

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031824\
 Data File : VX040707.D
 Acq On : 18 Mar 2024 18:17
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 01:26:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 01:22:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	137391	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	130511	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67630	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.367	65	64622	53.657	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.320%
7) Chloroethane-d5	1.666	69	46421	48.280	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.560%
11) 1,1-Dichloroethene-d2	2.306	65	23117	41.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.400%
21) 2-Butanone-d5	4.452	46	93664	101.348	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.350%
24) Chloroform-d	5.056	84	118962	53.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.380%
26) 1,2-Dichloroethane-d4	5.958	65	86386	51.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.460%
32) Benzene-d6	5.976	84	212807	53.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.300%
36) 1,2-Dichloropropane-d6	7.305	67	64565	52.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.060%
41) Toluene-d8	8.647	98	201247	52.154	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.300%
43) trans-1,3-Dichloroprop...	8.951	79	33889	51.310	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.620%
47) 2-Hexanone-d5	9.384	63	68946	100.691	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.690%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	96674	52.032	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.060%
66) 1,2-Dichlorobenzene-d4	12.323	152	76226	53.814	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.620%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	56164	45.800	ug/L	100
3) Chloromethane	1.294	50	55223	51.803	ug/L	97
5) Vinyl chloride	1.374	62	59222	51.351	ug/L	99
6) Bromomethane	1.605	94	35791	58.455	ug/L	93
8) Chloroethane	1.684	64	29896	45.209	ug/L	96
9) Trichlorofluoromethane	1.886	101	76265	47.525	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	37078	38.954	ug/L	95
12) 1,1-Dichloroethene	2.318	96	33821	40.385	ug/L	86
13) Acetone	2.379	43	45143	68.402	ug/L	99
14) Carbon disulfide	2.514	76	98466	40.634	ug/L	99
15) Methyl Acetate	2.703	43	56580	50.783	ug/L	100
16) Methylene chloride	2.788	84	45876	49.743	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	42003	48.855	ug/L	92
18) Methyl tert-butyl Ether	3.111	73	157846	53.087	ug/L	99
19) 1,1-Dichloroethane	3.611	63	87097	52.138	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	49353	51.193	ug/L	92
22) 2-Butanone	4.556	43	82098	93.945	ug/L	100
23) Bromochloromethane	4.897	128	25118	51.084	ug/L	95
25) Chloroform	5.092	83	96912	51.409	ug/L	98

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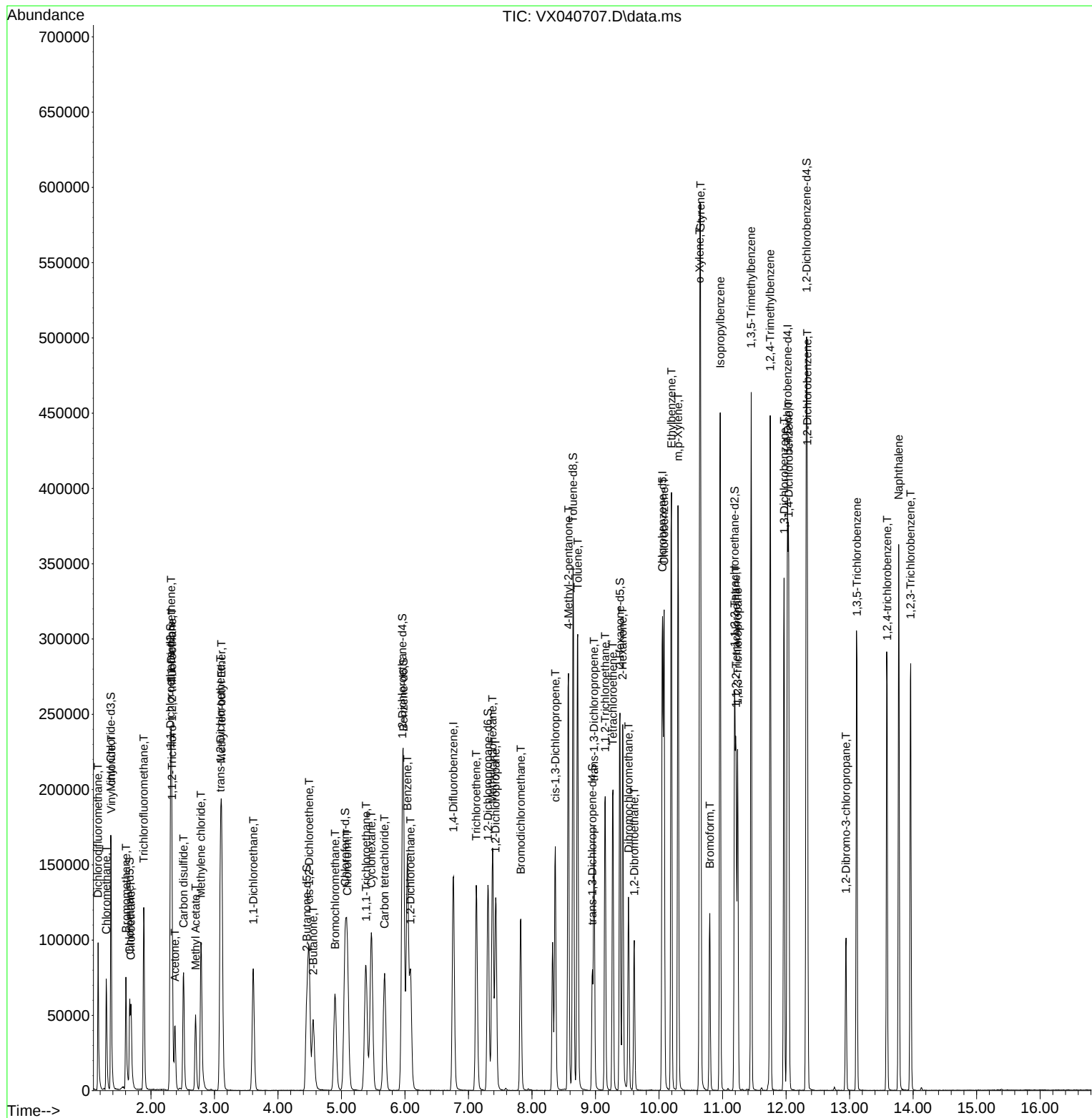
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	86154	52.005	ug/L	97
29) Cyclohexane	5.470	56	68807	47.979	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	82591	50.810	ug/L	100
31) Carbon tetrachloride	5.678	117	68970	50.557	ug/L	99
33) Benzene	6.037	78	179974	51.334	ug/L	100
34) Trichloroethene	7.123	95	50933	49.211	ug/L	96
35) Methylcyclohexane	7.379	83	70839	46.835	ug/L	99
37) 1,2-Dichloropropane	7.427	63	49527	53.359	ug/L #	94
38) Bromodichloromethane	7.824	83	71491	52.076	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	79475	50.858	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	165523	104.024	ug/L	100
42) Toluene	8.720	91	194662	50.611	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	78508	51.579	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	49546	51.711	ug/L	97
46) Tetrachloroethene	9.275	164	35290	47.489	ug/L	94
48) 2-Hexanone	9.427	43	130512	98.984	ug/L	98
49) Dibromochloromethane	9.518	129	51889	51.830	ug/L	99
50) 1,2-Dibromoethane	9.610	107	53461	51.884	ug/L	93
51) Chlorobenzene	10.079	112	124639	50.018	ug/L	98
52) Ethylbenzene	10.195	91	225875	49.973	ug/L	98
53) m,p-Xylene	10.299	106	81647	49.689	ug/L	98
54) o-Xylene	10.640	106	80143	50.810	ug/L	98
55) Styrene	10.652	104	143325	52.145	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	82829	52.448	ug/L	100
59) Bromoform	10.799	173	39598	50.481	ug/L	99
60) Isopropylbenzene	10.963	105	221805	48.850	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	67554	50.126	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	186773	49.614	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	186785	49.620	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	97754	49.176	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	99659	49.299	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	98106	51.901	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	20392	51.687	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.115	180	68132	51.060	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	62701	50.671	ug/L	99
71) Naphthalene	13.774	128	205387	52.220	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	63165	51.819	ug/L	97

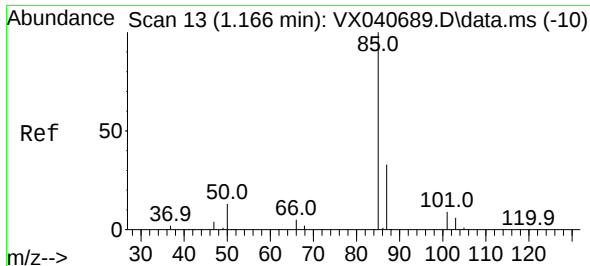
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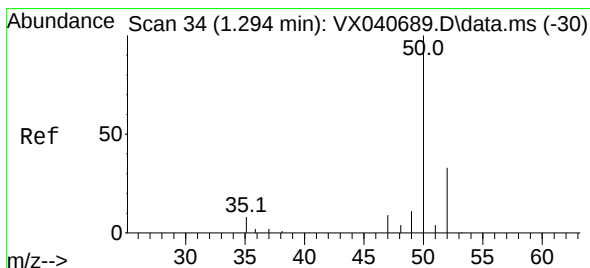
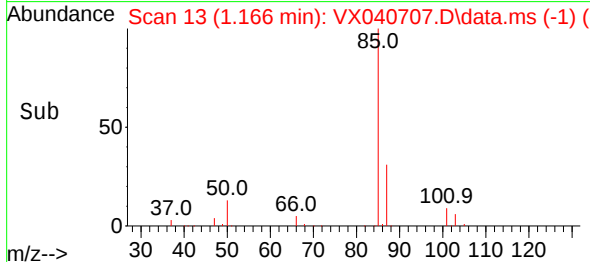
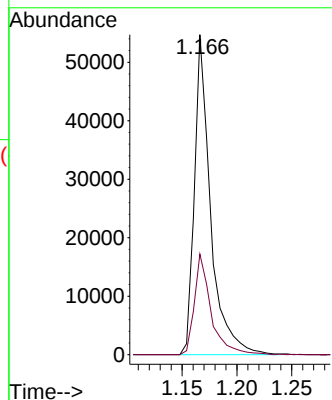
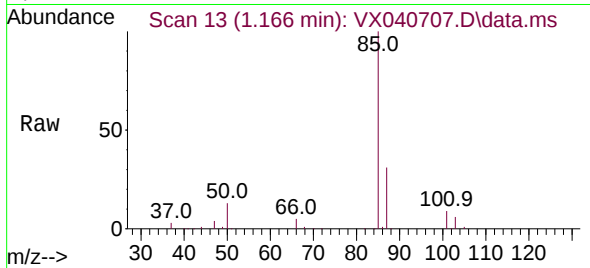




#2
 Dichlorodifluoromethane
 Concen: 45.800 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX040707.D
 Acq: 18 Mar 2024 18:17

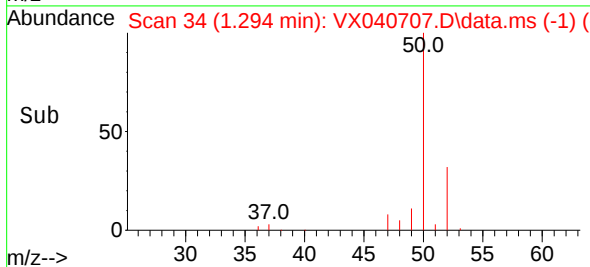
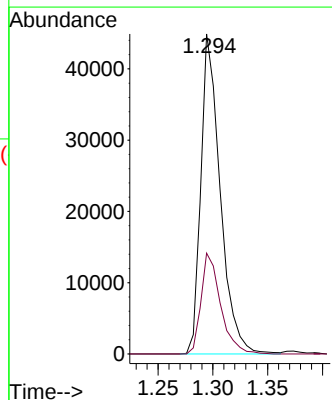
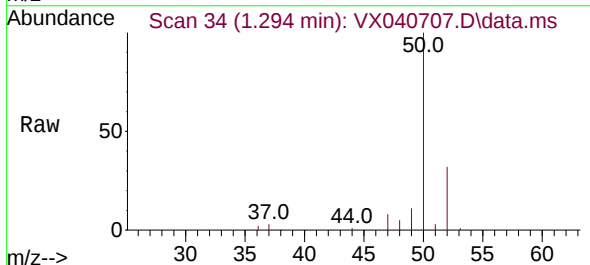
Instrument :
 MSVOA_X
 ClientSampleId :

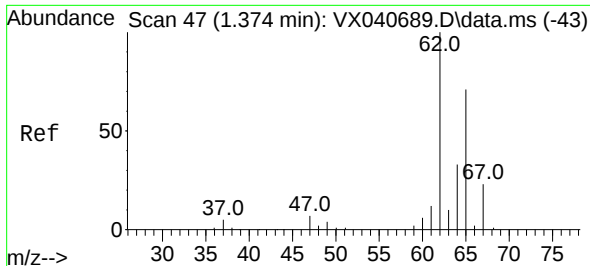
Tgt Ion: 85 Resp: 56164
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.1 39.1



#3
 Chloromethane
 Concen: 51.803 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX040707.D
 Acq: 18 Mar 2024 18:17

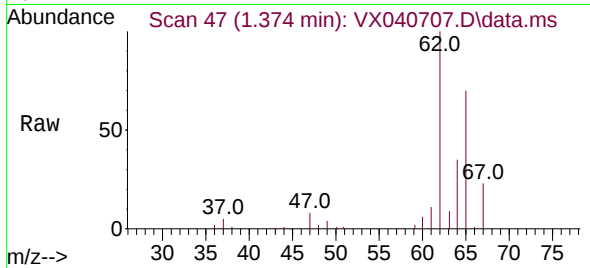
Tgt Ion: 50 Resp: 55223
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.1 42.9



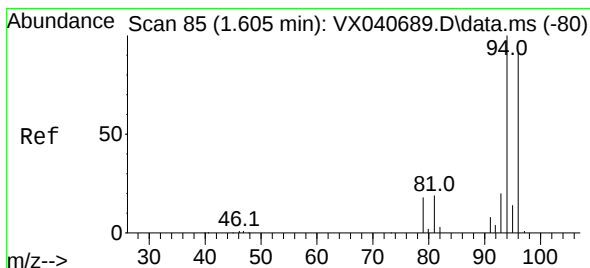
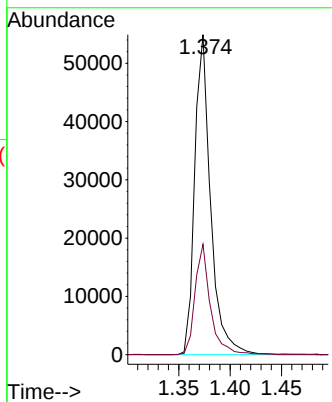
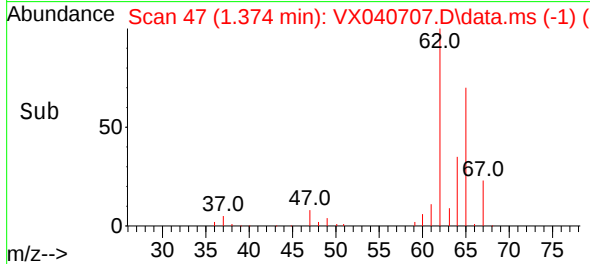


#5
 Vinyl chloride
 Concen: 51.351 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040707.D
 Acq: 18 Mar 2024 18:17

Instrument :
 MSVOA_X
 ClientSampleId :

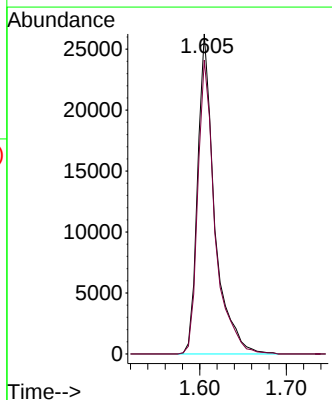
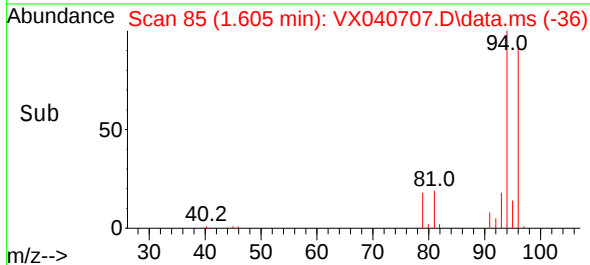
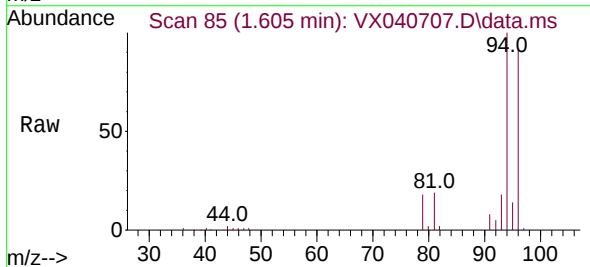


