

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040606.D
 Acq On : 06 Mar 2024 16:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 07 01:38:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:31:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	153456	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	148805	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77554	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62839	46.714	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.420%
7) Chloroethane-d5	1.666	69	46937	43.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.420%
11) 1,1-Dichloroethene-d2	2.306	65	30447	49.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.340%
21) 2-Butanone-d5	4.452	46	109105	105.696	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.700%
24) Chloroform-d	5.056	84	131250	52.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.080%
26) 1,2-Dichloroethane-d4	5.958	65	92911	49.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.640%
32) Benzene-d6	5.976	84	233328	51.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.220%
36) 1,2-Dichloropropane-d6	7.306	67	71112	50.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.520%
41) Toluene-d8	8.647	98	217063	49.337	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.680%
43) trans-1,3-Dichloroprop...	8.952	79	38811	51.538	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.080%
47) 2-Hexanone-d5	9.384	63	82546	105.732	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.730%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	108542	51.237	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	12.317	152	81079	49.915	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73408	53.595	ug/L	98
3) Chloromethane	1.300	50	59809	50.232	ug/L	99
5) Vinyl chloride	1.374	62	61316	47.601	ug/L	99
6) Bromomethane	1.605	94	38381	56.123	ug/L	96
8) Chloroethane	1.685	64	34435	46.622	ug/L	95
9) Trichlorofluoromethane	1.886	101	94631	52.797	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	54982	51.716	ug/L	99
12) 1,1-Dichloroethene	2.319	96	48919	52.298	ug/L	97
13) Acetone	2.380	43	72507	98.363	ug/L	98
14) Carbon disulfide	2.514	76	142662	52.709	ug/L	100
15) Methyl Acetate	2.703	43	64189	51.581	ug/L	99
16) Methylene chloride	2.788	84	52221	50.695	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	49707	51.763	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	175726	52.914	ug/L	99
19) 1,1-Dichloroethane	3.611	63	99113	53.120	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	56015	52.021	ug/L	98
22) 2-Butanone	4.556	43	100197	102.652	ug/L	99
23) Bromochloromethane	4.897	128	28104	51.174	ug/L	98
25) Chloroform	5.092	83	109527	52.019	ug/L	100

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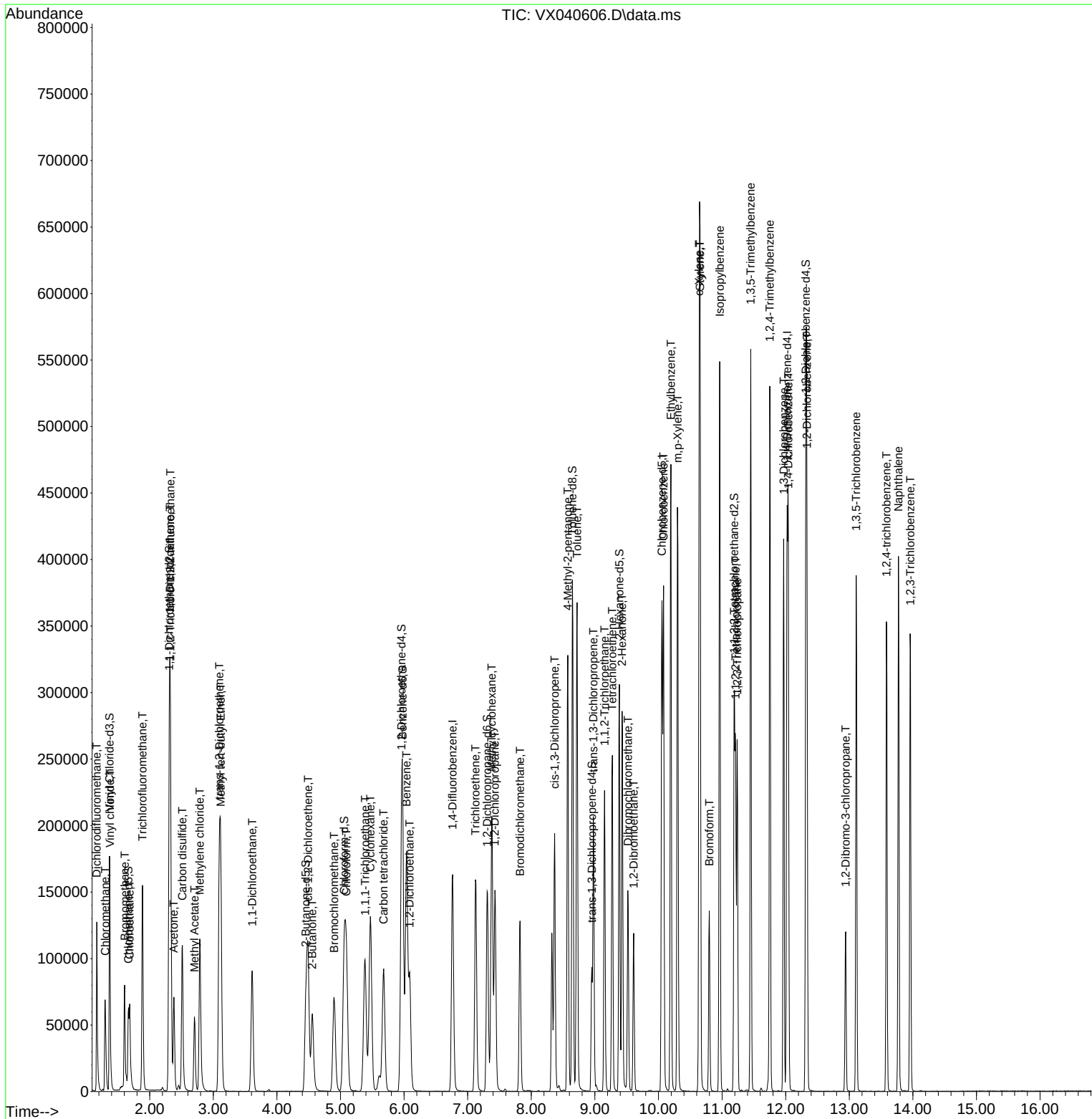
Instrument :
 MSVOA_X
 ClientSampleId :

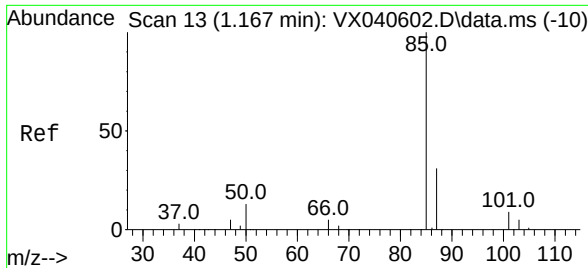
Quant Time: Mar 07 01:38:46 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:31:15 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	98032	52.980	ug/L	96
29) Cyclohexane	5.470	56	86876	53.131	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	97688	52.710	ug/L	98
31) Carbon tetrachloride	5.678	117	81067	52.119	ug/L	98
33) Benzene	6.037	78	208611	52.187	ug/L	100
34) Trichloroethene	7.123	95	60628	51.377	ug/L	97
35) Methylcyclohexane	7.379	83	87550	50.768	ug/L	98
37) 1,2-Dichloropropane	7.427	63	55161	52.123	ug/L	99
38) Bromodichloromethane	7.824	83	81065	51.791	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	93058	52.229	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	189590	104.501	ug/L	99
42) Toluene	8.720	91	229251	52.276	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	91447	52.694	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	54368	49.767	ug/L	99
46) Tetrachloroethene	9.275	164	42771	50.480	ug/L	97
48) 2-Hexanone	9.427	43	152720	101.587	ug/L	99
49) Dibromochloromethane	9.519	129	59430	52.064	ug/L	100
50) 1,2-Dibromoethane	9.610	107	61483	52.334	ug/L	94
51) Chlorobenzene	10.079	112	146316	51.498	ug/L	98
52) Ethylbenzene	10.195	91	266217	51.658	ug/L	98
53) m,p-Xylene	10.299	106	97887	52.248	ug/L	90
54) o-Xylene	10.640	106	94730	52.674	ug/L	98
55) Styrene	10.652	104	164297	52.427	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	92548	51.398	ug/L	99
59) Bromoform	10.799	173	45773	50.886	ug/L	97
60) Isopropylbenzene	10.963	105	265171	50.928	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	76693	49.625	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	224595	52.027	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	224308	51.963	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	115684	50.749	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	117268	50.586	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	112509	51.905	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	25048	55.365	ug/L	89
69) 1,3,5-Trichlorobenzene	13.109	180	82687	54.039	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	76386	53.831	ug/L	100
71) Naphthalene	13.774	128	234299	51.948	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	75667	54.132	ug/L	98

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

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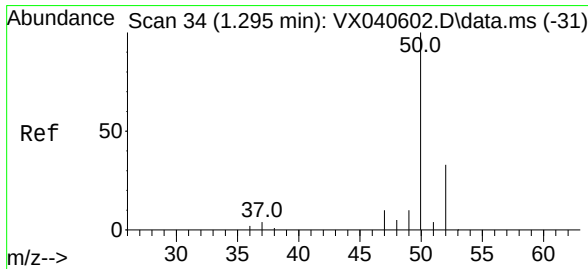
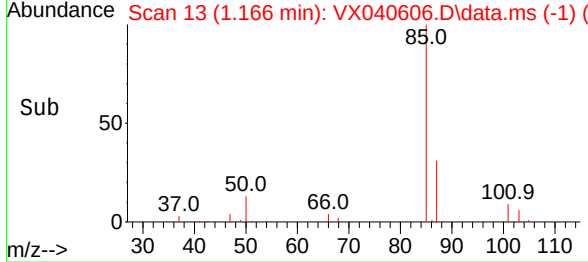
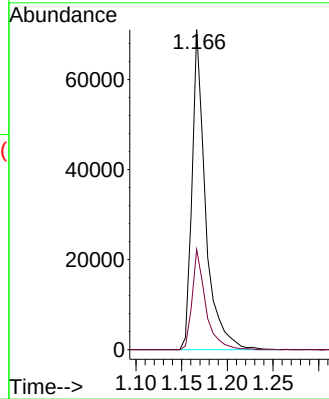
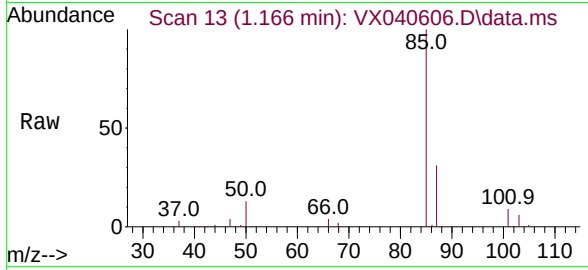




