

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042491.D
 Acq On : 23 Jul 2024 22:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:54:59 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	206305	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	185521	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97670	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	60069	50.023	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.040%	
7) Chloroethane-d5	1.648	69	39707	52.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 105.040%	
11) 1,1-Dichloroethene-d2	2.300	65	29778	56.661	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 113.320%	
21) 2-Butanone-d5	4.464	46	104204	120.417	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 120.420%	
24) Chloroform-d	5.056	84	141412	58.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 117.140%	
26) 1,2-Dichloroethane-d4	5.952	65	85816	60.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 120.440%	
32) Benzene-d6	5.970	84	280680	58.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 117.060%	
36) 1,2-Dichloropropane-d6	7.305	67	85958	59.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 119.120%	
41) Toluene-d8	8.646	98	263968	59.071	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 118.140%	
43) trans-1,3-Dichloroprop...	8.951	79	37415	59.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 119.980%	
47) 2-Hexanone-d5	9.384	63	79380	121.182	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 121.180%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	122480	57.408	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 114.820%	
66) 1,2-Dichlorobenzene-d4	12.323	152	109456	57.698	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 115.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72563	49.173	ug/L	100
3) Chloromethane	1.300	50	64938	43.546	ug/L	96
5) Vinyl chloride	1.373	62	67734	46.180	ug/L	98
6) Bromomethane	1.599	94	36907	46.179	ug/L	96
8) Chloroethane	1.666	64	36795	50.329	ug/L	99
9) Trichlorofluoromethane	1.873	101	110722	58.002	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	74214	56.413	ug/L	98
12) 1,1-Dichloroethene	2.312	96	65802	52.806	ug/L	89
13) Acetone	2.391	43	73153	123.917	ug/L	99
14) Carbon disulfide	2.507	76	129372	41.732	ug/L	98
15) Methyl Acetate	2.708	43	88995	59.333	ug/L	100
16) Methylene chloride	2.788	84	76410	49.700	ug/L	98
17) trans-1,2-Dichloroethene	3.086	96	68424	53.387	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	249718	59.582	ug/L	99
19) 1,1-Dichloroethane	3.605	63	134232	58.323	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	88460	58.749	ug/L	100
22) 2-Butanone	4.568	43	120952	122.400	ug/L	98
23) Bromochloromethane	4.903	128	44573	55.391	ug/L	97
25) Chloroform	5.092	83	143571	59.496	ug/L	99

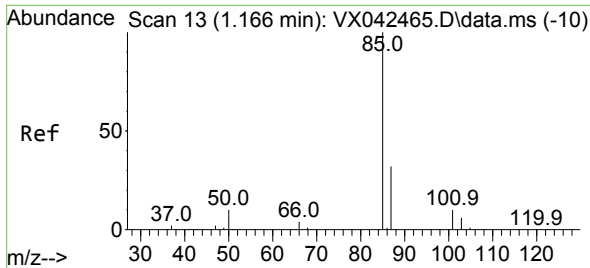
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 03:44:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	107405	60.059	ug/L	97
29) Cyclohexane	5.470	56	107830	53.781	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	125317	62.044	ug/L	100
31) Carbon tetrachloride	5.677	117	109063	61.817	ug/L	99
33) Benzene	6.037	78	298730	57.582	ug/L	100
34) Trichloroethene	7.122	95	83523	61.462	ug/L	97
35) Methylcyclohexane	7.378	83	114381	55.511	ug/L	99
37) 1,2-Dichloropropane	7.427	63	79162	59.470	ug/L	100
38) Bromodichloromethane	7.823	83	101469	62.249	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	116646	59.513	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	238614	125.676	ug/L	98
42) Toluene	8.720	91	323447	58.429	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	108360	61.663	ug/L	100
45) 1,1,2-Trichloroethane	9.152	97	86850	60.978	ug/L	98
46) Tetrachloroethene	9.274	164	73509	57.789	ug/L	98
48) 2-Hexanone	9.433	43	182569	122.447	ug/L	99
49) Dibromochloromethane	9.524	129	90389	62.313	ug/L	100
50) 1,2-Dibromoethane	9.610	107	91299	59.686	ug/L	97
51) Chlorobenzene	10.079	112	218397	57.473	ug/L	99
52) Ethylbenzene	10.195	91	358434	59.584	ug/L	99
53) m,p-Xylene	10.299	106	139972	57.808	ug/L	98
54) o-Xylene	10.640	106	139797	57.799	ug/L	97
55) Styrene	10.652	104	239160	59.343	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	133628	58.455	ug/L	98
59) Bromoform	10.798	173	74345	60.726	ug/L	100
60) Isopropylbenzene	10.963	105	370062	60.517	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	102476	59.087	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	275119	59.166	ug/L	100
63) 1,2,4-Trimethylbenzene	11.749	105	301599	60.522	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	180676	58.915	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	180427	58.162	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	184968	58.592	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.944	75	27736	62.473	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	131816	59.157	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	119949	59.185	ug/L	99
71) Naphthalene	13.774	128	382005	60.972	ug/L	100
72) 1,2,3-Trichlorobenzene	13.962	180	129069	60.268	ug/L	100

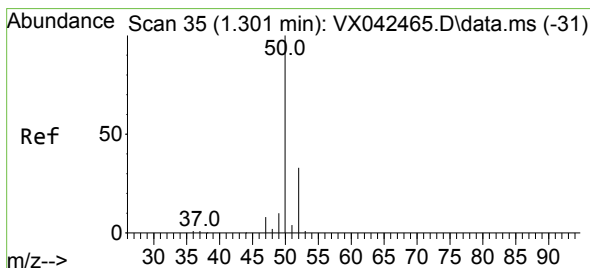
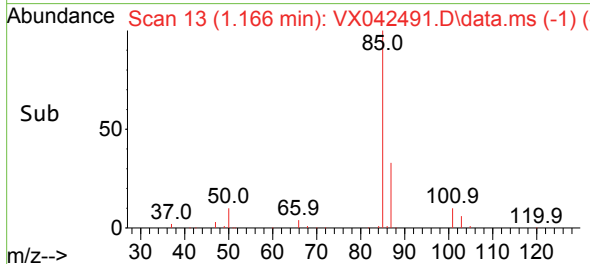
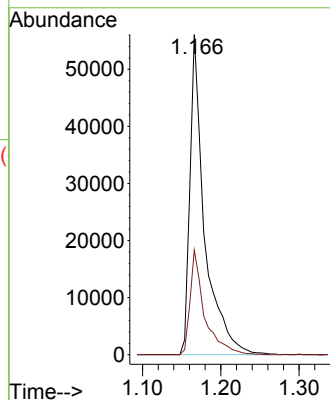
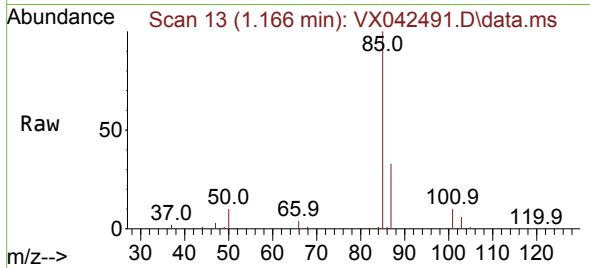
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#2
Dichlorodifluoromethane
Concen: 49.173 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

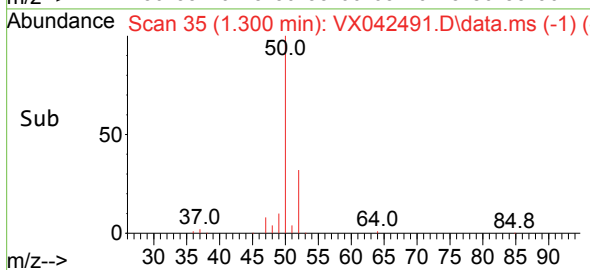
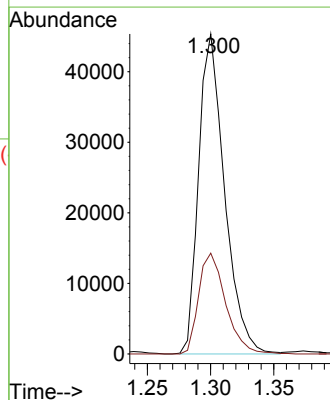
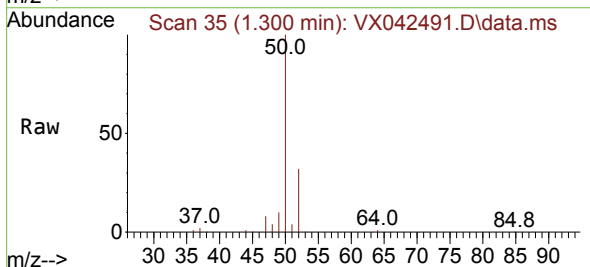
Instrument :
MSVOA_X
ClientSampleId :

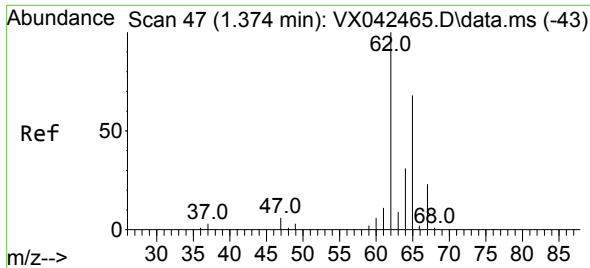
Tgt Ion: 85 Resp: 72563
Ion Ratio Lower Upper
85 100
87 32.4 26.0 39.0



#3
Chloromethane
Concen: 43.546 ug/L
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

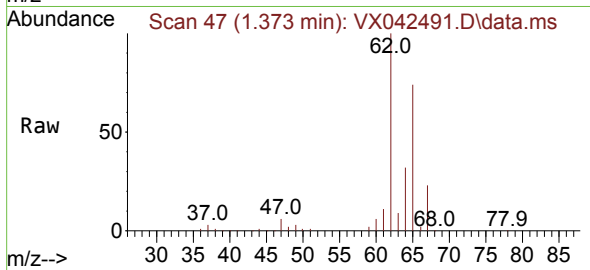
Tgt Ion: 50 Resp: 64938
Ion Ratio Lower Upper
50 100
52 31.5 23.5 43.7



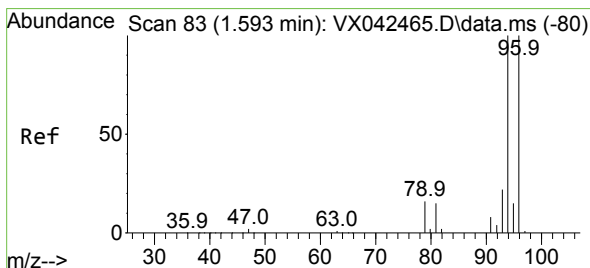
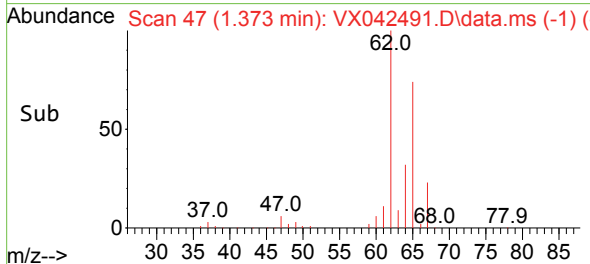
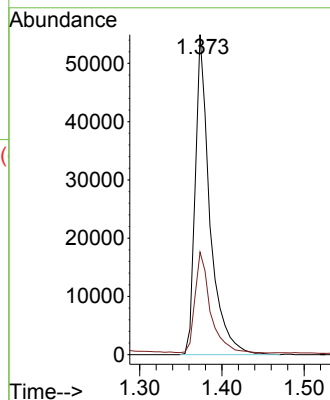


#5
Vinyl chloride
Concen: 46.180 ug/L
RT: 1.373 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Instrument :
MSVOA_X
ClientSampleId :

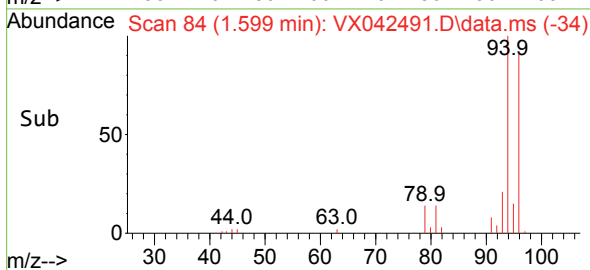
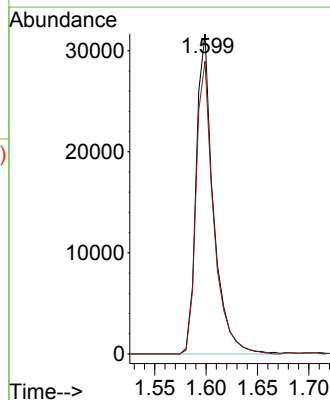
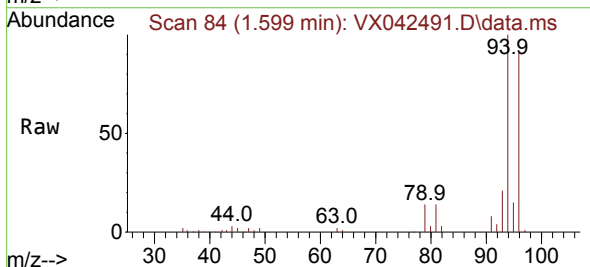


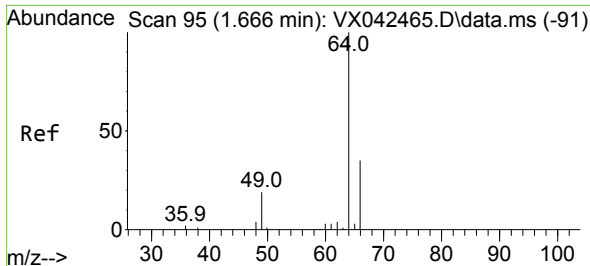
Tgt Ion: 62 Resp: 67734
Ion Ratio Lower Upper
62 100
64 32.0 23.2 43.0



#6
Bromomethane
Concen: 46.179 ug/L
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

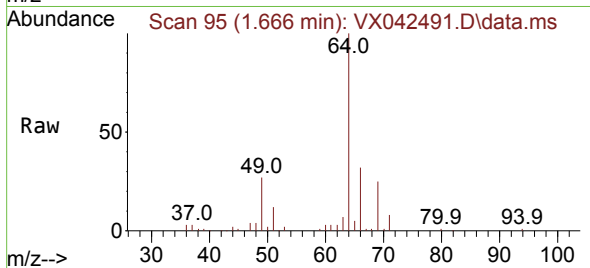
Tgt Ion: 94 Resp: 36907
Ion Ratio Lower Upper
94 100
96 91.5 66.4 123.4



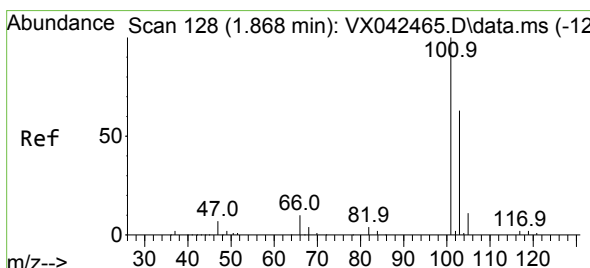
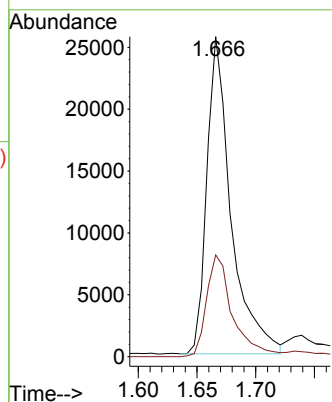
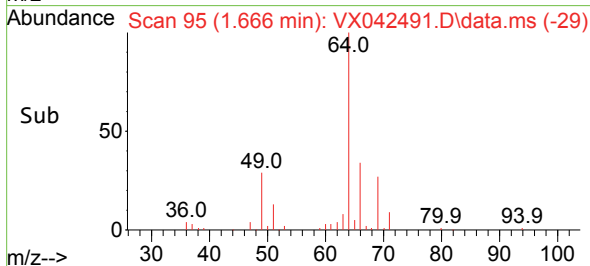


#8
Chloroethane
Concen: 50.329 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Instrument :
MSVOA_X
ClientSampleId :