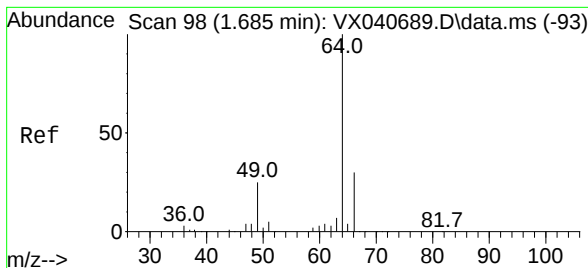
Tgt Ion: 62 Resp: 59222
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.8 44.2



#6
 Bromomethane
 Concen: 58.455 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VX040707.D
 Acq: 18 Mar 2024 18:17

Tgt Ion: 94 Resp: 35791
 Ion Ratio Lower Upper
 94 100
 96 91.8 69.0 128.2





#8

Chloroethane

Concen: 45.209 ug/L

RT: 1.684 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

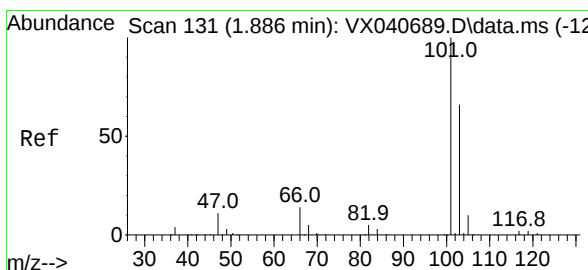
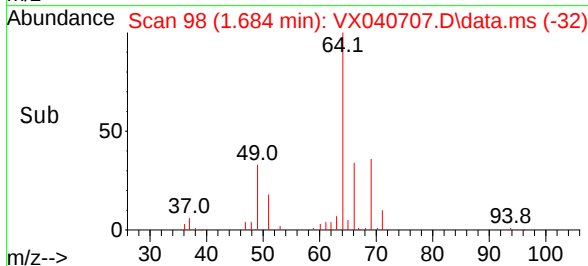
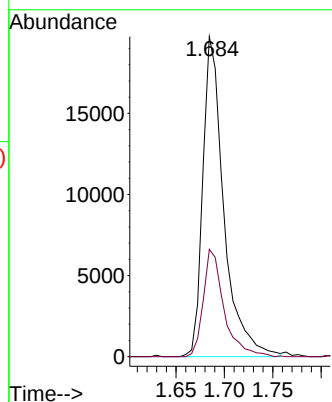
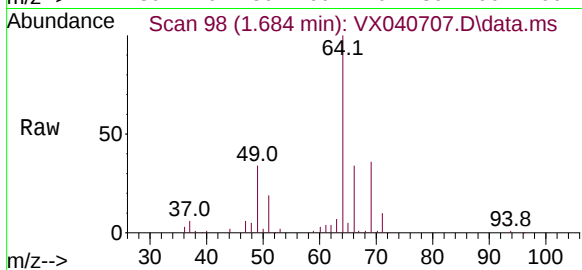
ClientSampleId :

Tgt Ion: 64 Resp: 29896

Ion Ratio Lower Upper

64 100

66 33.6 25.0 46.4



#9

Trichlorofluoromethane

Concen: 47.525 ug/L

RT: 1.886 min Scan# 131

Delta R.T. -0.000 min

Lab File: VX040707.D

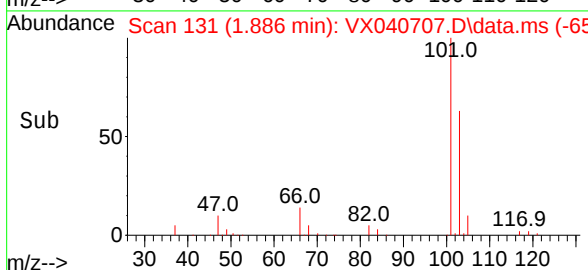
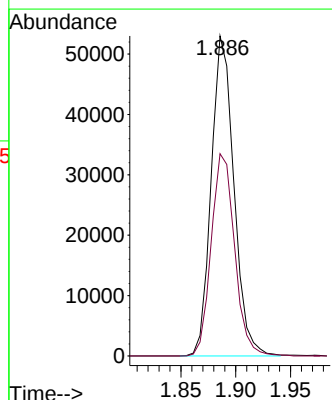
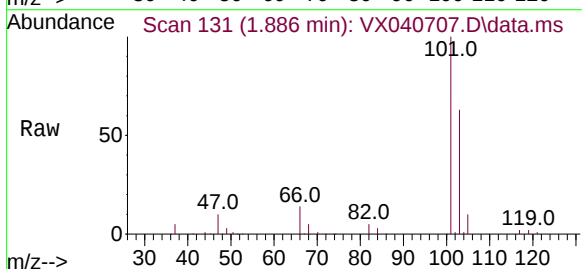
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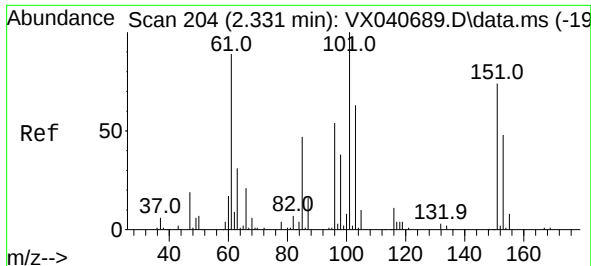
Tgt Ion:101 Resp: 76265

Ion Ratio Lower Upper

101 100

103 65.3 51.7 77.5

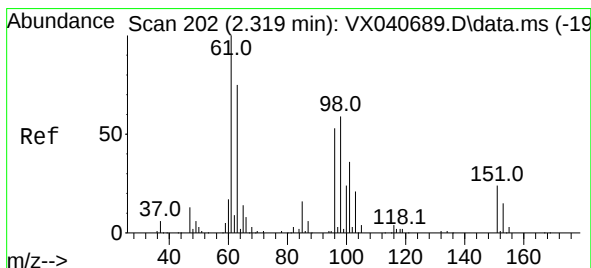
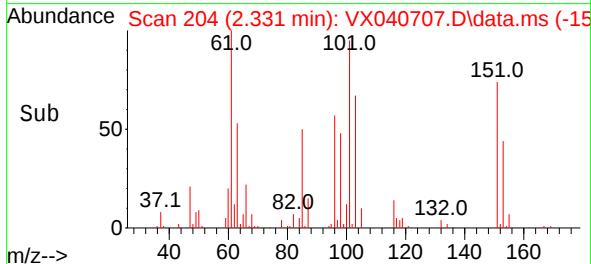
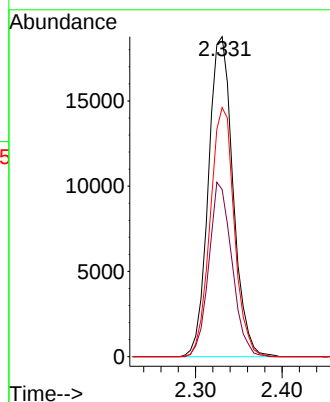
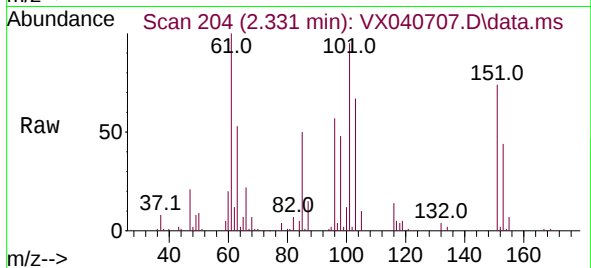




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 38.954 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX040707.D
 Acq: 18 Mar 2024 18:17

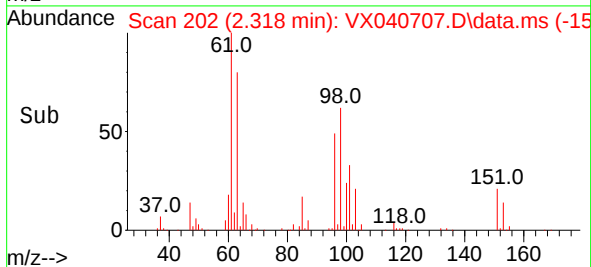
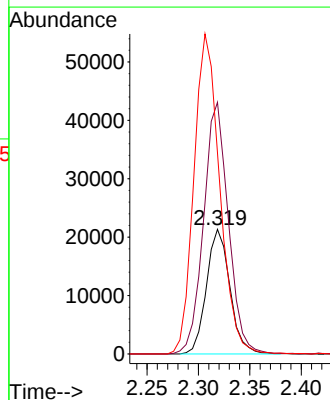
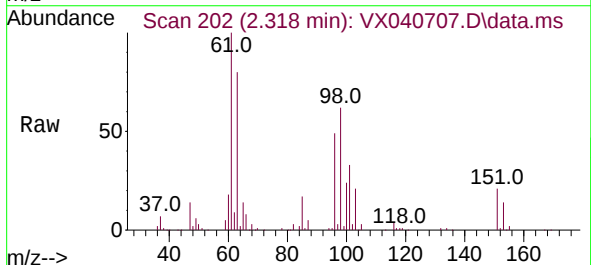
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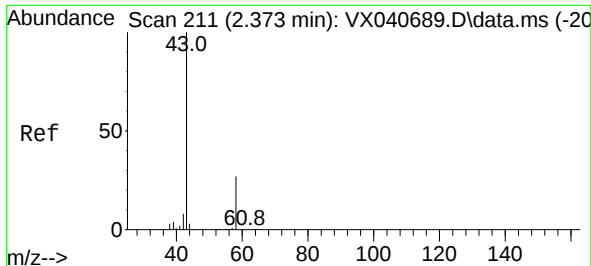
Tgt Ion:101 Resp: 37078
 Ion Ratio Lower Upper
 101 100
 85 51.2 38.3 57.5
 151 76.3 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 40.385 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX040707.D
 Acq: 18 Mar 2024 18:17

Tgt Ion: 96 Resp: 33821
 Ion Ratio Lower Upper
 96 100
 61 202.0 134.8 250.4
 63 161.5 92.5 171.9





#13

Acetone

Concen: 68.402 ug/L

RT: 2.379 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

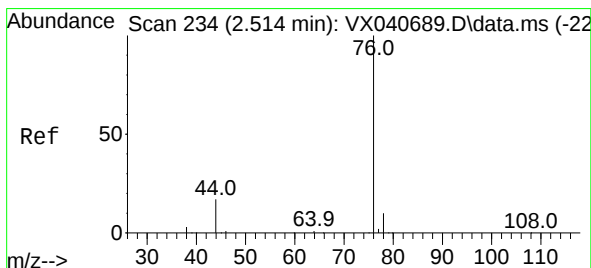
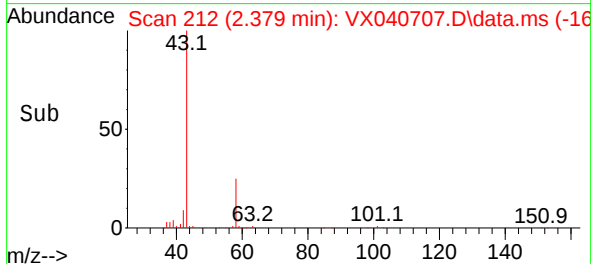
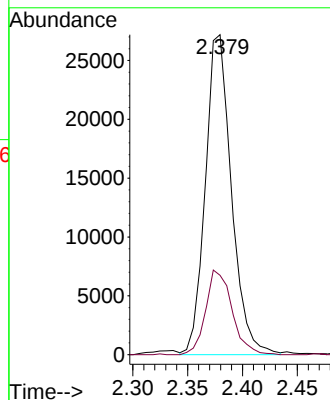
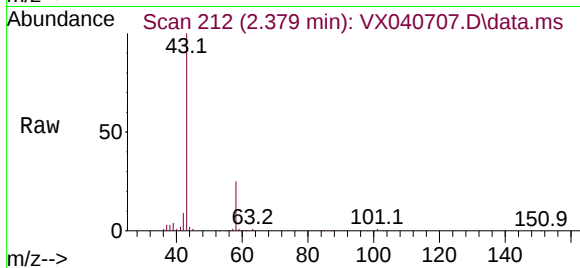
ClientSampleId :

Tgt Ion: 43 Resp: 45143

Ion Ratio Lower Upper

43 100

58 26.6 0.0 54.6



#14

Carbon disulfide

Concen: 40.634 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX040707.D

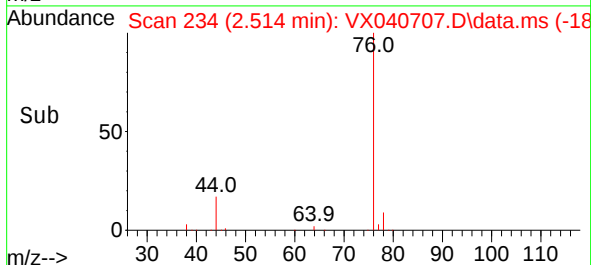
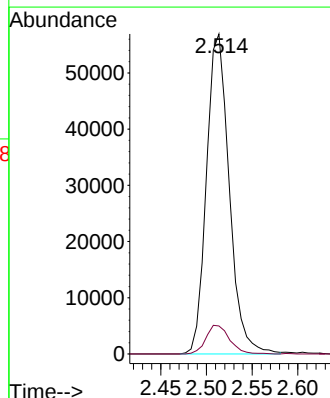
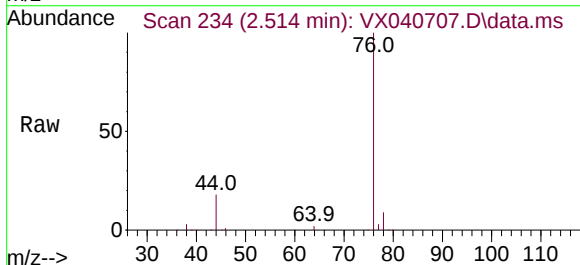
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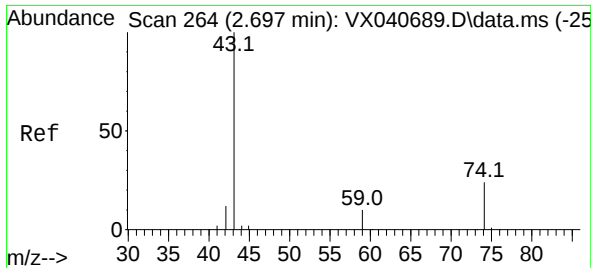
Tgt Ion: 76 Resp: 98466

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8





#15

Methyl Acetate

Concen: 50.783 ug/L

RT: 2.703 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

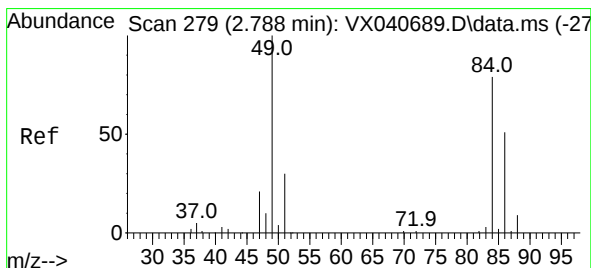
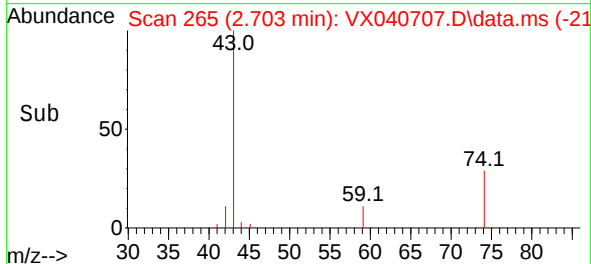
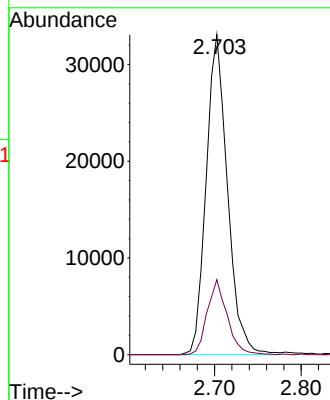
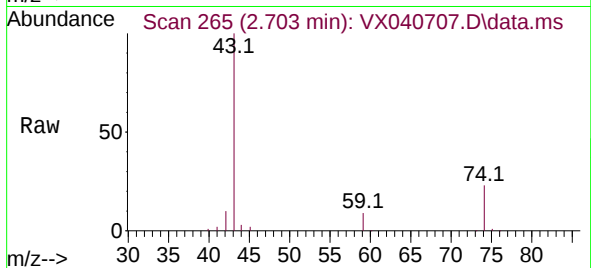
ClientSampleId :

