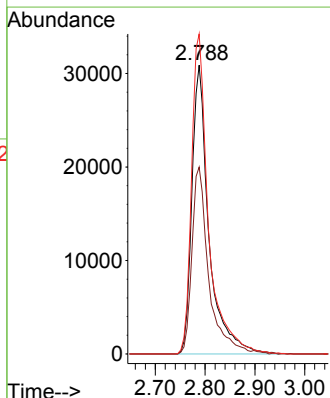
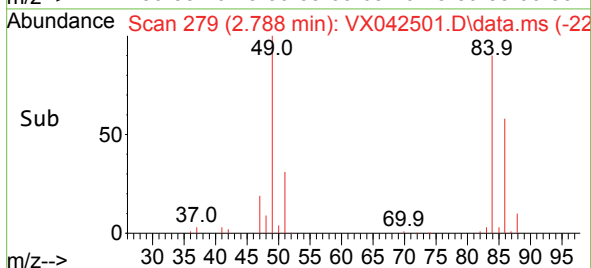
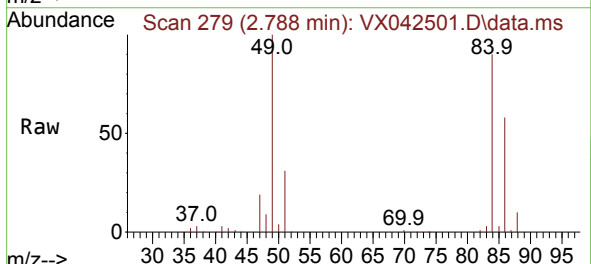


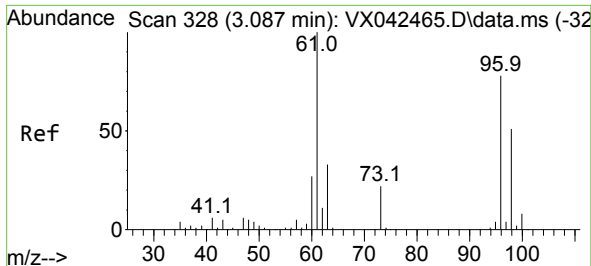
Tgt Ion: 43 Resp: 80908
Ion Ratio Lower Upper
43 100
74 25.0 20.1 30.1



#16
Methylene chloride
Concen: 49.485 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

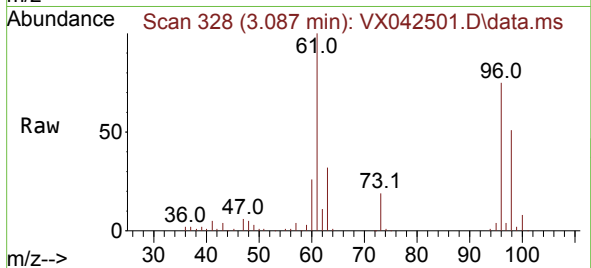
Tgt Ion: 84 Resp: 73124
Ion Ratio Lower Upper
84 100
86 64.7 45.7 84.9
49 110.8 76.4 141.8





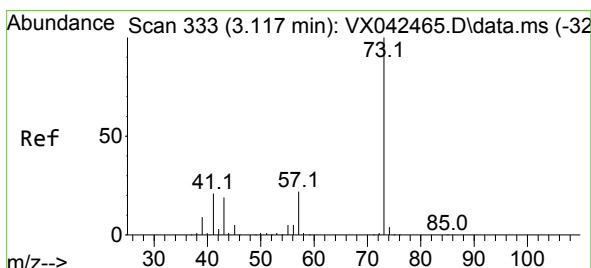
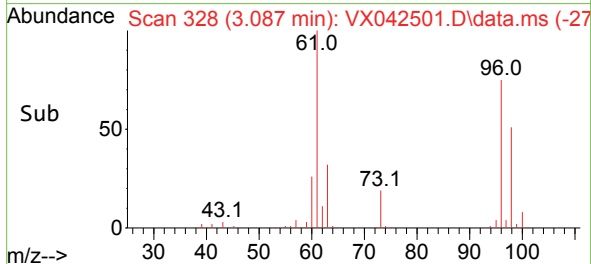
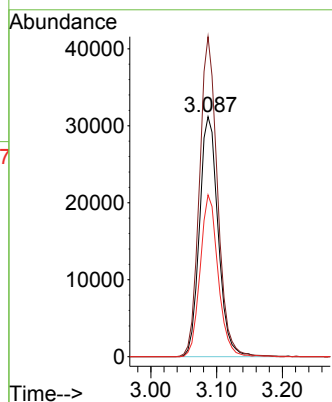
#17
trans-1,2-Dichloroethene
Concen: 49.715 ug/L
RT: 3.087 min Scan# 317
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 61243

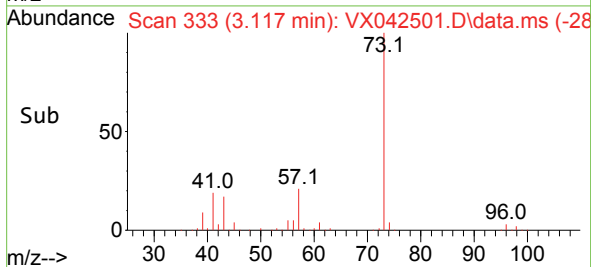
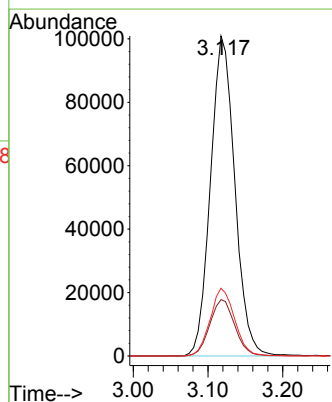
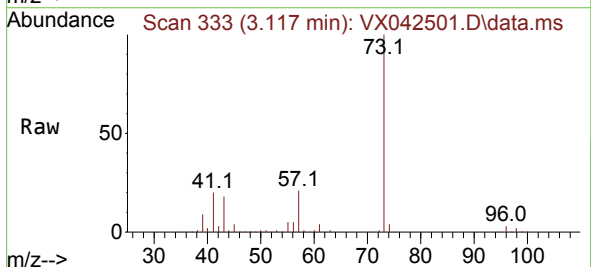
Ion	Ratio	Lower	Upper
96	100		
61	133.4	88.4	164.2
98	67.4	46.5	86.5

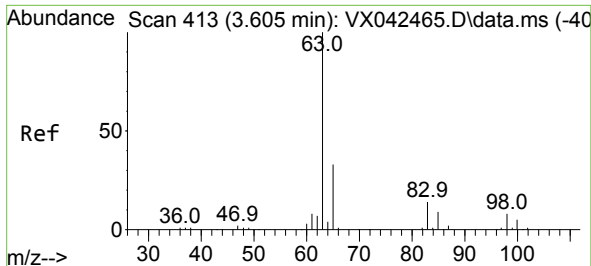


#18
Methyl tert-butyl Ether
Concen: 56.635 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

Tgt Ion: 73 Resp: 228149

Ion	Ratio	Lower	Upper
73	100		
43	18.2	14.5	21.7
57	21.2	17.5	26.3





#19

1,1-Dichloroethane

Concen: 54.967 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Instrument :

MSVOA_X

ClientSampleId :

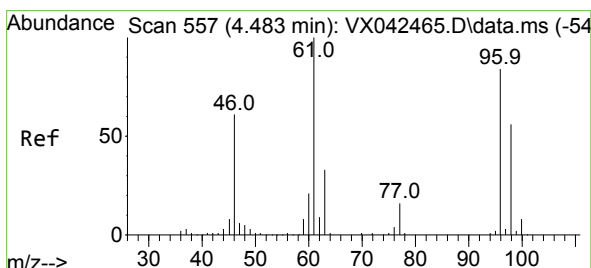
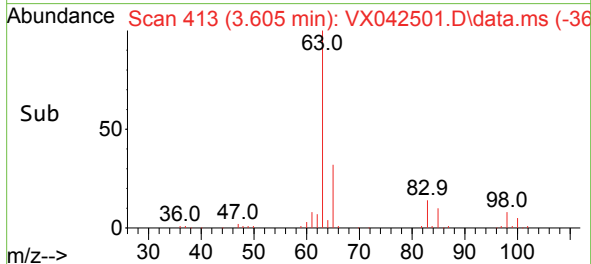
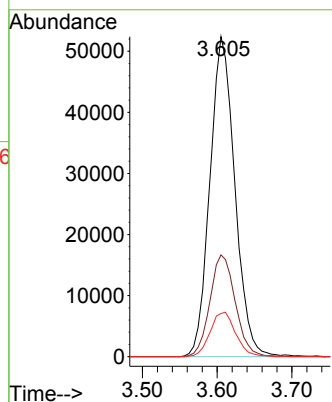
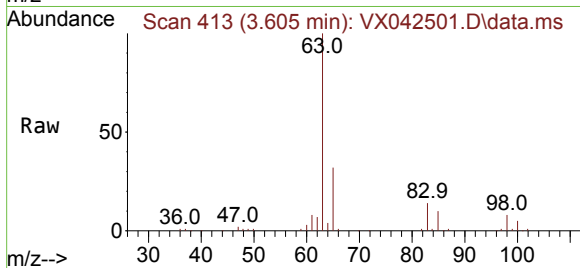
Tgt Ion: 63 Resp: 121593

Ion Ratio Lower Upper

63 100

65 31.8 22.2 41.2

83 13.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 53.874 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

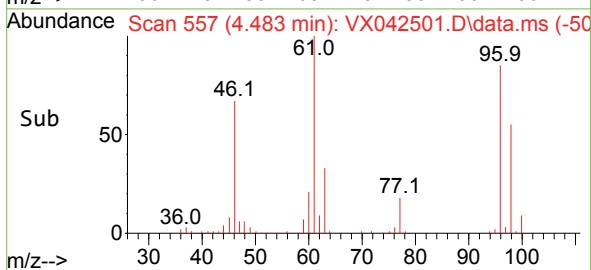
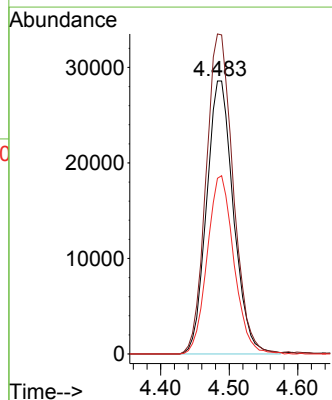
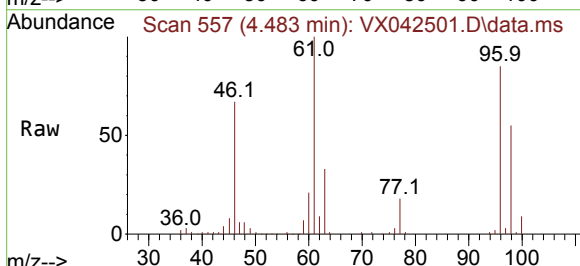
Tgt Ion: 96 Resp: 77969

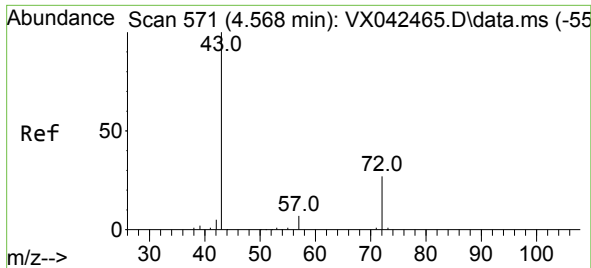
Ion Ratio Lower Upper

96 100

61 117.2 80.5 149.5

98 64.4 45.7 84.9

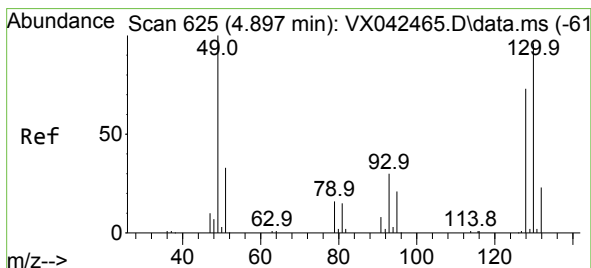
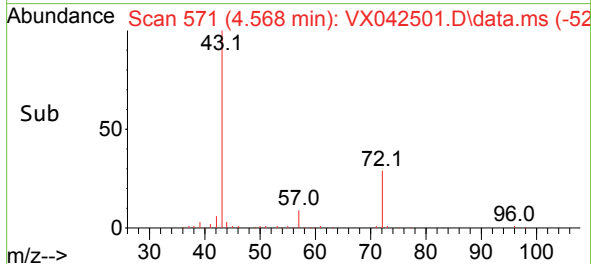
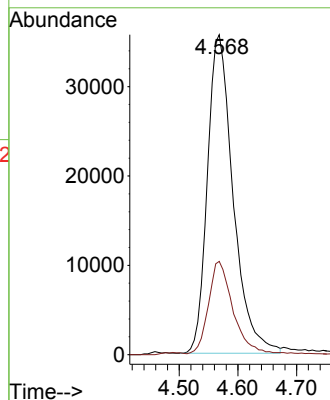
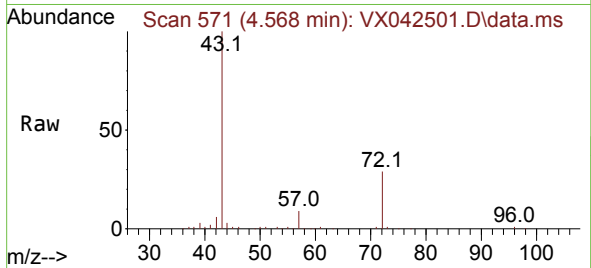