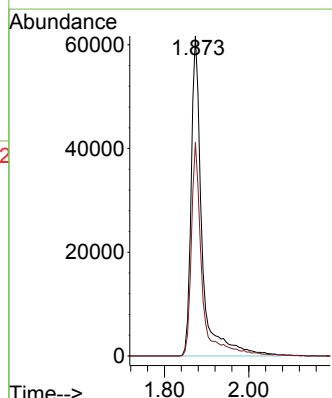
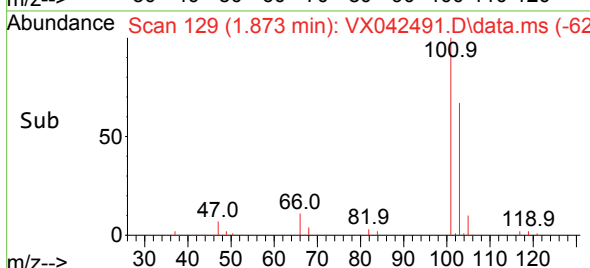
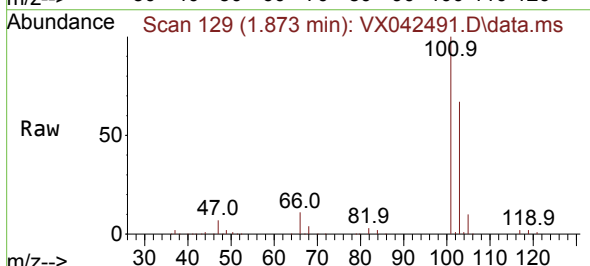


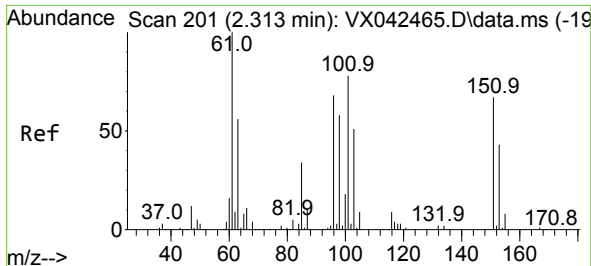
Tgt Ion: 64 Resp: 36795
Ion Ratio Lower Upper
64 100
66 31.8 22.5 41.7



#9
Trichlorofluoromethane
Concen: 58.002 ug/L
RT: 1.873 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Tgt Ion: 101 Resp: 110722
Ion Ratio Lower Upper
101 100
103 63.4 50.2 75.4

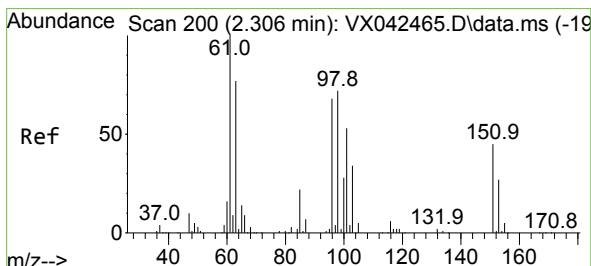
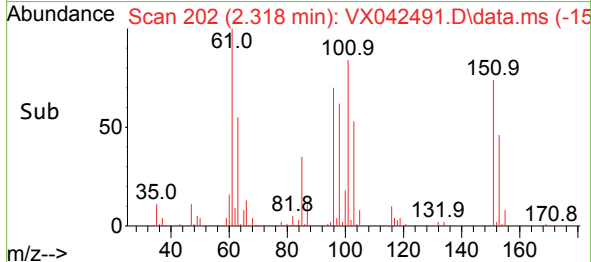
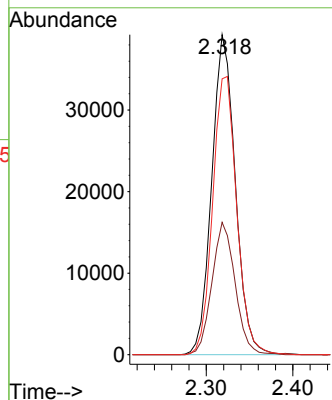
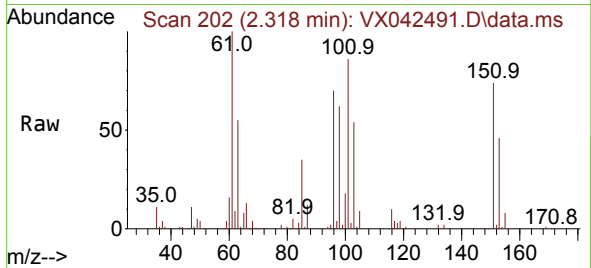




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 56.413 ug/L
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

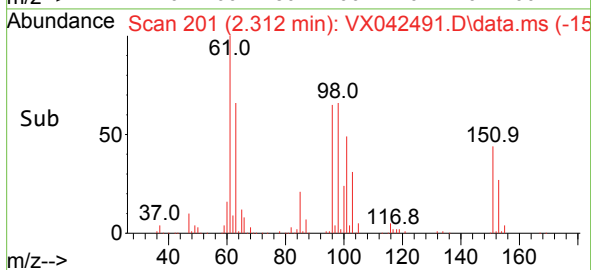
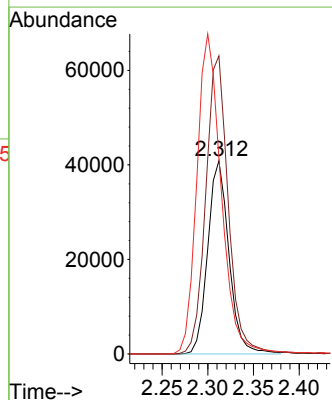
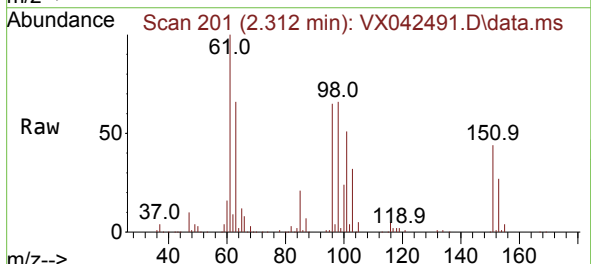
Instrument :
MSVOA_X
ClientSampleId :

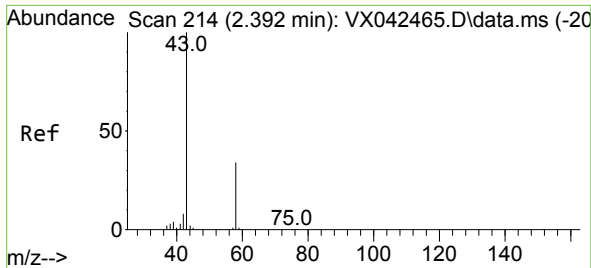
Tgt Ion:101 Resp: 74214
Ion Ratio Lower Upper
101 100
85 40.7 31.3 46.9
151 88.9 69.7 104.5



#12
1,1-Dichloroethene
Concen: 52.806 ug/L
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Tgt Ion: 96 Resp: 65802
Ion Ratio Lower Upper
96 100
61 154.4 106.7 198.1
63 101.5 89.2 165.6





#13

Acetone

Concen: 123.917 ug/L

RT: 2.391 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Instrument :

MSVOA_X

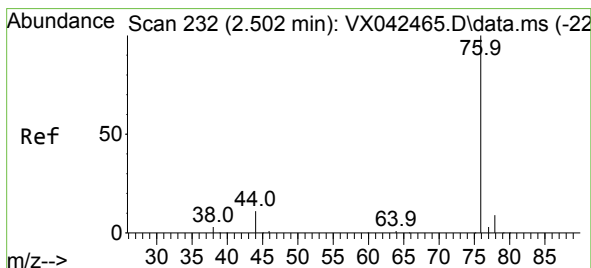
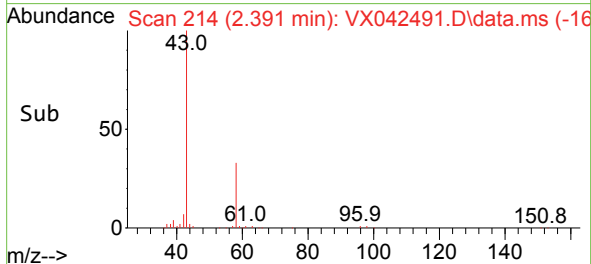
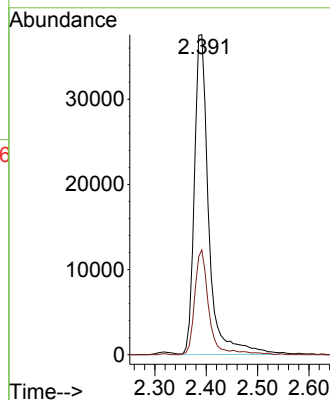
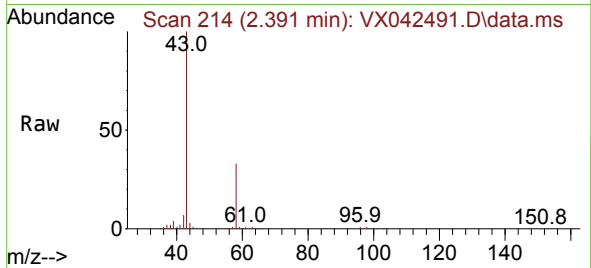
ClientSampleId :

Tgt Ion: 43 Resp: 73153

Ion Ratio Lower Upper

43 100

58 30.7 0.0 62.6



#14

Carbon disulfide

Concen: 41.732 ug/L

RT: 2.507 min Scan# 233

Delta R.T. 0.006 min

Lab File: VX042491.D

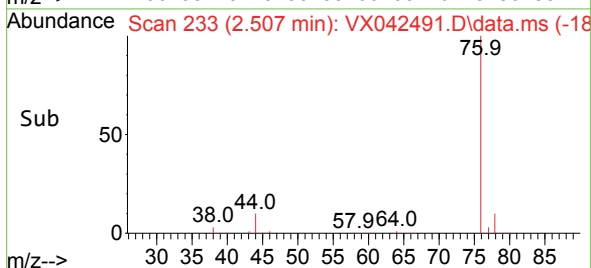
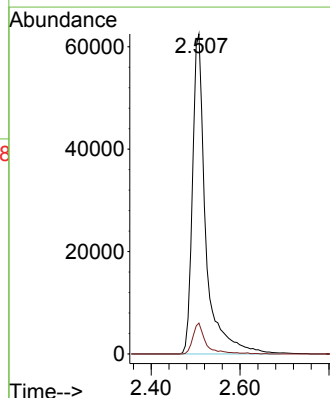
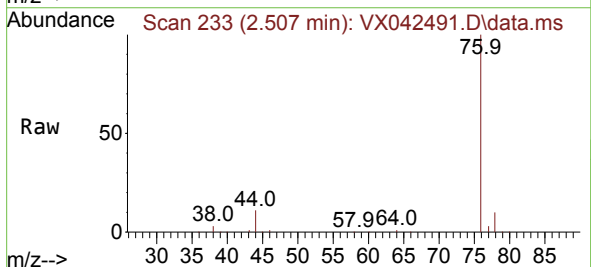
Acq: 23 Jul 2024 22:40

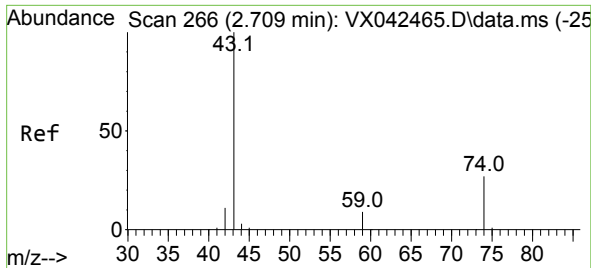
Tgt Ion: 76 Resp: 129372

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7

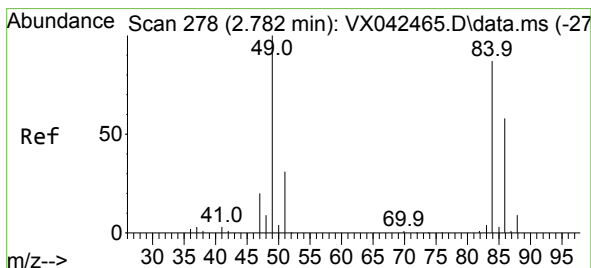
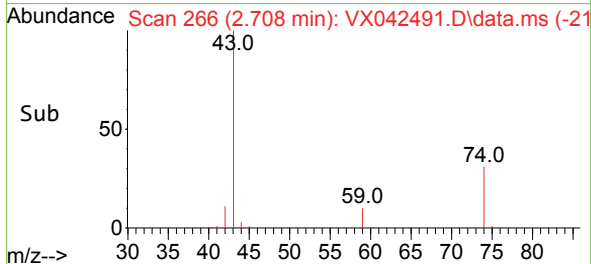
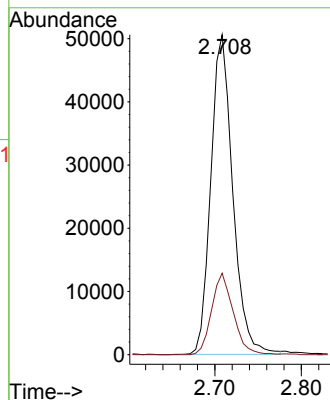
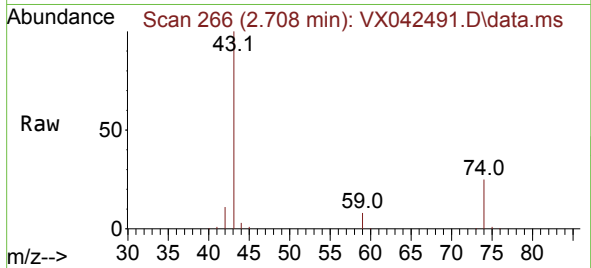




#15
Methyl Acetate
Concen: 59.333 ug/L
RT: 2.708 min Scan# 210
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

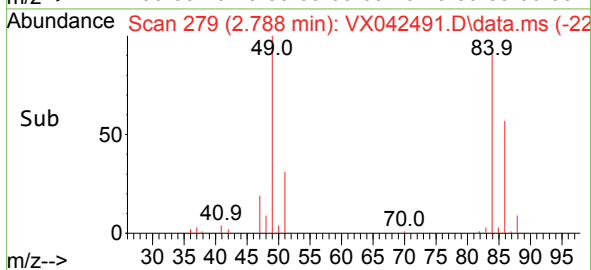
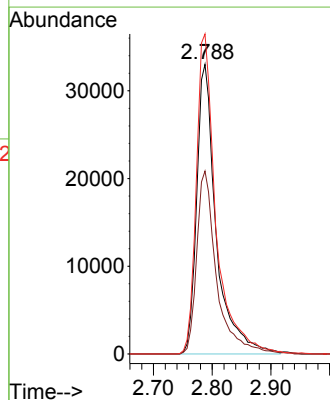
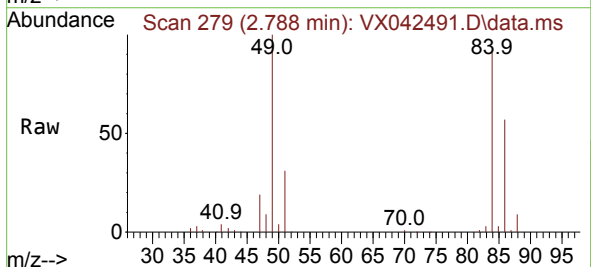
Instrument :
MSVOA_X
ClientSampleId :

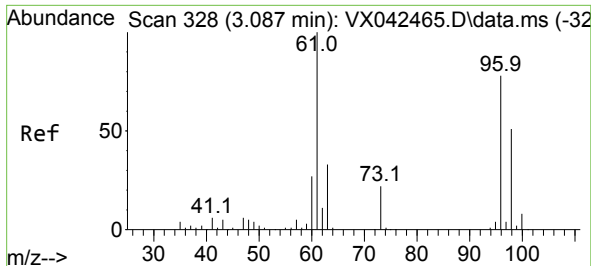
Tgt Ion: 43 Resp: 88995
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1



#16
Methylene chloride
Concen: 49.700 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