Tgt Ion: 43 Resp: 56580

Ion Ratio Lower Upper

43 100

74 22.0 17.6 26.4



#16

Methylene chloride

Concen: 49.743 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

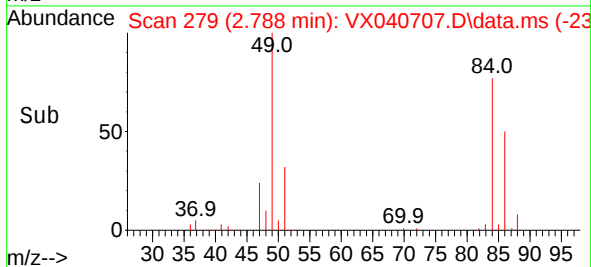
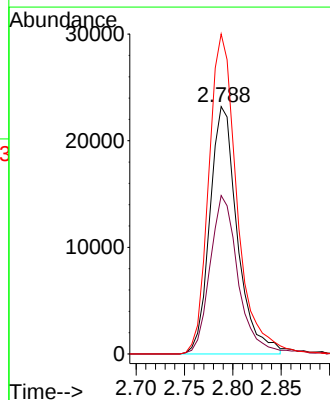
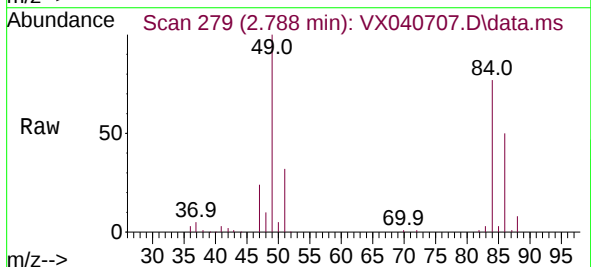
Tgt Ion: 84 Resp: 45876

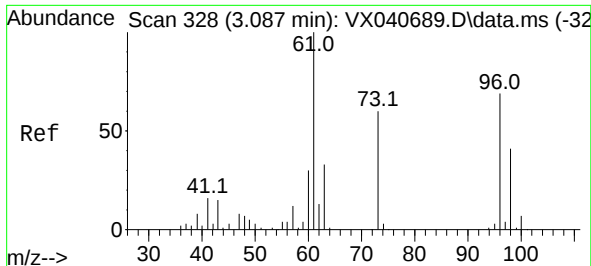
Ion Ratio Lower Upper

84 100

86 64.1 45.8 85.2

49 129.4 92.6 172.0

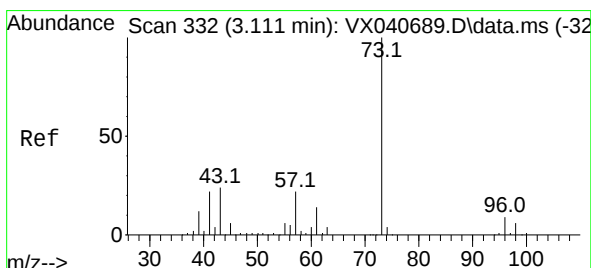
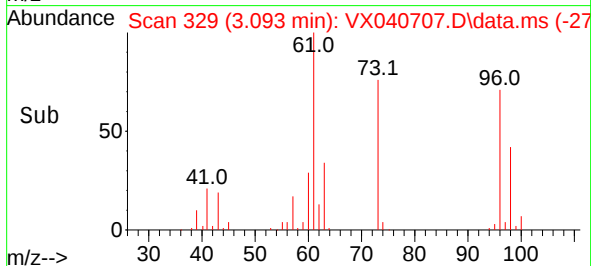
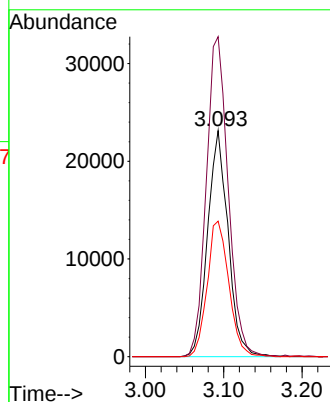
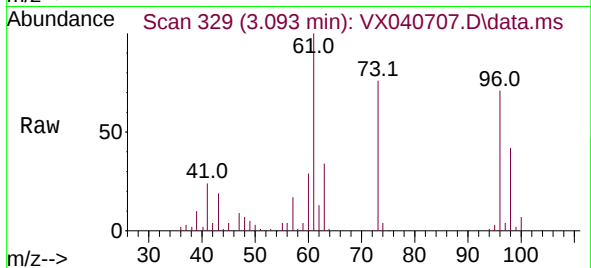




#17
trans-1,2-Dichloroethene
Concen: 48.855 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040707.D
Acq: 18 Mar 2024 18:17

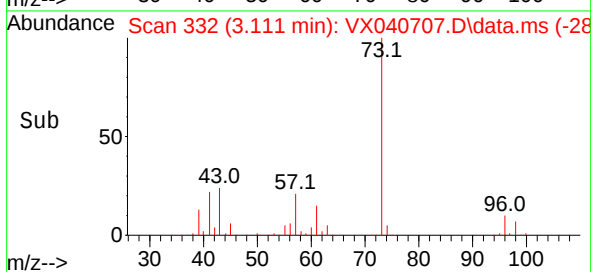
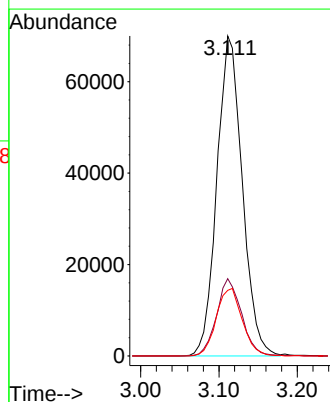
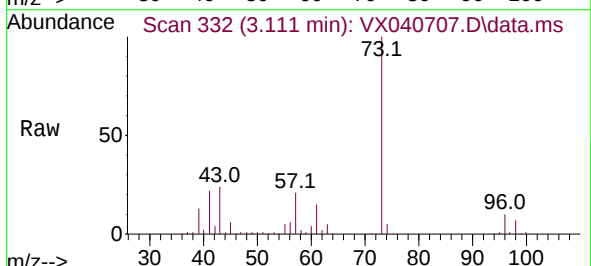
Instrument :
MSVOA_X
ClientSampleId :

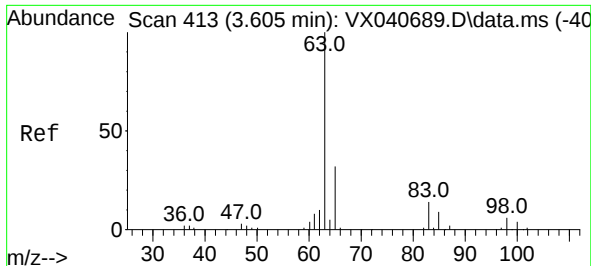
Tgt Ion: 96 Resp: 42003
Ion Ratio Lower Upper
96 100
61 141.5 106.6 198.0
98 59.9 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 53.087 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040707.D
Acq: 18 Mar 2024 18:17

Tgt Ion: 73 Resp: 157846
Ion Ratio Lower Upper
73 100
43 23.7 19.3 28.9
57 21.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 52.138 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

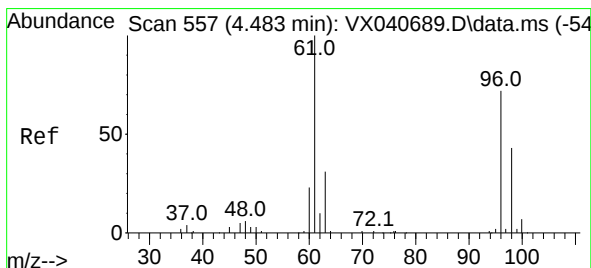
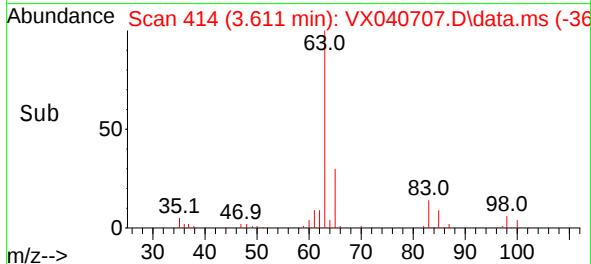
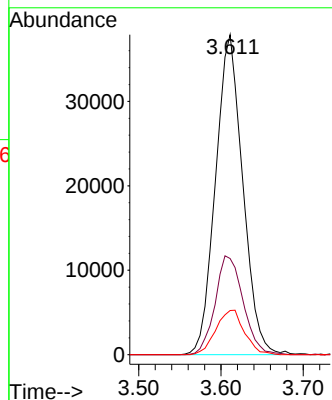
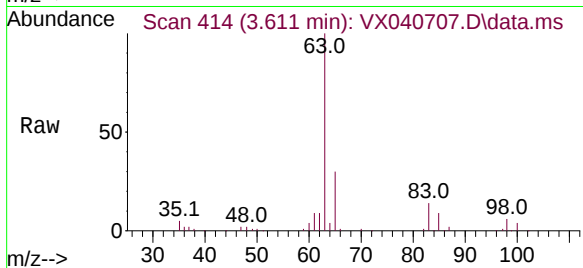
Tgt Ion: 63 Resp: 87097

Ion Ratio Lower Upper

63 100

65 30.0 23.1 42.9

83 13.8 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 51.193 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

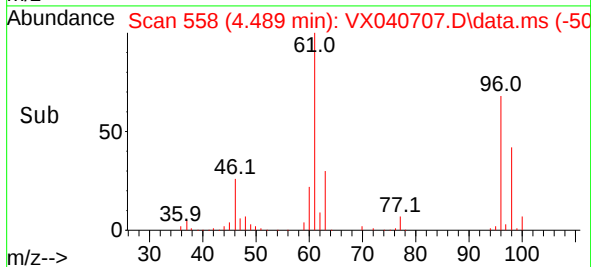
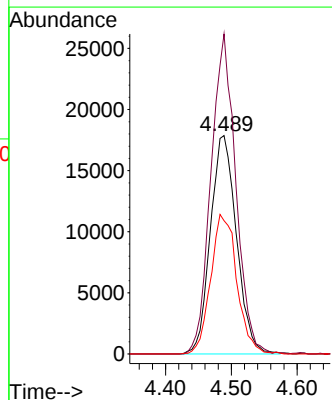
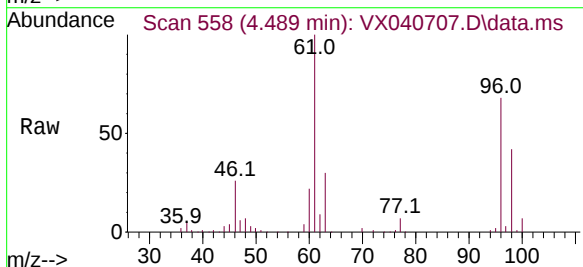
Tgt Ion: 96 Resp: 49353

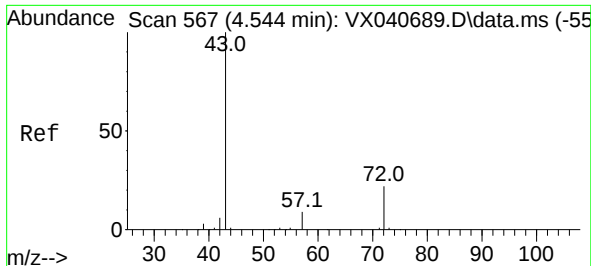
Ion Ratio Lower Upper

96 100

61 146.5 93.0 172.8

98 61.0 42.4 78.6





#22

2-Butanone

Concen: 93.945 ug/L

RT: 4.556 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

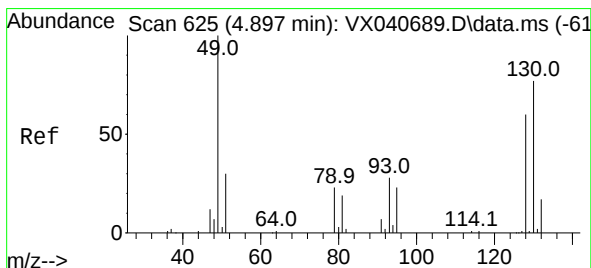
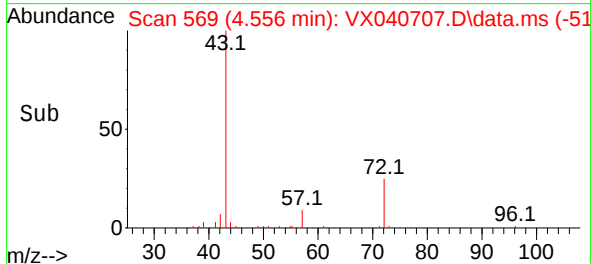
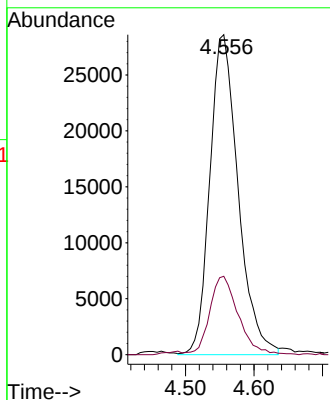
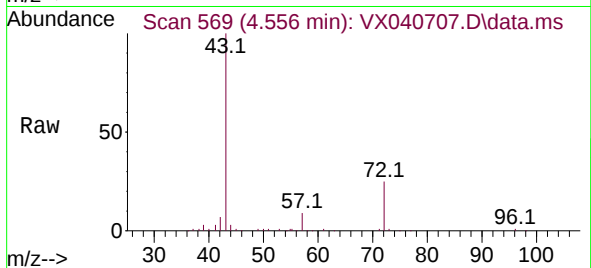
ClientSampleId :

Tgt Ion: 43 Resp: 82098

Ion Ratio Lower Upper

43 100

72 24.7 12.4 37.2



#23

Bromochloromethane

Concen: 51.084 ug/L

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Tgt Ion:128 Resp: 25118

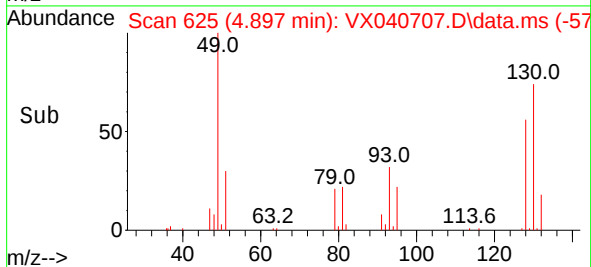
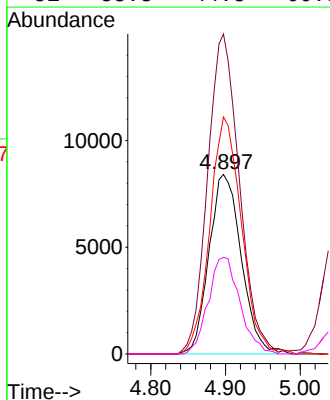
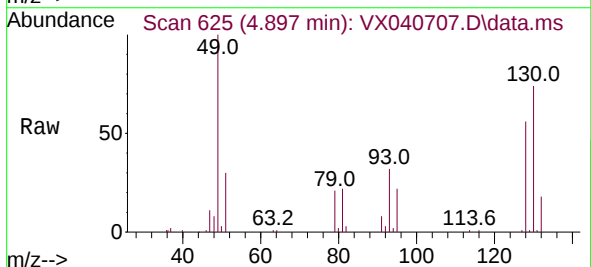
Ion Ratio Lower Upper