#22
2-Butanone
Concen: 114.172 ug/L
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

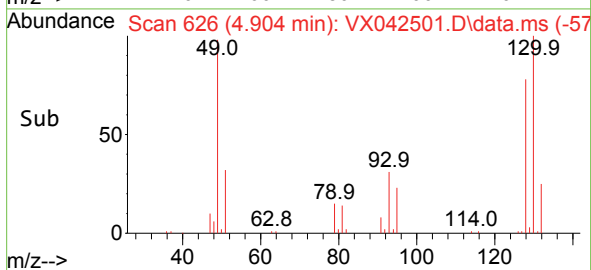
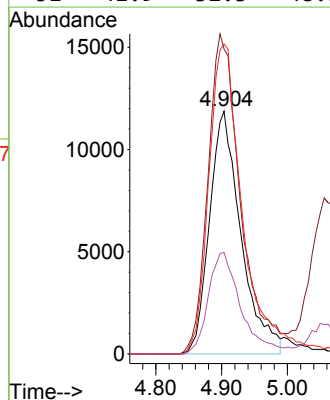
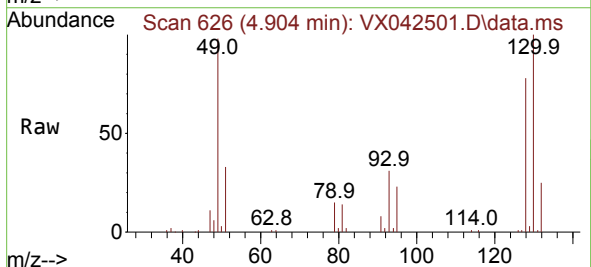
Instrument :
MSVOA_X
ClientSampleId :

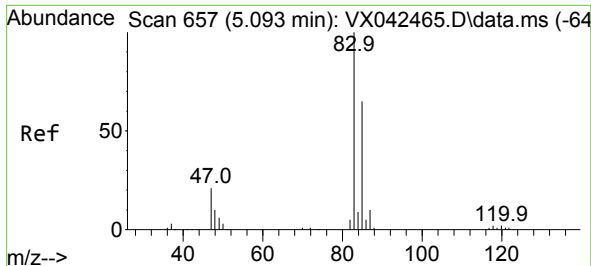
Tgt Ion: 43 Resp: 108440
Ion Ratio Lower Upper
43 100
72 27.4 13.7 41.1



#23
Bromochloromethane
Concen: 51.157 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

Tgt Ion:128 Resp: 39567
Ion Ratio Lower Upper
128 100
49 125.6 89.7 166.7
130 127.7 90.0 167.2
51 41.9 32.3 48.5

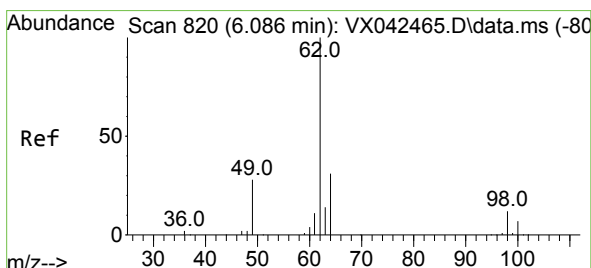
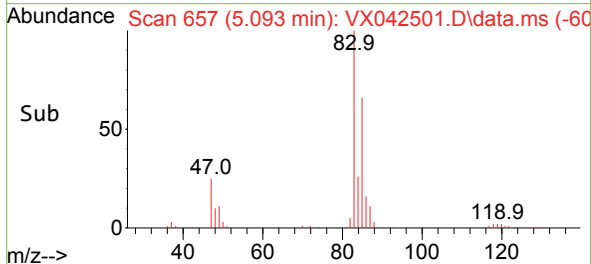
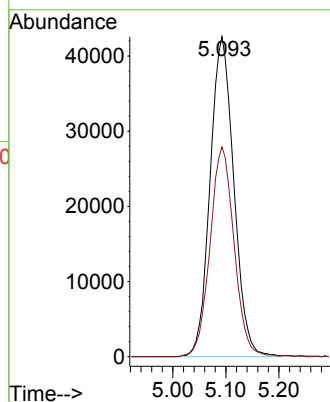
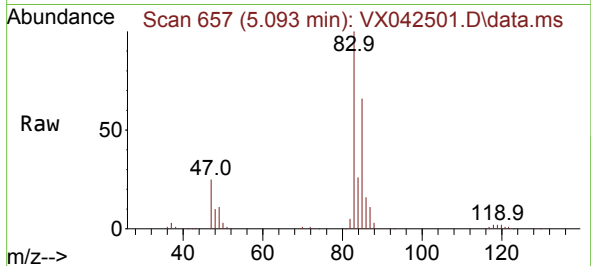




#25
Chloroform
Concen: 56.973 ug/L
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

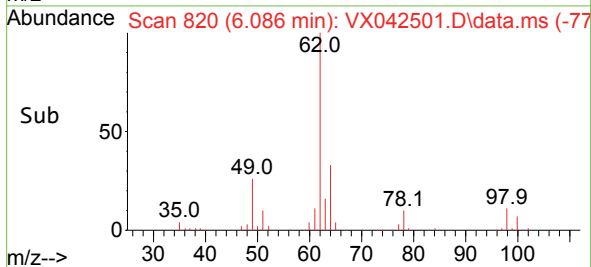
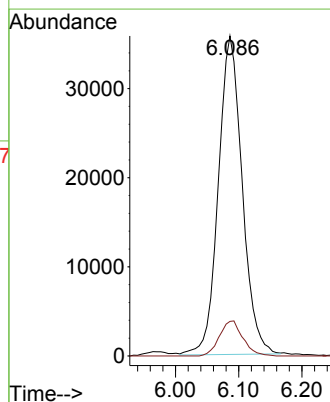
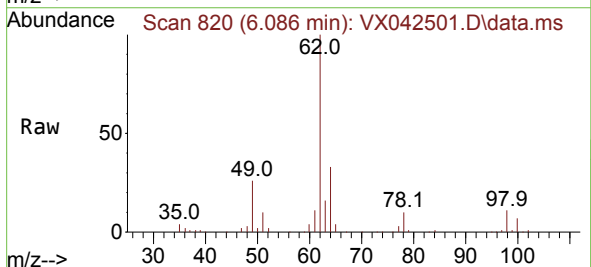
Instrument :
MSVOA_X
ClientSampleId :

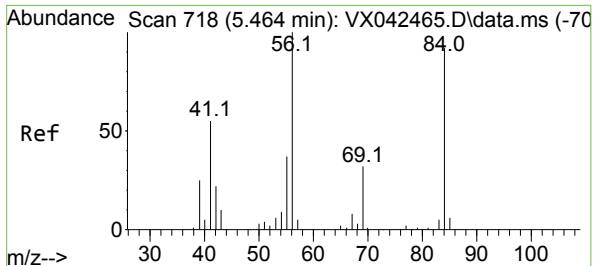
Tgt Ion: 83 Resp: 132144
Ion Ratio Lower Upper
83 100
85 65.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 54.441 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

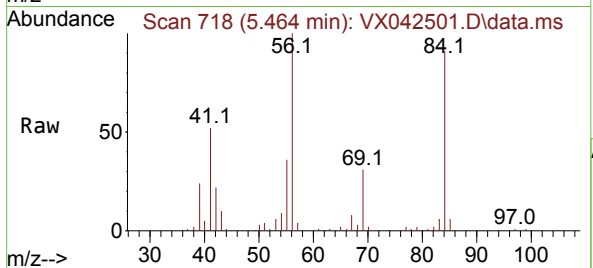
Tgt Ion: 62 Resp: 93577
Ion Ratio Lower Upper
62 100
98 10.8 9.3 13.9



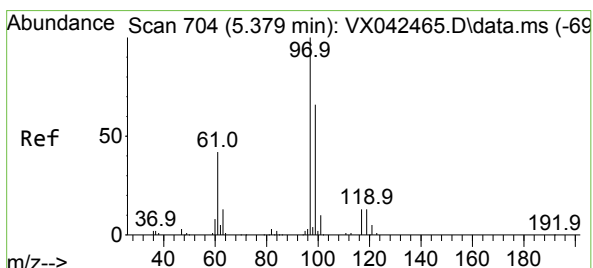
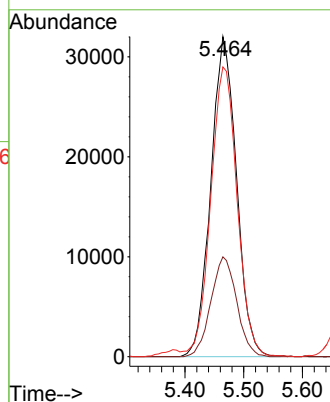
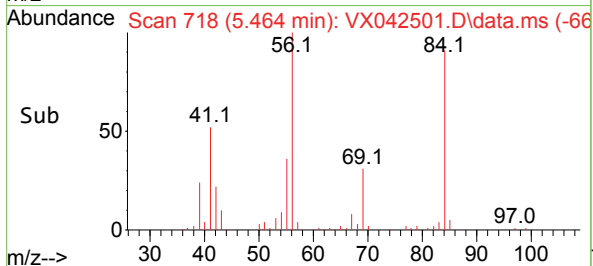


#29
Cyclohexane
Concen: 48.646 ug/L
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

Instrument :
MSVOA_X
ClientSampleId :

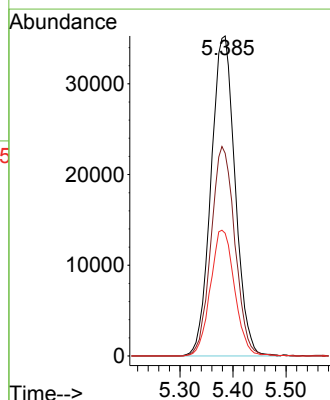
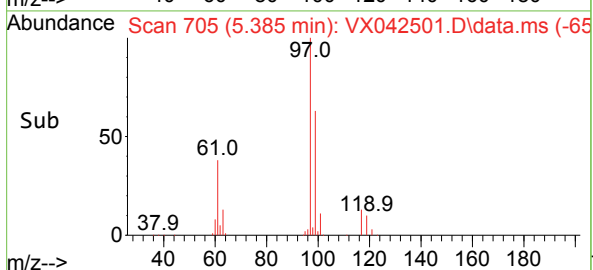
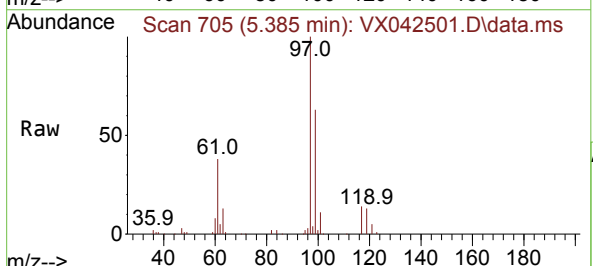


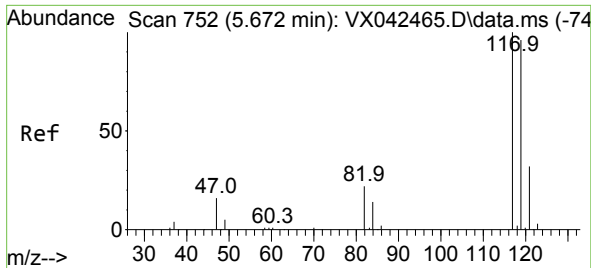
Tgt Ion: 56 Resp: 97186
Ion Ratio Lower Upper
56 100
69 31.3 25.3 37.9
84 93.1 74.0 111.0