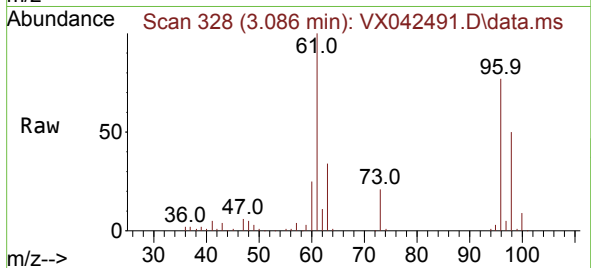
Tgt Ion: 84 Resp: 76410
Ion Ratio Lower Upper
84 100
86 63.2 45.7 84.9
49 110.5 76.4 141.8



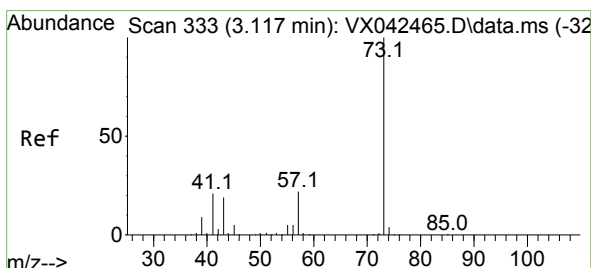
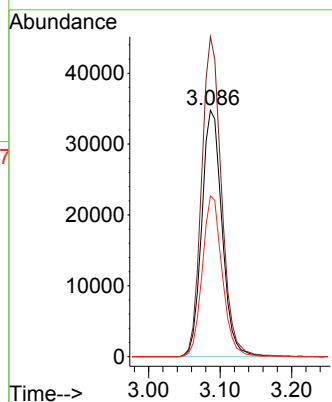
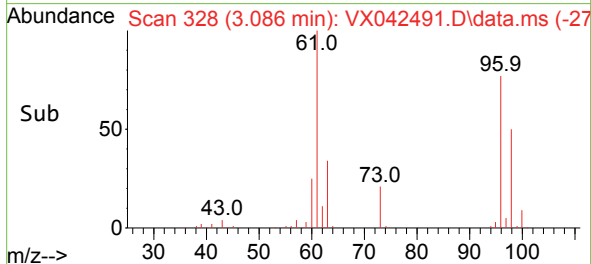


#17
trans-1,2-Dichloroethene
Concen: 53.387 ug/L
RT: 3.086 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Instrument :
MSVOA_X
ClientSampleId :

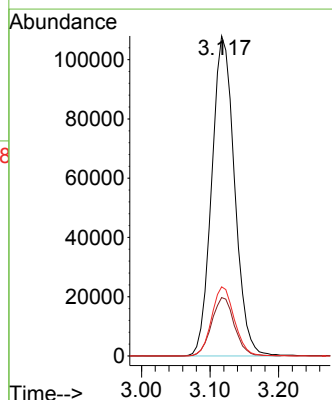
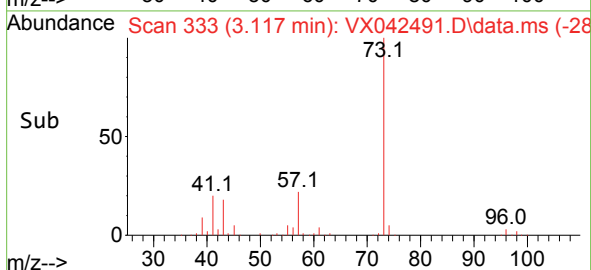
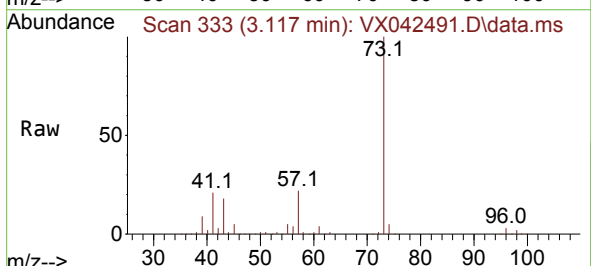


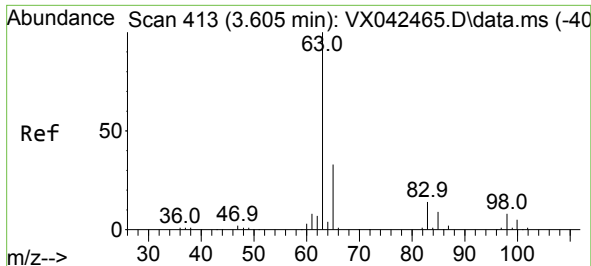
Tgt Ion: 96 Resp: 68424
Ion Ratio Lower Upper
96 100
61 129.9 88.4 164.2
98 65.2 46.5 86.5



#18
Methyl tert-butyl Ether
Concen: 59.582 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Tgt Ion: 73 Resp: 249718
Ion Ratio Lower Upper
73 100
43 18.3 14.5 21.7
57 21.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 58.323 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Instrument :

MSVOA_X

ClientSampleId :

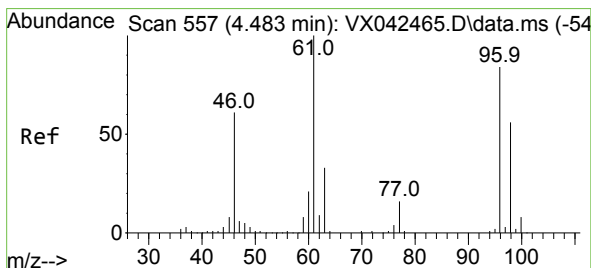
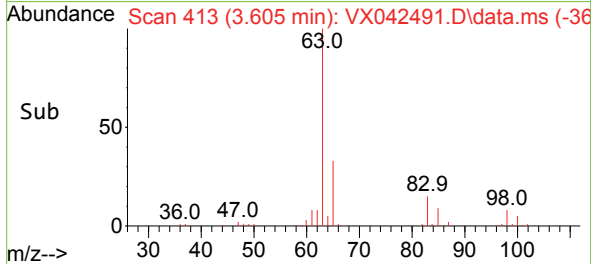
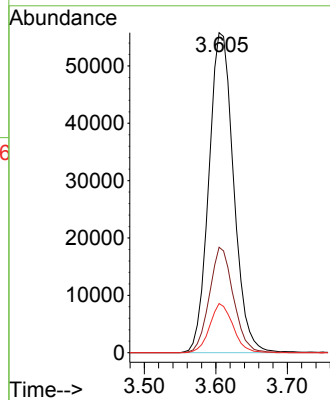
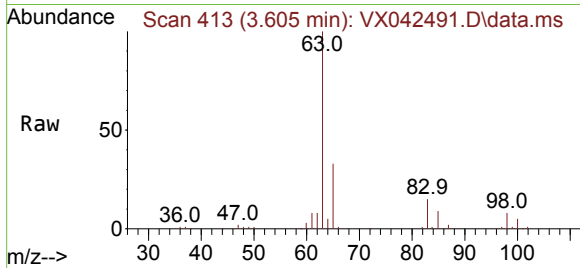
Tgt Ion: 63 Resp: 134232

Ion Ratio Lower Upper

63 100

65 32.9 22.2 41.2

83 15.3 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 58.749 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

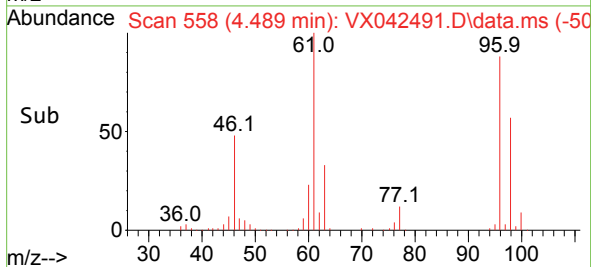
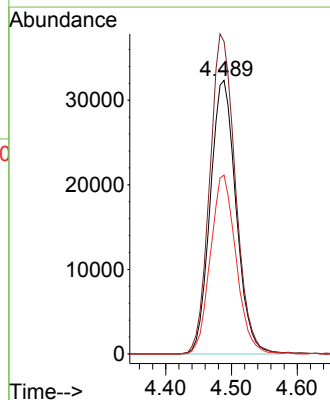
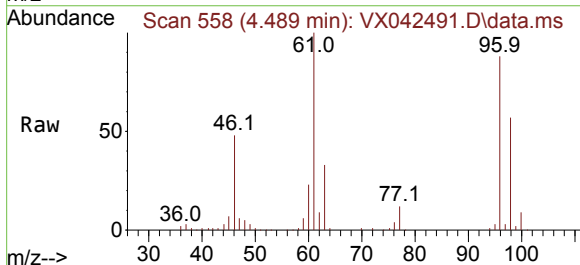
Tgt Ion: 96 Resp: 88460

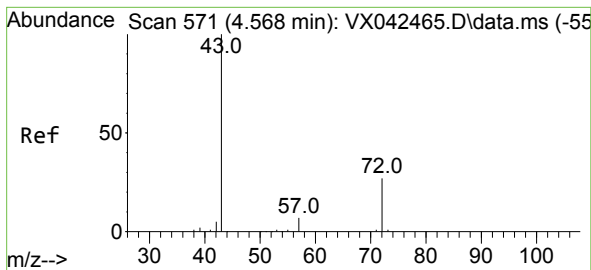
Ion Ratio Lower Upper

96 100

61 114.2 80.5 149.5

98 65.4 45.7 84.9





#22

2-Butanone

Concen: 122.400 ug/L

RT: 4.568 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Instrument :

MSVOA_X

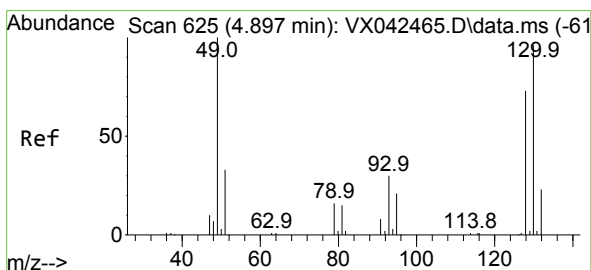
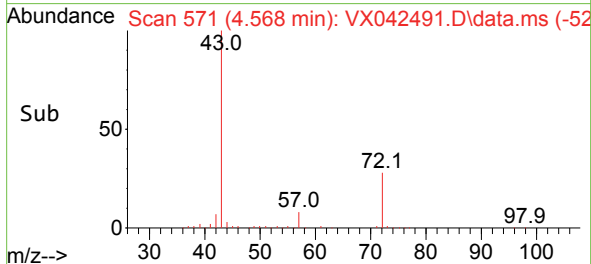
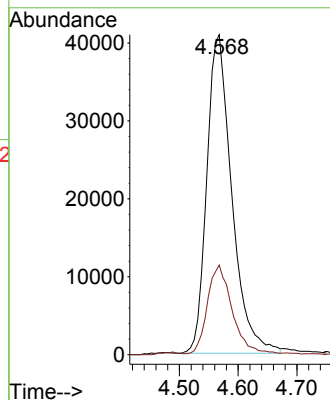
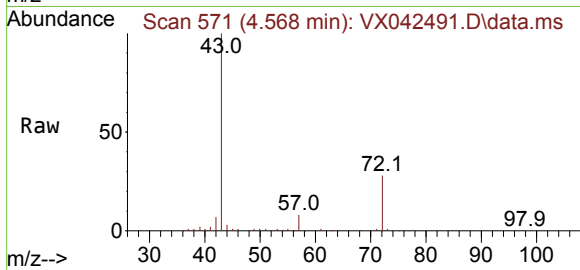
ClientSampleId :

Tgt Ion: 43 Resp: 120952

Ion Ratio Lower Upper

43 100

72 28.2 13.7 41.1



#23

Bromochloromethane

Concen: 55.391 ug/L

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Tgt Ion:128 Resp: 44573

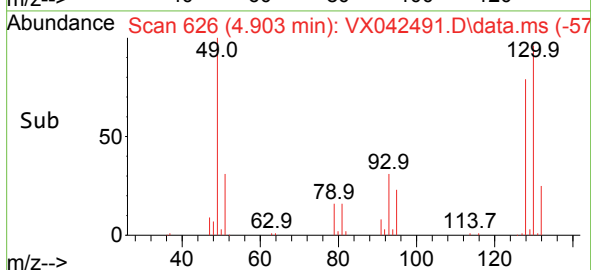
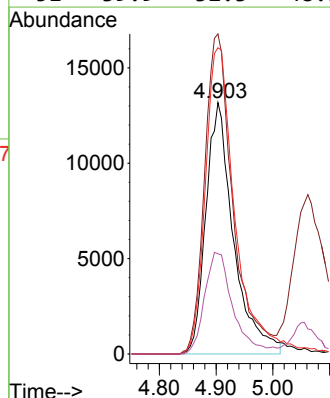
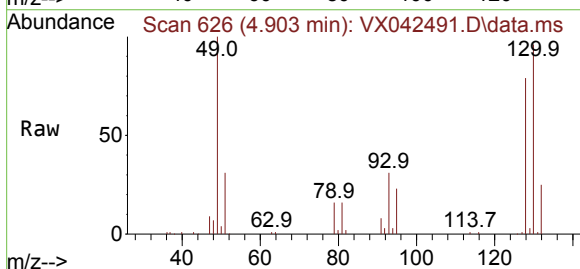
Ion Ratio Lower Upper

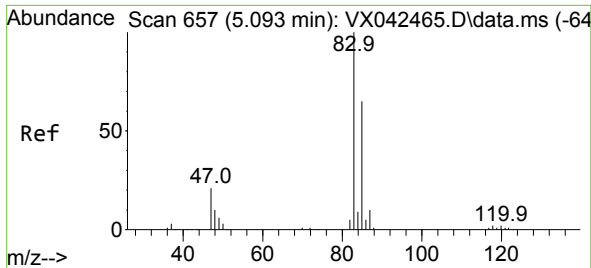
128 100

49 127.3 89.7 166.7

130 121.9 90.0 167.2

51 39.9 32.3 48.5

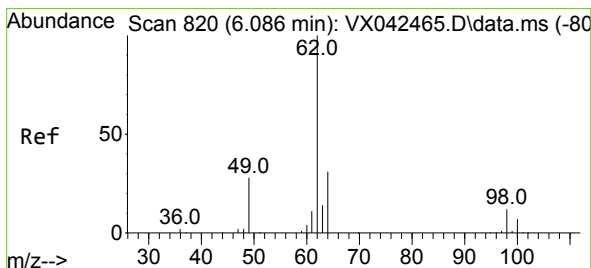
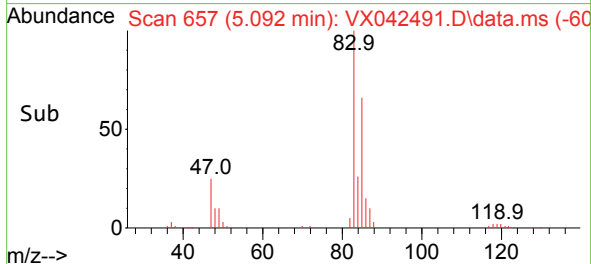
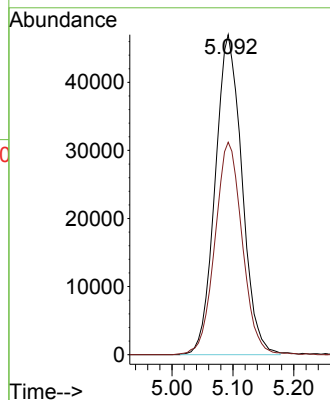
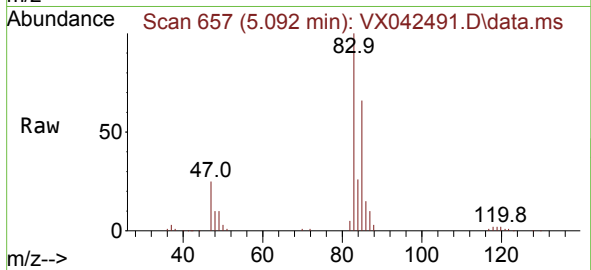




#25
Chloroform
Concen: 59.496 ug/L
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