#2
Dichlorodifluoromethane
Concen: 53.595 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX040606.D
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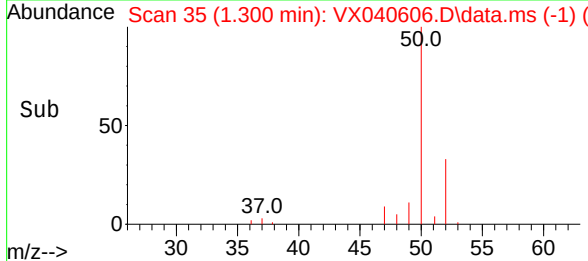
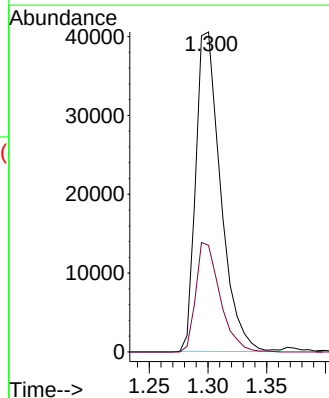
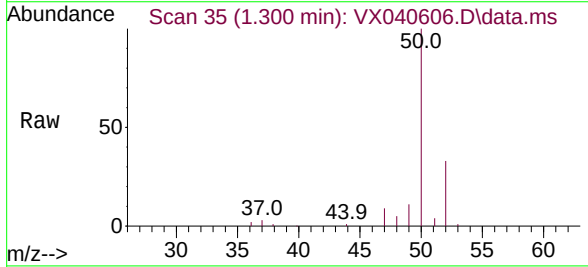
Instrument :
MSVOA_X
ClientSampleId :

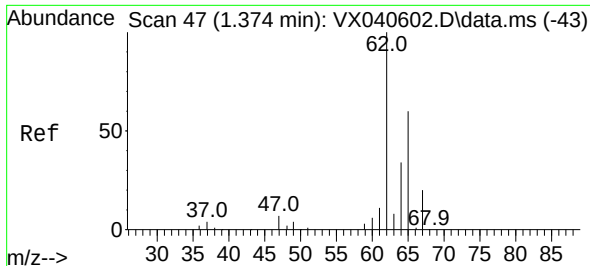
Tgt Ion: 85 Resp: 73408
Ion Ratio Lower Upper
85 100
87 31.3 26.1 39.1



#3
Chloromethane
Concen: 50.232 ug/L
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

Tgt Ion: 50 Resp: 59809
Ion Ratio Lower Upper
50 100
52 33.4 23.1 42.9

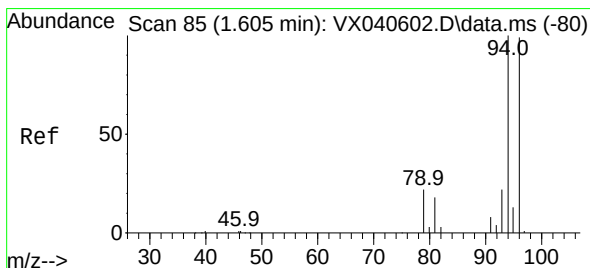
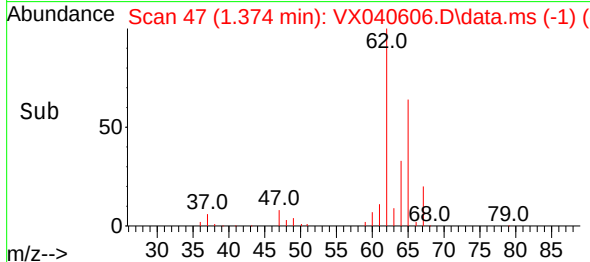
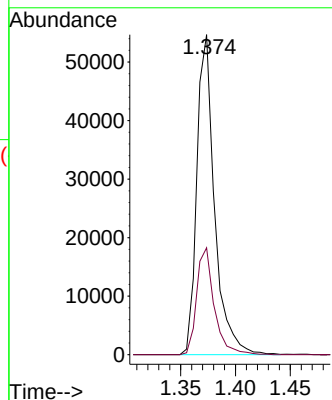
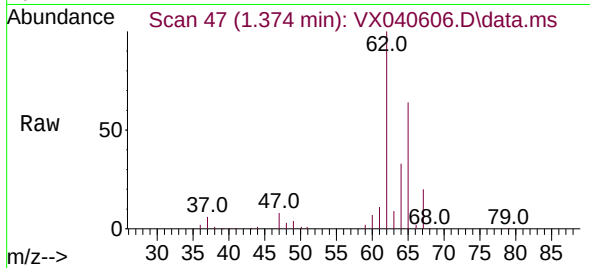




#5
 Vinyl chloride
 Concen: 47.601 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040606.D
 Acq: 06 Mar 2024 16:11

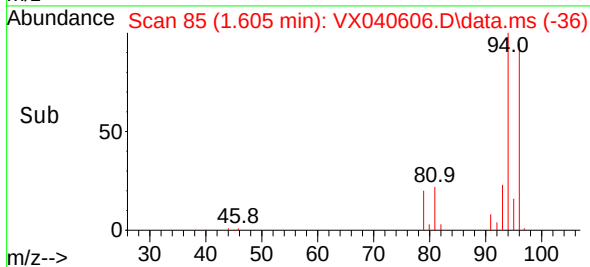
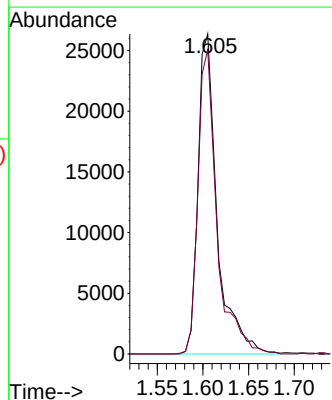
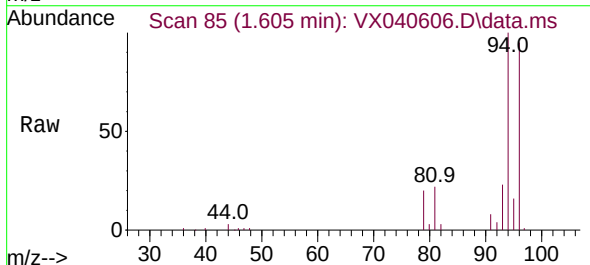
Instrument :
 MSVOA_X
 ClientSampleId :

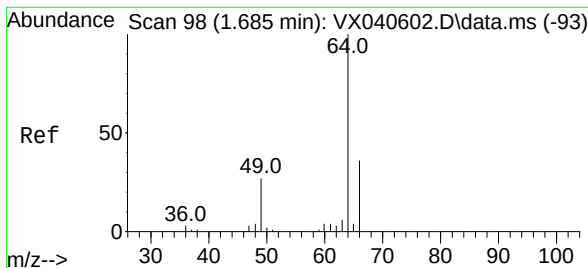
Tgt Ion: 62 Resp: 61316
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.8 44.2



#6
 Bromomethane
 Concen: 56.123 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VX040606.D
 Acq: 06 Mar 2024 16:11

Tgt Ion: 94 Resp: 38381
 Ion Ratio Lower Upper
 94 100
 96 95.1 69.0 128.2





#8

Chloroethane

Concen: 46.622 ug/L

RT: 1.685 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

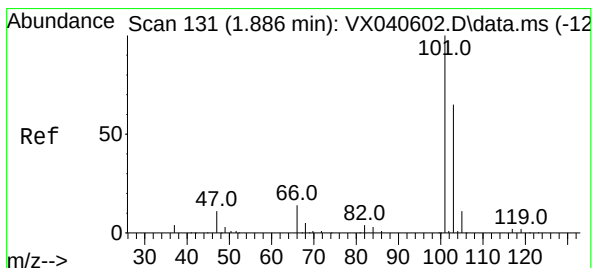
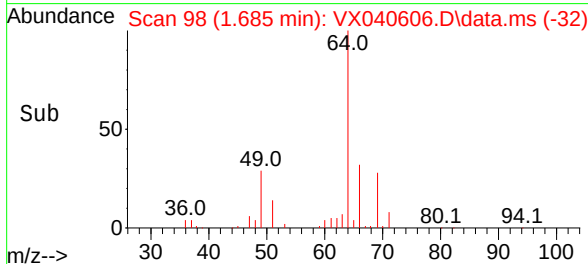
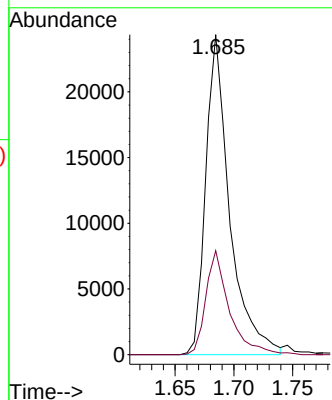
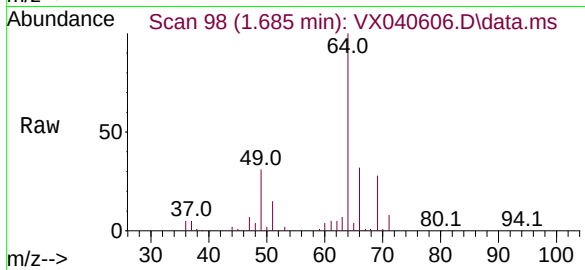
ClientSampleId :