#30
1,1,1-Trichloroethane
Concen: 55.311 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

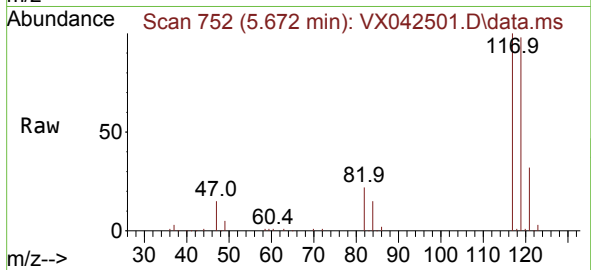
Tgt Ion: 97 Resp: 111319
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 39.3 31.2 46.8



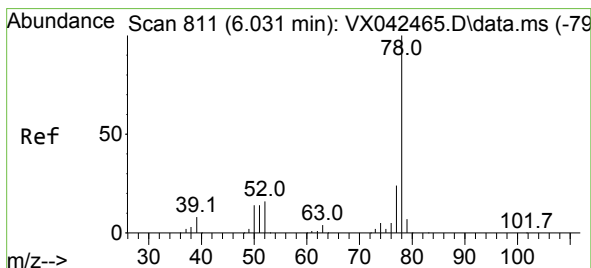
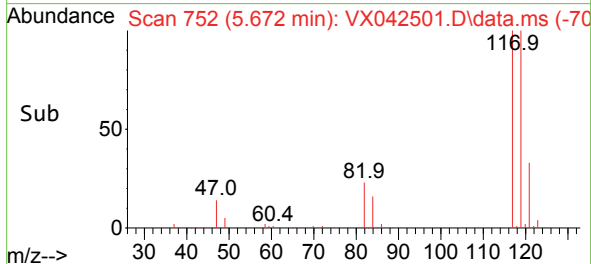
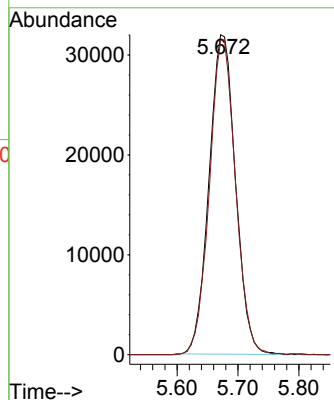


#31
Carbon tetrachloride
Concen: 54.686 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

Instrument :
MSVOA_X
ClientSampleId :

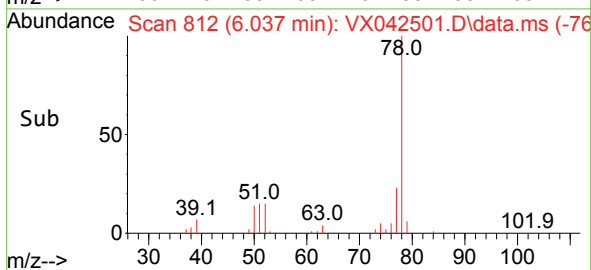
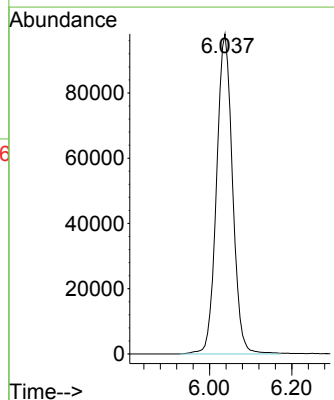
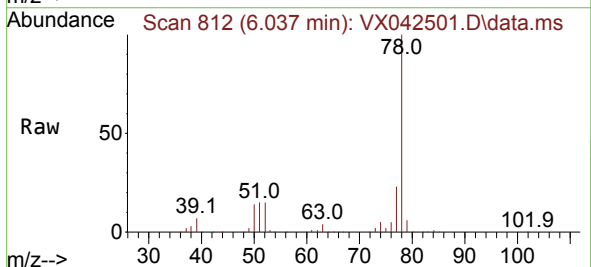


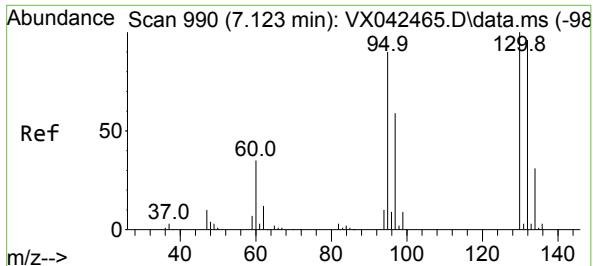
Tgt Ion:117 Resp: 96138
Ion Ratio Lower Upper
117 100
119 97.6 77.7 116.5



#33
Benzene
Concen: 51.189 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

Tgt Ion: 78 Resp: 264619





#34

Trichloroethene

Concen: 75.910 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

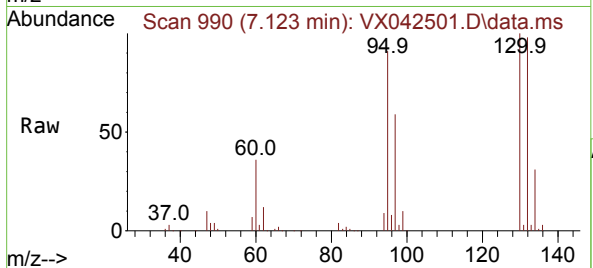
Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 102790

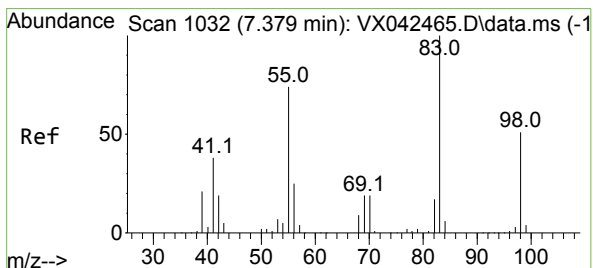
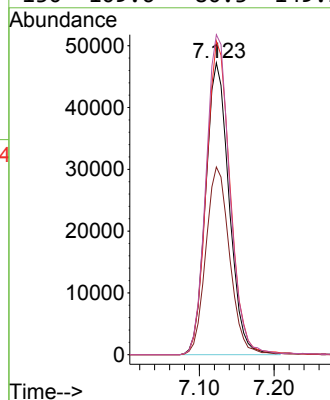
Ion Ratio Lower Upper

95 100

97 64.3 45.1 83.7

132 107.5 77.2 143.4

130 109.6 80.3 149.1



#35

Methylcyclohexane

Concen: 47.654 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

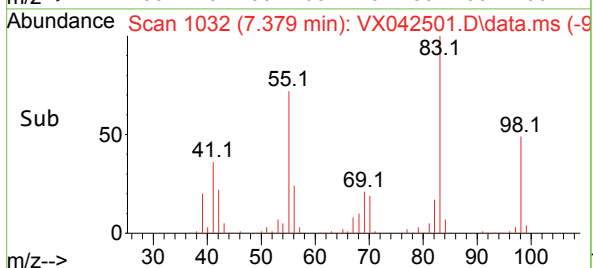
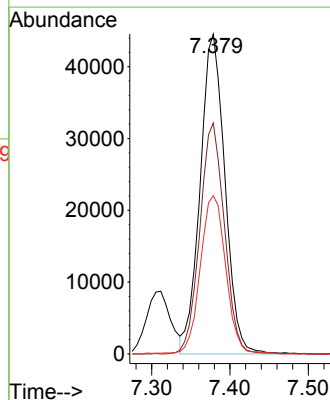
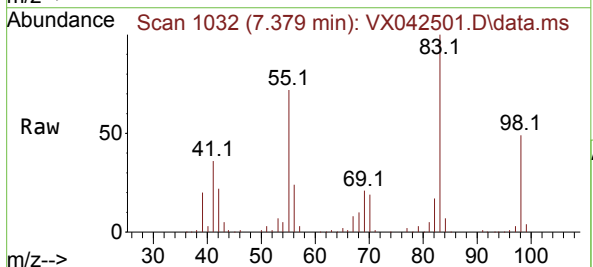
Tgt Ion: 83 Resp: 97842

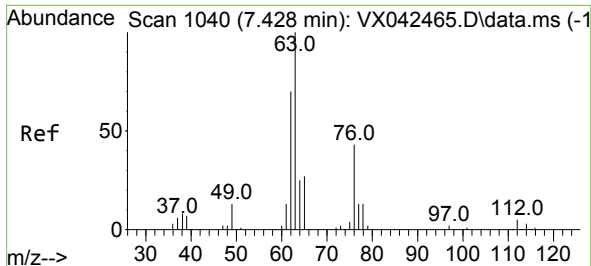
Ion Ratio Lower Upper

83 100

55 71.7 56.4 84.6

98 50.9 40.4 60.6





#37

1,2-Dichloropropane

Concen: 53.797 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Instrument :

MSVOA_X

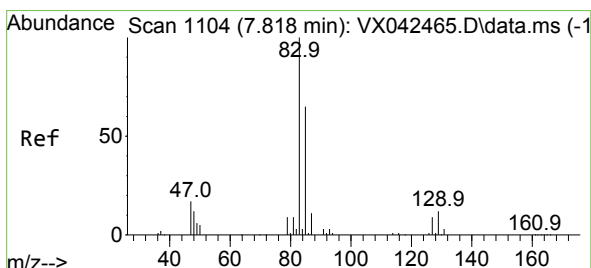
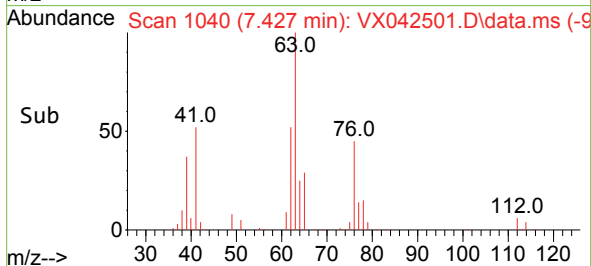
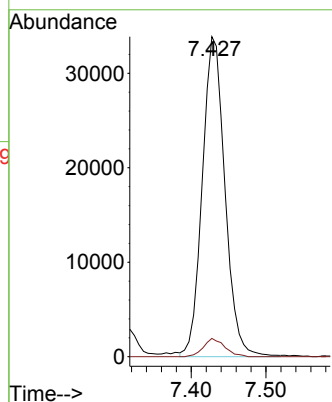
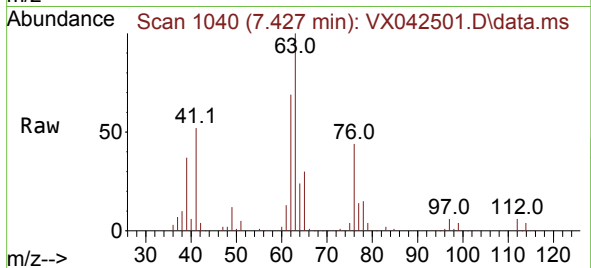
ClientSampleId :

Tgt Ion: 63 Resp: 71356

Ion Ratio Lower Upper

63 100

112 5.4 4.3 6.5



#38

Bromodichloromethane

Concen: 54.805 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

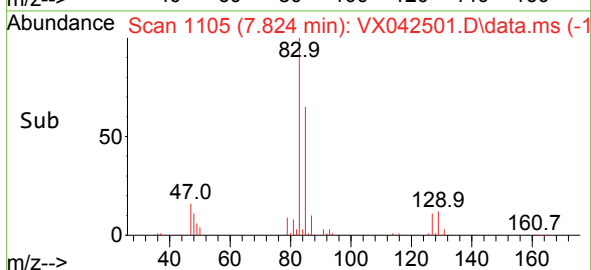
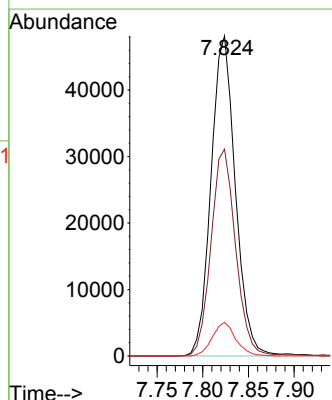
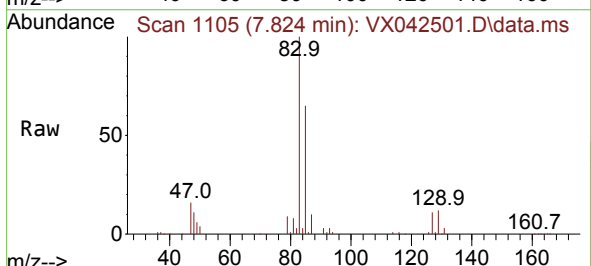
Tgt Ion: 83 Resp: 89016