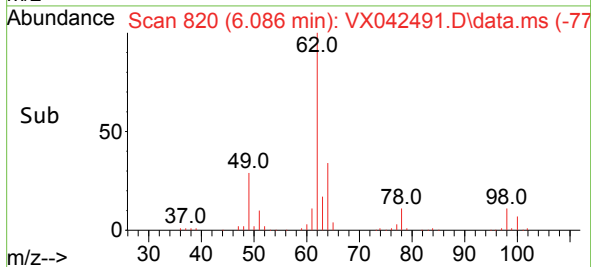
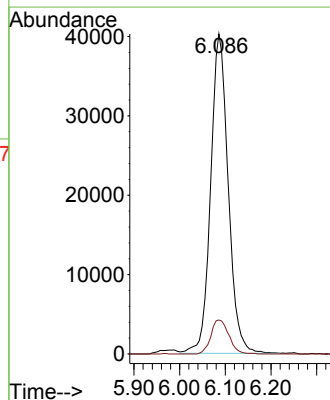
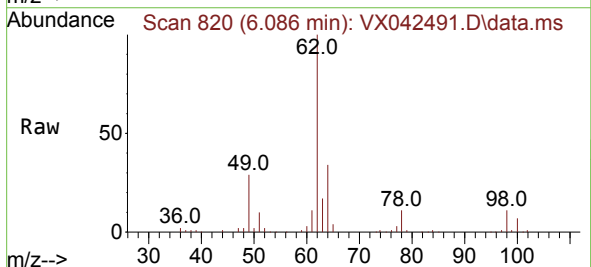
Instrument :
MSVOA_X
ClientSampleId :

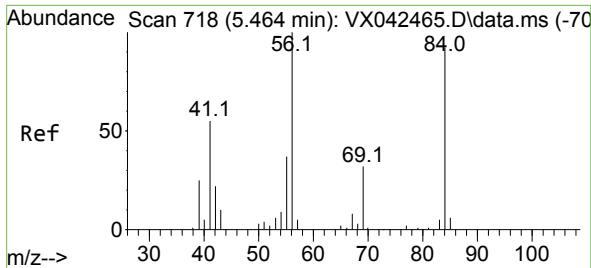
Tgt Ion: 83 Resp: 143571
Ion Ratio Lower Upper
83 100
85 66.4 45.8 85.2



#27
1,2-Dichloroethane
Concen: 60.059 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

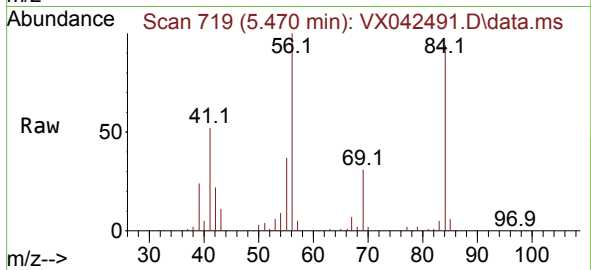
Tgt Ion: 62 Resp: 107405
Ion Ratio Lower Upper
62 100
98 10.6 9.3 13.9



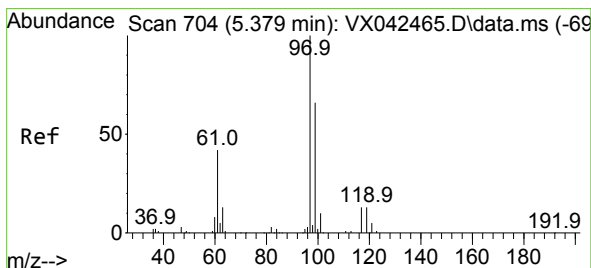
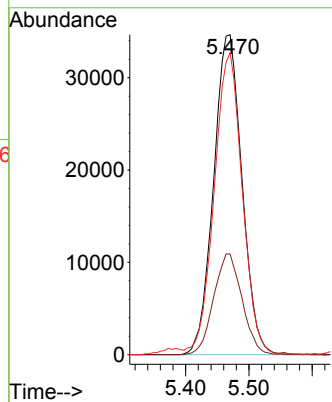
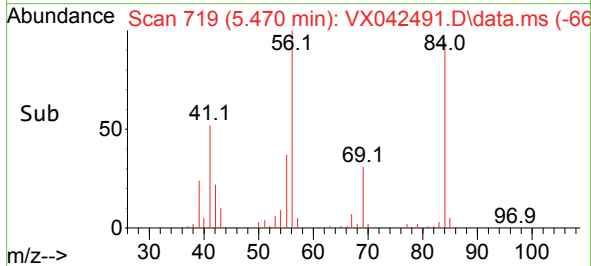


#29
Cyclohexane
Concen: 53.781 ug/L
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Instrument :
MSVOA_X
ClientSampleId :

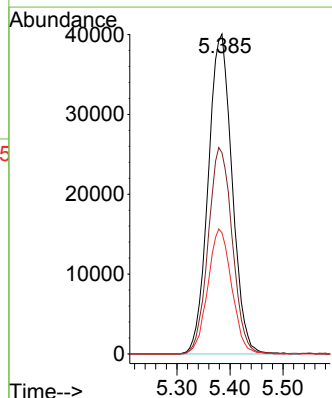
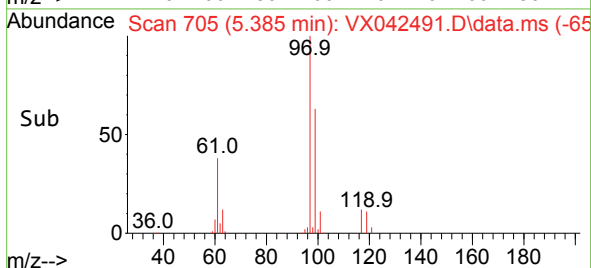
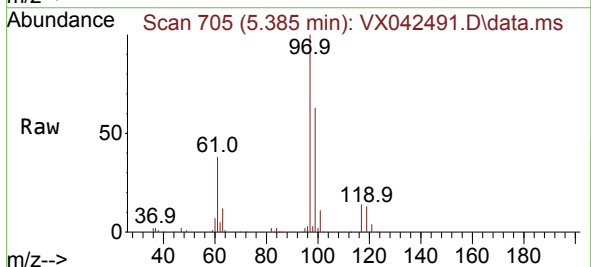


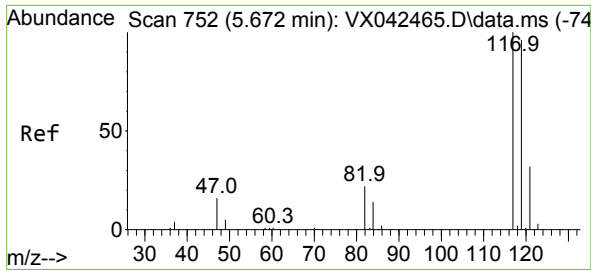
Tgt Ion: 56 Resp: 107830
Ion Ratio Lower Upper
56 100
69 31.4 25.3 37.9
84 93.2 74.0 111.0



#30
1,1,1-Trichloroethane
Concen: 62.044 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Tgt Ion: 97 Resp: 125317
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 39.0 31.2 46.8

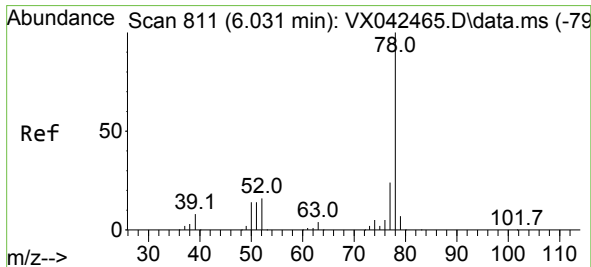
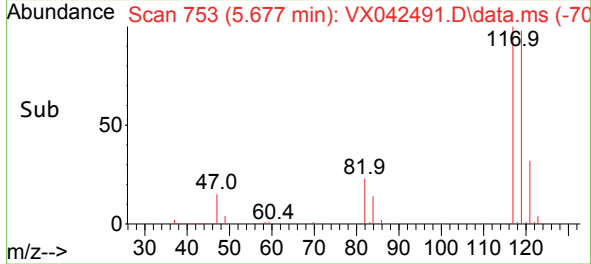
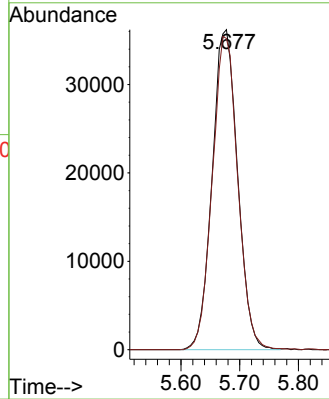
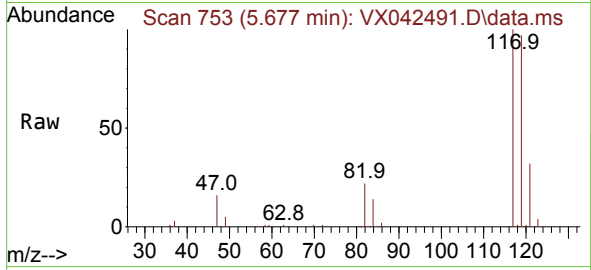




#31
Carbon tetrachloride
Concen: 61.817 ug/L
RT: 5.677 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

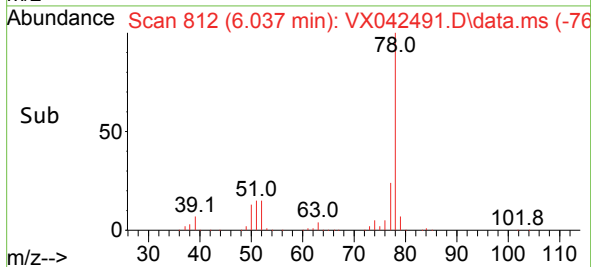
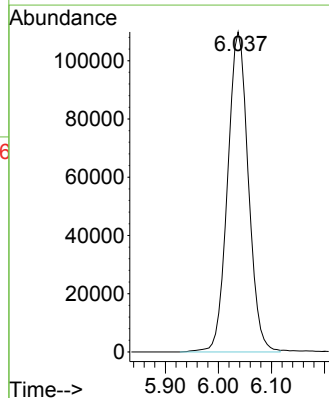
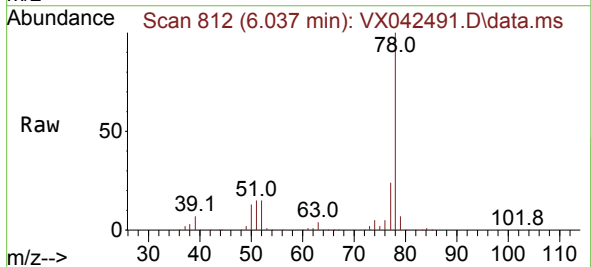
Instrument :
MSVOA_X
ClientSampleId :

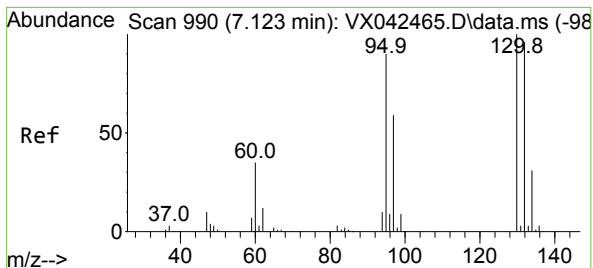
Tgt Ion:117 Resp: 109063
Ion Ratio Lower Upper
117 100
119 97.9 77.7 116.5



#33
Benzene
Concen: 57.582 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Tgt Ion: 78 Resp: 298730





#34

Trichloroethene

Concen: 61.462 ug/L

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

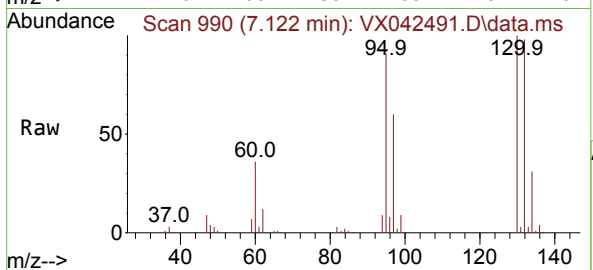
Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 83523

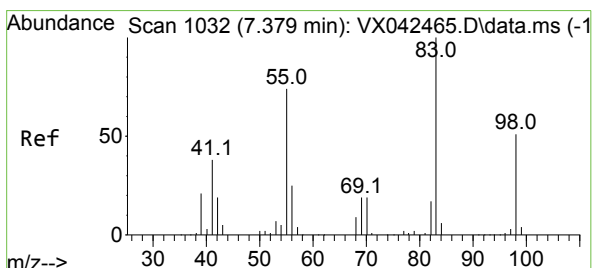
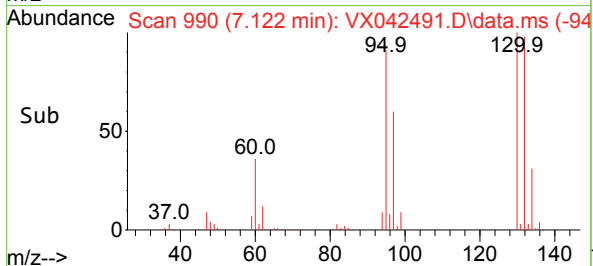
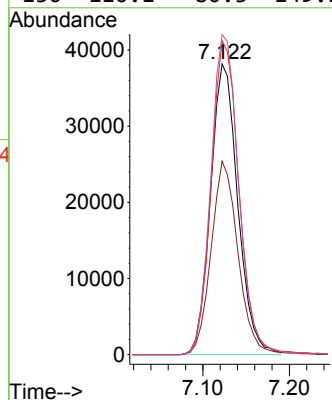
Ion Ratio Lower Upper

95 100

97 66.5 45.1 83.7

132 108.0 77.2 143.4

130 110.1 80.3 149.1



#35

Methylcyclohexane

Concen: 55.511 ug/L

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

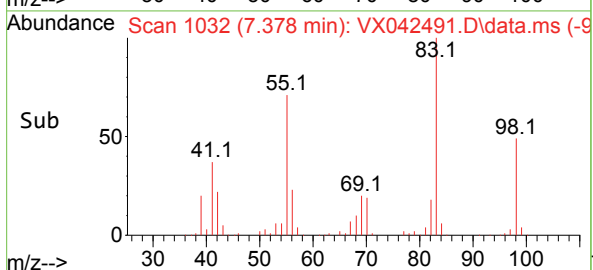
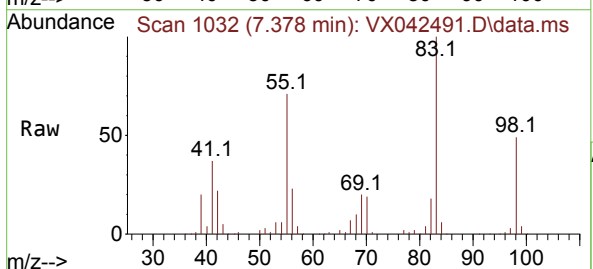
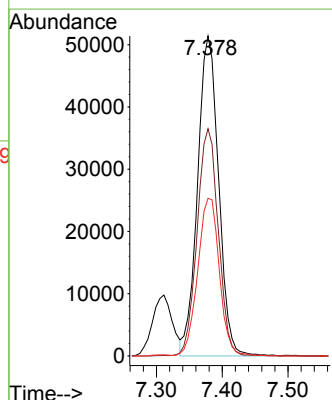
Tgt Ion: 83 Resp: 114381

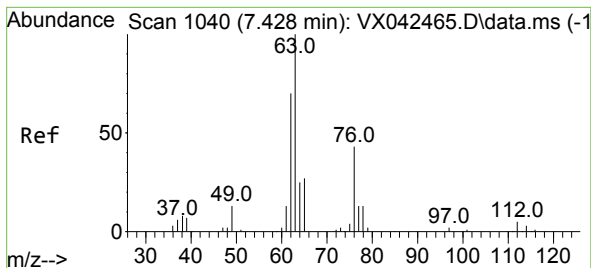
Ion Ratio Lower Upper

83 100

55 71.2 56.4 84.6

98 50.3 40.4 60.6





#37

1,2-Dichloropropane

Concen: 59.470 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Instrument :