Tgt Ion: 64 Resp: 34435

Ion Ratio Lower Upper

64 100

66 32.5 25.0 46.4



#9

Trichlorofluoromethane

Concen: 52.797 ug/L

RT: 1.886 min Scan# 131

Delta R.T. -0.000 min

Lab File: VX040606.D

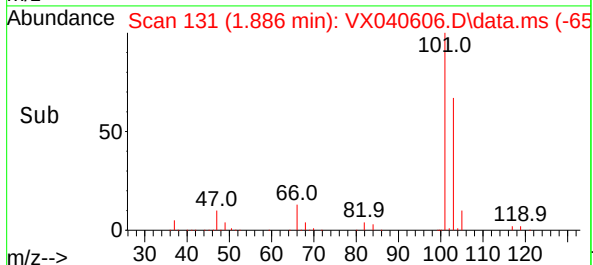
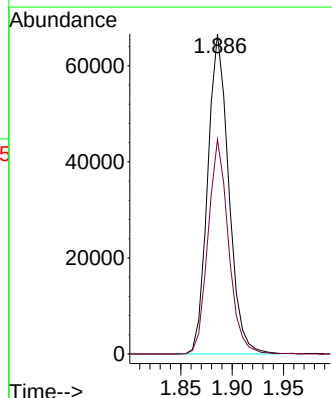
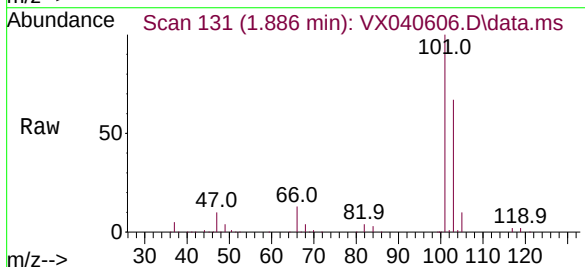
Acq: 06 Mar 2024 16:11

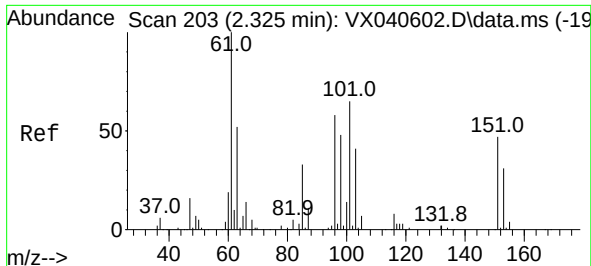
Tgt Ion:101 Resp: 94631

Ion Ratio Lower Upper

101 100

103 65.2 51.7 77.5





#10

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

Concen: 51.716 ug/L

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

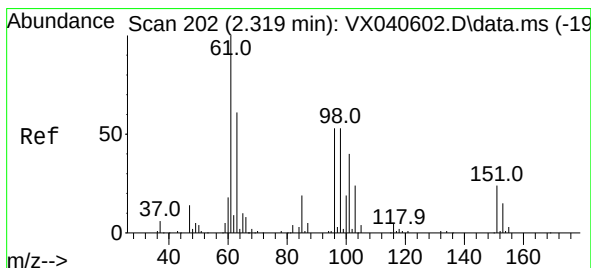
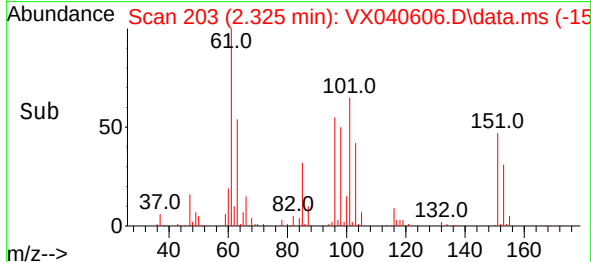
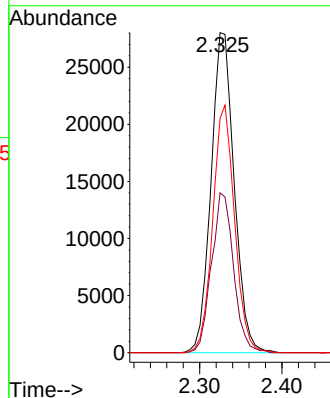
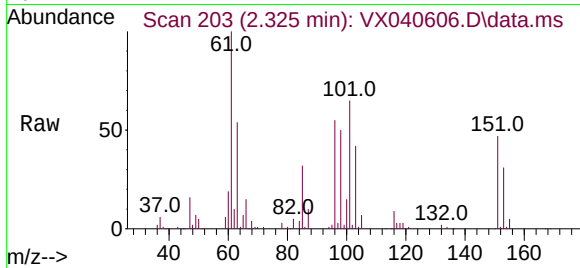
Tgt Ion:101 Resp: 54982

Ion Ratio Lower Upper

101 100

85 47.6 38.3 57.5

151 72.8 57.7 86.5



#12

1,1-Dichloroethene

Concen: 52.298 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

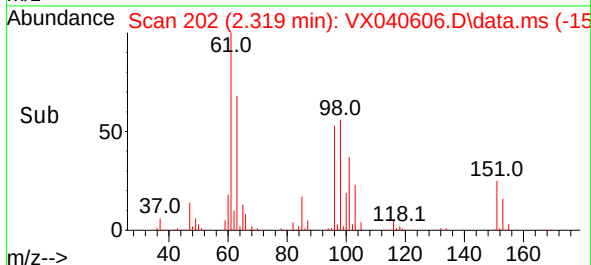
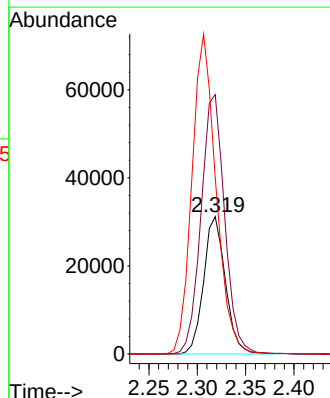
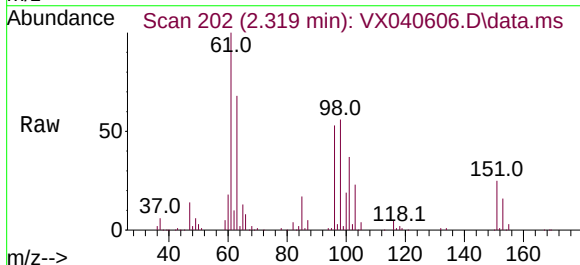
Tgt Ion: 96 Resp: 48919

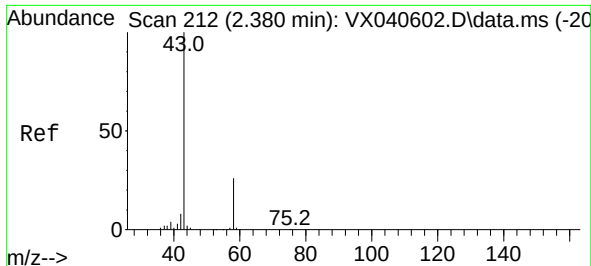
Ion Ratio Lower Upper

96 100

61 188.9 134.8 250.4

63 128.2 92.5 171.9





#13

Acetone

Concen: 98.363 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

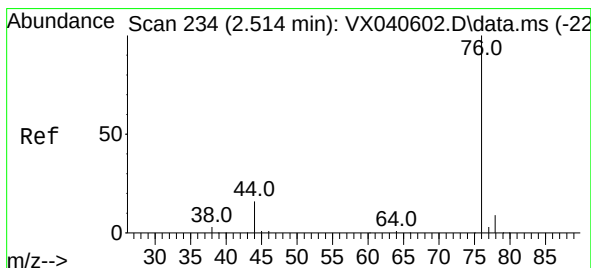
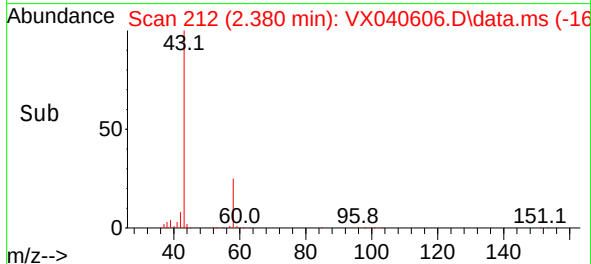
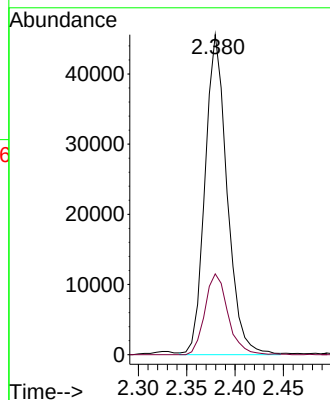
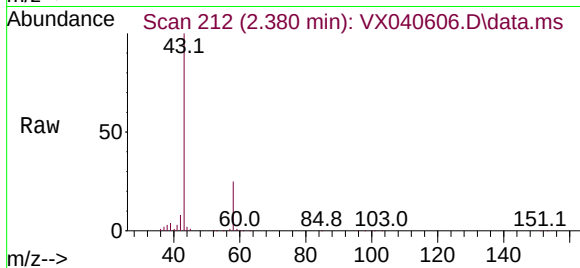
ClientSampleId :

Tgt Ion: 43 Resp: 72507

Ion Ratio Lower Upper

43 100

58 26.2 0.0 54.6



#14

Carbon disulfide

Concen: 52.709 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX040606.D

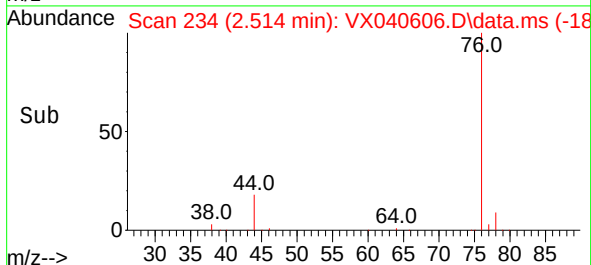
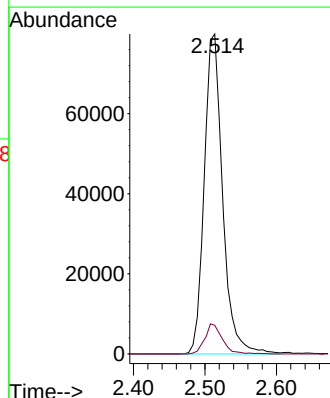
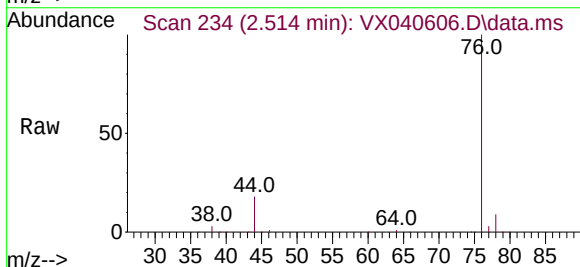
Acq: 06 Mar 2024 16:11