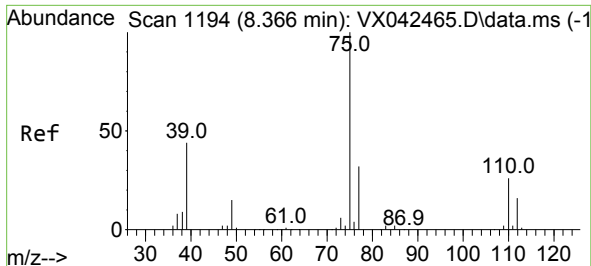
Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.2

127 10.5 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 52.671 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Instrument :

MSVOA_X

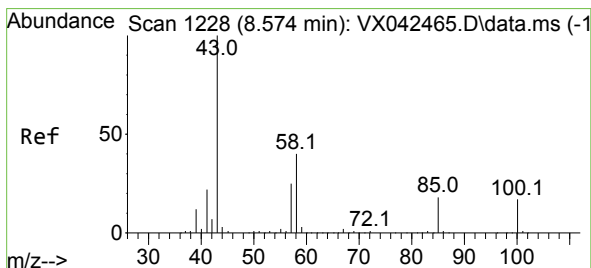
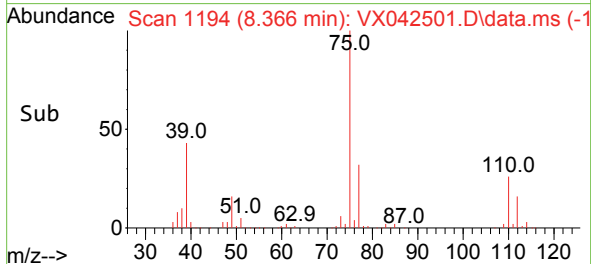
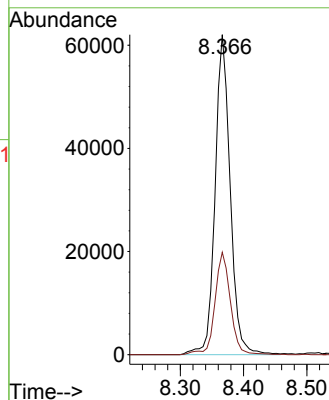
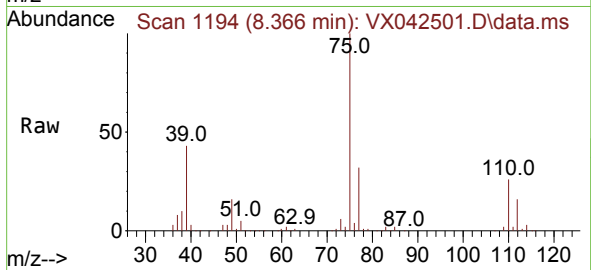
ClientSampleId :

Tgt Ion: 75 Resp: 102868

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 114.976 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

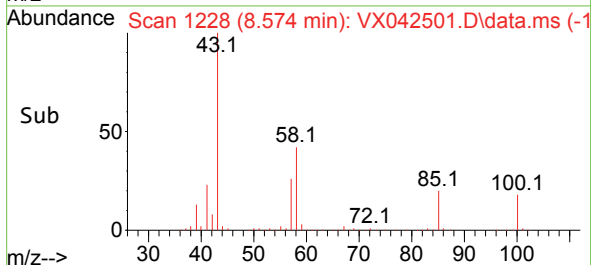
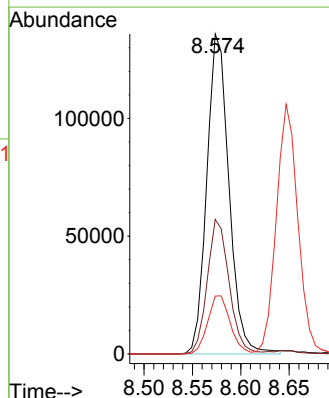
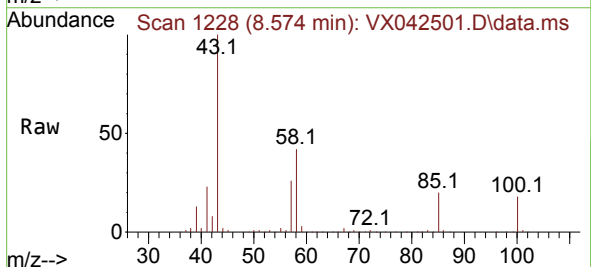
Tgt Ion: 43 Resp: 217518

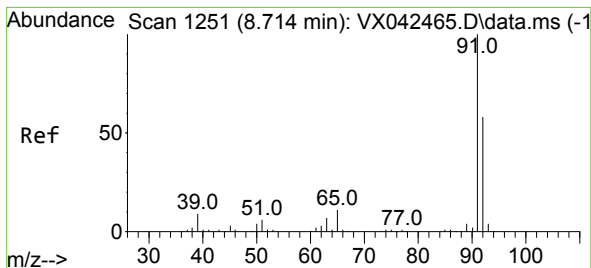
Ion Ratio Lower Upper

43 100

58 41.4 33.7 50.5

100 18.5 15.4 23.2





#42

Toluene

Concen: 53.328 ug/L

RT: 8.720 min Scan# 1251

Delta R.T. 0.006 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Instrument :

MSVOA_X

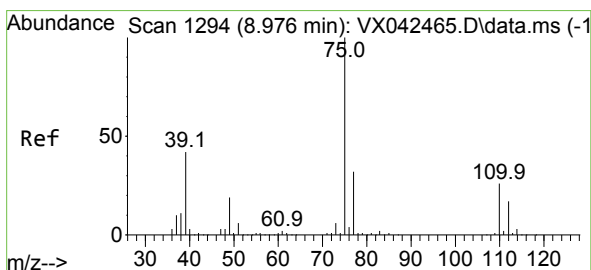
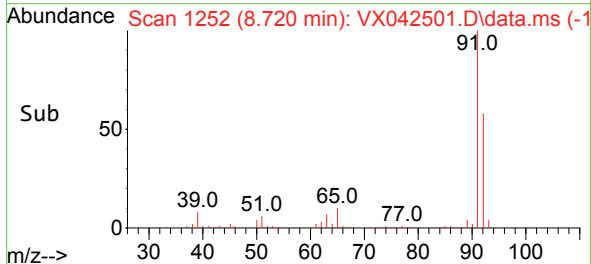
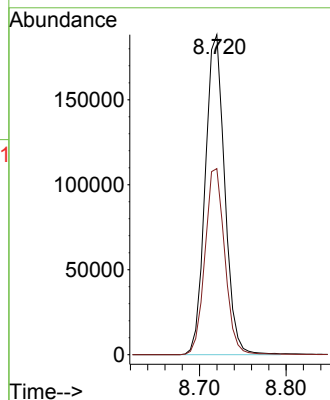
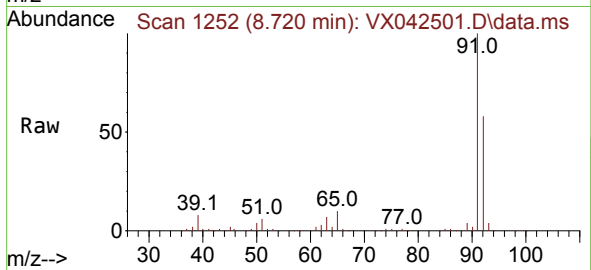
ClientSampleId :

Tgt Ion: 91 Resp: 294153

Ion Ratio Lower Upper

91 100

92 58.1 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 53.069 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042501.D

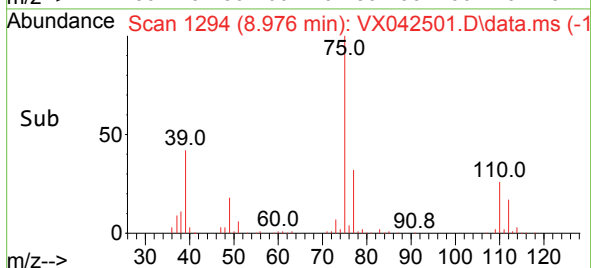
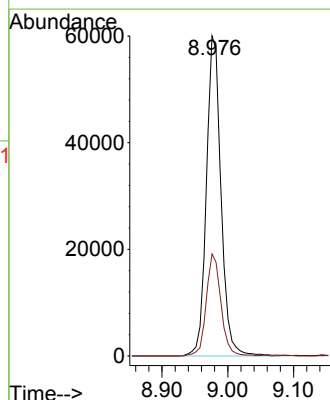
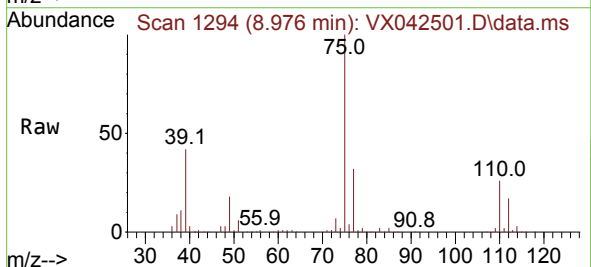
Acq: 24 Jul 2024 02:54

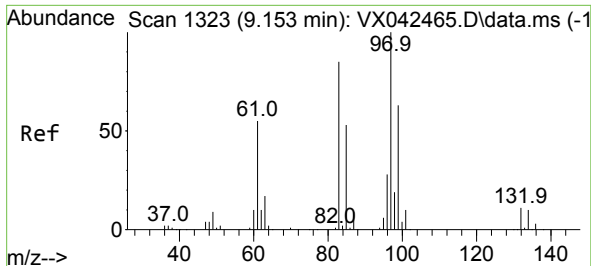
Tgt Ion: 75 Resp: 92926

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2

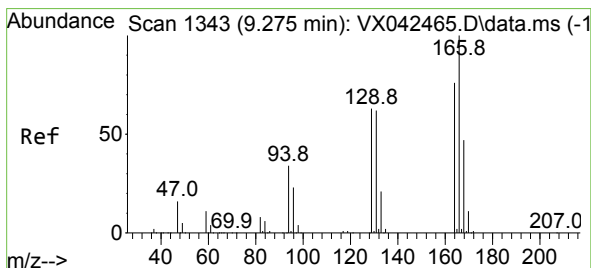
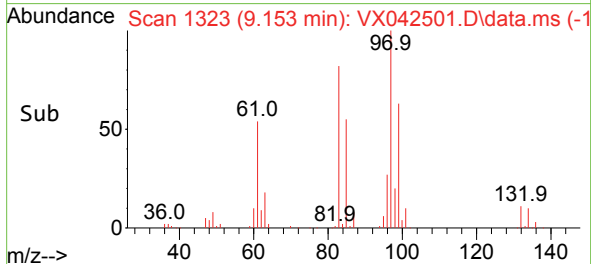
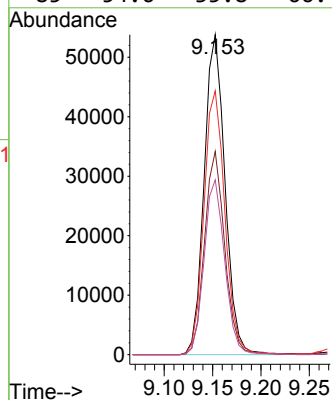
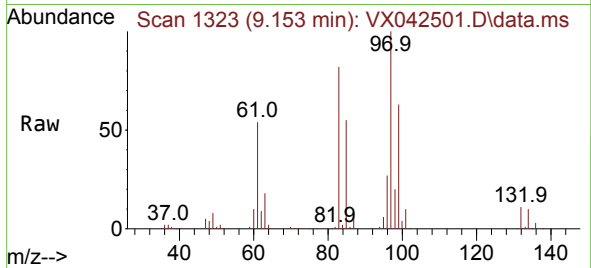




#45
1,1,2-Trichloroethane
Concen: 56.981 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