MSVOA_X

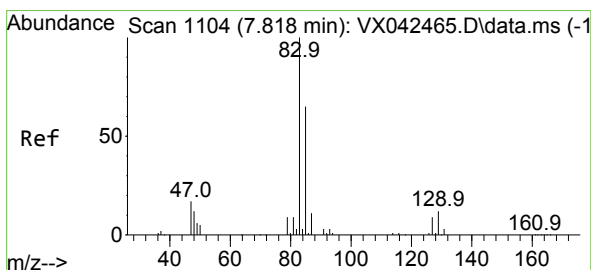
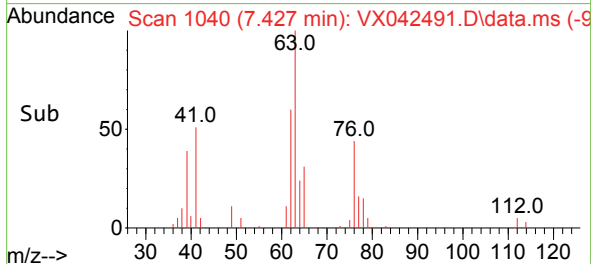
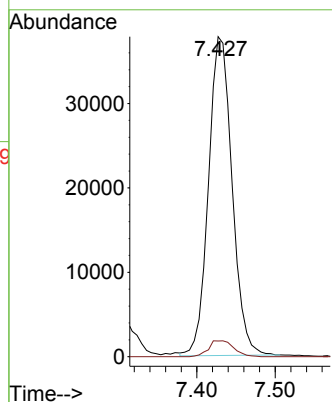
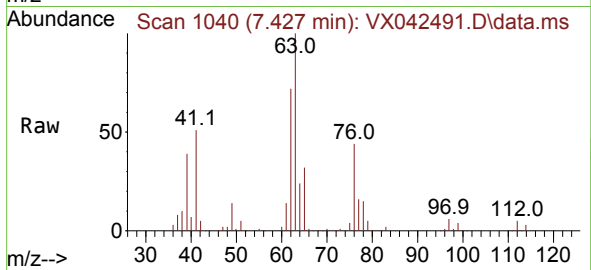
ClientSampleId :

Tgt Ion: 63 Resp: 79162

Ion Ratio Lower Upper

63 100

112 5.4 4.3 6.5



#38

Bromodichloromethane

Concen: 62.249 ug/L

RT: 7.823 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

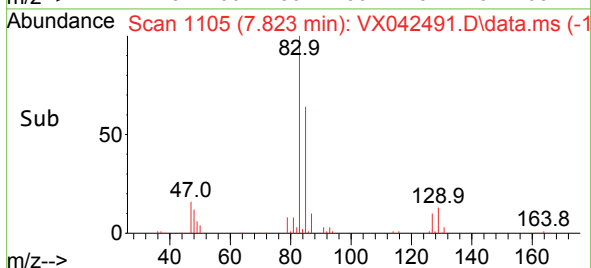
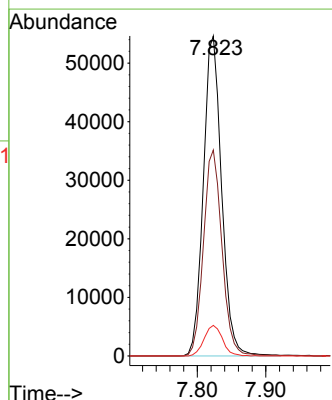
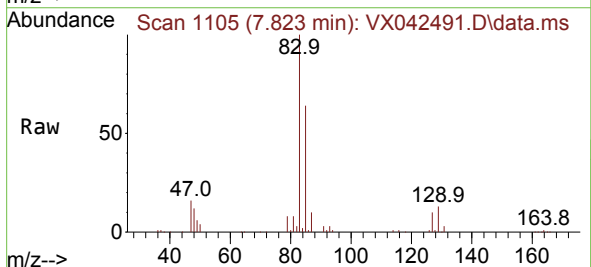
Tgt Ion: 83 Resp: 101469

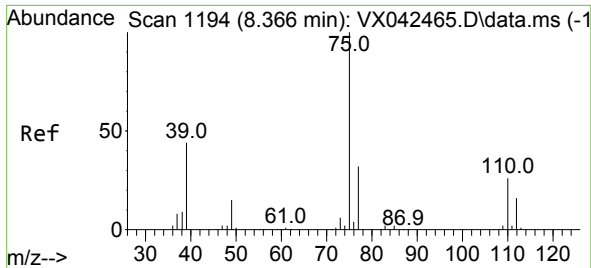
Ion Ratio Lower Upper

83 100

85 64.3 45.4 84.2

127 9.5 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 59.513 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Instrument :

MSVOA_X

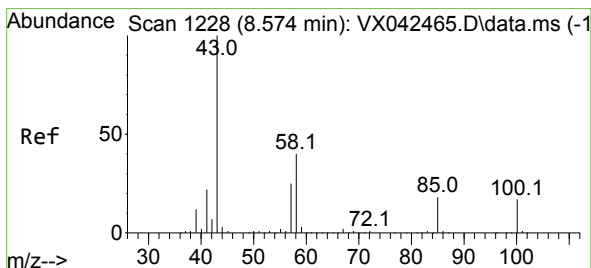
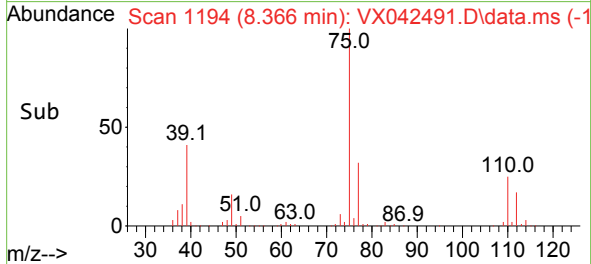
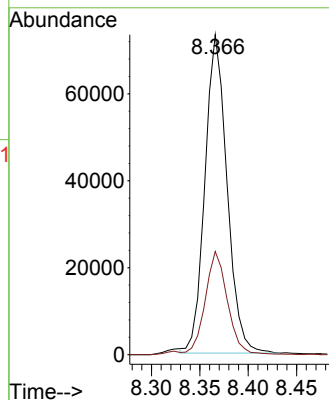
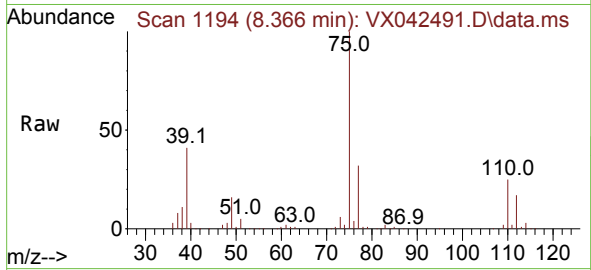
ClientSampleId :

Tgt Ion: 75 Resp: 116646

Ion Ratio Lower Upper

75 100

77 32.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 125.676 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

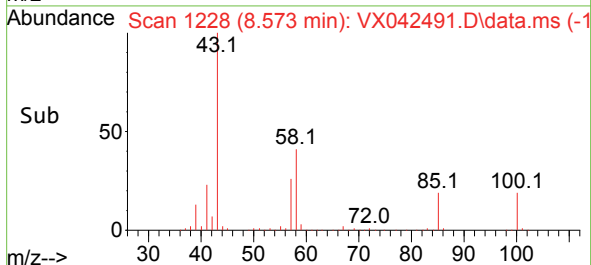
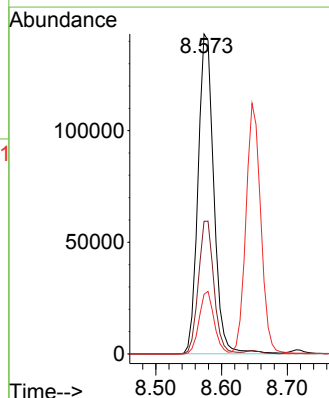
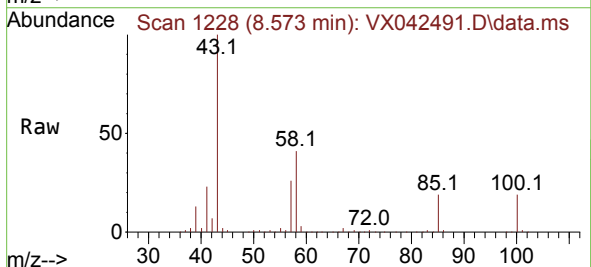
Tgt Ion: 43 Resp: 238614

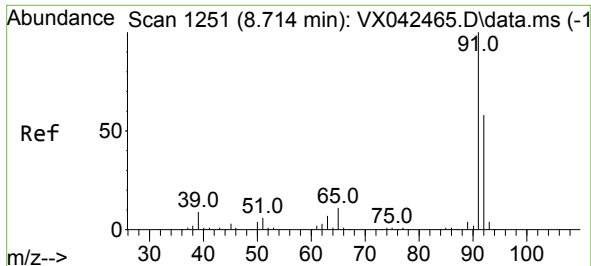
Ion Ratio Lower Upper

43 100

58 41.0 33.7 50.5

100 18.6 15.4 23.2





#42

Toluene

Concen: 58.429 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Instrument :

MSVOA_X

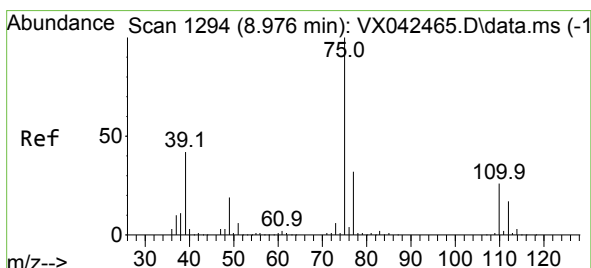
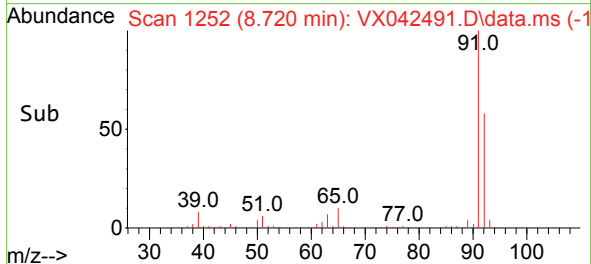
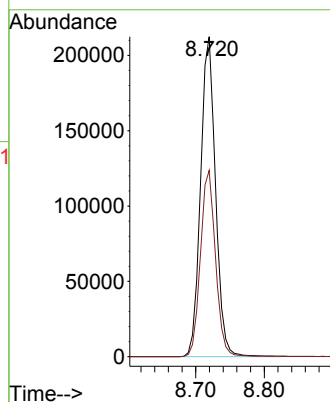
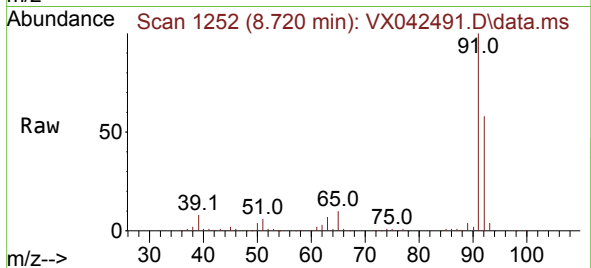
ClientSampleId :

Tgt Ion: 91 Resp: 323447

Ion Ratio Lower Upper

91 100

92 58.2 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 61.663 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042491.D

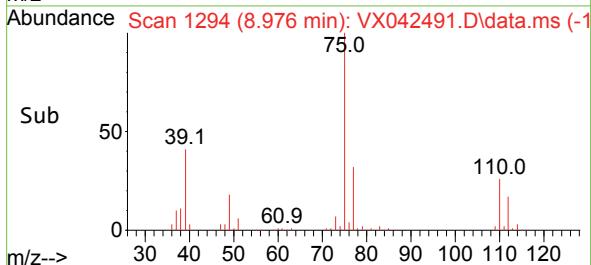
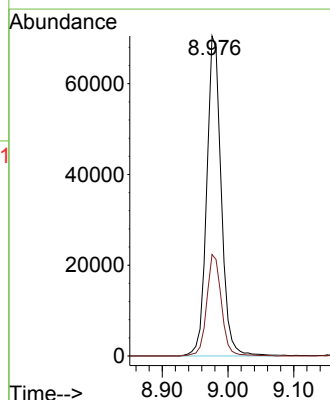
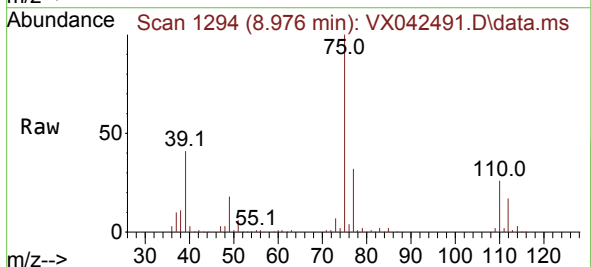
Acq: 23 Jul 2024 22:40

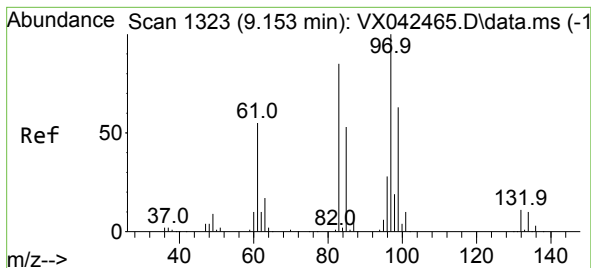
Tgt Ion: 75 Resp: 108360

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 60.978 ug/L

RT: 9.152 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 86850

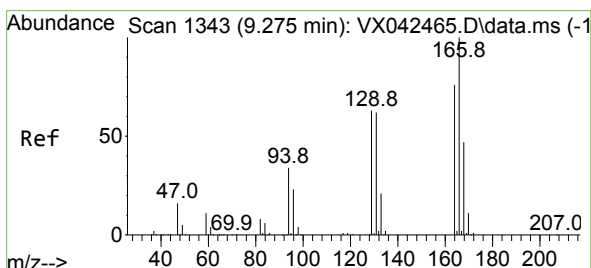
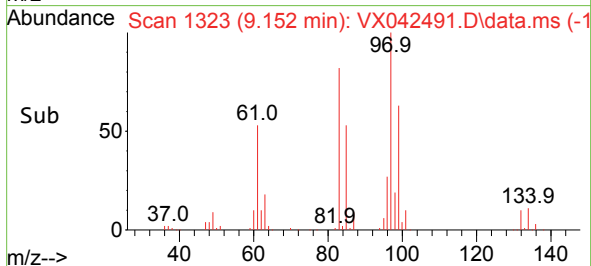
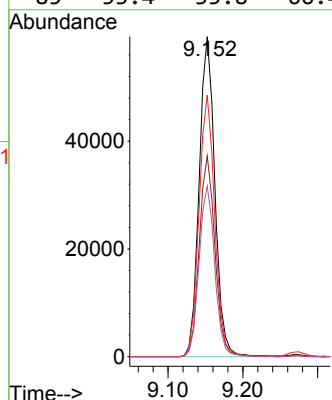
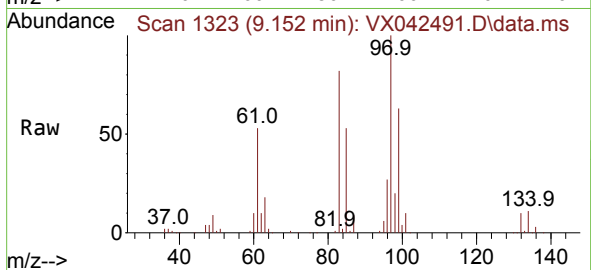
Ion Ratio Lower Upper

97 100

99 62.7 43.3 80.3

83 81.7 56.2 104.4

85 53.4 35.8 66.4



#46

Tetrachloroethene

Concen: 57.789 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Tgt Ion:164 Resp: 73509

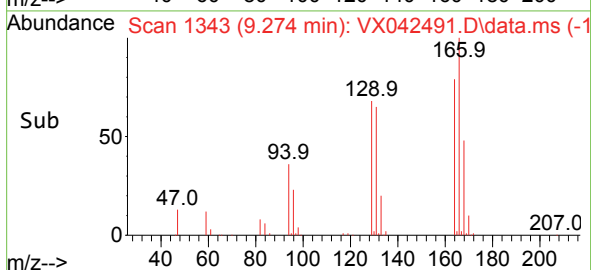
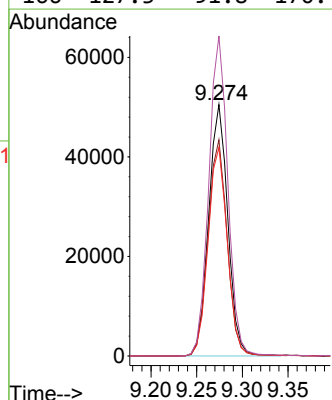
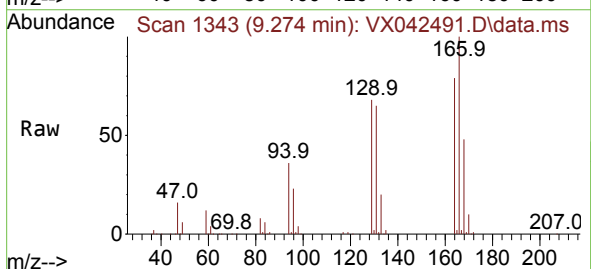
Ion Ratio Lower Upper