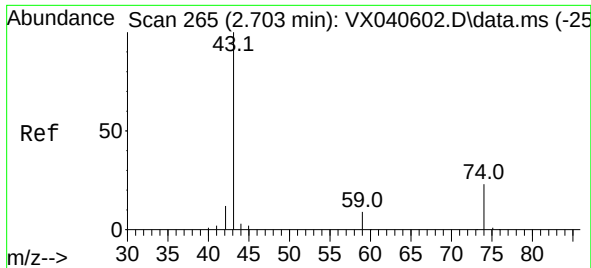
Tgt Ion: 76 Resp: 142662

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

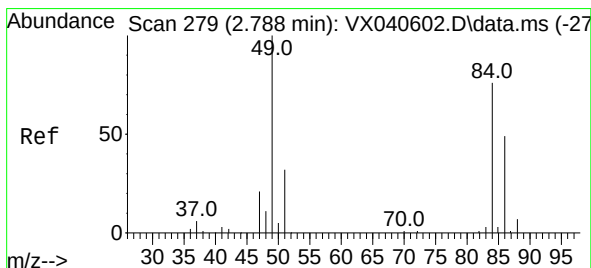
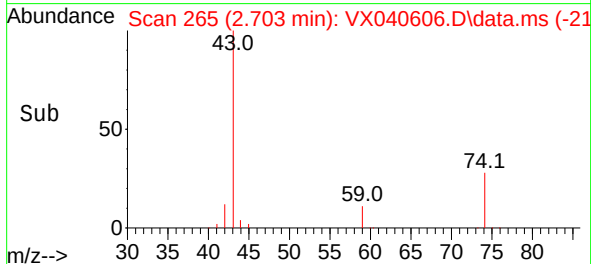
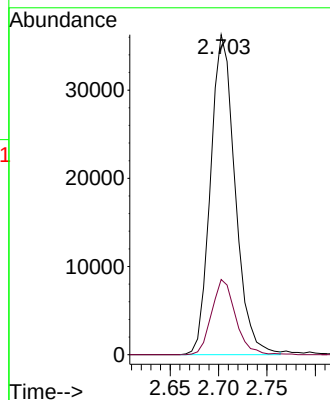
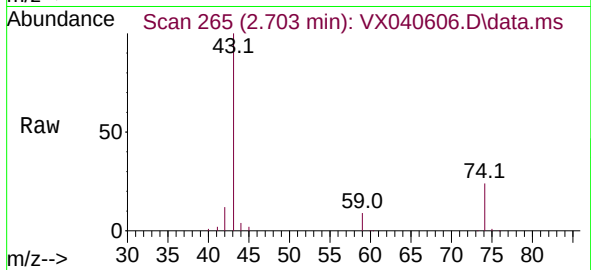




#15
Methyl Acetate
Concen: 51.581 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

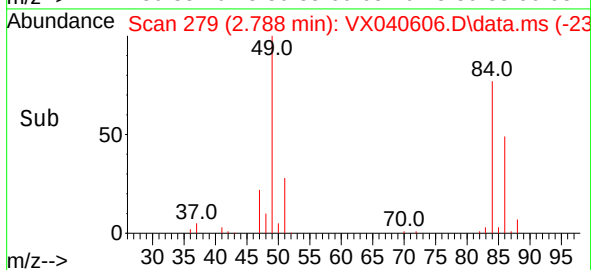
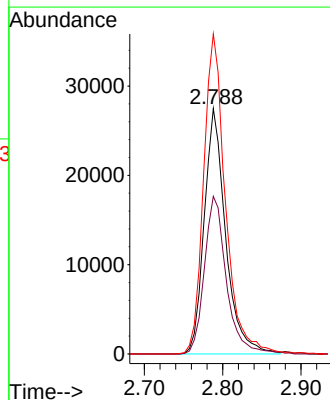
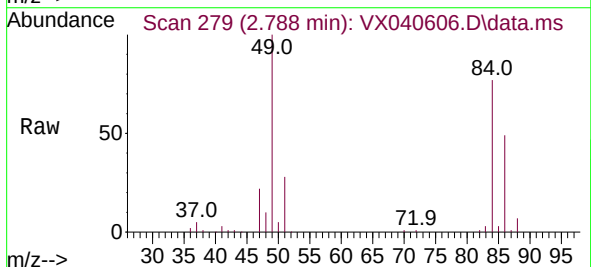
Instrument :
MSVOA_X
ClientSampleId :

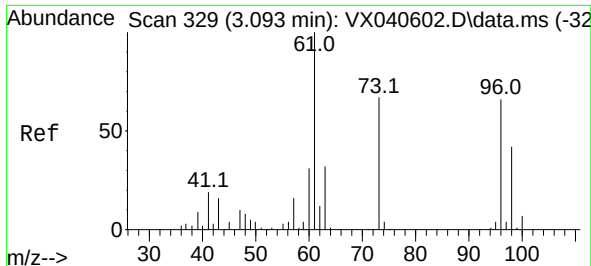
Tgt Ion: 43 Resp: 64189
Ion Ratio Lower Upper
43 100
74 22.6 17.6 26.4



#16
Methylene chloride
Concen: 50.695 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

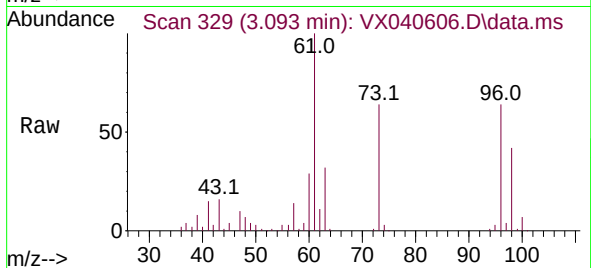
Tgt Ion: 84 Resp: 52221
Ion Ratio Lower Upper
84 100
86 64.3 45.8 85.2
49 130.4 92.6 172.0



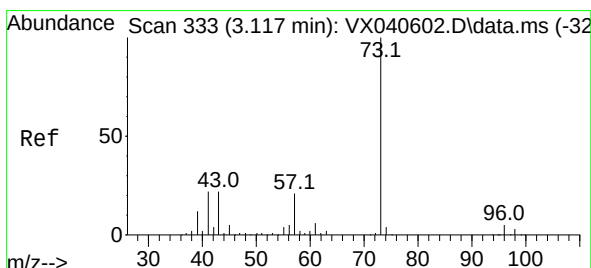
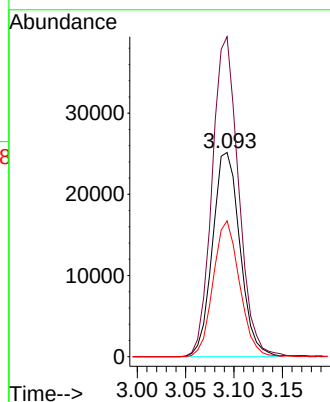
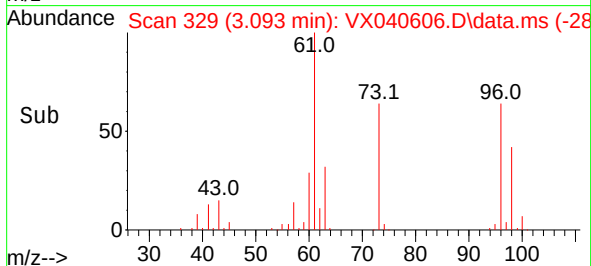


#17
trans-1,2-Dichloroethene
Concen: 51.763 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

Instrument :
MSVOA_X
ClientSampleId :

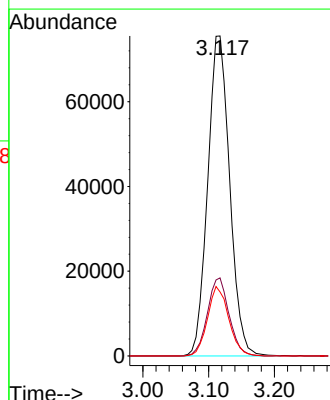
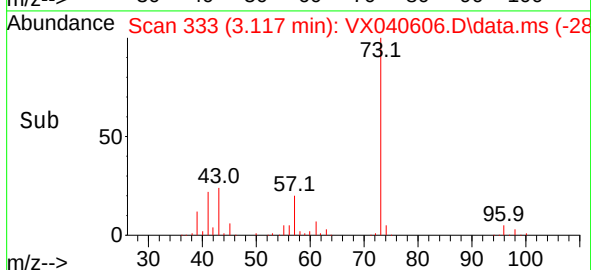
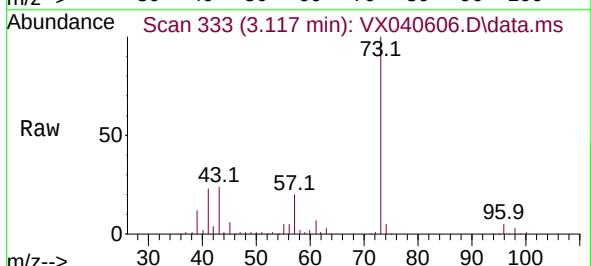


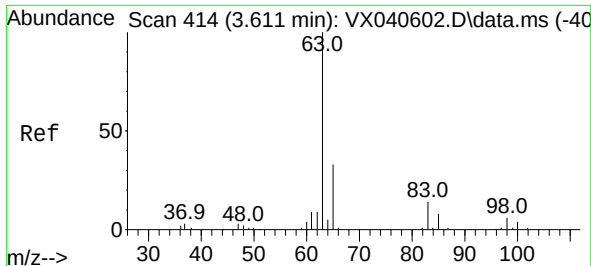
Tgt Ion: 96 Resp: 49707
Ion Ratio Lower Upper
96 100
61 156.7 106.6 198.0
98 66.6 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 52.914 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

Tgt Ion: 73 Resp: 175726
Ion Ratio Lower Upper
73 100
43 24.0 19.3 28.9
57 21.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 53.120 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