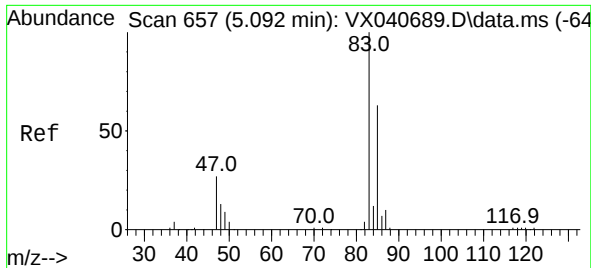
128 100

49 178.2 118.1 219.3

130 132.0 89.4 166.0

51 53.8 44.3 66.5





#25

Chloroform

Concen: 51.409 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

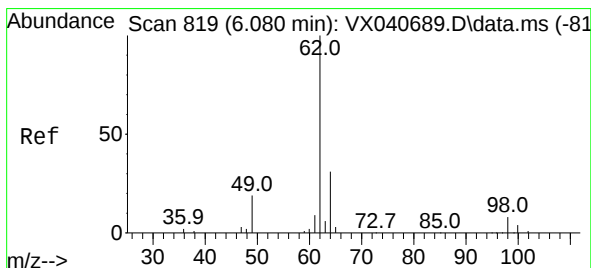
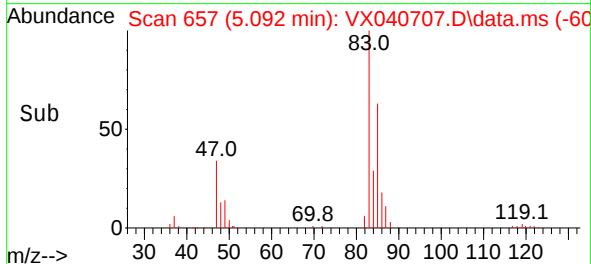
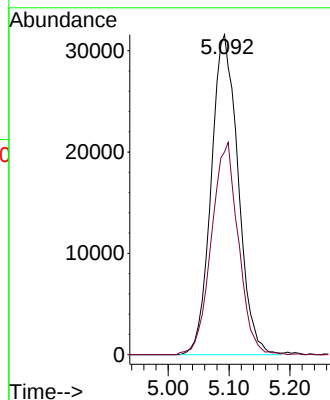
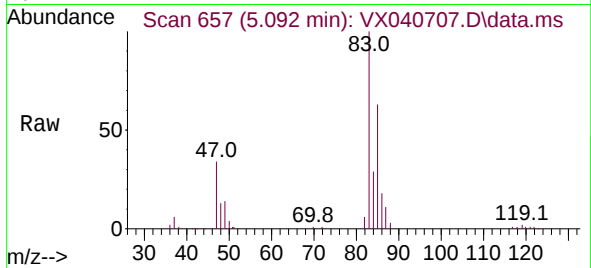
ClientSampleId :

Tgt Ion: 83 Resp: 96912

Ion Ratio Lower Upper

83 100

85 63.4 45.4 84.4



#27

1,2-Dichloroethane

Concen: 52.005 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX040707.D

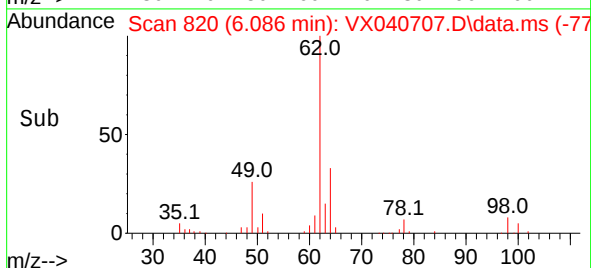
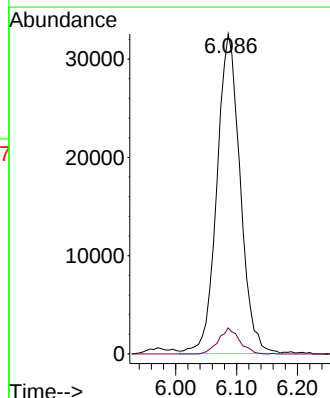
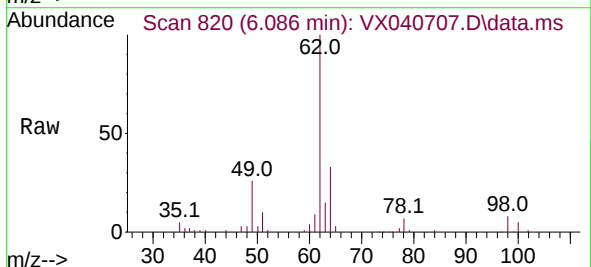
Acq: 18 Mar 2024 18:17

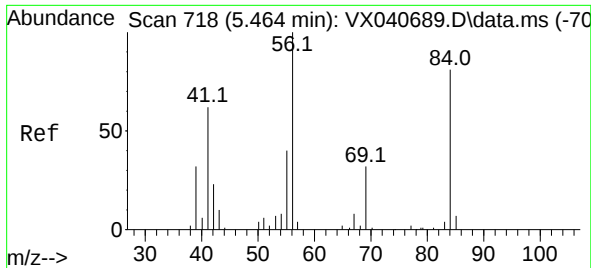
Tgt Ion: 62 Resp: 86154

Ion Ratio Lower Upper

62 100

98 8.1 5.8 8.6

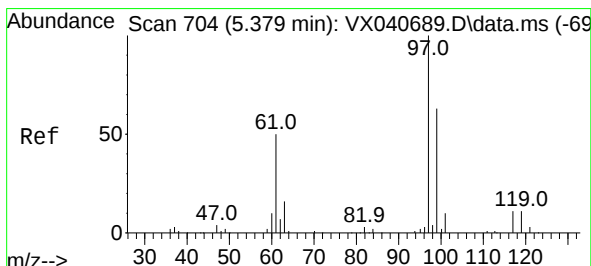
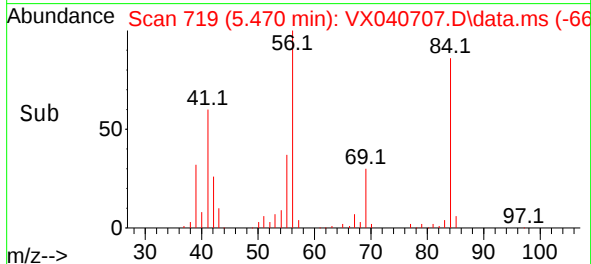
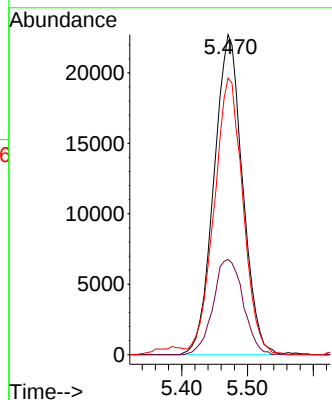
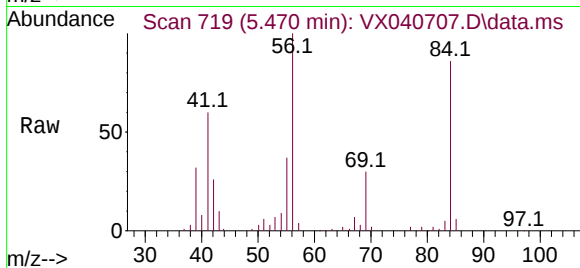




#29
Cyclohexane
Concen: 47.979 ug/L
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040707.D
Acq: 18 Mar 2024 18:17

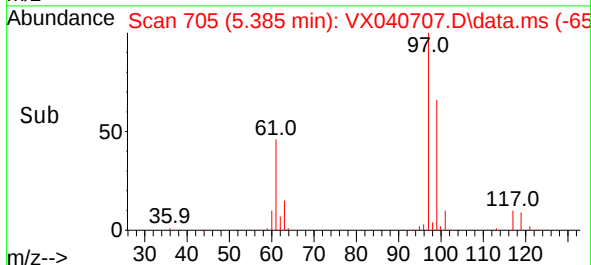
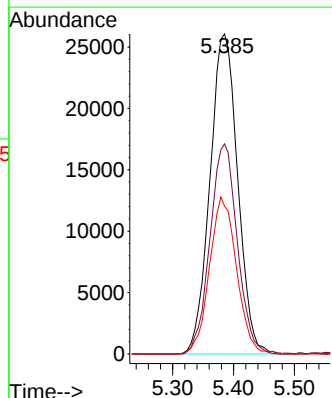
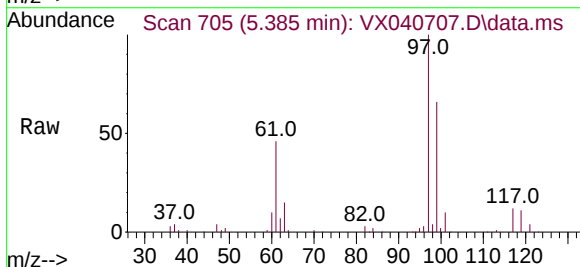
Instrument :
MSVOA_X
ClientSampleId :

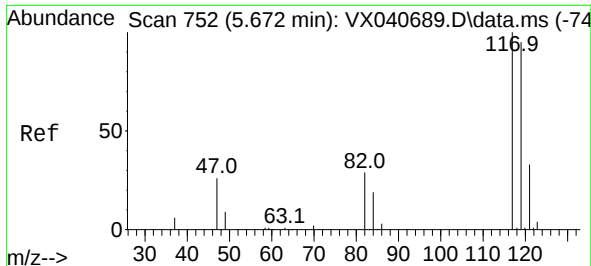
Tgt Ion: 56 Resp: 68807
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.4
84 86.0 70.6 105.8



#30
1,1,1-Trichloroethane
Concen: 50.810 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040707.D
Acq: 18 Mar 2024 18:17

Tgt Ion: 97 Resp: 82591
Ion Ratio Lower Upper
97 100
99 64.6 52.1 78.1
61 47.8 38.3 57.5

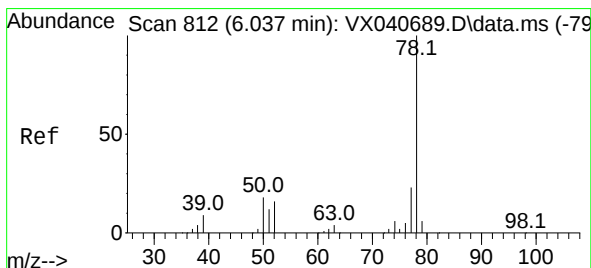
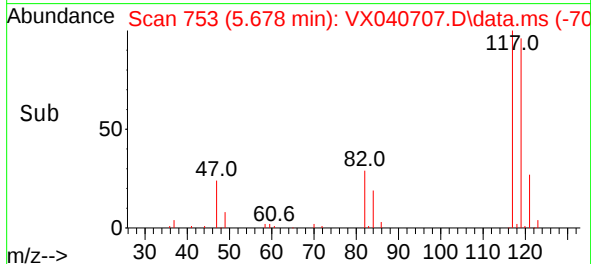
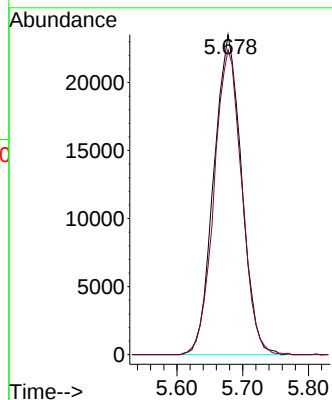
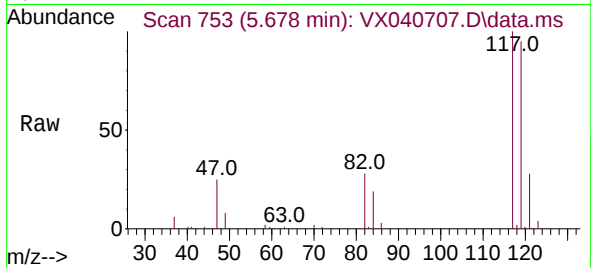




#31
Carbon tetrachloride
Concen: 50.557 ug/L
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX040707.D
Acq: 18 Mar 2024 18:17

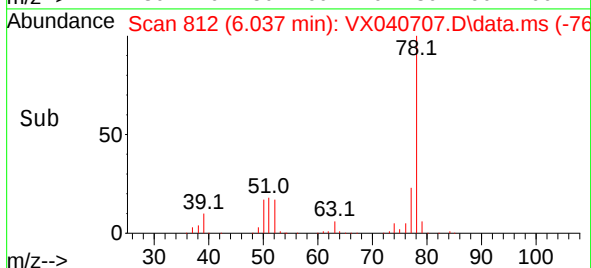
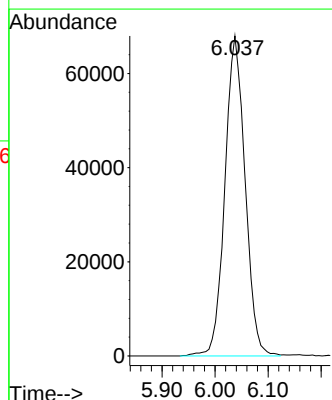
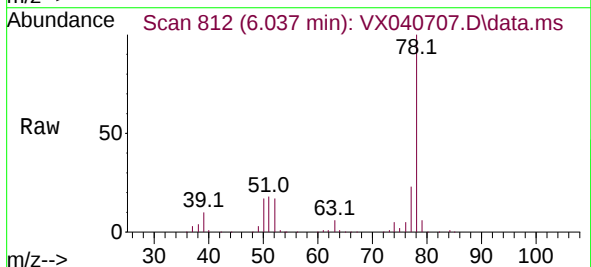
Instrument :
MSVOA_X
ClientSampleId :

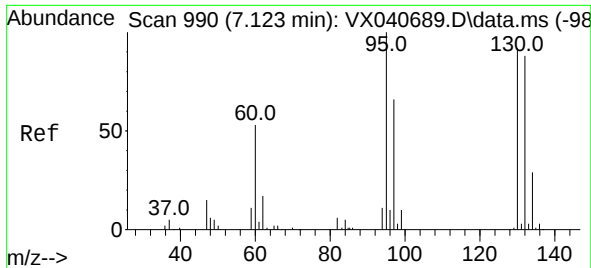
Tgt Ion:117 Resp: 68970
Ion Ratio Lower Upper
117 100
119 95.2 75.4 113.2



#33
Benzene
Concen: 51.334 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040707.D
Acq: 18 Mar 2024 18:17

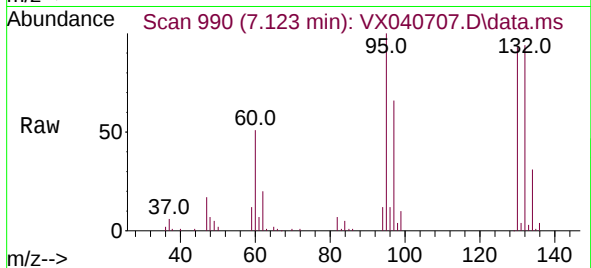
Tgt Ion: 78 Resp: 179974





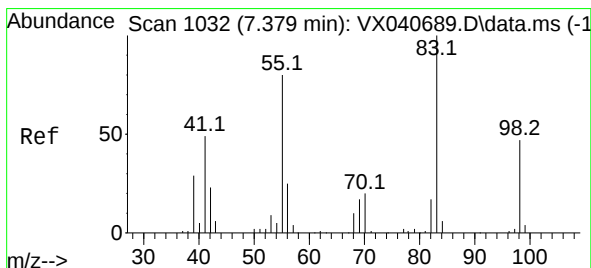
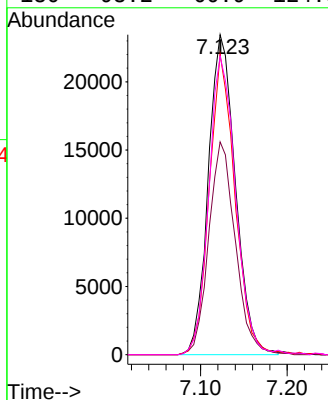
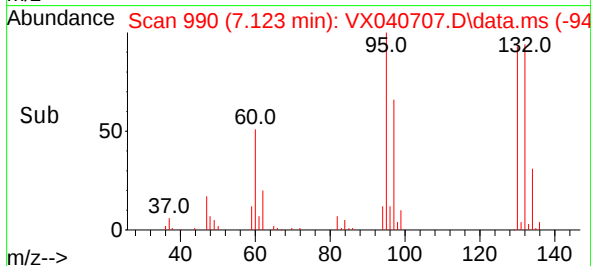
#34
Trichloroethene
Concen: 49.211 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040707.D
Acq: 18 Mar 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :

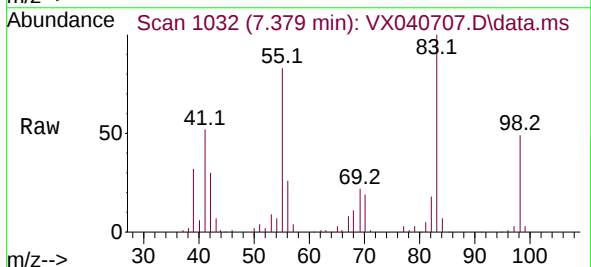


Tgt Ion: 95 Resp: 50933

Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.7	83.1
132	93.9	61.5	114.3
130	93.2	66.9	124.3

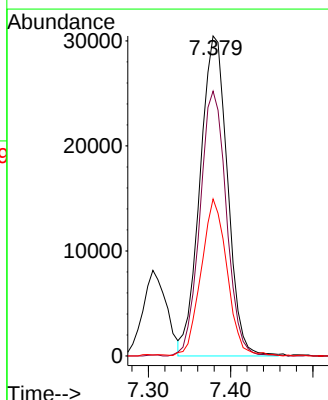
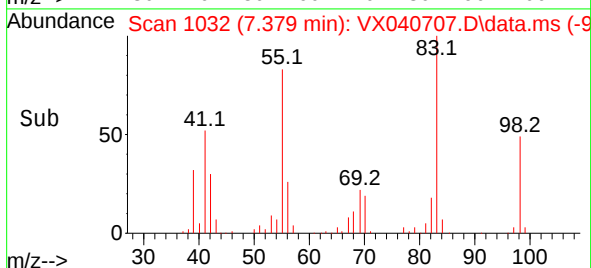