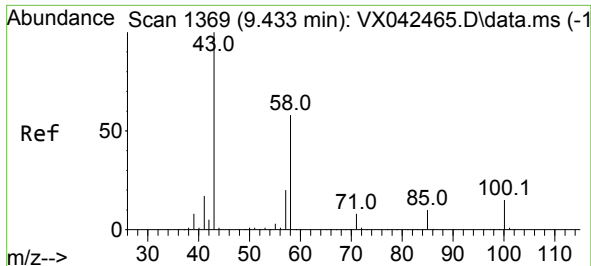
164 100

129 86.0 58.6 108.8

131 82.9 57.9 107.5

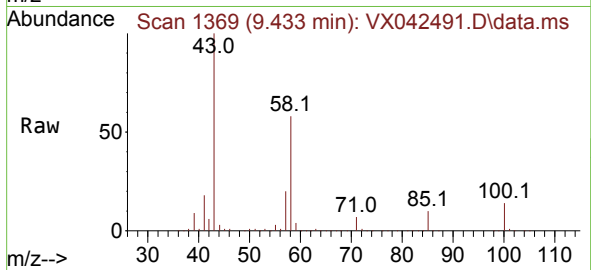
166 127.3 91.8 170.4



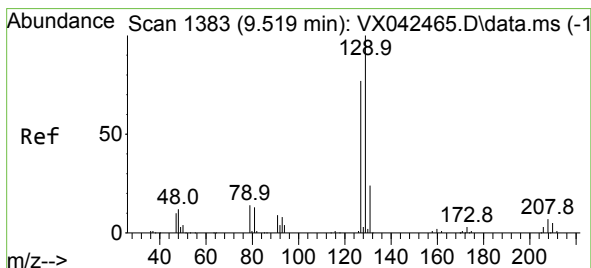
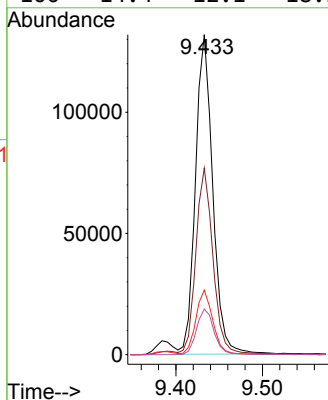
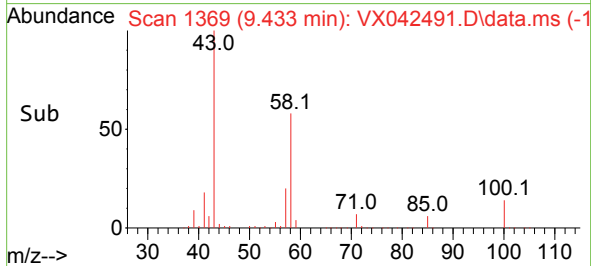


#48
2-Hexanone
Concen: 122.447 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Instrument :
MSVOA_X
ClientSampleId :

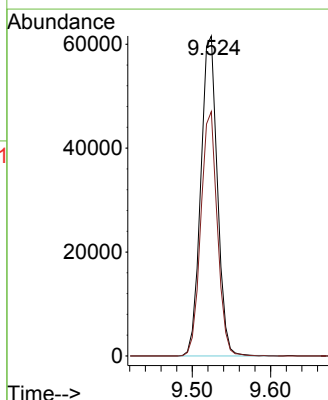
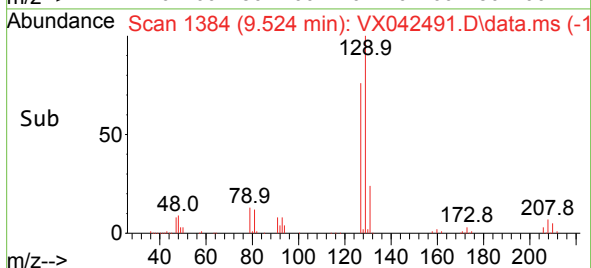
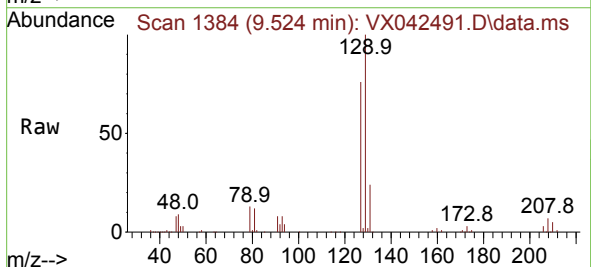


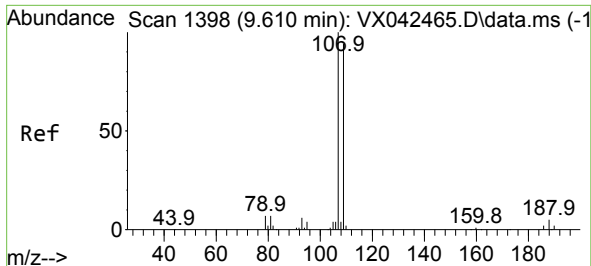
Tgt Ion: 43 Resp: 182569
Ion Ratio Lower Upper
43 100
58 58.7 46.4 69.6
57 19.6 16.3 24.5
100 14.4 12.1 18.1



#49
Dibromochloromethane
Concen: 62.313 ug/L
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Tgt Ion: 129 Resp: 90389
Ion Ratio Lower Upper
129 100
127 76.3 53.7 99.7

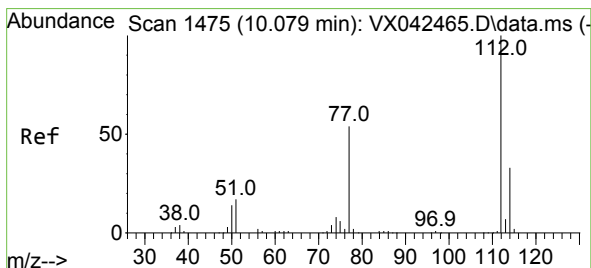
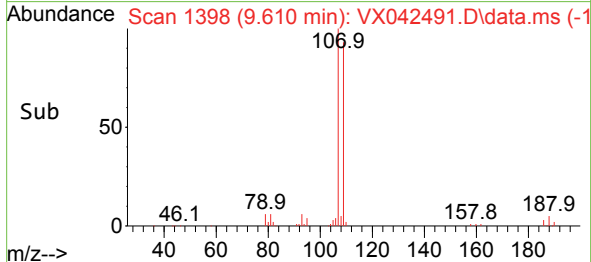
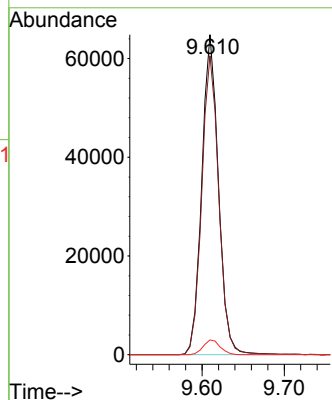
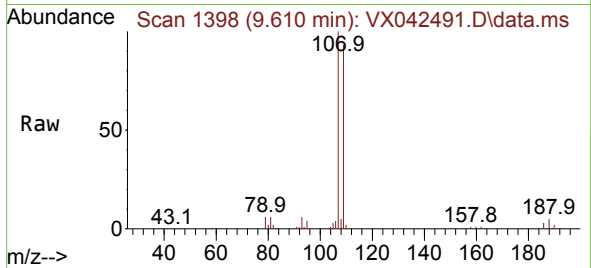




#50
1,2-Dibromoethane
Concen: 59.686 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

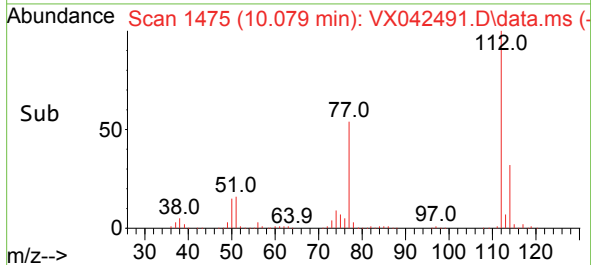
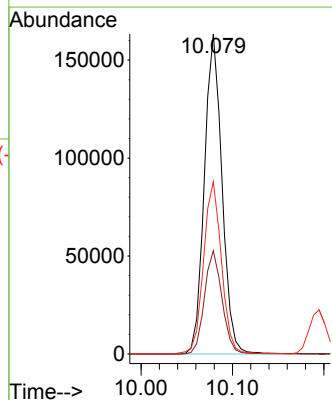
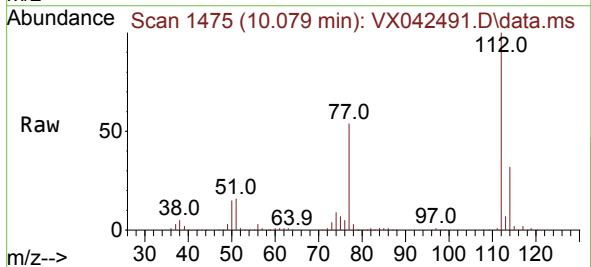
Instrument :
MSVOA_X
ClientSampleId :

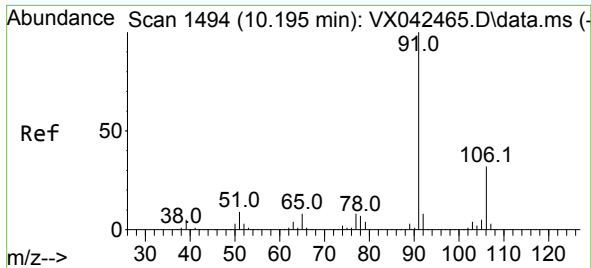
Tgt Ion:107 Resp: 91299
Ion Ratio Lower Upper
107 100
109 93.5 67.5 125.3
188 4.6 4.2 6.2



#51
Chlorobenzene
Concen: 57.473 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Tgt Ion:112 Resp: 218397
Ion Ratio Lower Upper
112 100
114 32.2 23.2 43.2
77 53.9 43.0 64.4

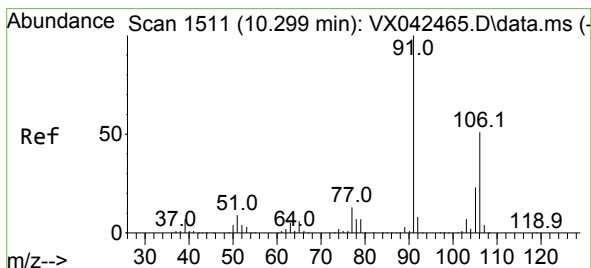
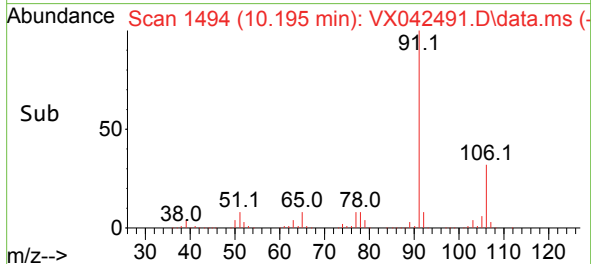
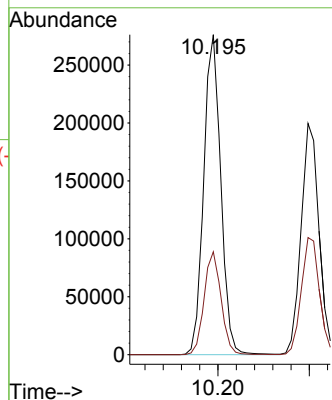
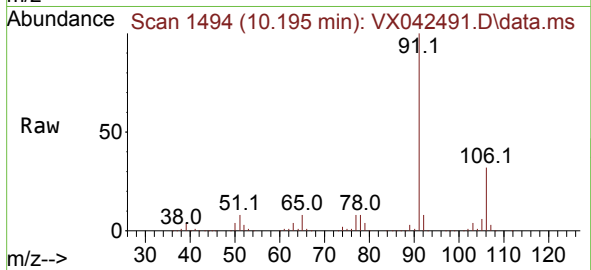




#52
Ethylbenzene
Concen: 59.584 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

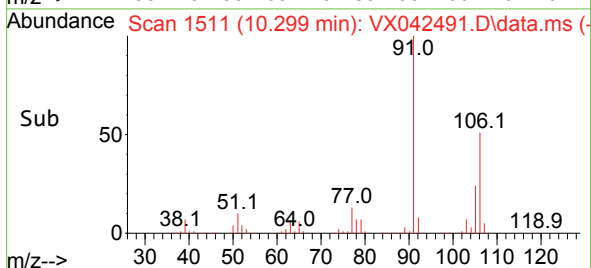
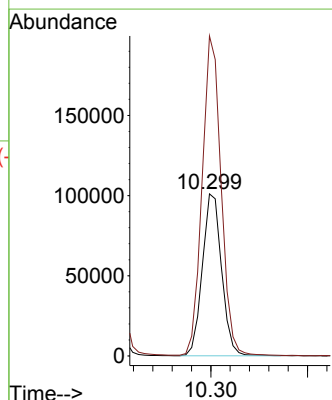
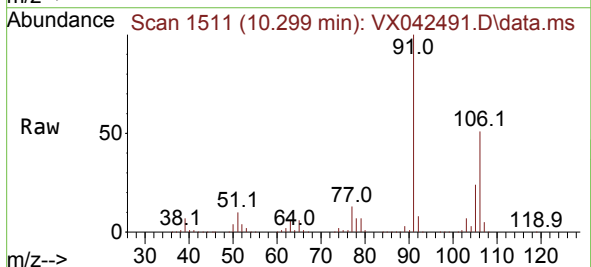
Instrument :
MSVOA_X
ClientSampleId :

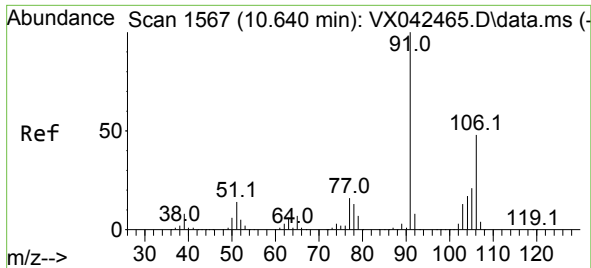
Tgt Ion: 91 Resp: 358434
Ion Ratio Lower Upper
91 100
106 32.2 23.1 42.9



#53
m,p-Xylene
Concen: 57.808 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Tgt Ion: 106 Resp: 139972
Ion Ratio Lower Upper
106 100
91 197.5 136.4 253.2

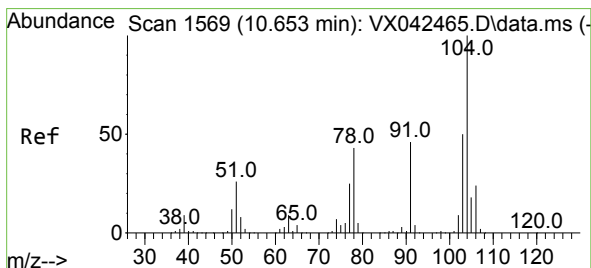
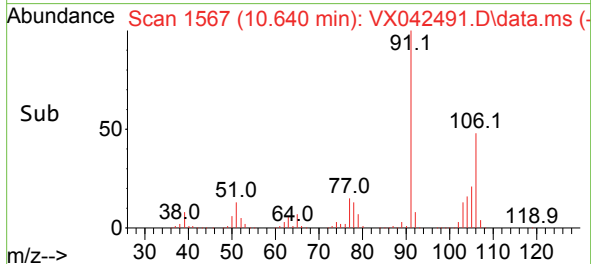
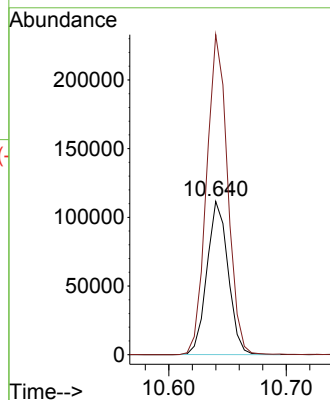
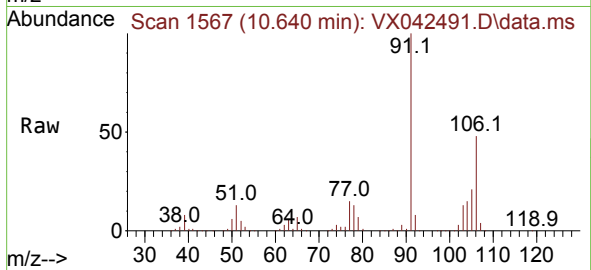