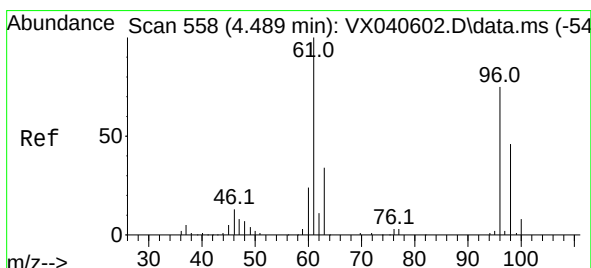
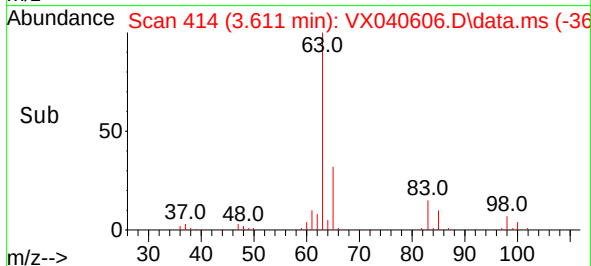
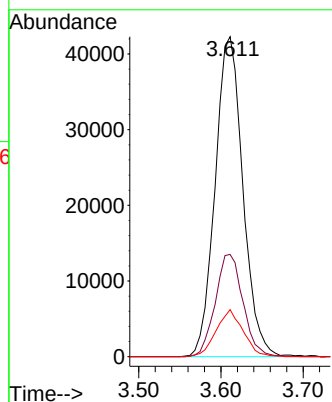
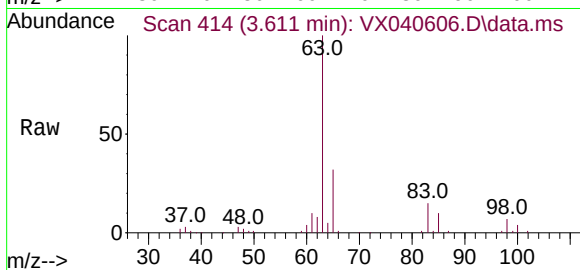
Tgt Ion: 63 Resp: 99113

Ion Ratio Lower Upper

63 100

65 31.9 23.1 42.9

83 14.7 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 52.021 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

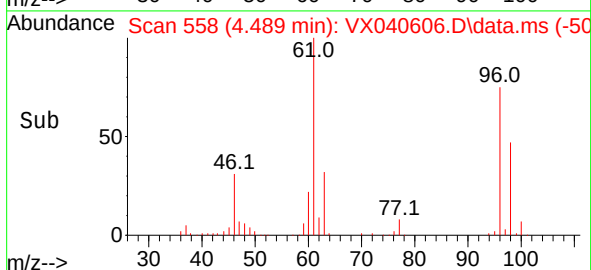
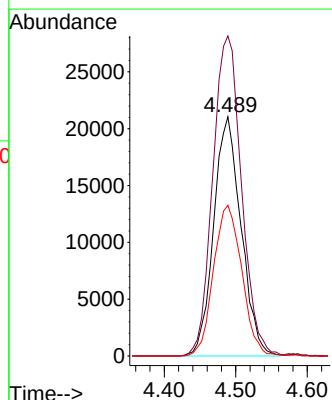
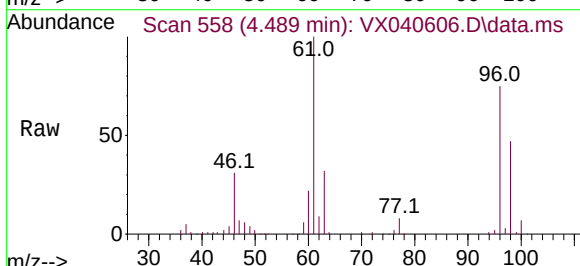
Tgt Ion: 96 Resp: 56015

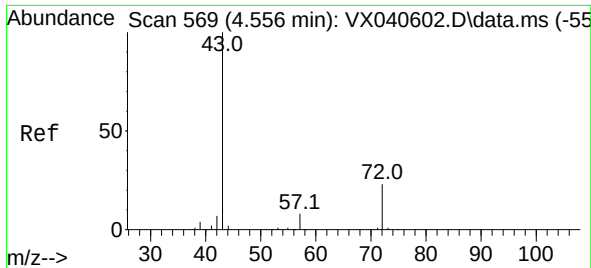
Ion Ratio Lower Upper

96 100

61 133.7 93.0 172.8

98 63.0 42.4 78.6

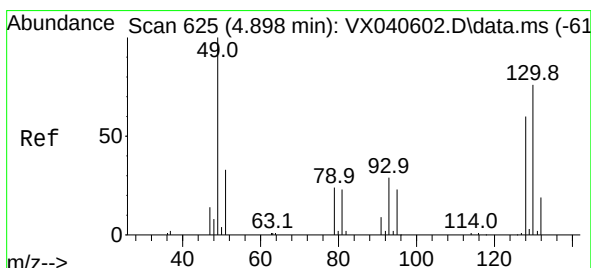
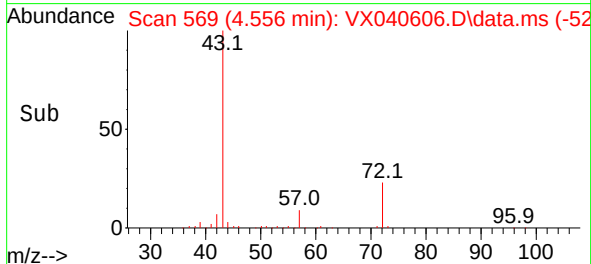
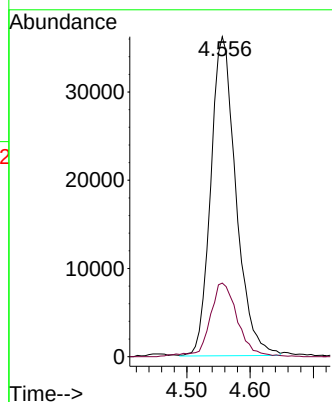
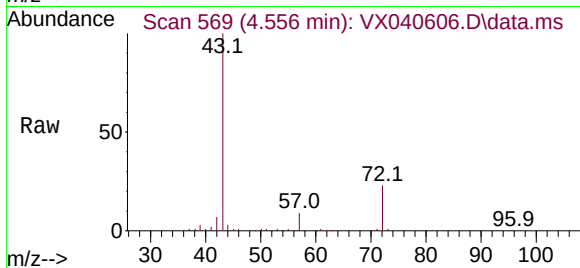




#22
2-Butanone
Concen: 102.652 ug/L
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

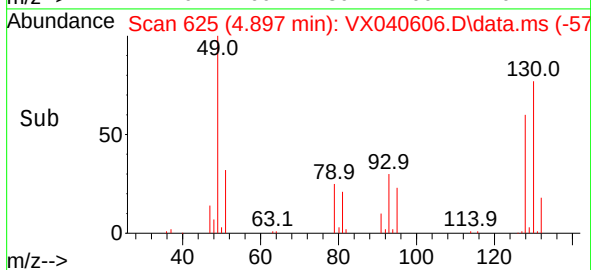
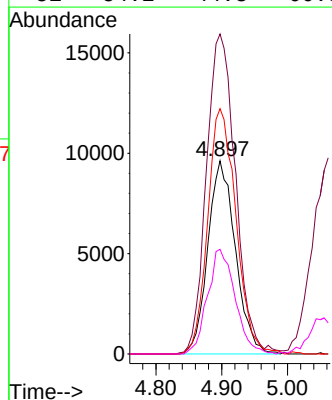
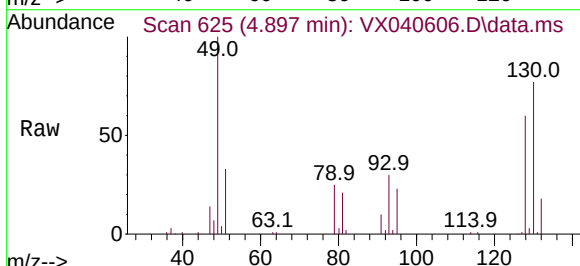
Instrument :
MSVOA_X
ClientSampleId :

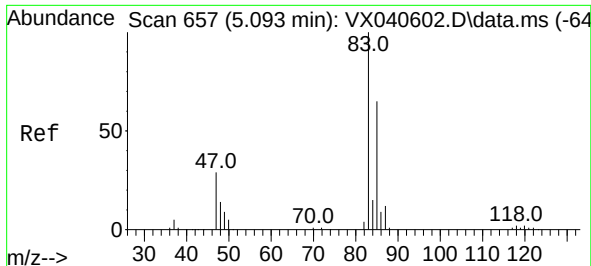
Tgt Ion: 43 Resp: 100197
Ion Ratio Lower Upper
43 100
72 24.2 12.4 37.2



#23
Bromochloromethane
Concen: 51.174 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

Tgt Ion:128 Resp: 28104
Ion Ratio Lower Upper
128 100
49 165.7 118.1 219.3
130 127.1 89.4 166.0
51 54.2 44.3 66.5





#25

Chloroform

Concen: 52.019 ug/L

RT: 5.092 min Scan# 60

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

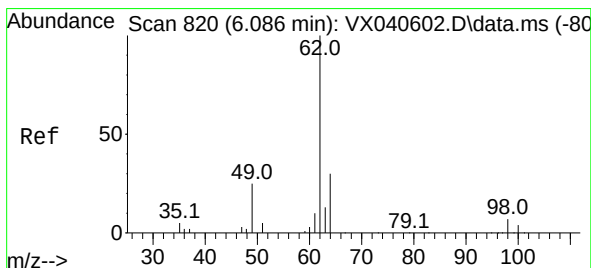
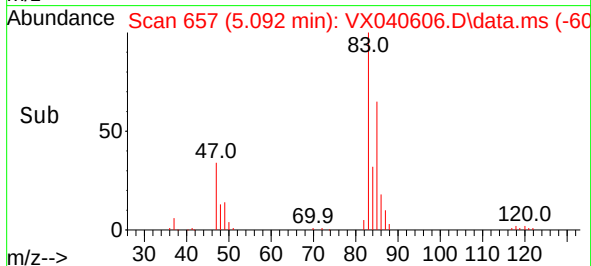
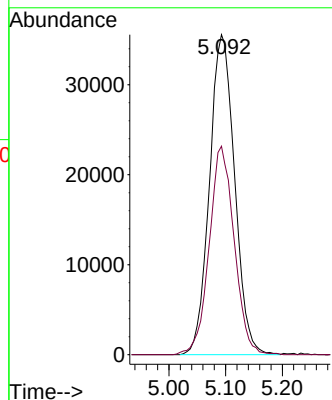
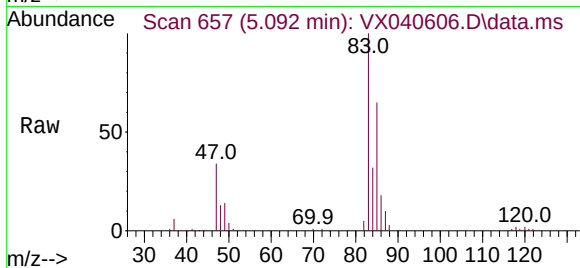
ClientSampleId :