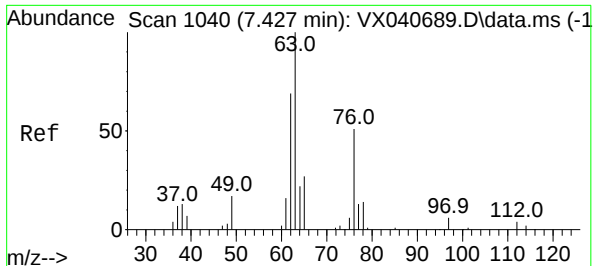
#35
Methylcyclohexane
Concen: 46.835 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040707.D
Acq: 18 Mar 2024 18:17



Tgt Ion: 83 Resp: 70839

Ion	Ratio	Lower	Upper
83	100		
55	79.4	62.6	94.0
98	45.9	37.4	56.2

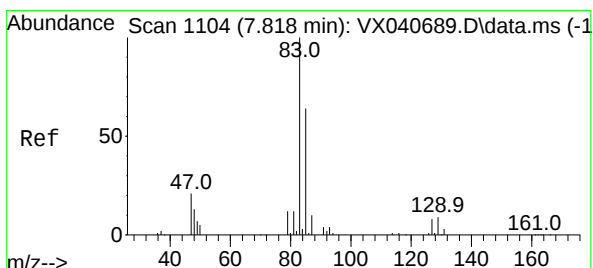
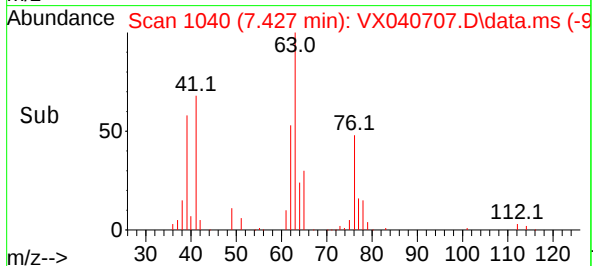
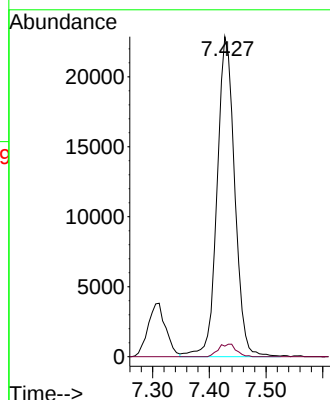
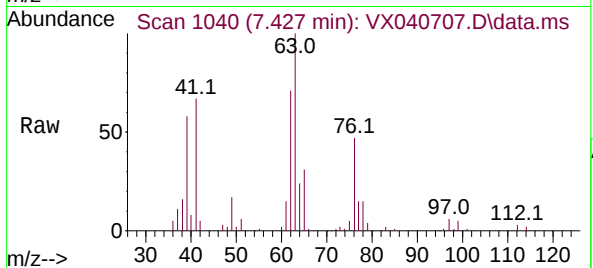




#37
1,2-Dichloropropane
Concen: 53.359 ug/L
RT: 7.427 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX040707.D
Acq: 18 Mar 2024 18:17

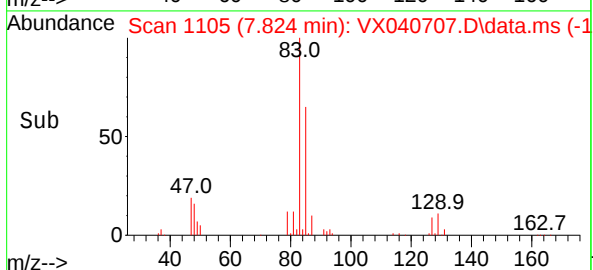
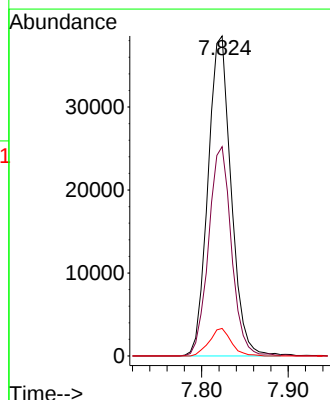
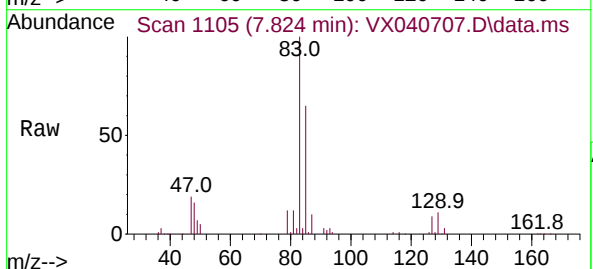
Instrument :
MSVOA_X
ClientSampleId :

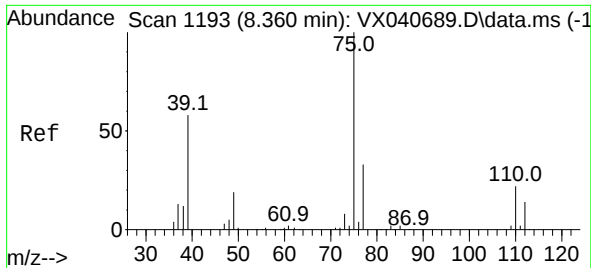
Tgt Ion: 63 Resp: 49527
Ion Ratio Lower Upper
63 100
112 1.8 3.1 4.7#



#38
Bromodichloromethane
Concen: 52.076 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040707.D
Acq: 18 Mar 2024 18:17

Tgt Ion: 83 Resp: 71491
Ion Ratio Lower Upper
83 100
85 65.4 42.8 79.4
127 8.6 6.5 9.7

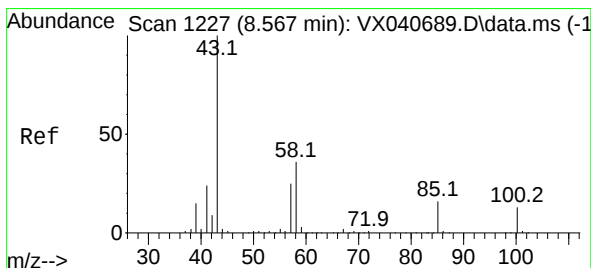
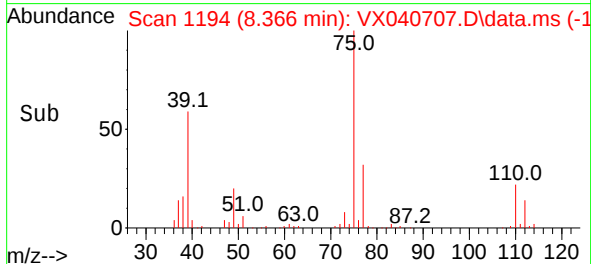
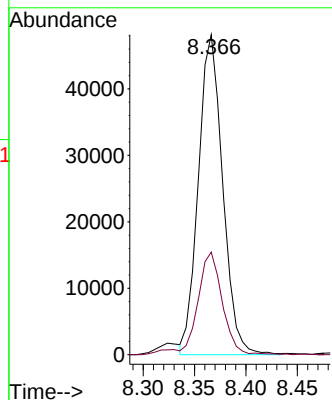
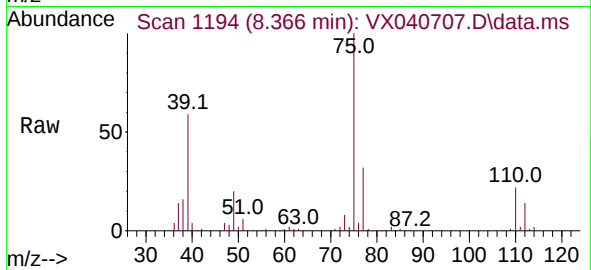




#39
 cis-1,3-Dichloropropene
 Concen: 50.858 ug/L
 RT: 8.366 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VX040707.D
 Acq: 18 Mar 2024 18:17

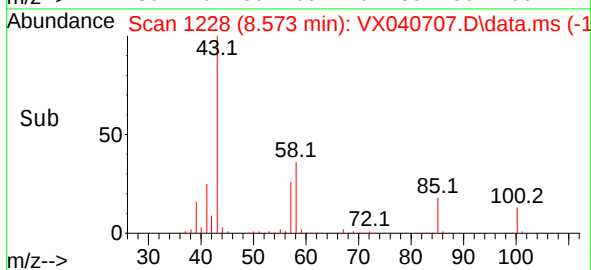
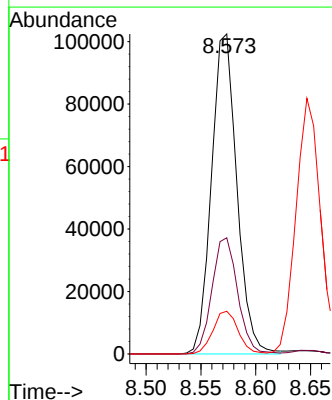
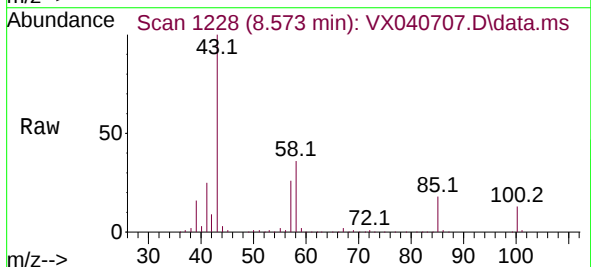
Instrument :
 MSVOA_X
 ClientSampleId :

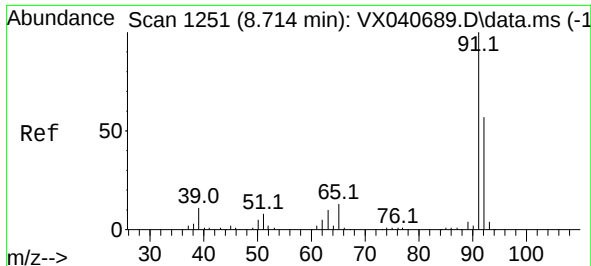
Tgt Ion: 75 Resp: 79475
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 104.024 ug/L
 RT: 8.573 min Scan# 1228
 Delta R.T. 0.006 min
 Lab File: VX040707.D
 Acq: 18 Mar 2024 18:17

Tgt Ion: 43 Resp: 165523
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.3 43.9
 100 13.3 10.7 16.1





#42

Toluene

Concen: 50.611 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

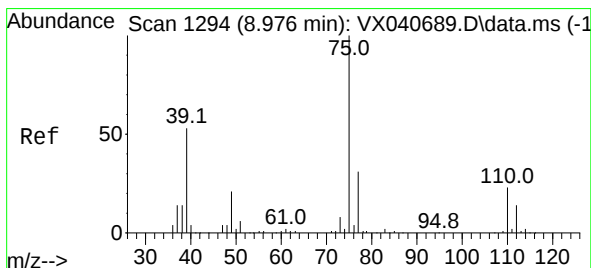
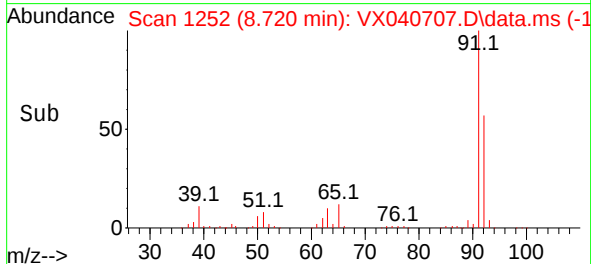
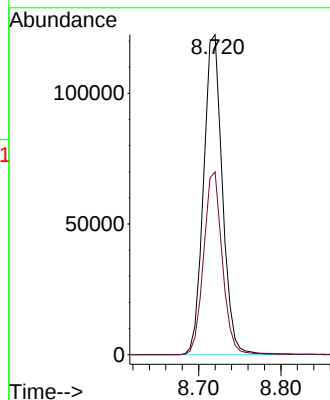
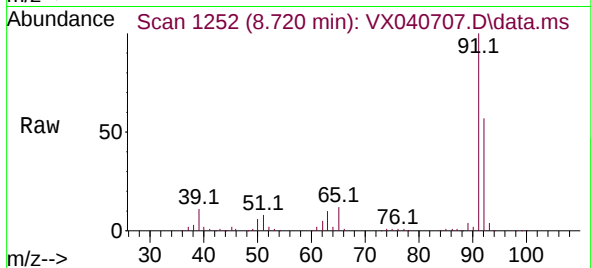
ClientSampleId :

Tgt Ion: 91 Resp: 194662

Ion Ratio Lower Upper

91 100

92 57.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 51.579 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX040707.D

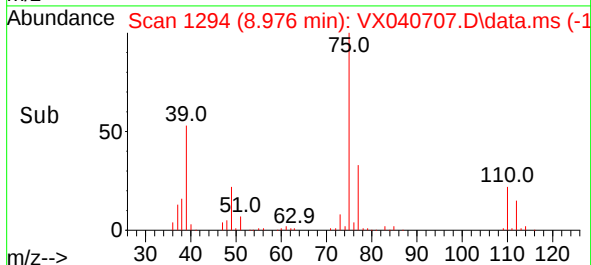
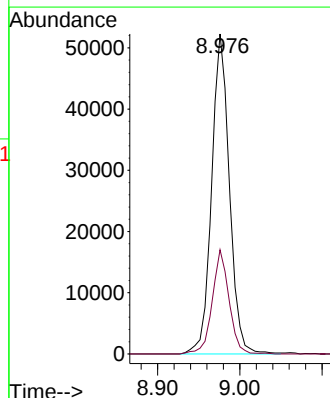
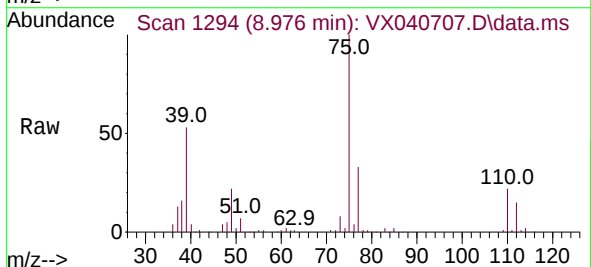
Acq: 18 Mar 2024 18:17

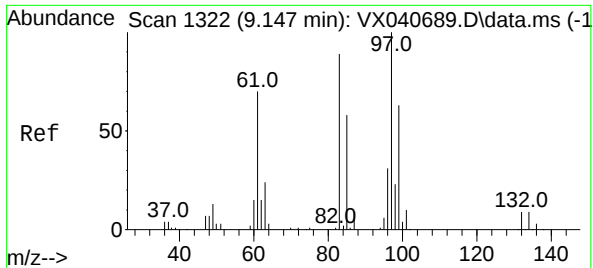
Tgt Ion: 75 Resp: 78508

Ion Ratio Lower Upper

75 100

77 32.6 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 51.711 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 49546

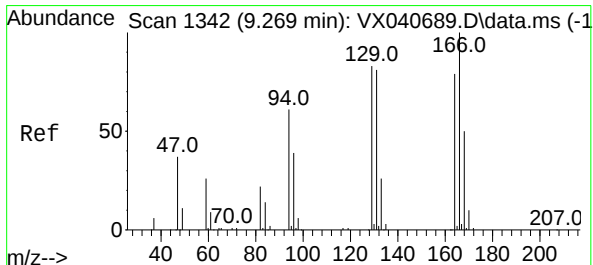
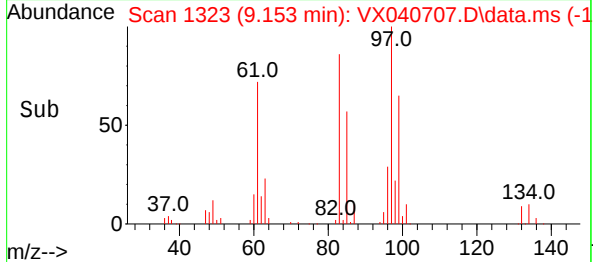
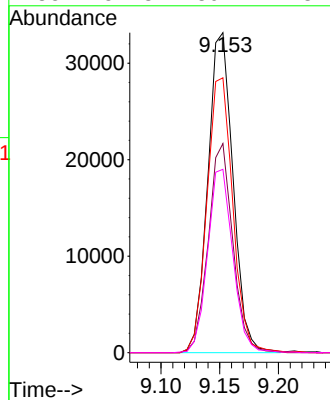
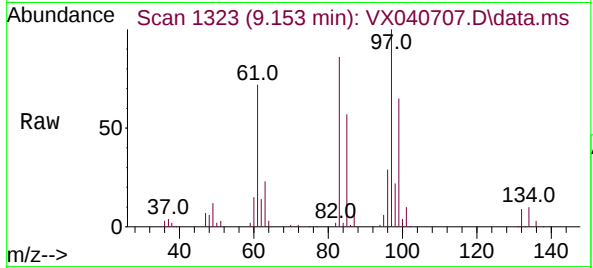
Ion Ratio Lower Upper