#54
o-Xylene
Concen: 57.799 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

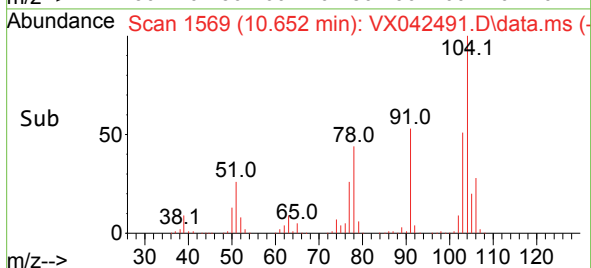
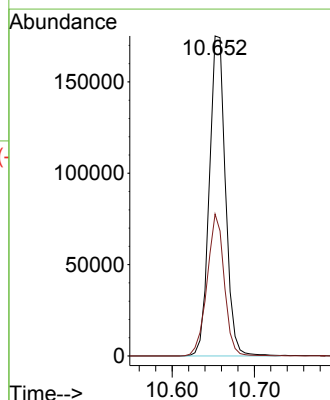
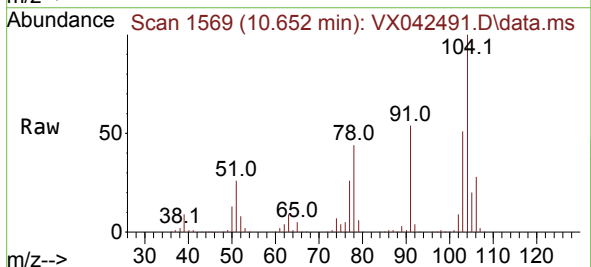
Instrument :
MSVOA_X
ClientSampleId :

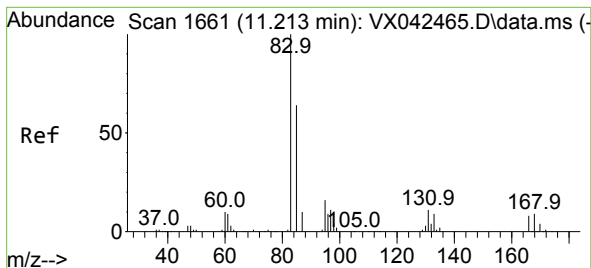
Tgt Ion:106 Resp: 139797
Ion Ratio Lower Upper
106 100
91 208.7 143.4 266.2



#55
Styrene
Concen: 59.343 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Tgt Ion:104 Resp: 239160
Ion Ratio Lower Upper
104 100
78 44.4 29.5 54.9

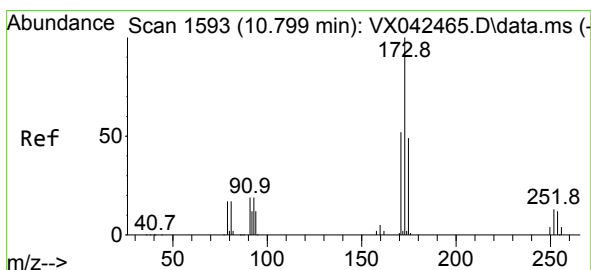
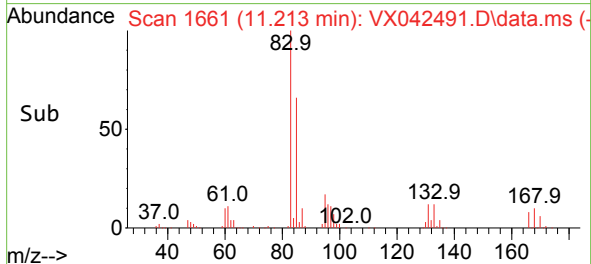
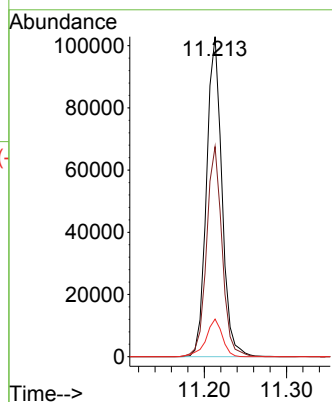
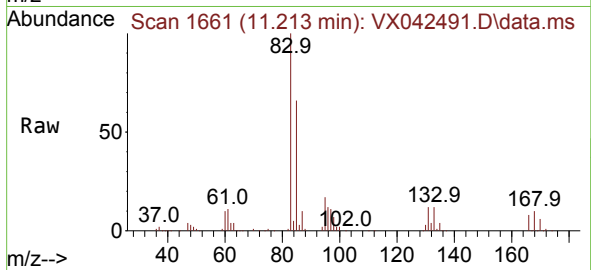




#57
1,1,2,2-Tetrachloroethane
Concen: 58.455 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

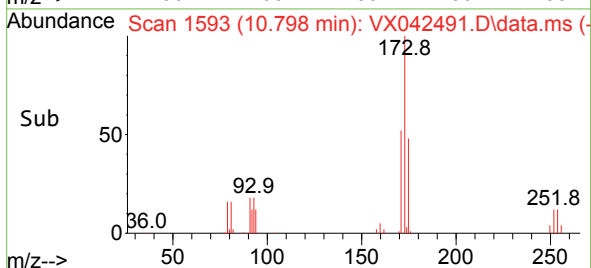
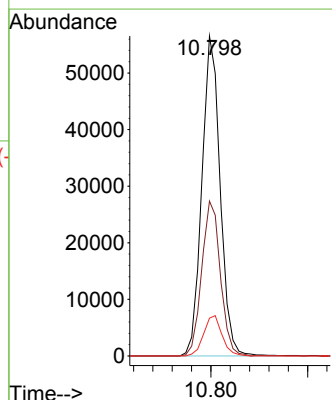
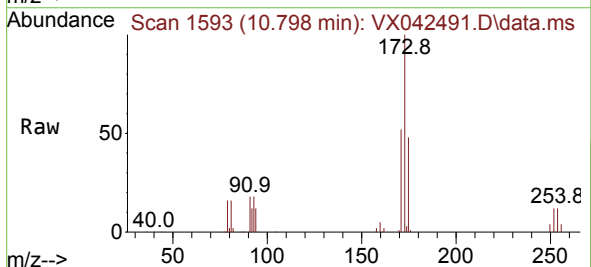
Instrument :
MSVOA_X
ClientSampleId :

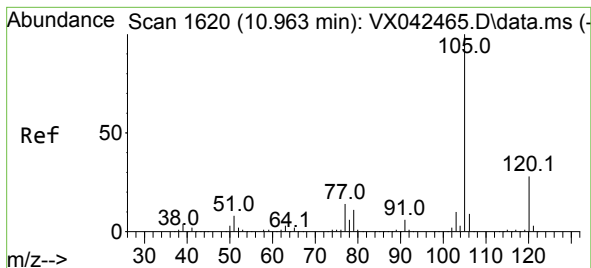
Tgt Ion: 83 Resp: 133628
Ion Ratio Lower Upper
83 100
85 65.7 45.1 83.7
131 11.7 9.0 13.4



#59
Bromoform
Concen: 60.726 ug/L
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

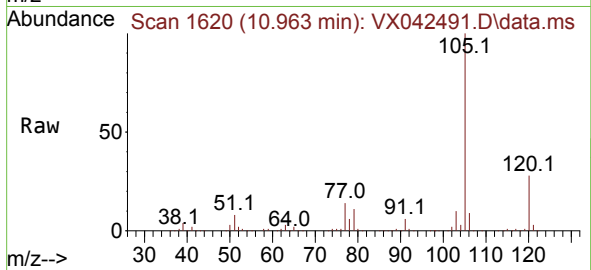
Tgt Ion:173 Resp: 74345
Ion Ratio Lower Upper
173 100
175 49.4 39.5 59.3
254 12.7 10.6 15.8



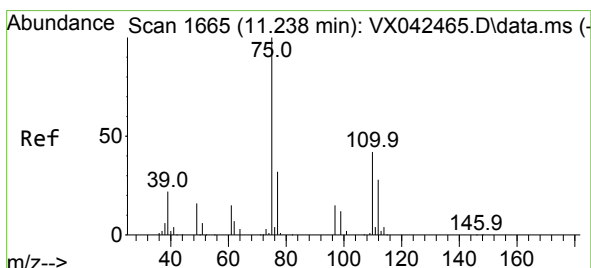
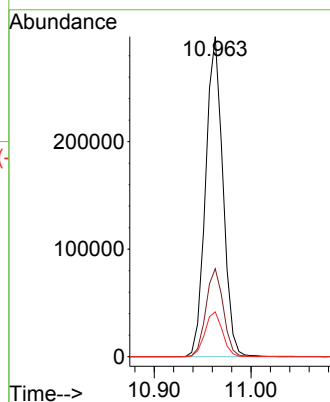
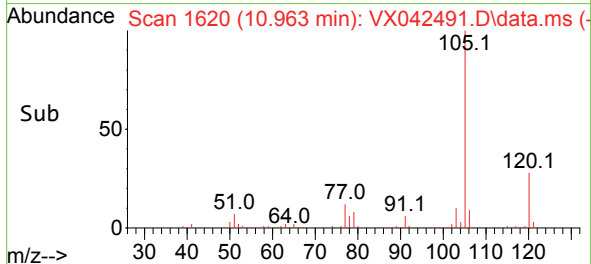


#60
Isopropylbenzene
Concen: 60.517 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

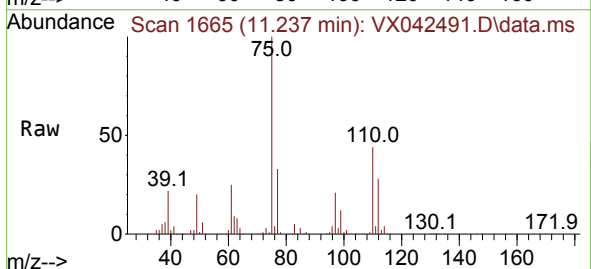
Instrument :
MSVOA_X
ClientSampleId :



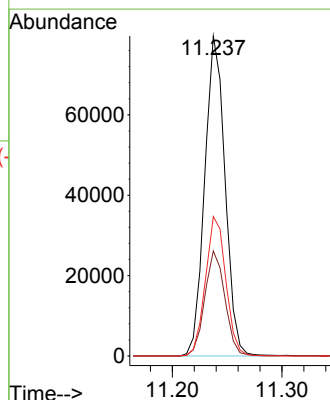
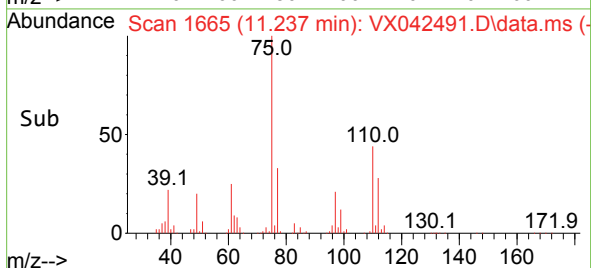
Tgt Ion:105 Resp: 370062
Ion Ratio Lower Upper
105 100
120 27.7 22.0 33.0
77 14.3 11.0 16.6

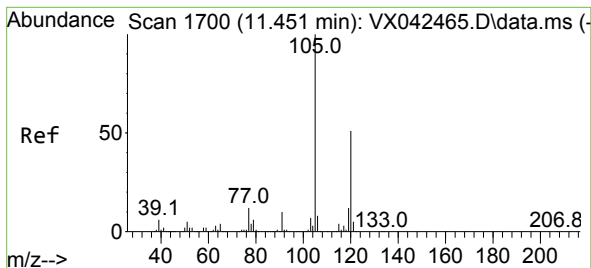


#61
1,2,3-Trichloropropane
Concen: 59.087 ug/L
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40



Tgt Ion: 75 Resp: 102476
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 43.7 35.4 53.0





#62

1,3,5-Trimethylbenzene

Concen: 59.166 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Instrument :

MSVOA_X

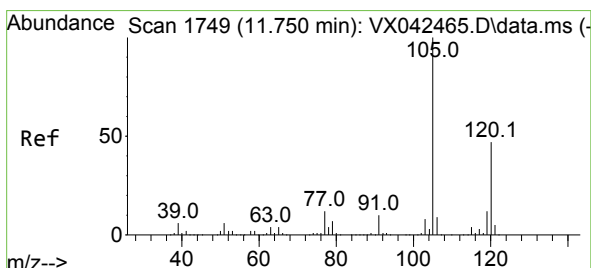
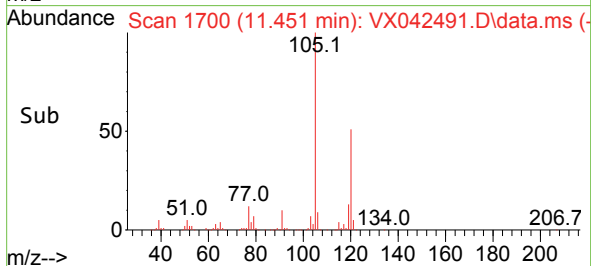
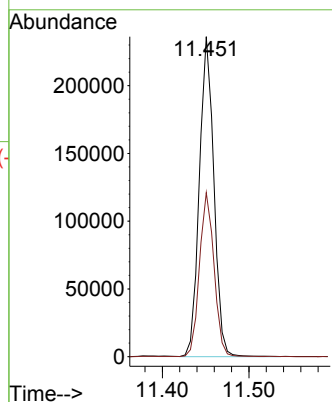
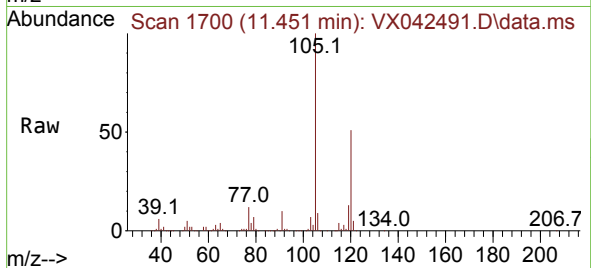
ClientSampleId :

Tgt Ion:105 Resp: 275119

Ion Ratio Lower Upper

105 100

120 51.3 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 60.522 ug/L

RT: 11.749 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042491.D

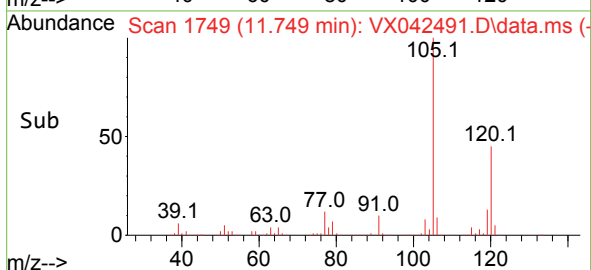
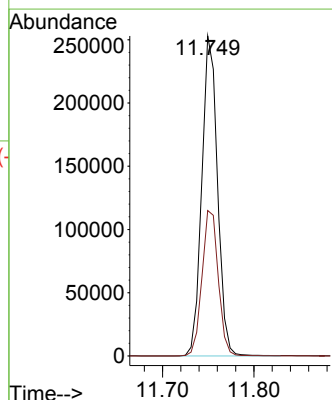
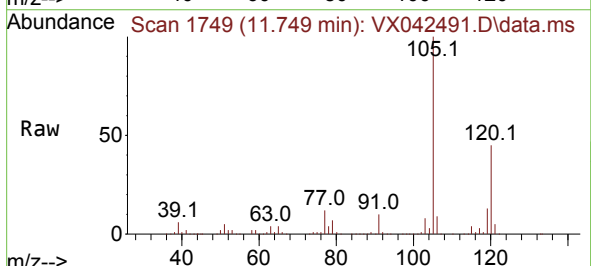
Acq: 23 Jul 2024 22:40