Tgt Ion: 83 Resp: 109527

Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.4



#27

1,2-Dichloroethane

Concen: 52.980 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX040606.D

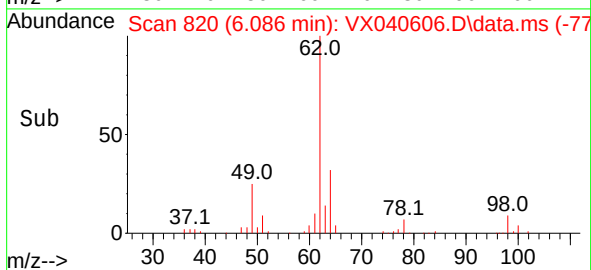
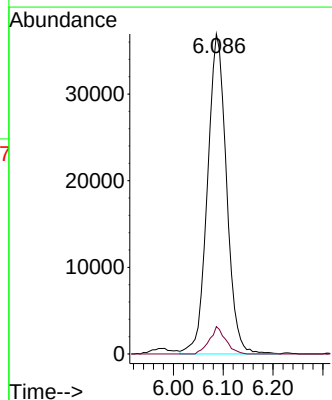
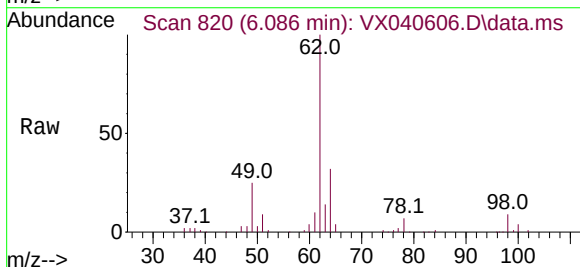
Acq: 06 Mar 2024 16:11

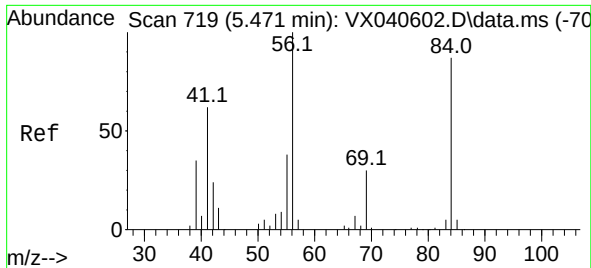
Tgt Ion: 62 Resp: 98032

Ion Ratio Lower Upper

62 100

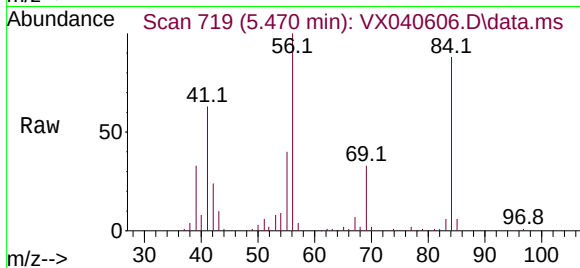
98 8.5 5.8 8.6



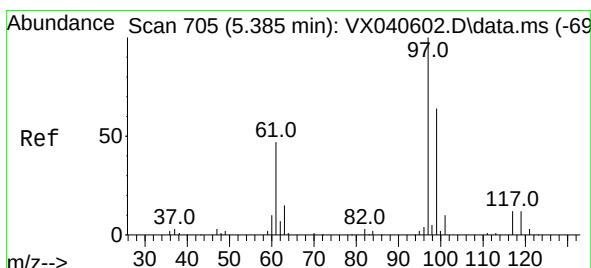
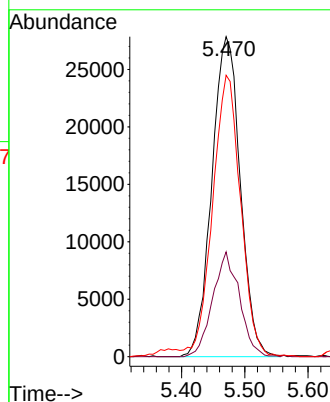
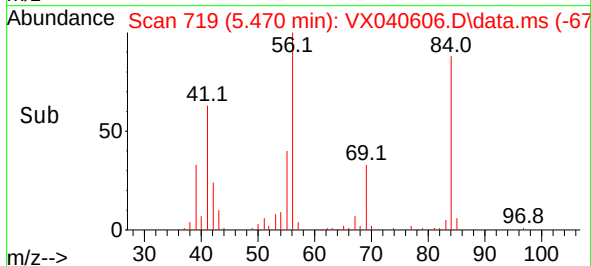


#29
Cyclohexane
Concen: 53.131 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

Instrument :
MSVOA_X
ClientSampleId :

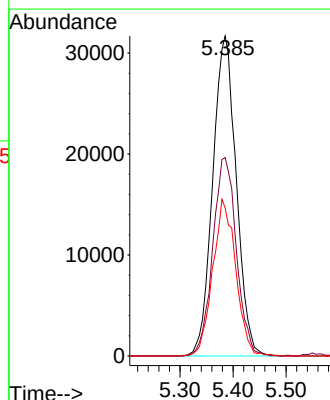
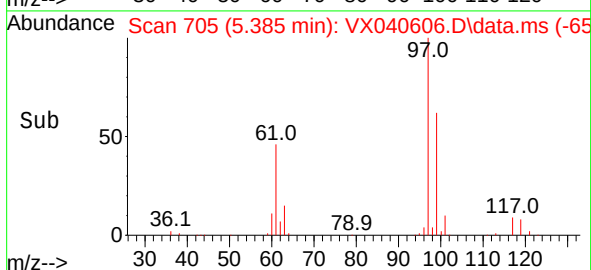
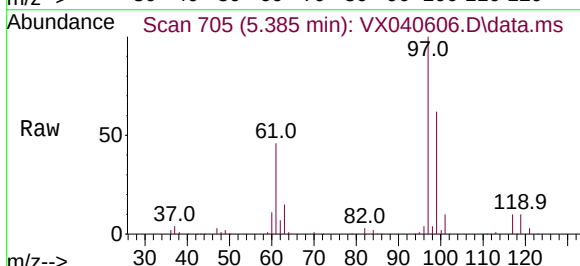


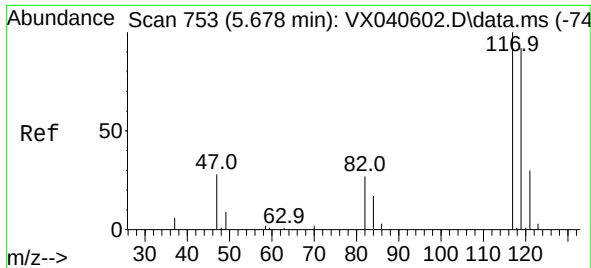
Tgt Ion: 56 Resp: 86876
Ion Ratio Lower Upper
56 100
69 30.7 25.0 37.4
84 86.1 70.6 105.8



#30
1,1,1-Trichloroethane
Concen: 52.710 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

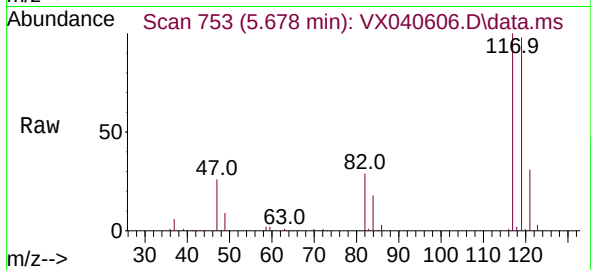
Tgt Ion: 97 Resp: 97688
Ion Ratio Lower Upper
97 100
99 62.2 52.1 78.1
61 47.6 38.3 57.5



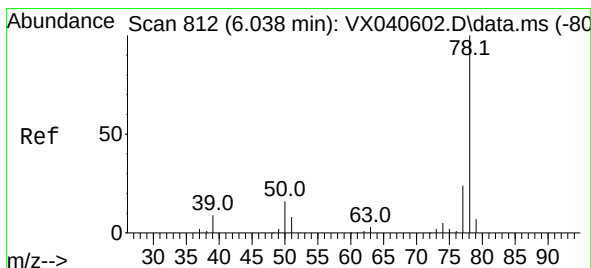
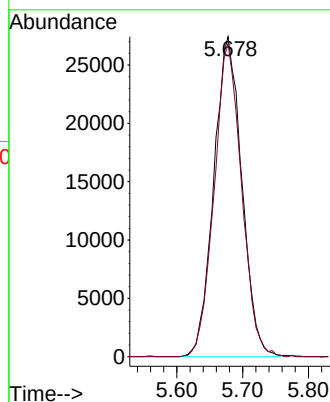
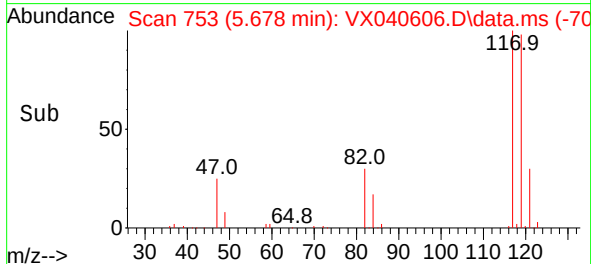


#31
Carbon tetrachloride
Concen: 52.119 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

Instrument :
MSVOA_X
ClientSampleId :