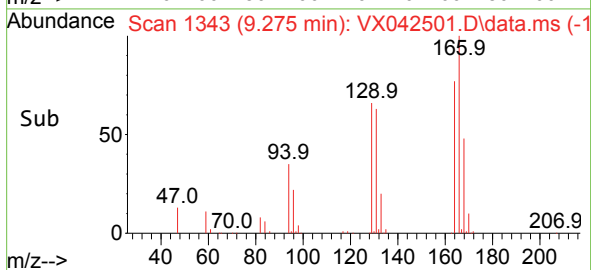
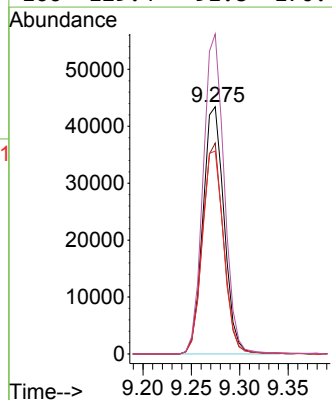
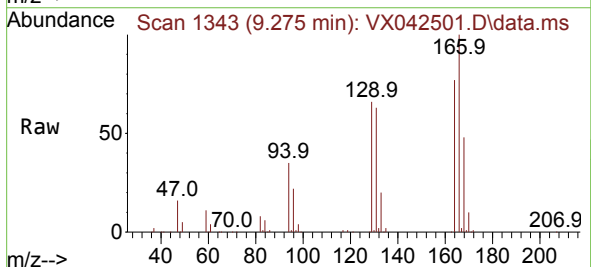
Instrument :
MSVOA_X
ClientSampleId :

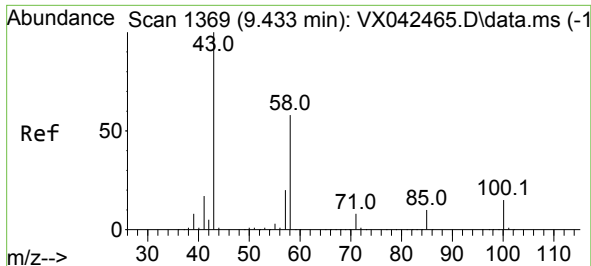
Tgt Ion:	97	Resp:	80867
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.3	80.3
83	82.5	56.2	104.4
85	54.6	35.8	66.4



#46
Tetrachloroethene
Concen: 52.543 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

Tgt Ion:	164	Resp:	66597
Ion	Ratio	Lower	Upper
164	100		
129	85.3	58.6	108.8
131	82.0	57.9	107.5
166	129.4	91.8	170.4



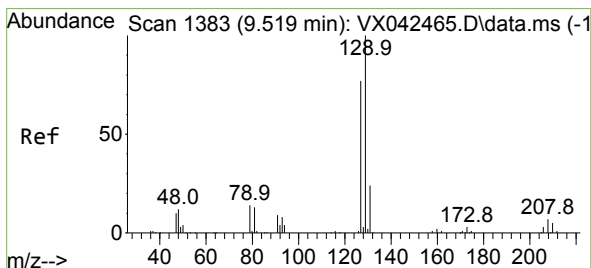
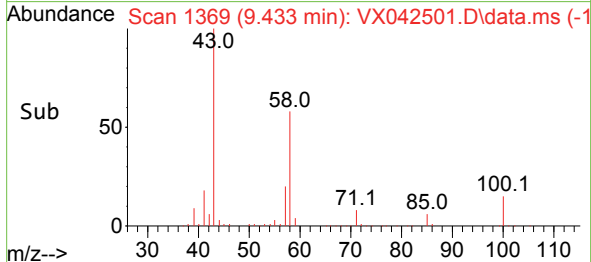
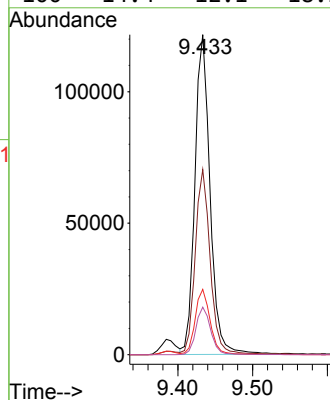
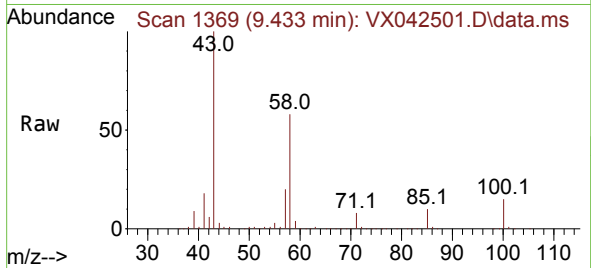


#48
2-Hexanone
Concen: 115.596 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 171739

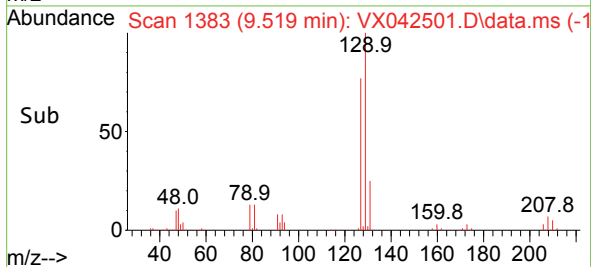
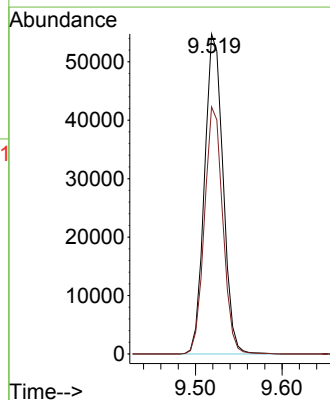
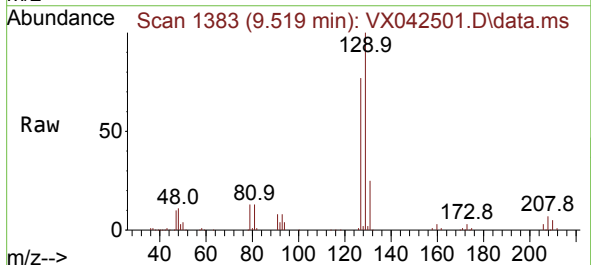
Ion	Ratio	Lower	Upper
43	100		
58	57.4	46.4	69.6
57	20.3	16.3	24.5
100	14.4	12.1	18.1

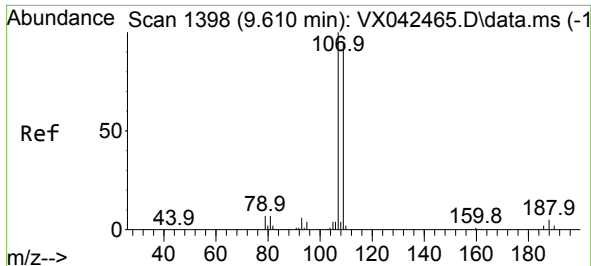


#49
Dibromochloromethane
Concen: 56.261 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

Tgt Ion: 129 Resp: 81318

Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.7	99.7

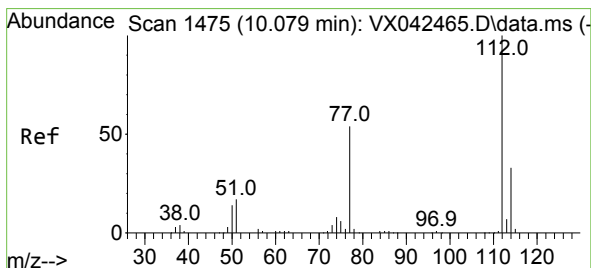
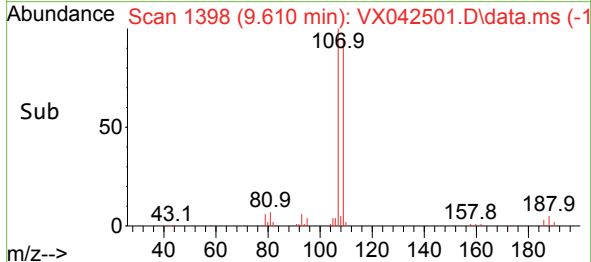
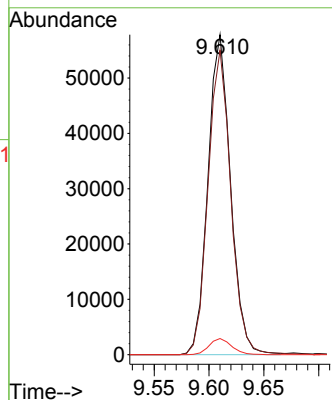
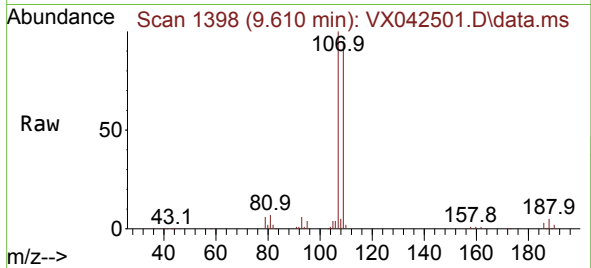




#50
1,2-Dibromoethane
Concen: 54.481 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

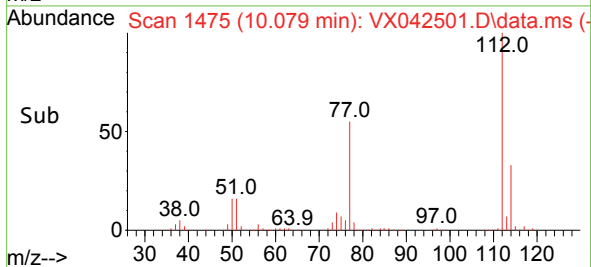
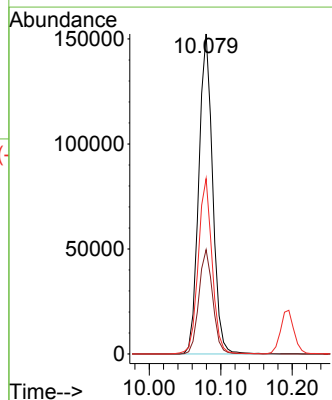
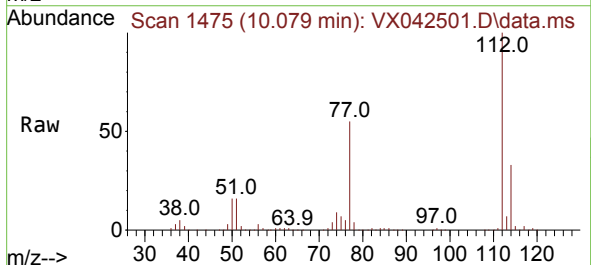
Instrument :
MSVOA_X
ClientSampleId :

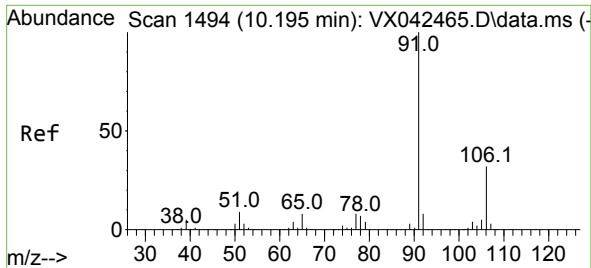
Tgt Ion:107 Resp: 83041
Ion Ratio Lower Upper
107 100
109 95.1 67.5 125.3
188 5.1 4.2 6.2



#51
Chlorobenzene
Concen: 54.023 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

Tgt Ion:112 Resp: 204553
Ion Ratio Lower Upper
112 100
114 32.6 23.2 43.2
77 54.8 43.0 64.4

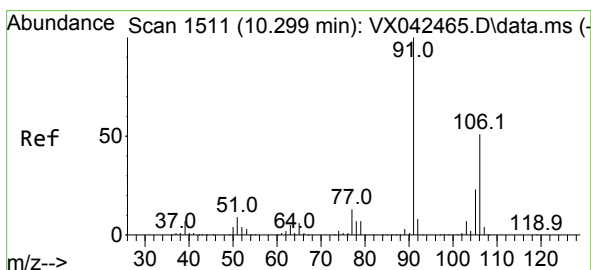
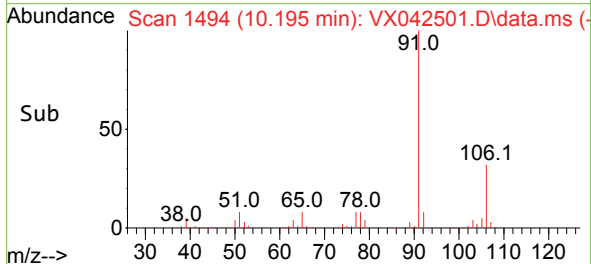
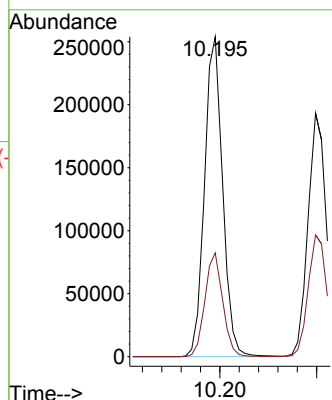
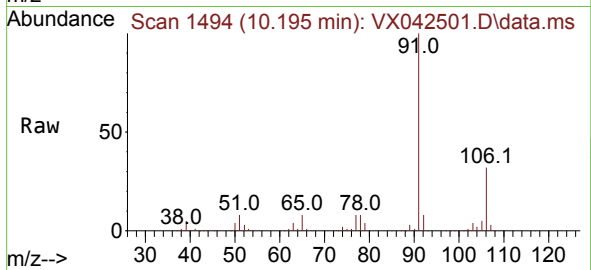