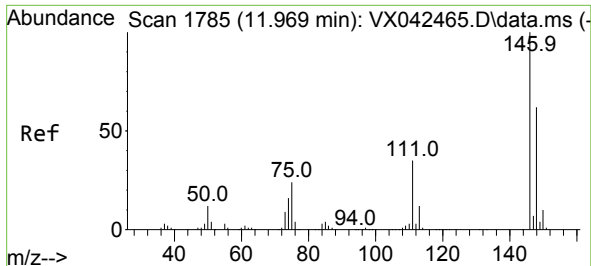
Tgt Ion:105 Resp: 301599

Ion Ratio Lower Upper

105 100

120 47.0 38.4 57.6

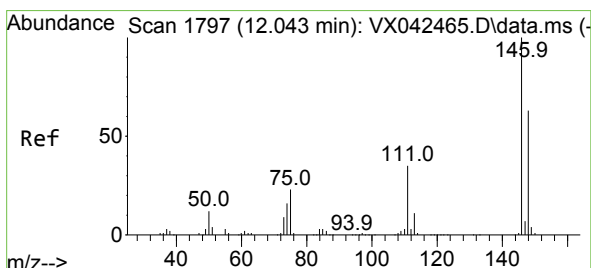
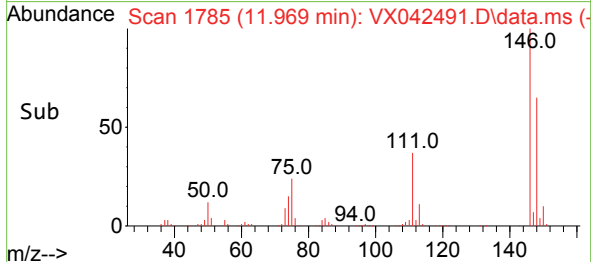
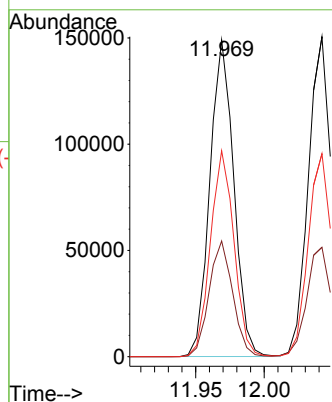
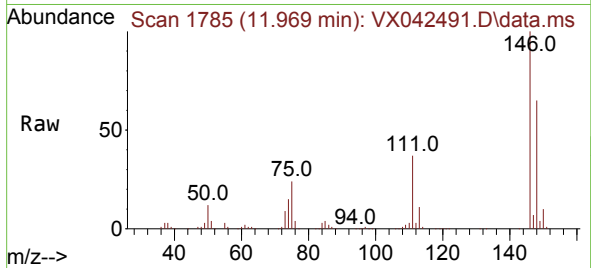




#64
1,3-Dichlorobenzene
Concen: 58.915 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

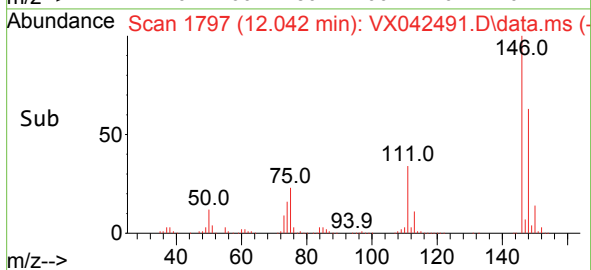
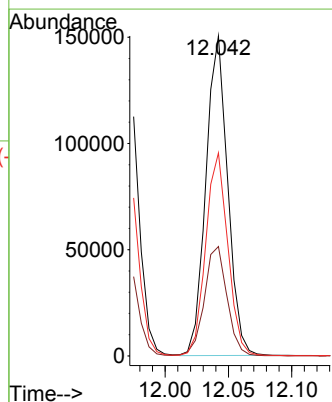
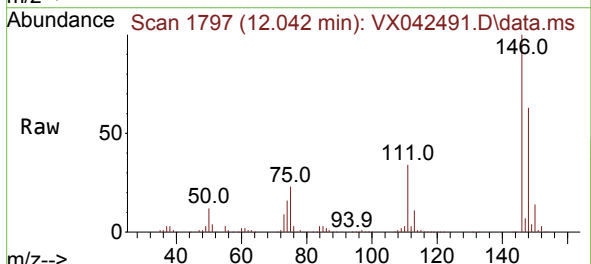
Instrument :
MSVOA_X
ClientSampleId :

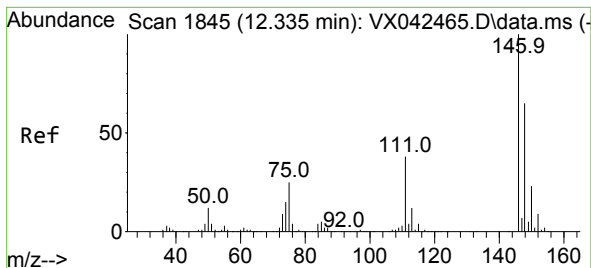
Tgt Ion:146 Resp: 180676
Ion Ratio Lower Upper
146 100
111 36.5 24.8 46.1
148 65.0 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 58.162 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX042491.D
Acq: 23 Jul 2024 22:40

Tgt Ion:146 Resp: 180427
Ion Ratio Lower Upper
146 100
111 34.2 23.9 44.3
148 63.5 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 58.592 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Instrument :

MSVOA_X

ClientSampleId :

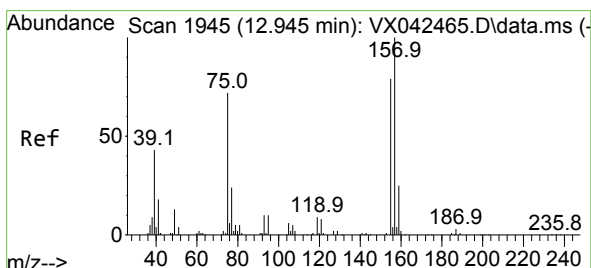
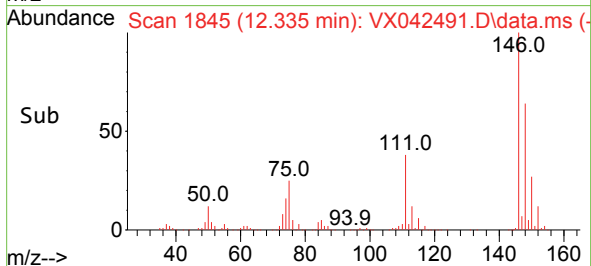
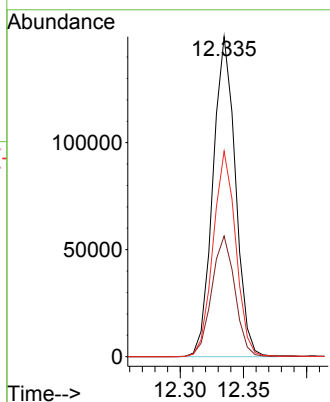
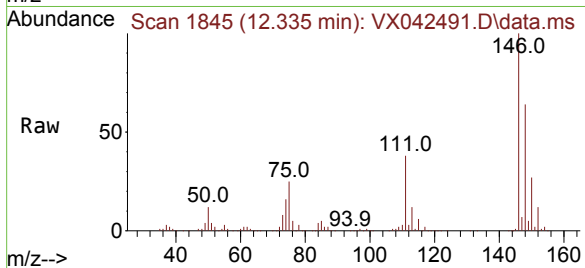
Tgt Ion:146 Resp: 184968

Ion Ratio Lower Upper

146 100

111 37.7 30.2 45.2

148 64.2 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 62.473 ug/L

RT: 12.944 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

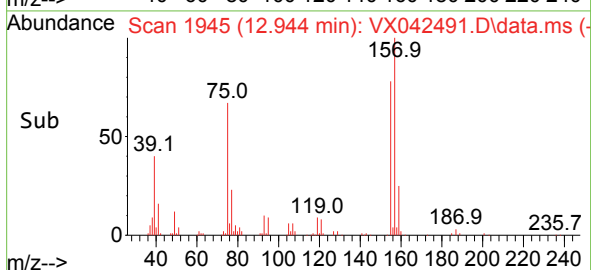
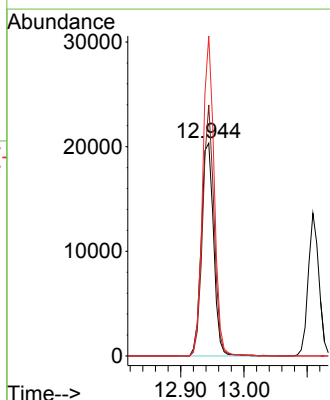
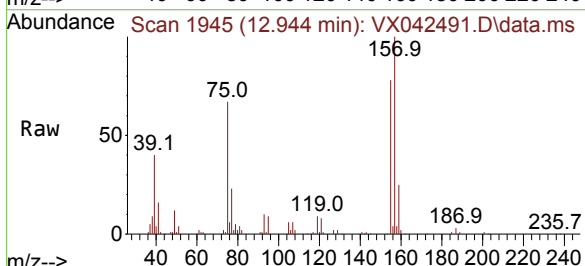
Tgt Ion: 75 Resp: 27736

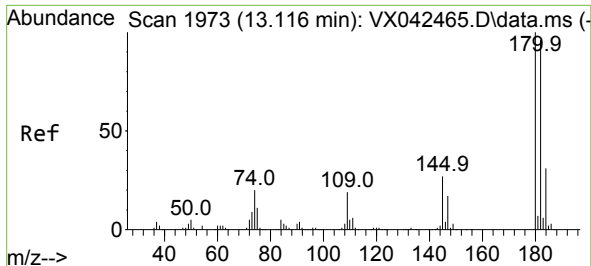
Ion Ratio Lower Upper

75 100

155 118.0 90.4 135.6

157 150.4 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 59.157 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

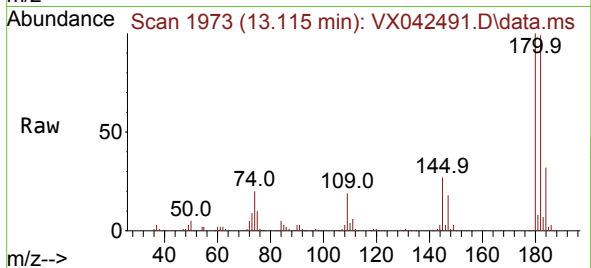
Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 131816

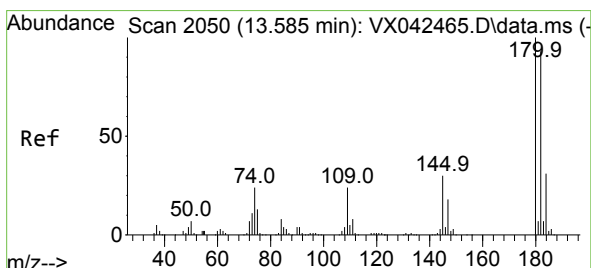
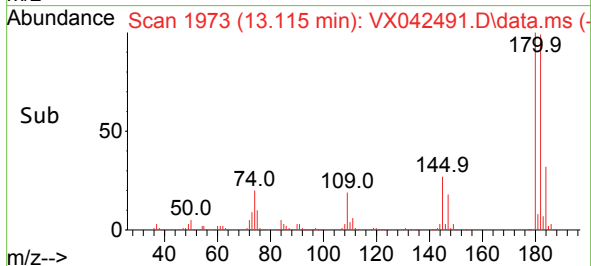
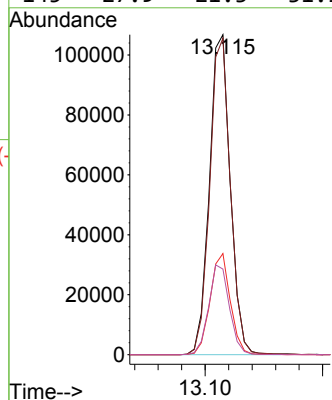
Ion Ratio Lower Upper

180 100

182 97.6 77.0 115.6

184 30.6 24.7 37.1

145 27.9 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 59.185 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

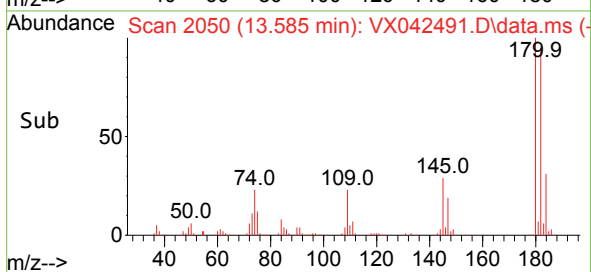
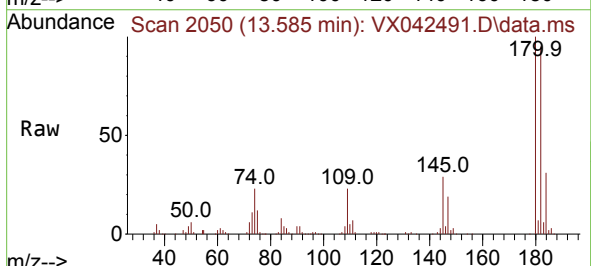
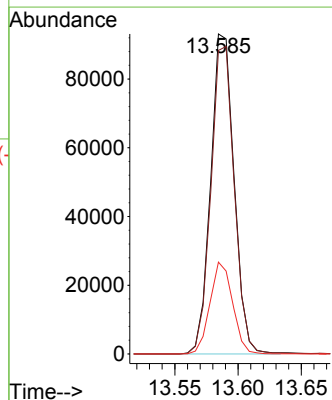
Tgt Ion:180 Resp: 119949

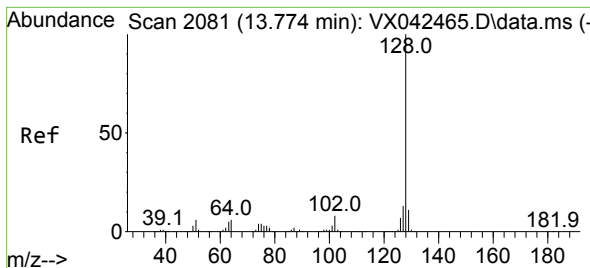
Ion Ratio Lower Upper

180 100

182 96.1 77.8 116.6

145 27.8 21.8 32.8





#71

Naphthalene

Concen: 60.972 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

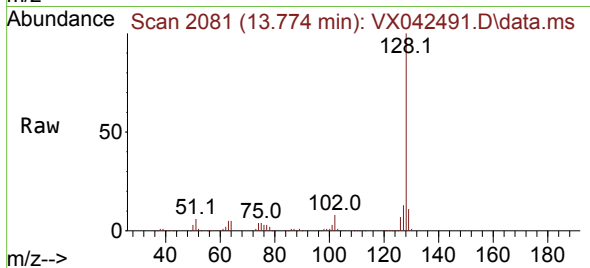
Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Instrument :

MSVOA_X

ClientSampleId :



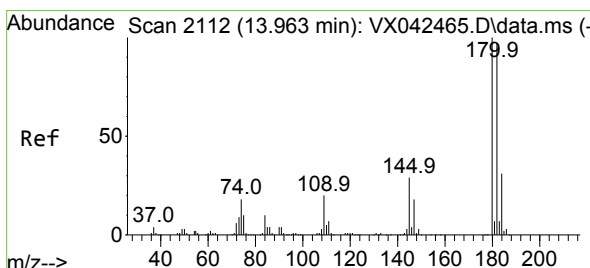
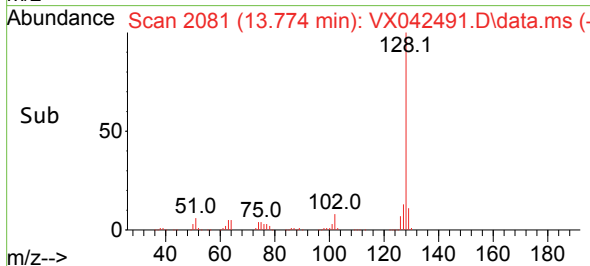
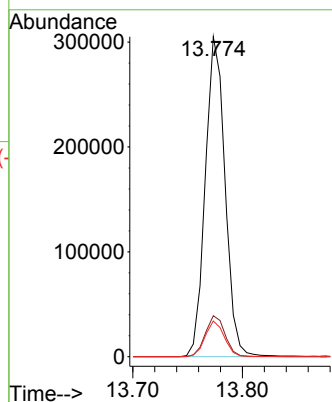
Tgt Ion:128 Resp: 382005

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 60.268 ug/L

RT: 13.962 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX042491.D

Acq: 23 Jul 2024 22:40

Tgt Ion:180 Resp: 129069

Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.4

145 28.9 23.0 34.6