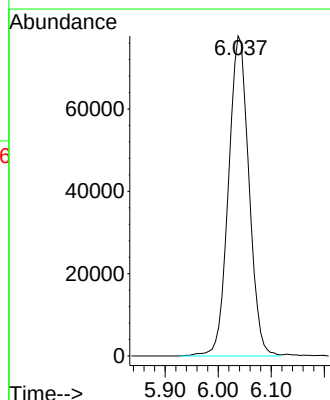
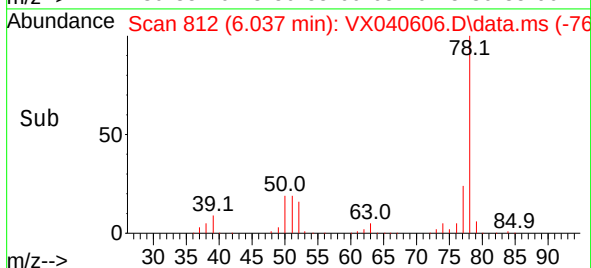
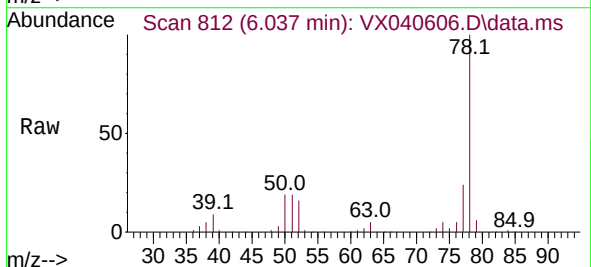


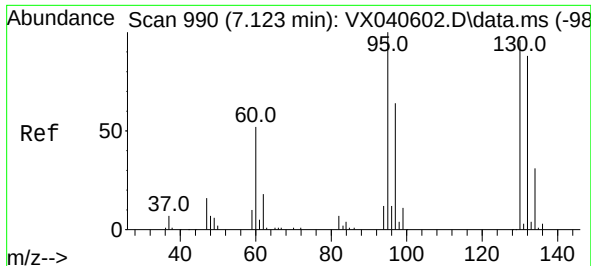
Tgt Ion:117 Resp: 81067
Ion Ratio Lower Upper
117 100
119 95.8 75.4 113.2



#33
Benzene
Concen: 52.187 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

Tgt Ion: 78 Resp: 208611





#34

Trichloroethene

Concen: 51.377 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

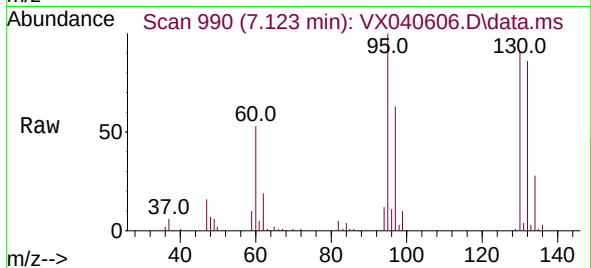
Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 60628

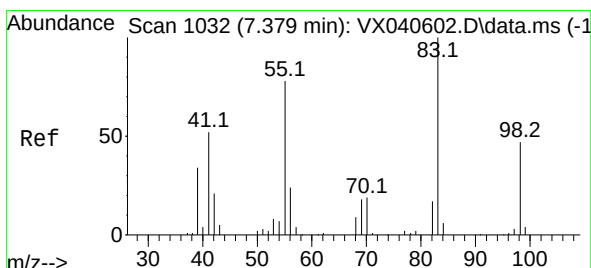
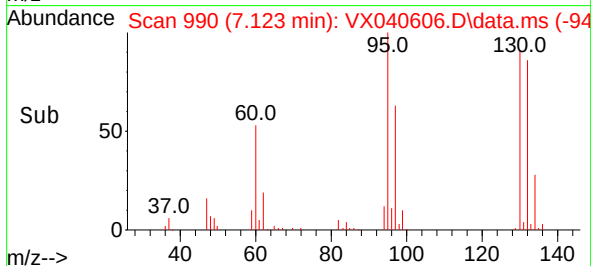
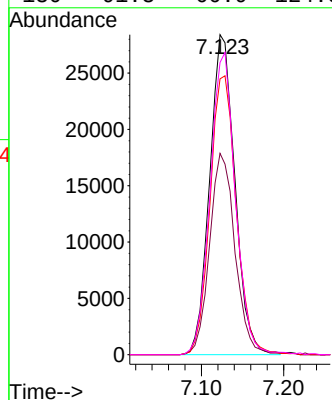
Ion Ratio Lower Upper

95 100

97 62.9 44.7 83.1

132 86.2 61.5 114.3

130 91.3 66.9 124.3



#35

Methylcyclohexane

Concen: 50.768 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

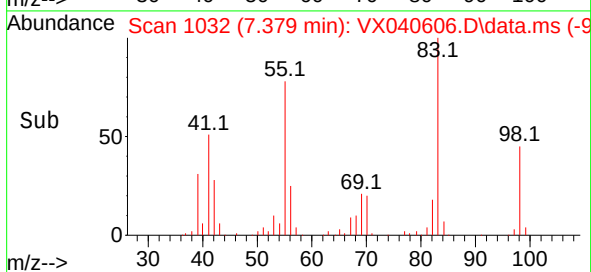
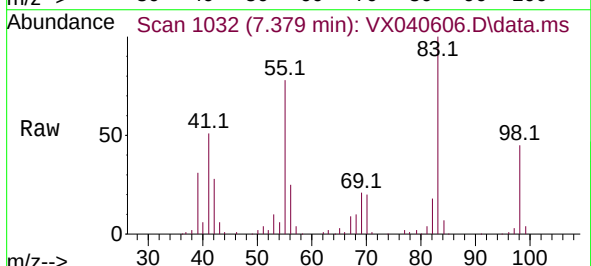
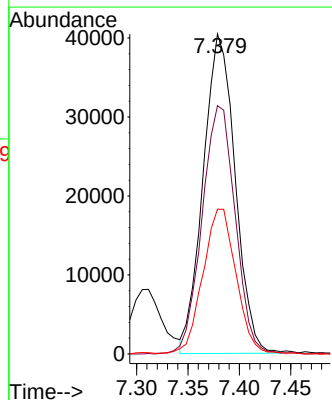
Tgt Ion: 83 Resp: 87550

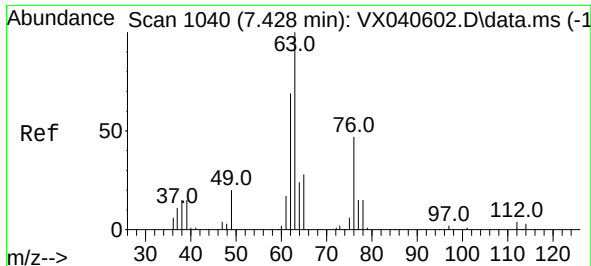
Ion Ratio Lower Upper

83 100

55 80.6 62.6 94.0

98 47.1 37.4 56.2





#37

1,2-Dichloropropane

Concen: 52.123 ug/L

RT: 7.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

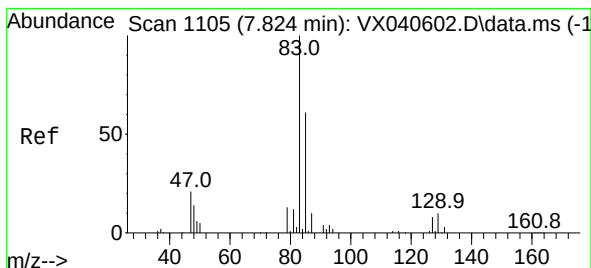
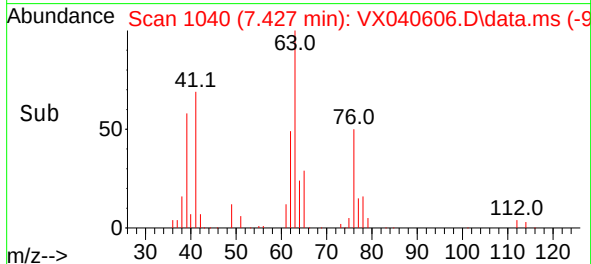
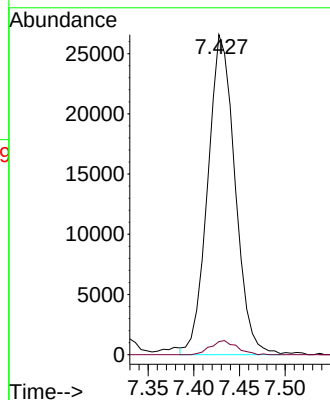
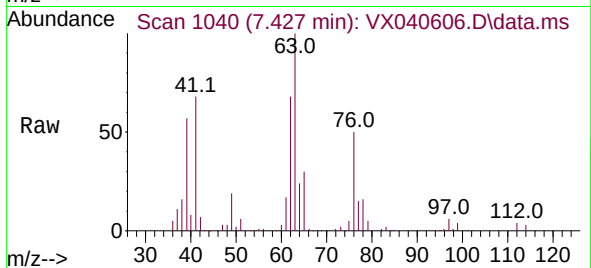
ClientSampleId :

Tgt Ion: 63 Resp: 55161

Ion Ratio Lower Upper

63 100

112 4.2 3.1 4.7



#38

Bromodichloromethane

Concen: 51.791 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

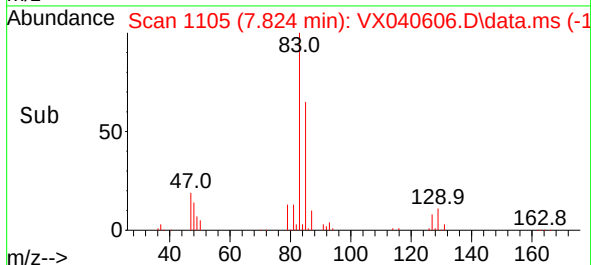
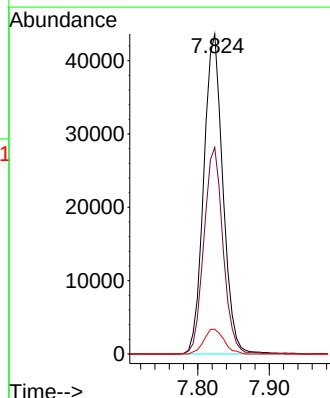
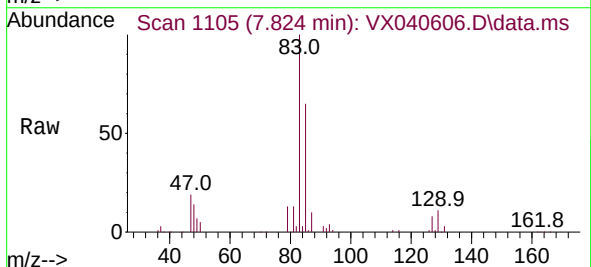
Tgt Ion: 83 Resp: 81065