#52
Ethylbenzene
Concen: 55.204 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

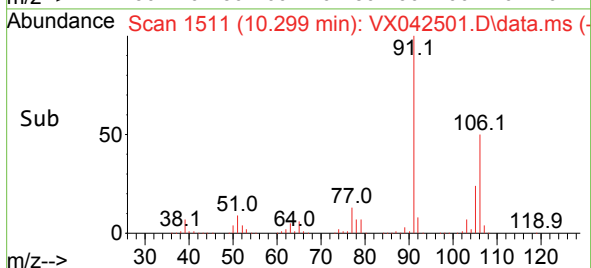
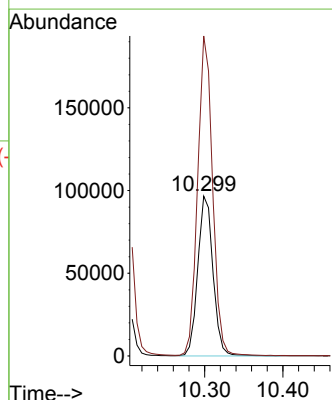
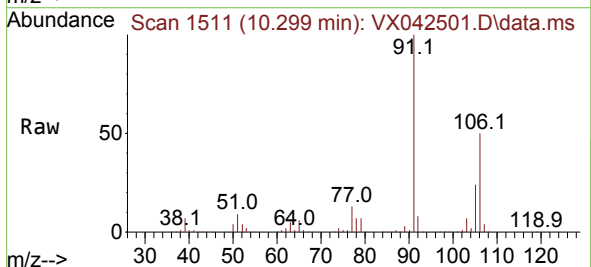
Instrument :
MSVOA_X
ClientSampleId :

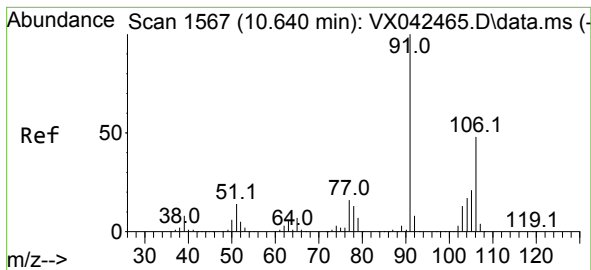
Tgt Ion: 91 Resp: 330901
Ion Ratio Lower Upper
91 100
106 32.5 23.1 42.9



#53
m,p-Xylene
Concen: 54.195 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

Tgt Ion: 106 Resp: 130757
Ion Ratio Lower Upper
106 100
91 200.2 136.4 253.2

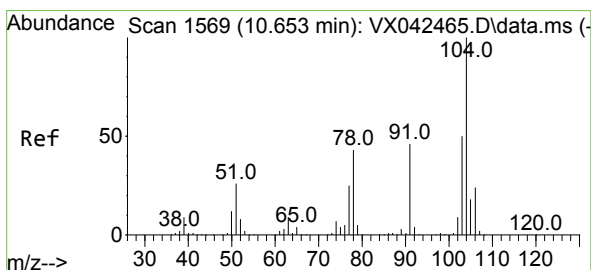
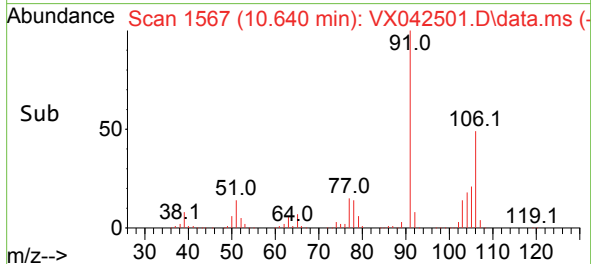
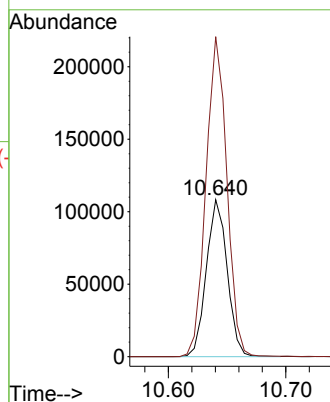
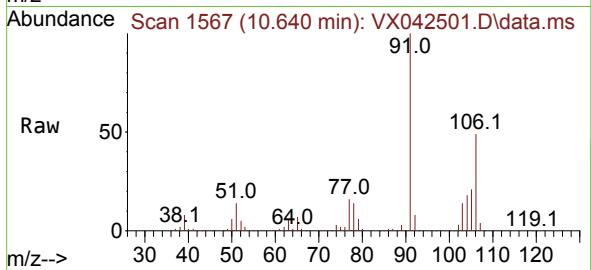




#54
o-Xylene
Concen: 55.330 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

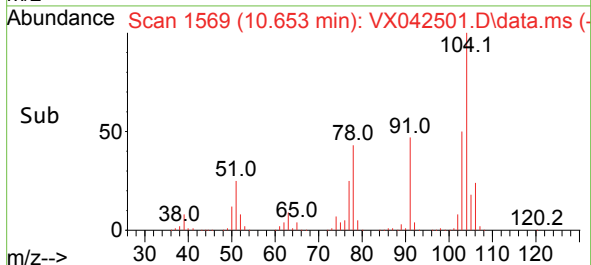
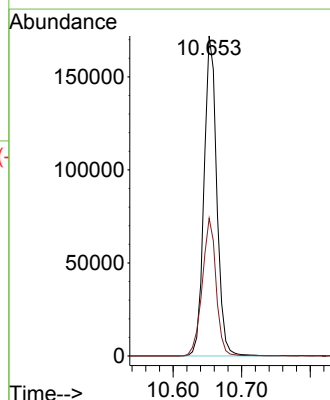
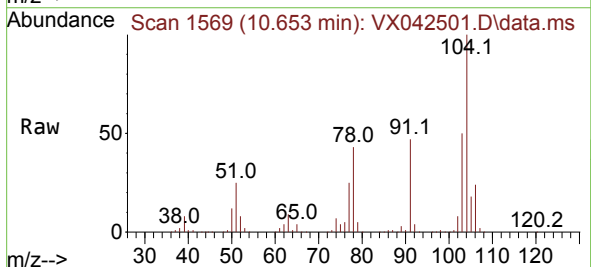
Instrument :
MSVOA_X
ClientSampleId :

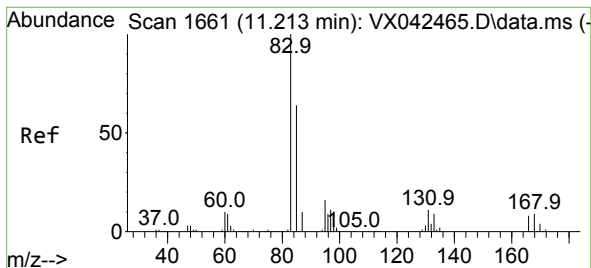
Tgt Ion:106 Resp: 133347
Ion Ratio Lower Upper
106 100
91 203.8 143.4 266.2



#55
Styrene
Concen: 55.556 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

Tgt Ion:104 Resp: 223099
Ion Ratio Lower Upper
104 100
78 43.1 29.5 54.9

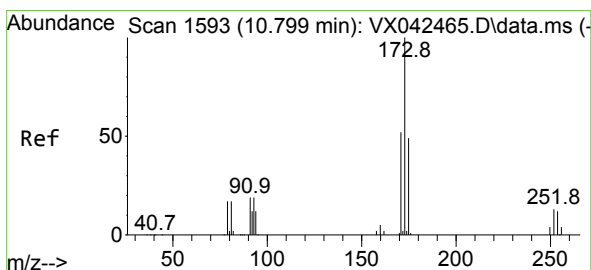
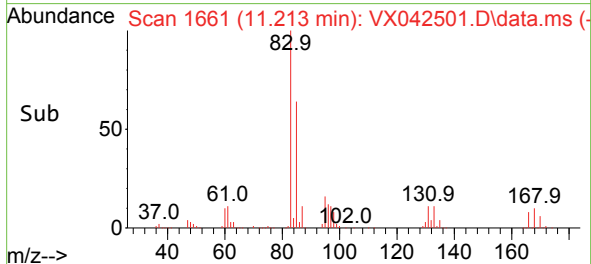
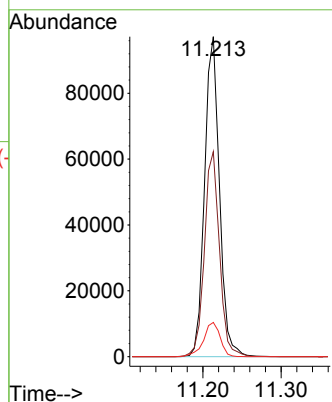
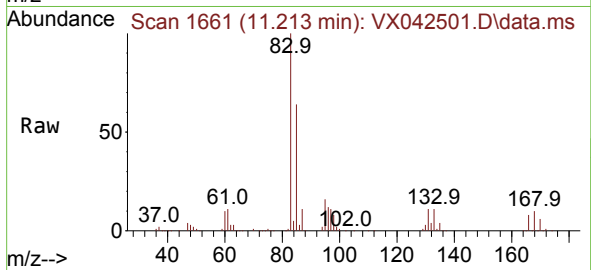




#57
 1,1,2,2-Tetrachloroethane
 Concen: 56.098 ug/L
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VX042501.D
 Acq: 24 Jul 2024 02:54

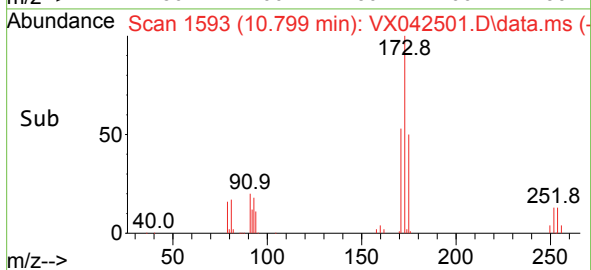
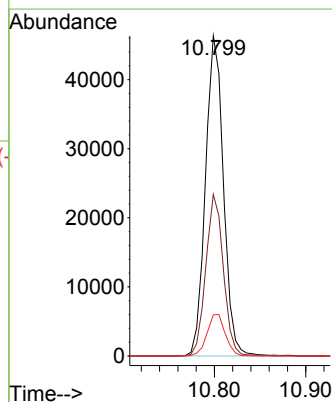
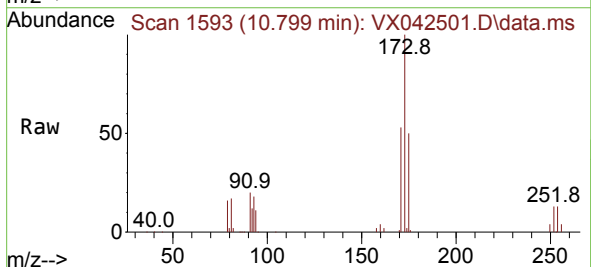
Instrument :
 MSVOA_X
 ClientSampleId :

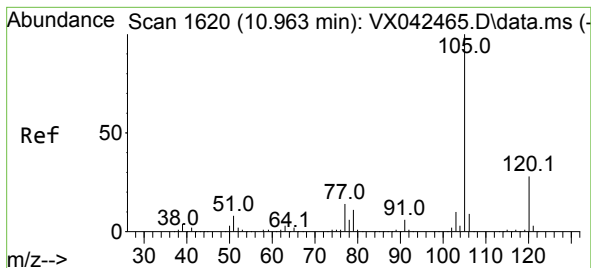
Tgt Ion: 83 Resp: 127781
 Ion Ratio Lower Upper
 83 100
 85 64.1 45.1 83.7
 131 10.7 9.0 13.4



#59
 Bromoform
 Concen: 50.189 ug/L
 RT: 10.799 min Scan# 1593
 Delta R.T. -0.000 min
 Lab File: VX042501.D
 Acq: 24 Jul 2024 02:54

Tgt Ion: 173 Resp: 63240
 Ion Ratio Lower Upper
 173 100
 175 49.2 39.5 59.3
 254 13.2 10.6 15.8