97 100

99 65.4 42.6 79.0

83 85.9 59.2 110.0

85 57.3 39.7 73.7



#46

Tetrachloroethene

Concen: 47.489 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Tgt Ion:164 Resp: 35290

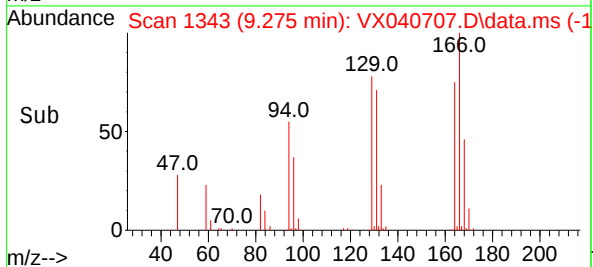
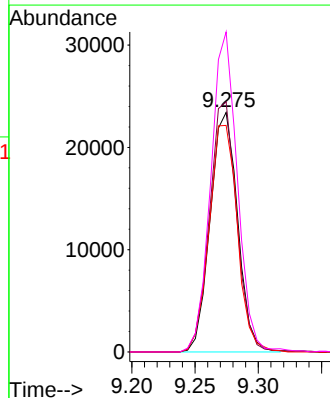
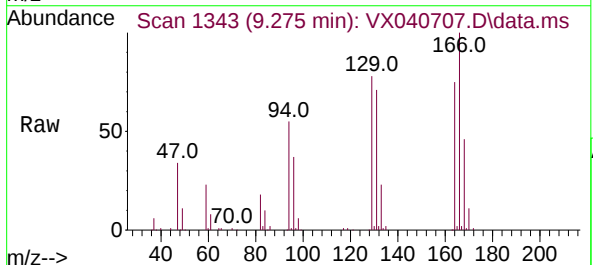
Ion Ratio Lower Upper

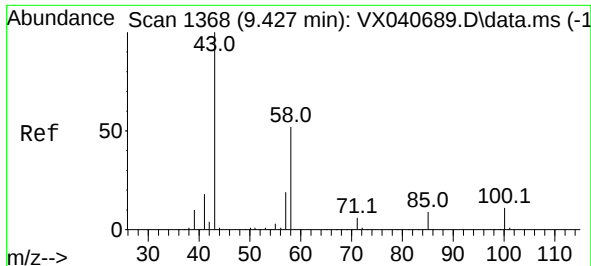
164 100

129 104.4 67.8 126.0

131 94.6 67.8 126.0

166 133.6 88.2 163.8





#48

2-Hexanone

Concen: 98.984 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 130512

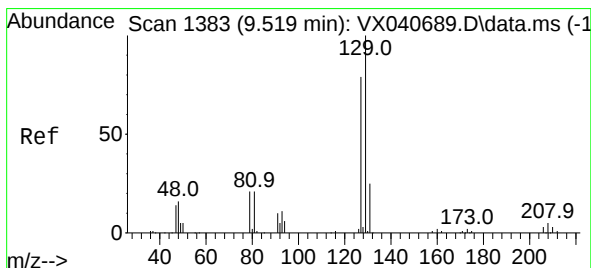
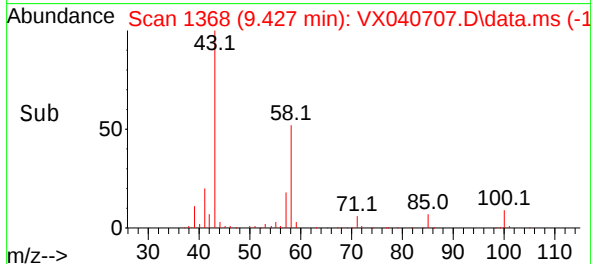
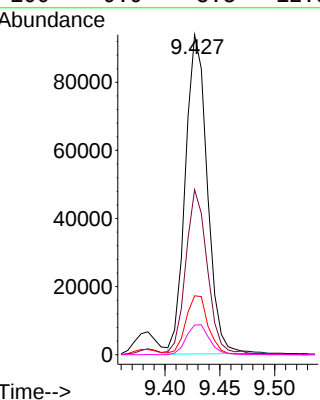
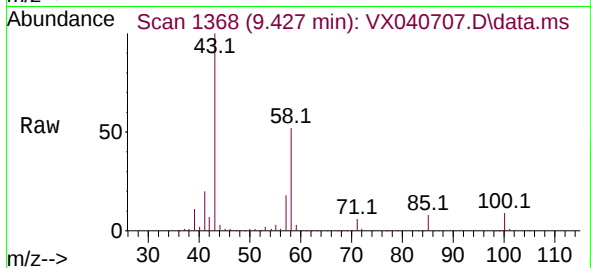
Ion Ratio Lower Upper

43 100

58 49.2 41.0 61.6

57 18.4 14.8 22.2

100 9.9 8.3 12.5



#49

Dibromochloromethane

Concen: 51.830 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX040707.D

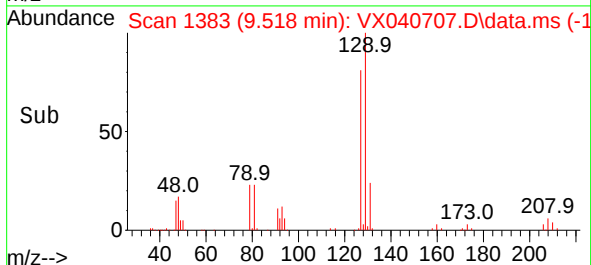
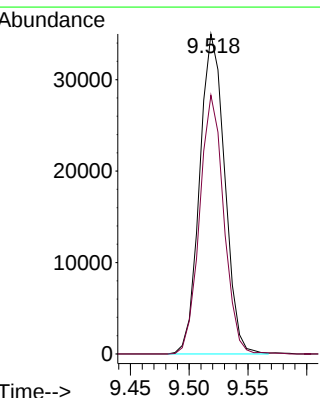
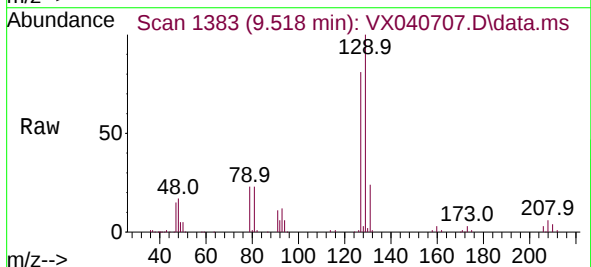
Acq: 18 Mar 2024 18:17

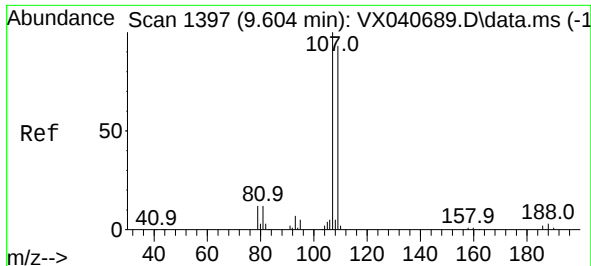
Tgt Ion:129 Resp: 51889

Ion Ratio Lower Upper

129 100

127 80.8 55.8 103.6

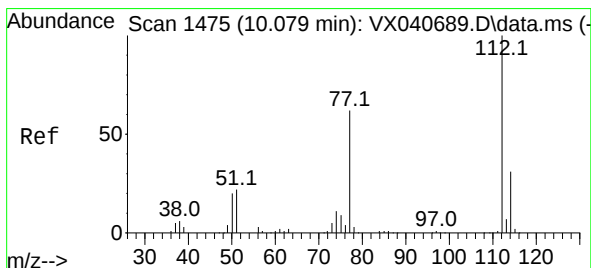
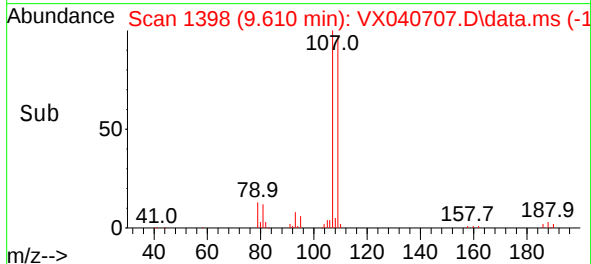
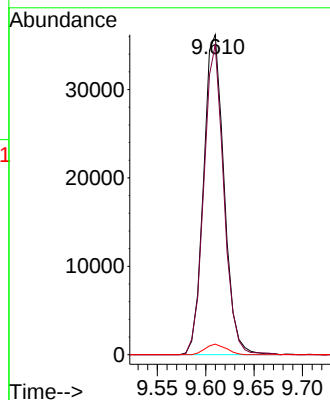
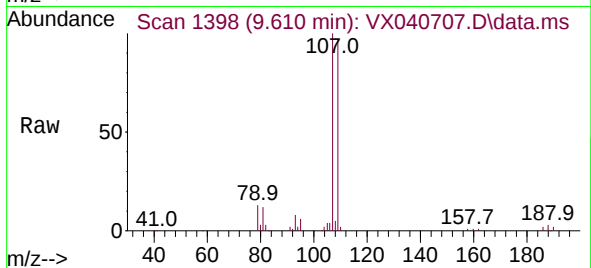




#50
1,2-Dibromoethane
Concen: 51.884 ug/L
RT: 9.610 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX040707.D
Acq: 18 Mar 2024 18:17

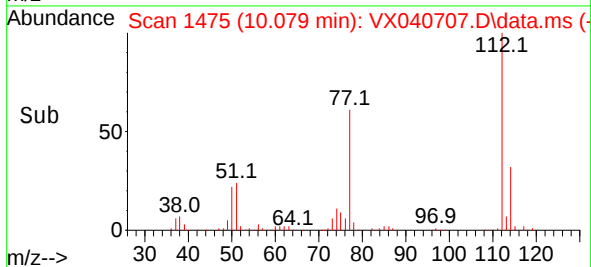
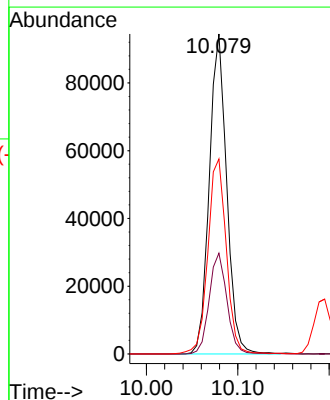
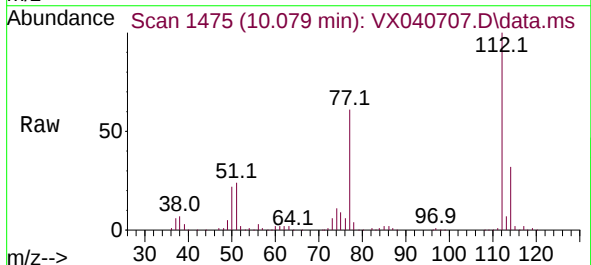
Instrument :
MSVOA_X
ClientSampleId :

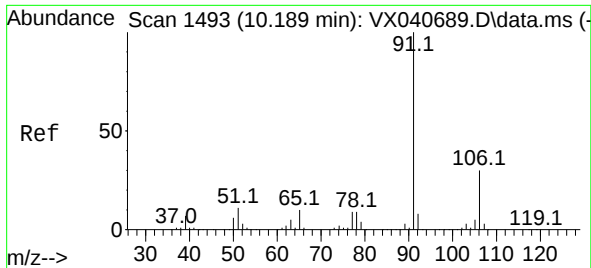
Tgt Ion:107 Resp: 53461
Ion Ratio Lower Upper
107 100
109 96.9 62.9 116.7
188 3.3 2.5 3.7



#51
Chlorobenzene
Concen: 50.018 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040707.D
Acq: 18 Mar 2024 18:17

Tgt Ion:112 Resp: 124639
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 60.9 50.6 75.8





#52

Ethylbenzene

Concen: 49.973 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

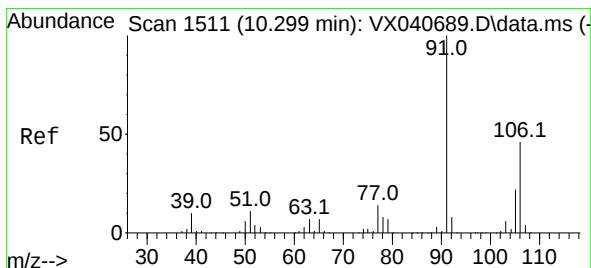
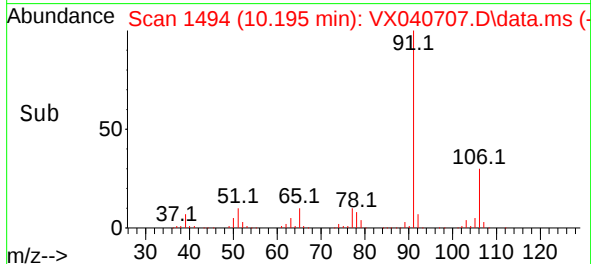
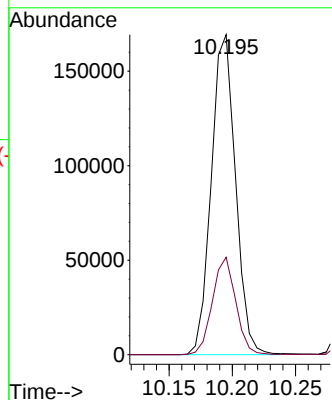
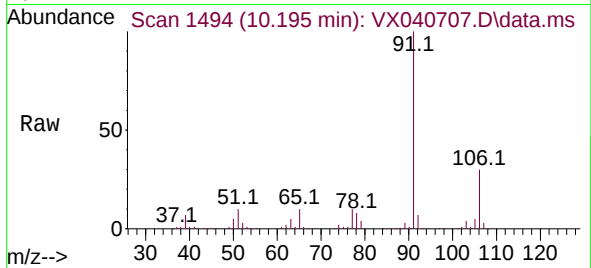
ClientSampleId :

Tgt Ion: 91 Resp: 225875

Ion Ratio Lower Upper

91 100

106 30.5 20.6 38.4



#53

m,p-Xylene

Concen: 49.689 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040707.D

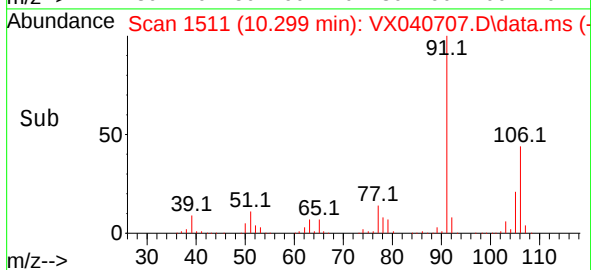
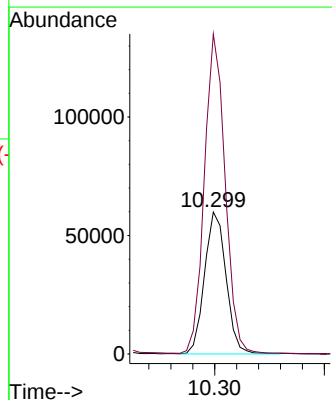
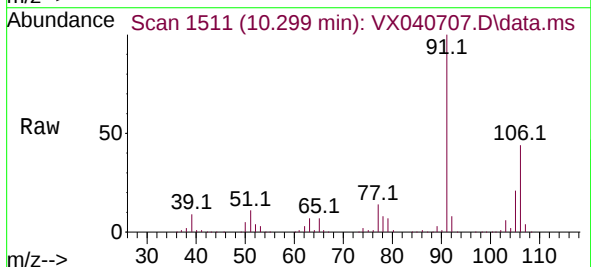
Acq: 18 Mar 2024 18:17

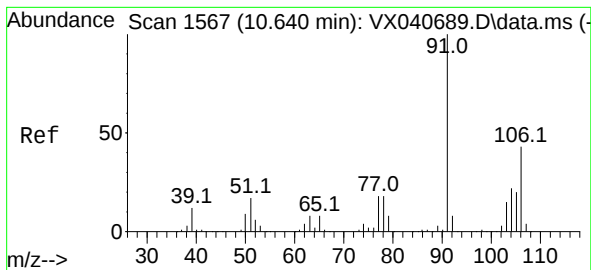
Tgt Ion:106 Resp: 81647

Ion Ratio Lower Upper

106 100

91 225.6 160.4 298.0





#54

o-Xylene

Concen: 50.810 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

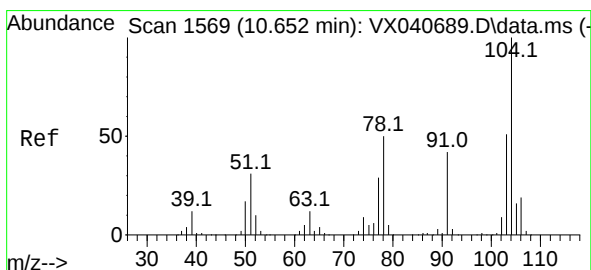
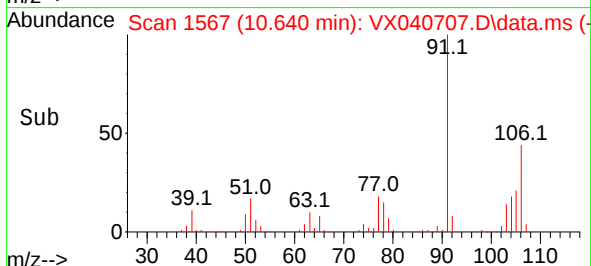
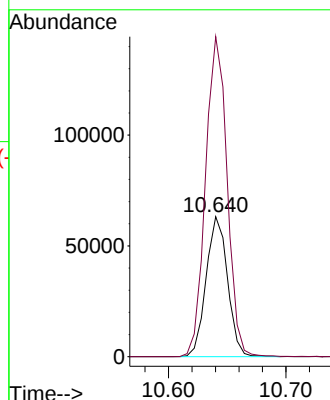
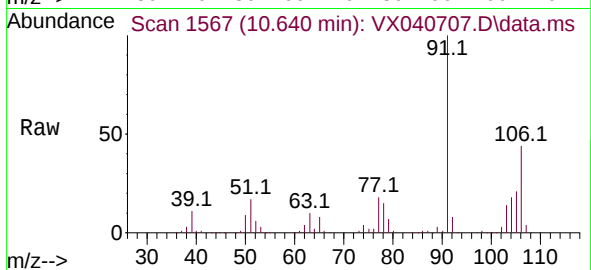
ClientSampleId :

Tgt Ion:106 Resp: 80143

Ion Ratio Lower Upper

106 100

91 228.4 161.7 300.3



#55

Styrene

Concen: 52.145 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX040707.D

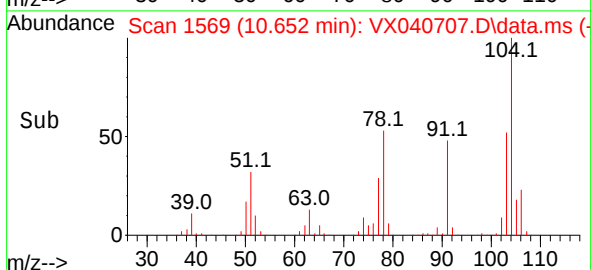
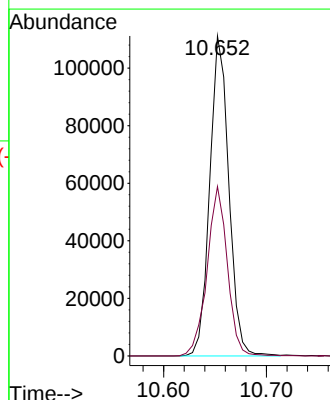
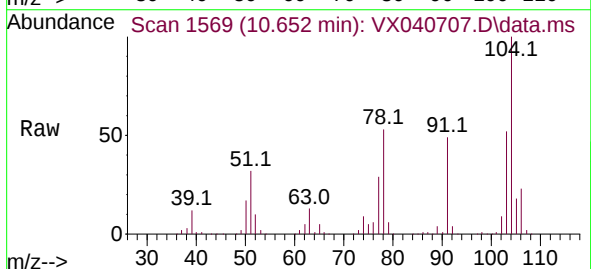
Acq: 18 Mar 2024 18:17

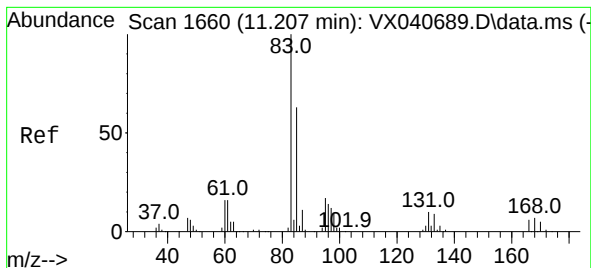
Tgt Ion:104 Resp: 143325

Ion Ratio Lower Upper

104 100

78 53.0 37.2 69.0





#57

1,1,2,2-Tetrachloroethane

Concen: 52.448 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

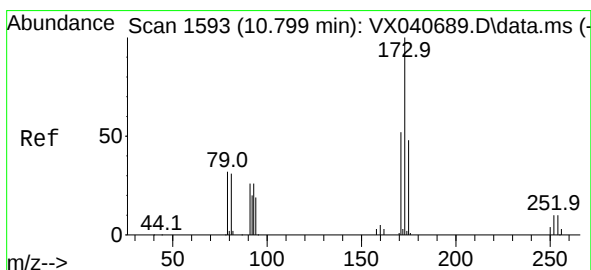
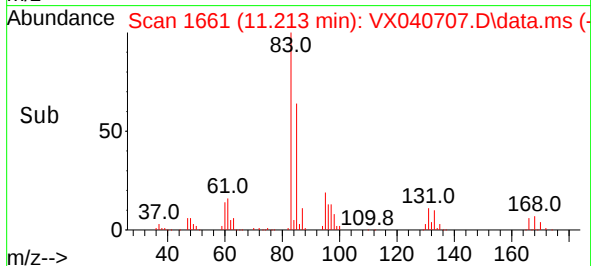
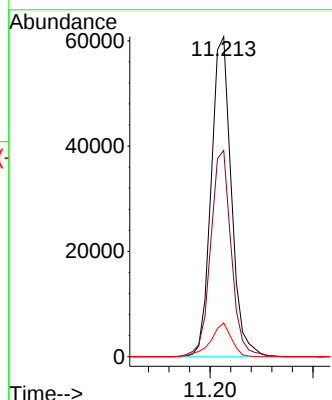
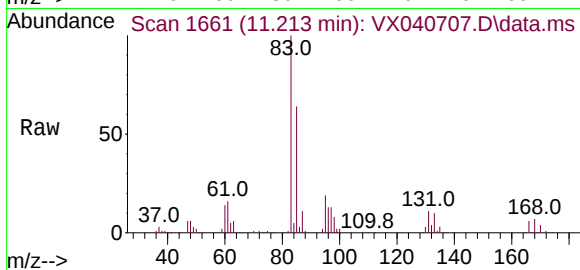
Tgt Ion: 83 Resp: 82829

Ion Ratio Lower Upper

83 100

85 64.5 45.2 84.0

131 10.6 8.2 12.2



#59

Bromoform

Concen: 50.481 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

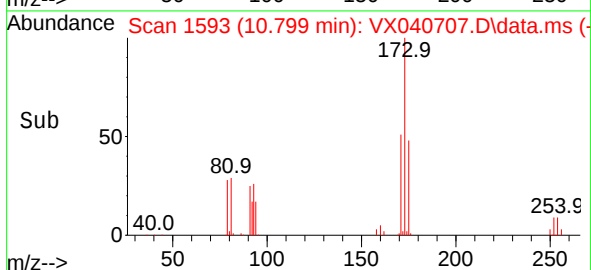
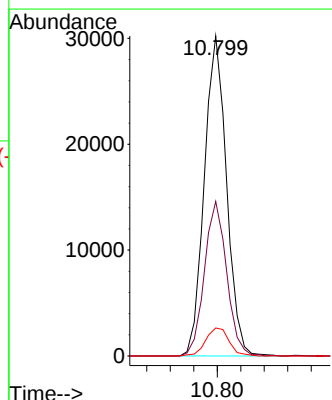
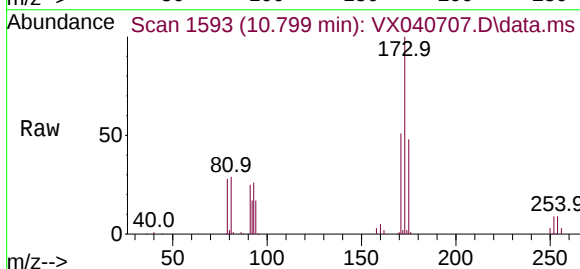
Tgt Ion:173 Resp: 39598

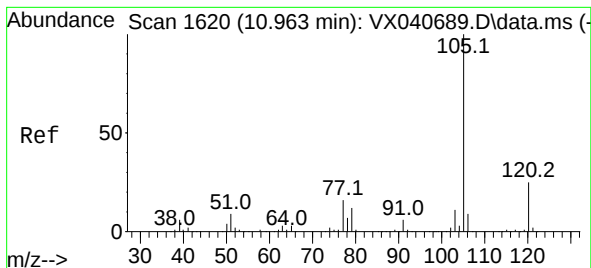
Ion Ratio Lower Upper

173 100

175 48.3 39.4 59.0

254 9.2 7.9 11.9





#60

Isopropylbenzene

Concen: 48.850 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

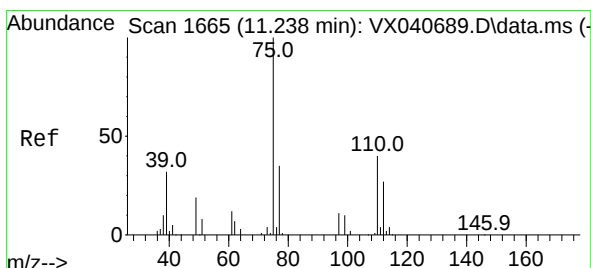
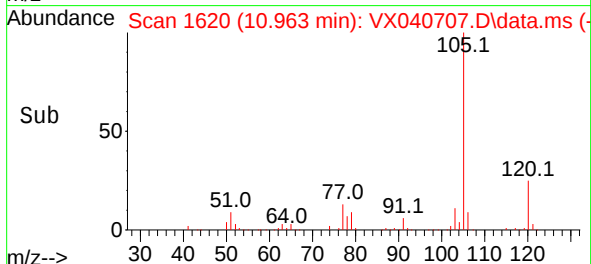
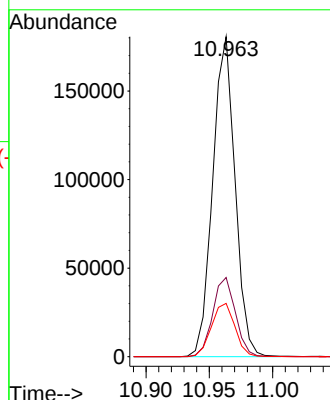
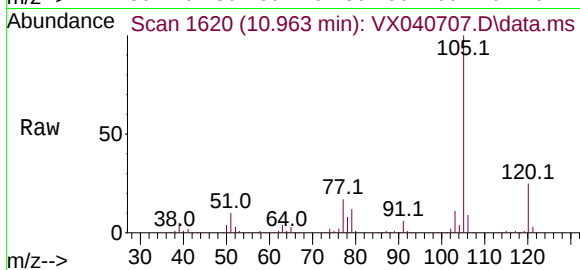
Tgt Ion:105 Resp: 221805

Ion Ratio Lower Upper

105 100

120 25.2 20.1 30.1

77 17.6 13.9 20.9



#61

1,2,3-Trichloropropane

Concen: 50.126 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

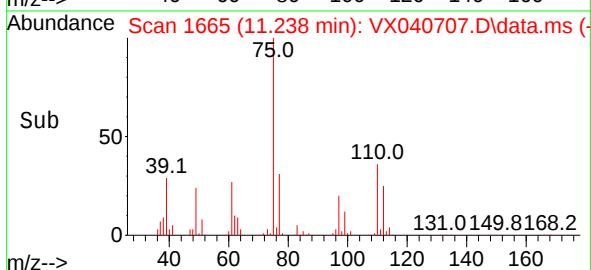
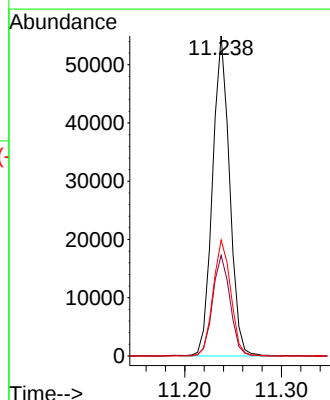
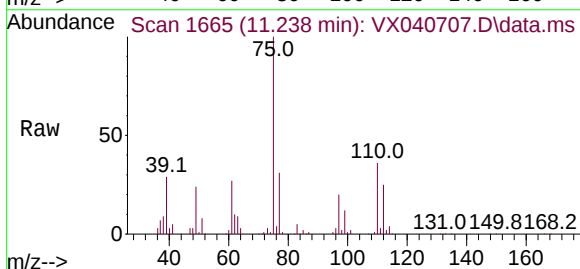
Tgt Ion: 75 Resp: 67554

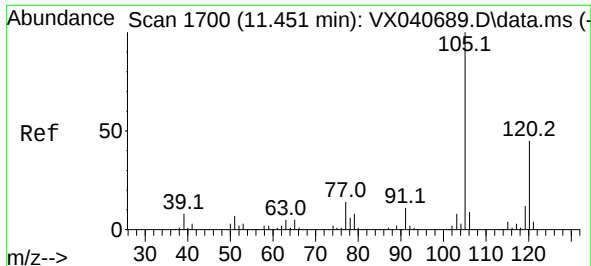
Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

110 37.4 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 49.614 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

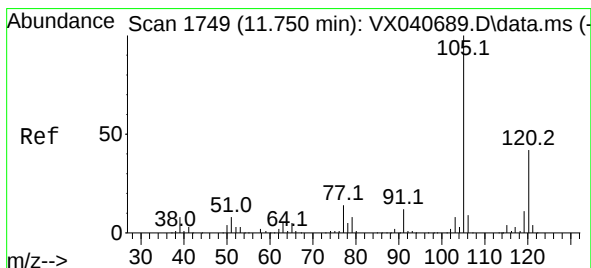
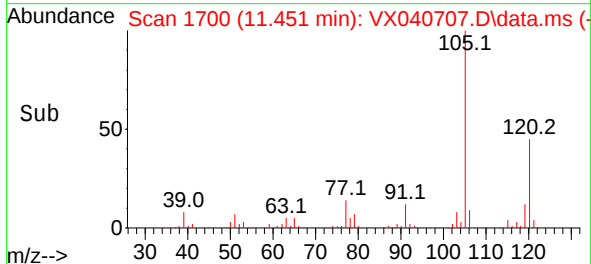
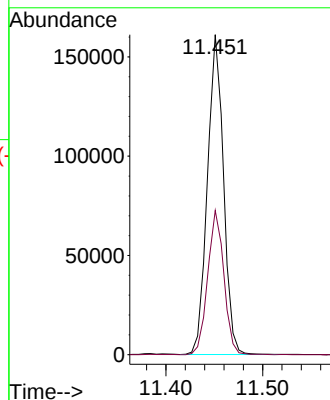
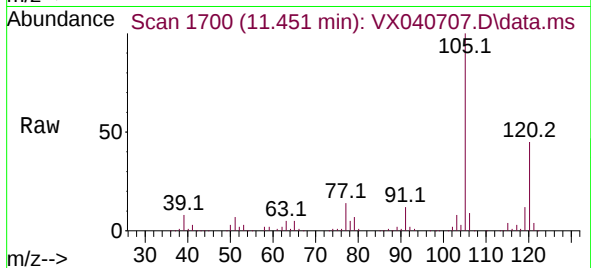
ClientSampleId :

Tgt Ion:105 Resp: 186773

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 49.620 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040707.D

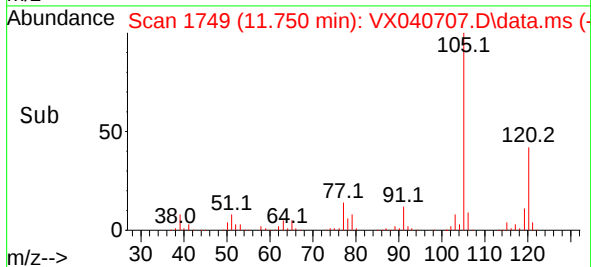
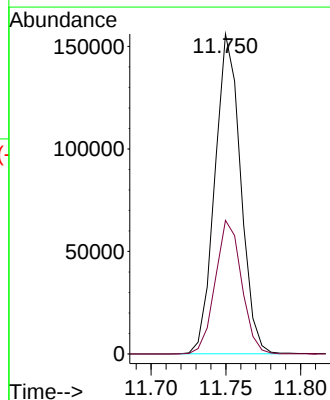
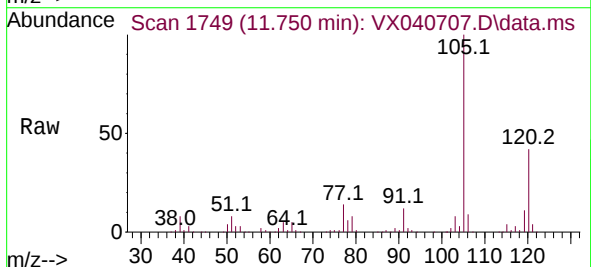
Acq: 18 Mar 2024 18:17