#60

Isopropylbenzene

Concen: 52.595 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Instrument :

MSVOA_X

ClientSampleId :

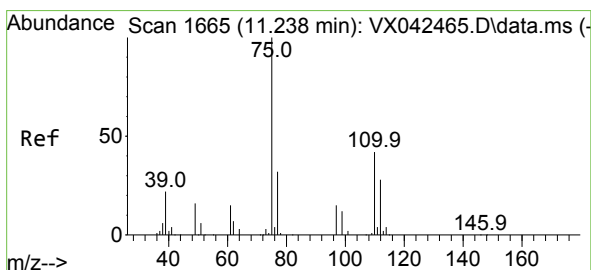
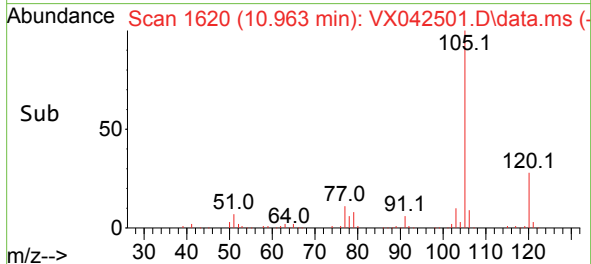
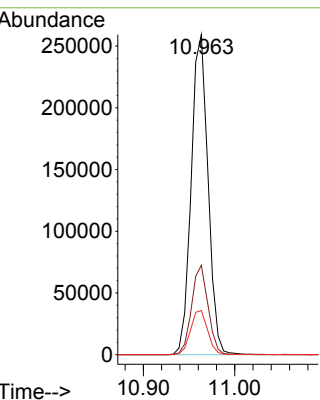
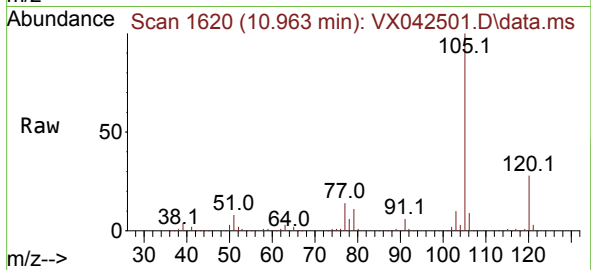
Tgt Ion:105 Resp: 331020

Ion Ratio Lower Upper

105 100

120 27.3 22.0 33.0

77 14.1 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 54.870 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

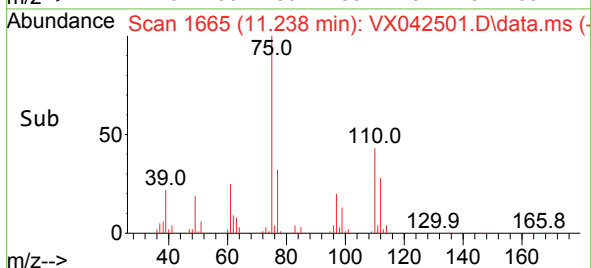
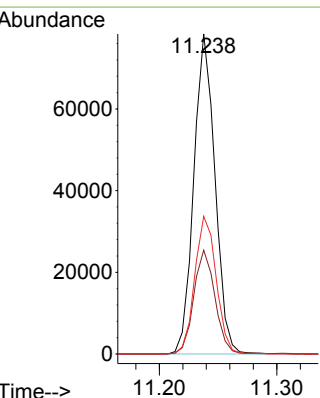
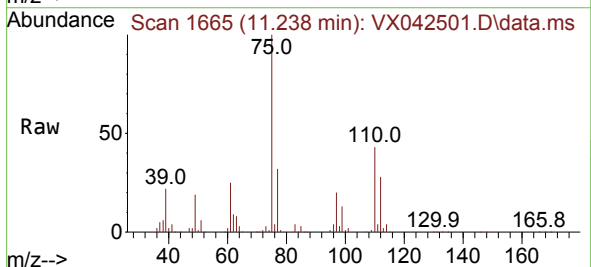
Tgt Ion: 75 Resp: 97944

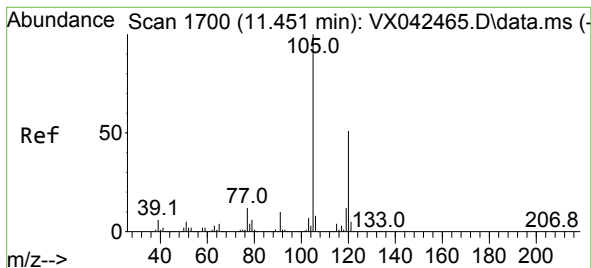
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8

110 43.6 35.4 53.0





#62

1,3,5-Trimethylbenzene

Concen: 55.524 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Instrument :

MSVOA_X

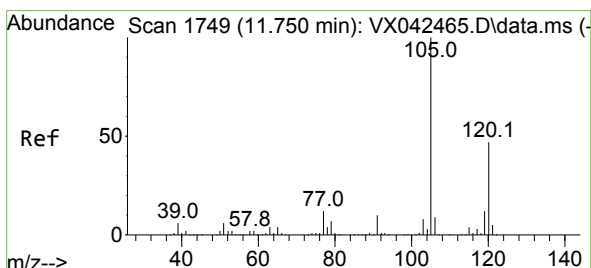
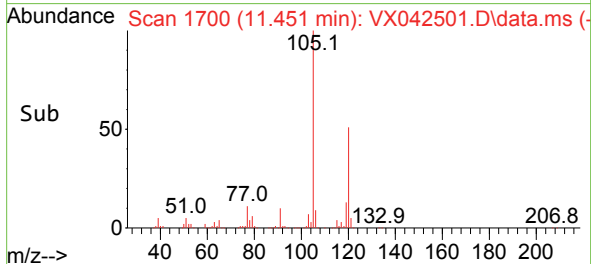
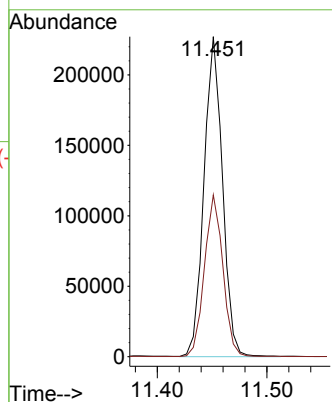
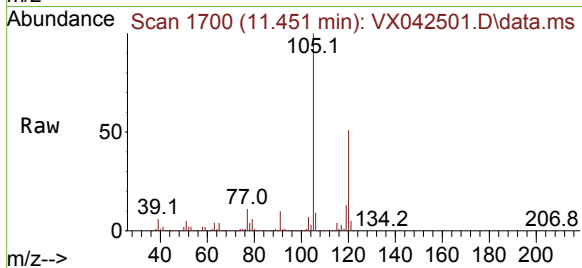
ClientSampleId :

Tgt Ion:105 Resp: 265727

Ion Ratio Lower Upper

105 100

120 50.4 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 56.142 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042501.D

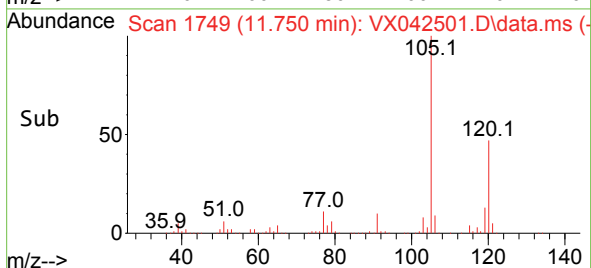
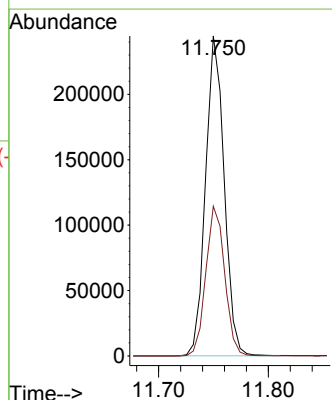
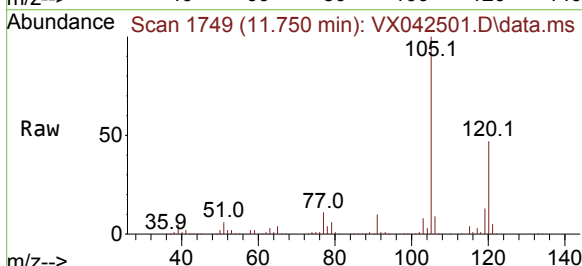
Acq: 24 Jul 2024 02:54

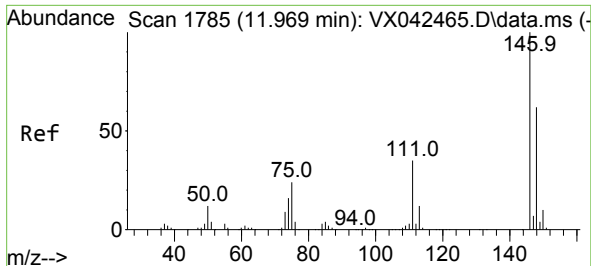
Tgt Ion:105 Resp: 287950

Ion Ratio Lower Upper

105 100

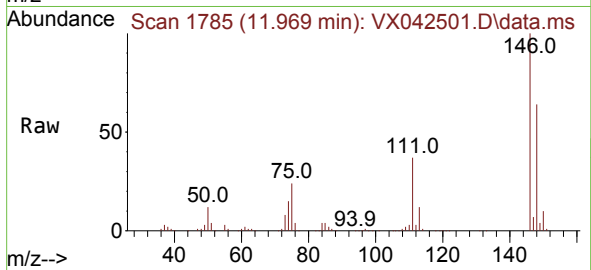
120 47.6 38.4 57.6



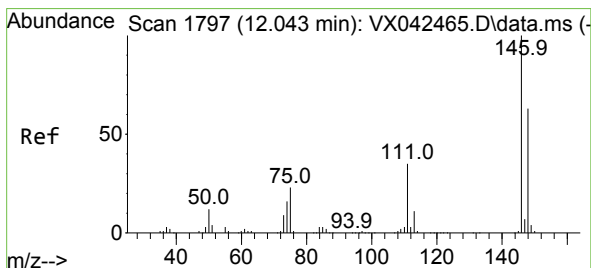
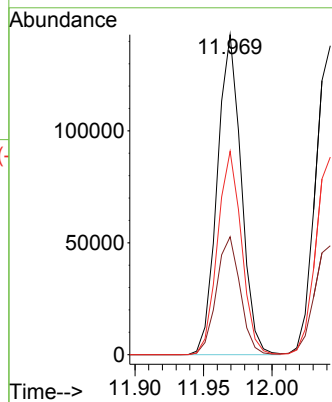
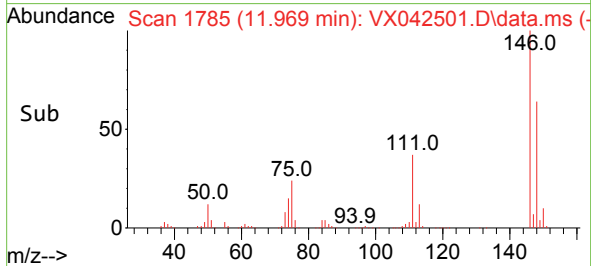


#64
1,3-Dichlorobenzene
Concen: 55.050 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54

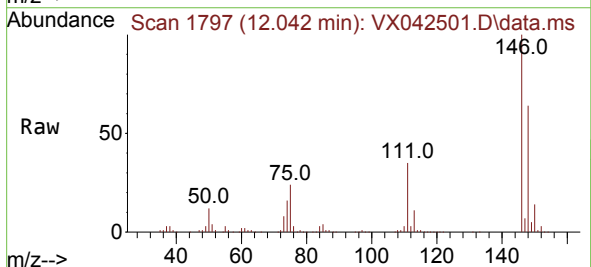
Instrument :
MSVOA_X
ClientSampleId :



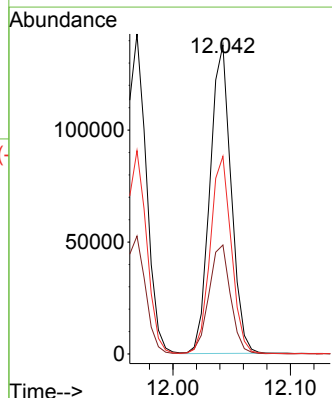
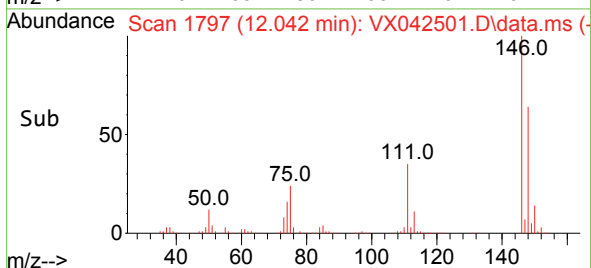
Tgt Ion:146 Resp: 173757
Ion Ratio Lower Upper
146 100
111 36.9 24.8 46.1
148 63.6 44.9 83.5