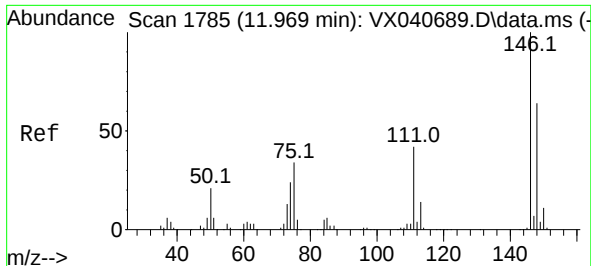
Tgt Ion:105 Resp: 186785

Ion Ratio Lower Upper

105 100

120 42.5 33.9 50.9





#64

1,3-Dichlorobenzene

Concen: 49.176 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

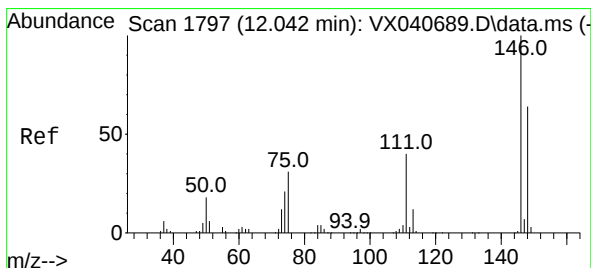
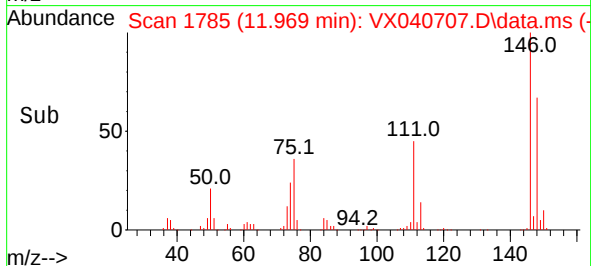
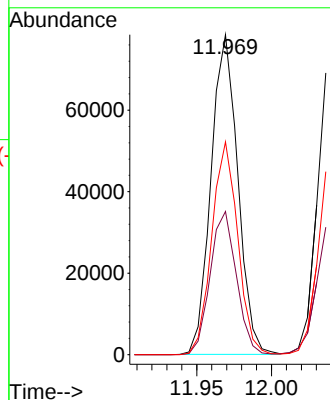
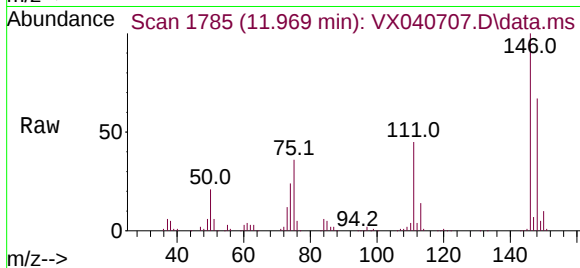
Tgt Ion:146 Resp: 97754

Ion Ratio Lower Upper

146 100

111 44.7 30.0 55.6

148 66.5 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 49.299 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

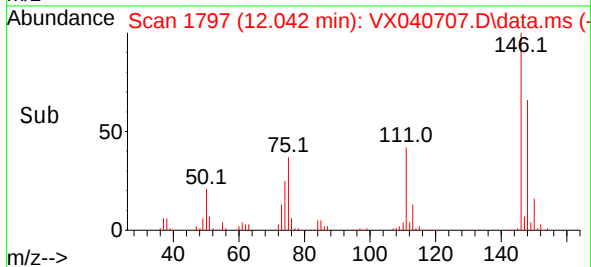
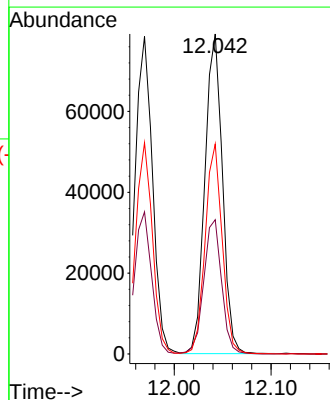
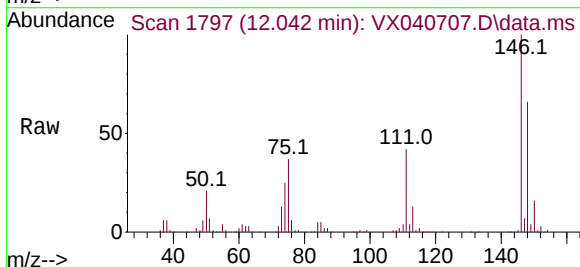
Tgt Ion:146 Resp: 99659

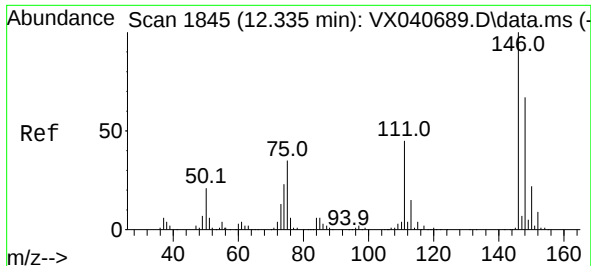
Ion Ratio Lower Upper

146 100

111 42.0 28.8 53.4

148 65.6 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 51.901 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

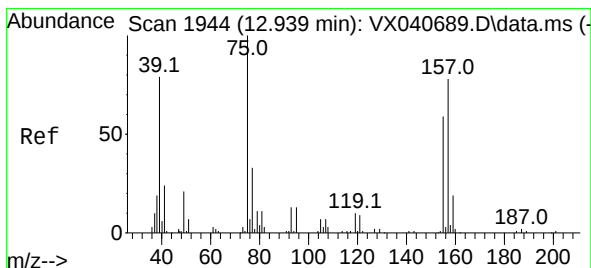
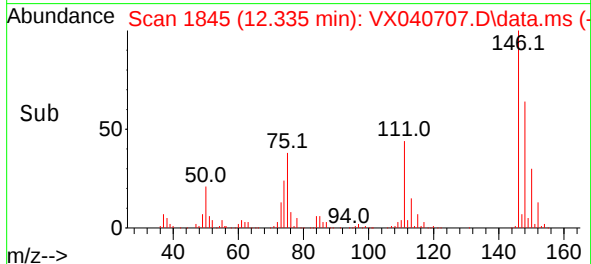
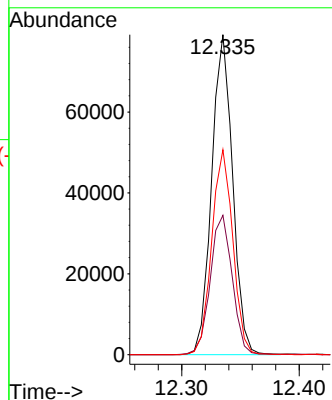
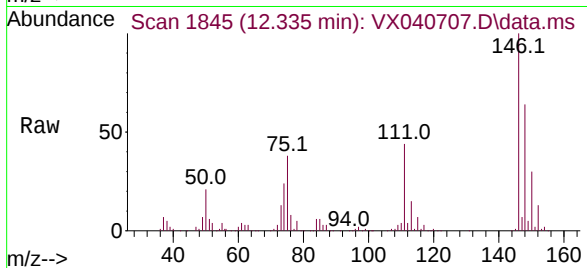
Tgt Ion:146 Resp: 98106

Ion Ratio Lower Upper

146 100

111 43.5 35.8 53.8

148 64.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 51.687 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

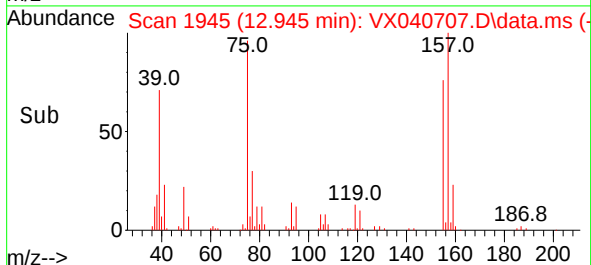
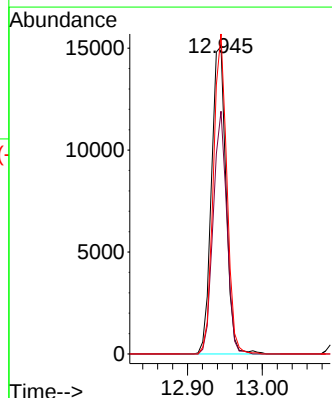
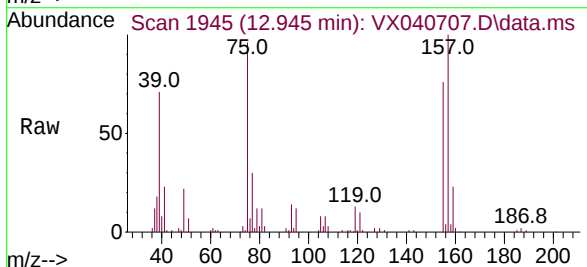
Tgt Ion: 75 Resp: 20392

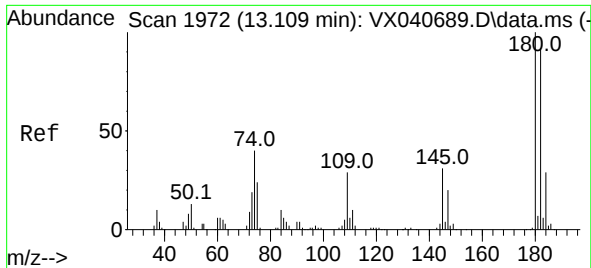
Ion Ratio Lower Upper

75 100

155 78.9 53.9 80.9

157 104.1 64.5 96.7#





#69

1,3,5-Trichlorobenzene

Concen: 51.060 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

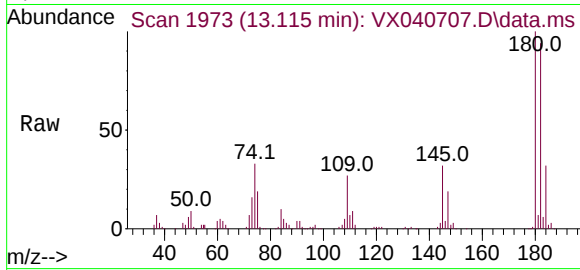
Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 68132

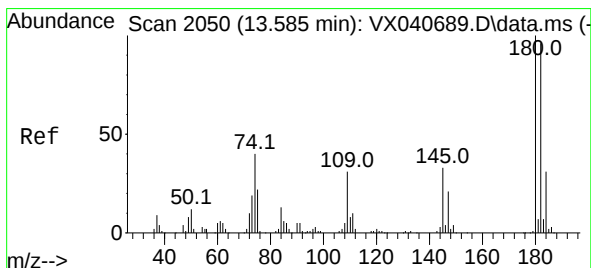
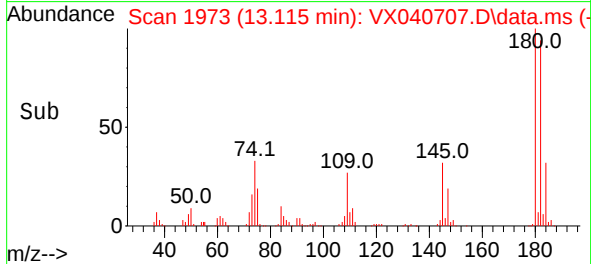
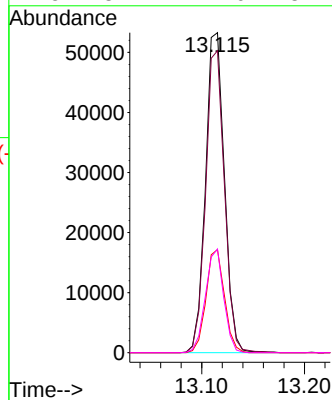
Ion Ratio Lower Upper

180 100

182 94.0 76.6 115.0

184 31.5 24.3 36.5

145 31.2 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 50.671 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

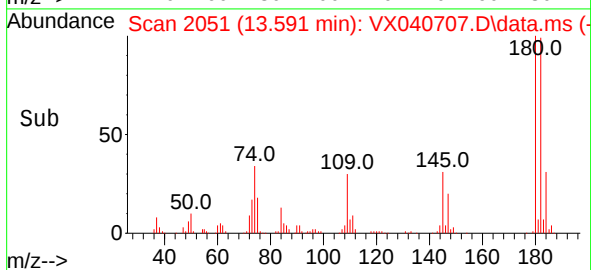
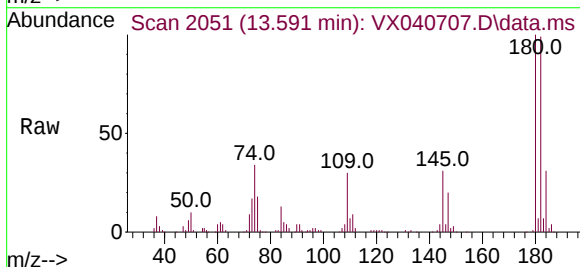
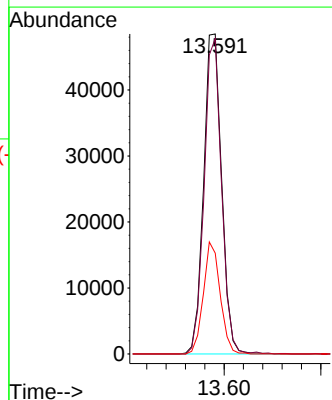
Tgt Ion:180 Resp: 62701

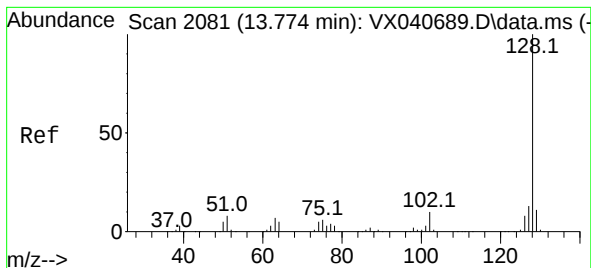
Ion Ratio Lower Upper

180 100

182 94.7 75.1 112.7

145 32.7 26.2 39.4





#71

Naphthalene

Concen: 52.220 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

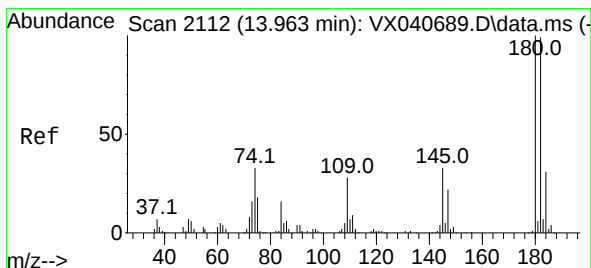
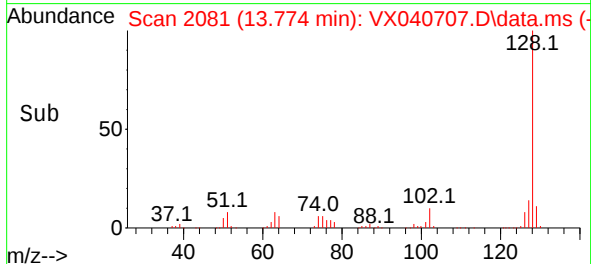
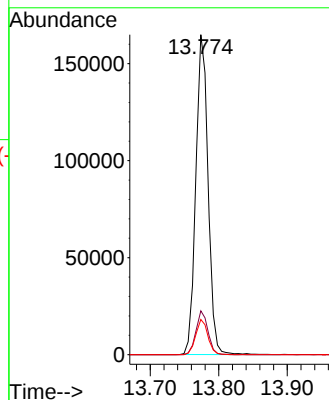
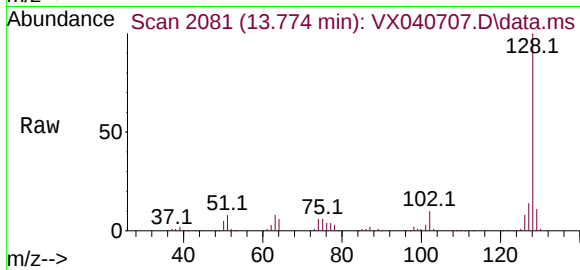
Tgt Ion:128 Resp: 205387

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.819 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040707.D

Acq: 18 Mar 2024 18:17

Tgt Ion:180 Resp: 63165

Ion Ratio Lower Upper

180 100

182 93.4 76.9 115.3

145 33.3 27.8 41.8