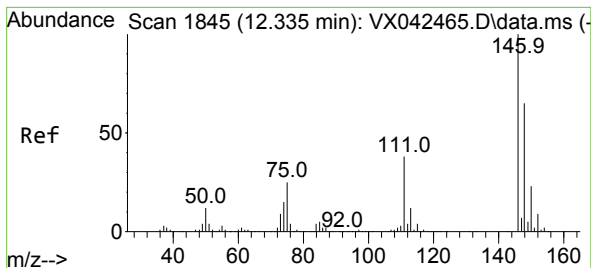


#65
1,4-Dichlorobenzene
Concen: 54.026 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX042501.D
Acq: 24 Jul 2024 02:54



Tgt Ion:146 Resp: 172495
Ion Ratio Lower Upper
146 100
111 35.3 23.9 44.3
148 64.0 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 54.385 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Instrument :

MSVOA_X

ClientSampleId :

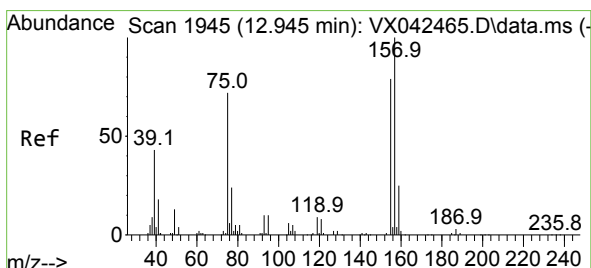
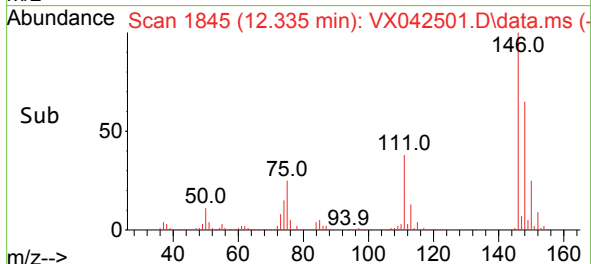
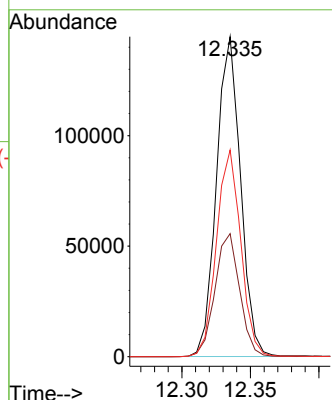
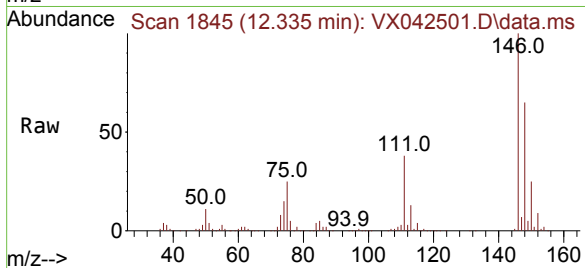
Tgt Ion:146 Resp: 176704

Ion Ratio Lower Upper

146 100

111 38.4 30.2 45.2

148 64.6 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 56.810 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

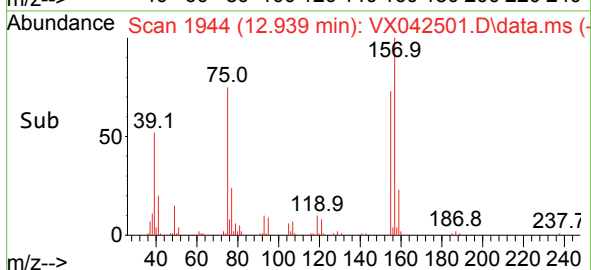
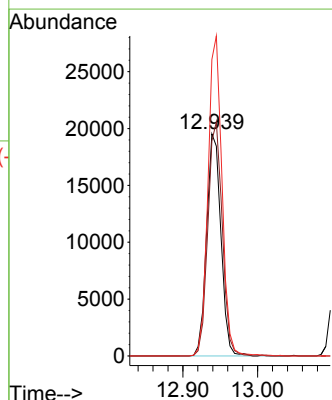
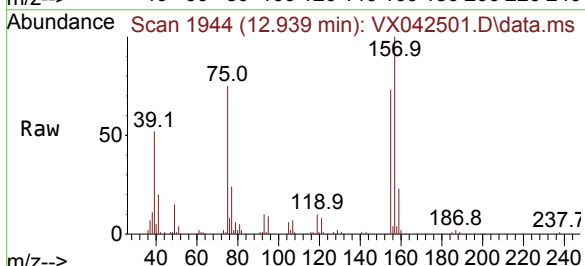
Tgt Ion: 75 Resp: 25959

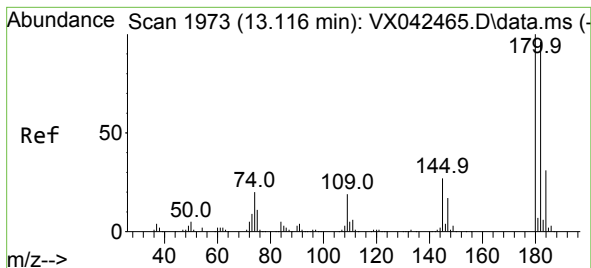
Ion Ratio Lower Upper

75 100

155 96.8 90.4 135.6

157 133.5 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 56.502 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 129578

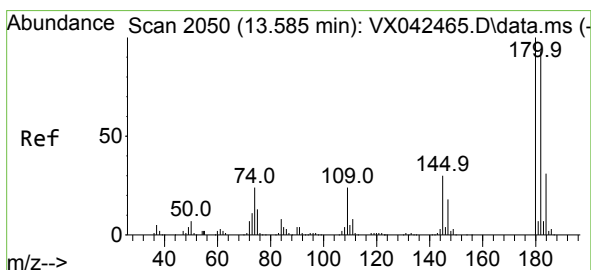
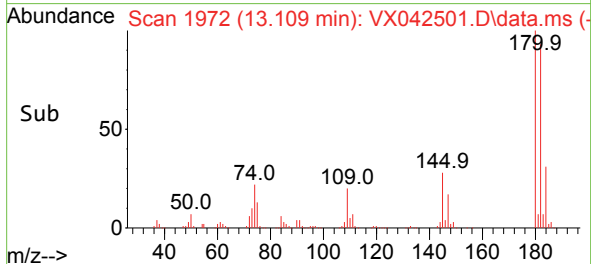
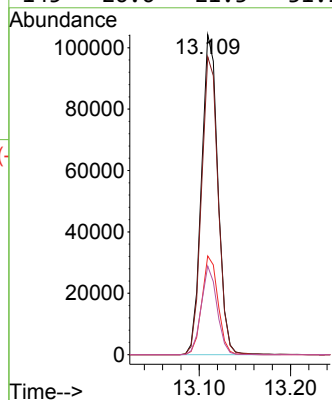
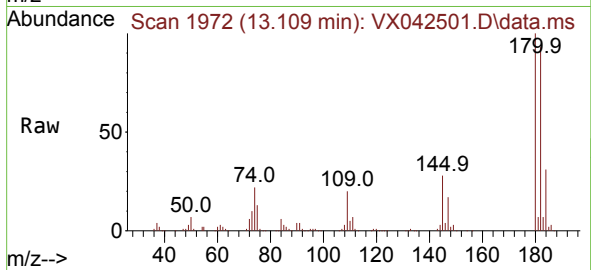
Ion Ratio Lower Upper

180 100

182 94.2 77.0 115.6

184 30.4 24.7 37.1

145 26.6 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 55.871 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

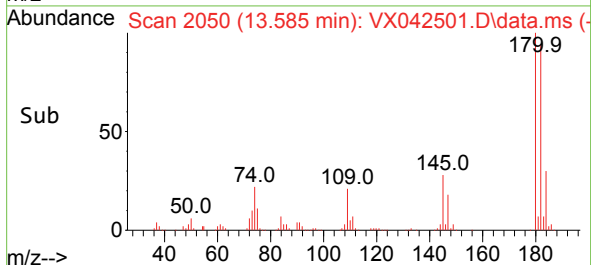
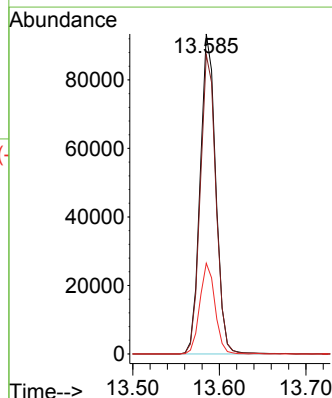
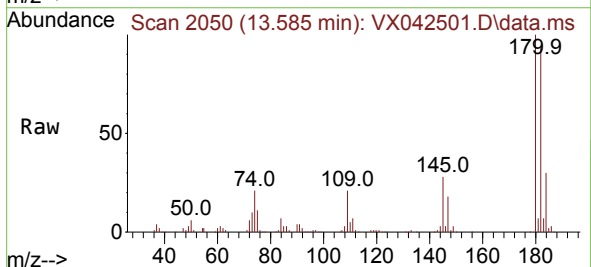
Tgt Ion:180 Resp: 116542

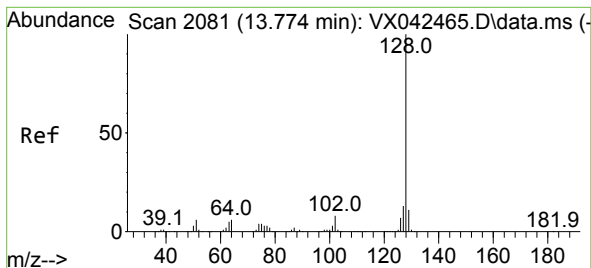
Ion Ratio Lower Upper

180 100

182 94.4 77.8 116.6

145 27.6 21.8 32.8





#71

Naphthalene

Concen: 56.968 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

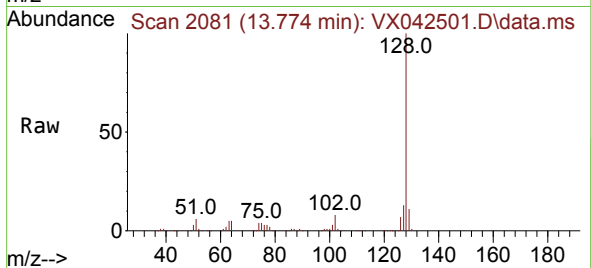
Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Instrument :

MSVOA_X

ClientSampleId :



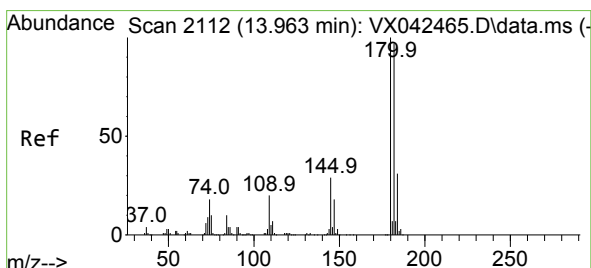
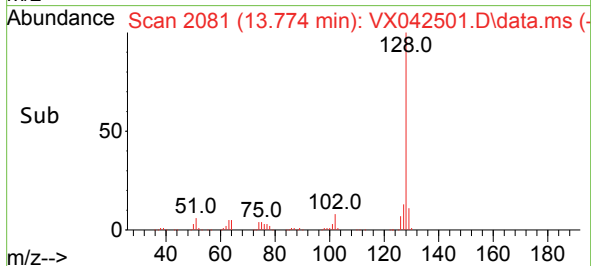
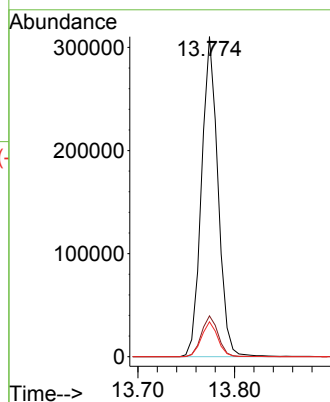
Tgt Ion:128 Resp: 367344

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 56.132 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX042501.D

Acq: 24 Jul 2024 02:54

Tgt Ion:180 Resp: 123725

Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.4

145 29.6 23.0 34.6