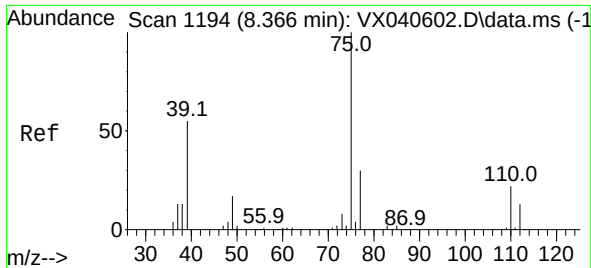
Ion Ratio Lower Upper

83 100

85 64.6 42.8 79.4

127 7.8 6.5 9.7

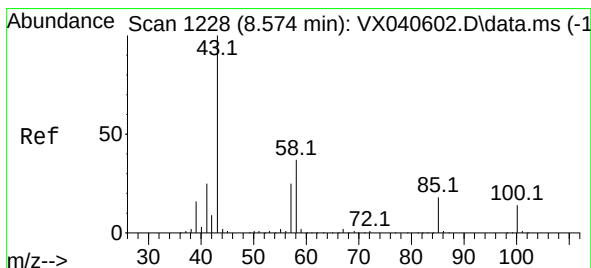
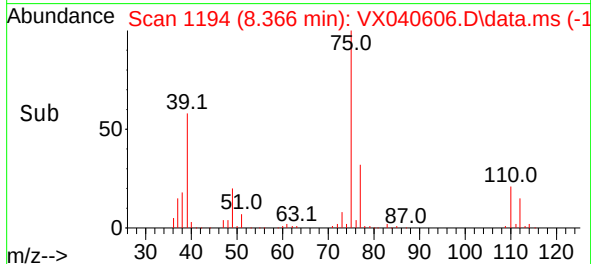
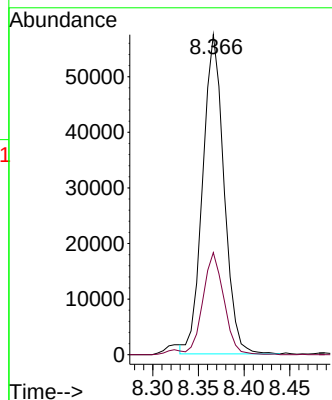
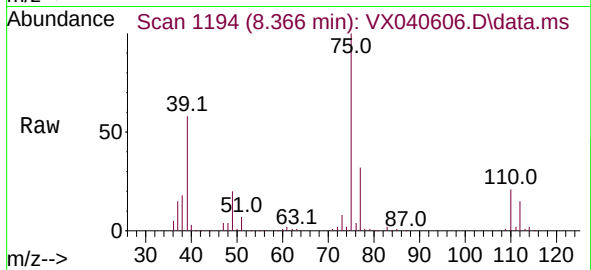




#39
 cis-1,3-Dichloropropene
 Concen: 52.229 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040606.D
 Acq: 06 Mar 2024 16:11

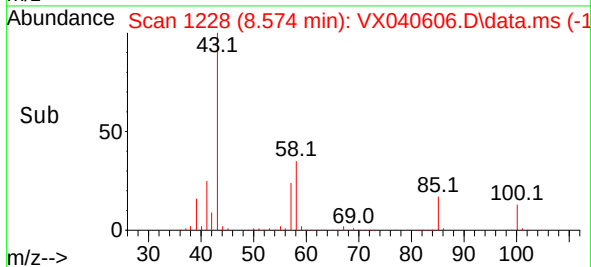
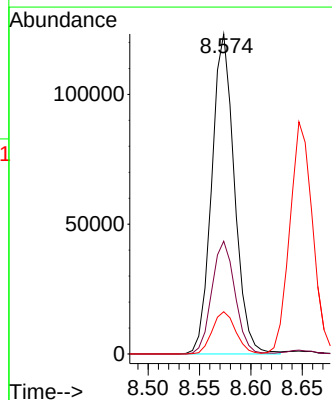
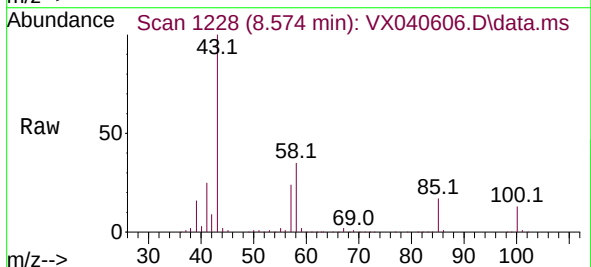
Instrument :
 MSVOA_X
 ClientSampleId :

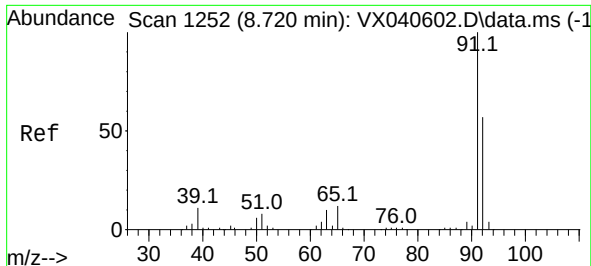
Tgt Ion: 75 Resp: 93058
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 104.501 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX040606.D
 Acq: 06 Mar 2024 16:11

Tgt Ion: 43 Resp: 189590
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.3 43.9
 100 13.6 10.7 16.1





#42

Toluene

Concen: 52.276 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

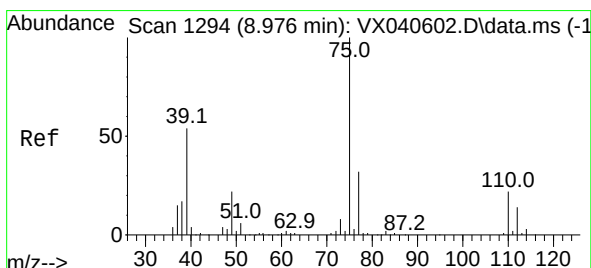
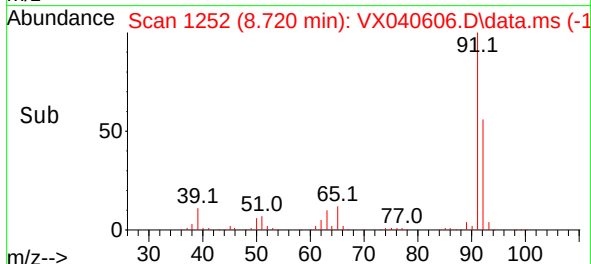
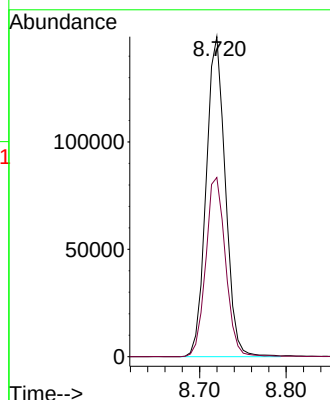
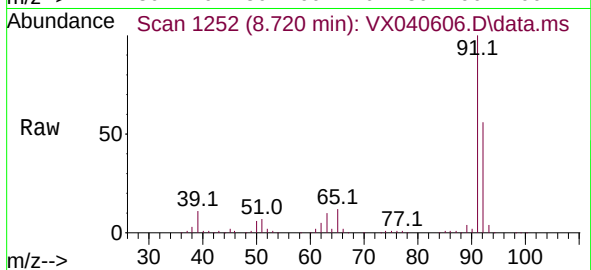
ClientSampleId :

Tgt Ion: 91 Resp: 229251

Ion Ratio Lower Upper

91 100

92 56.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 52.694 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX040606.D

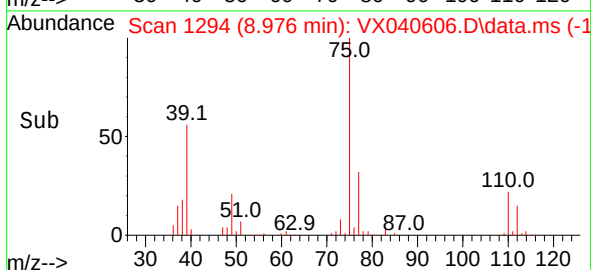
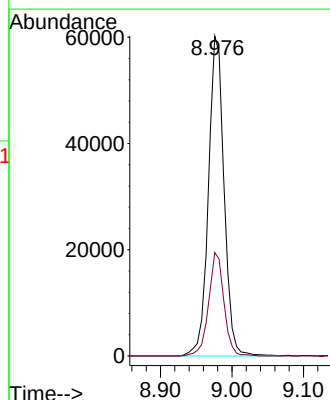
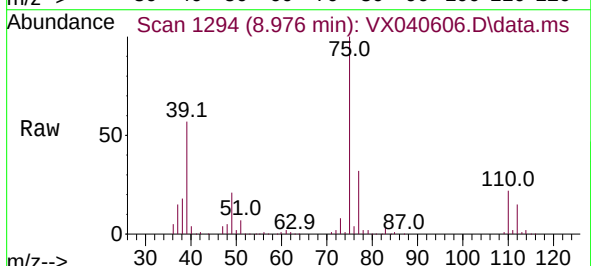
Acq: 06 Mar 2024 16:11

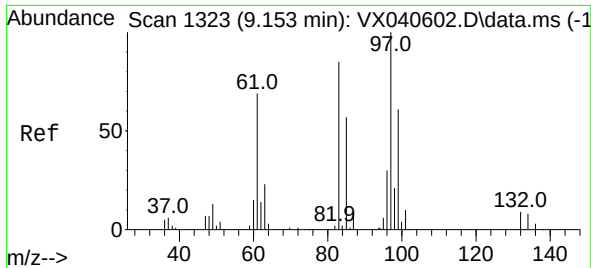
Tgt Ion: 75 Resp: 91447

Ion Ratio Lower Upper

75 100

77 32.3 22.1 41.1

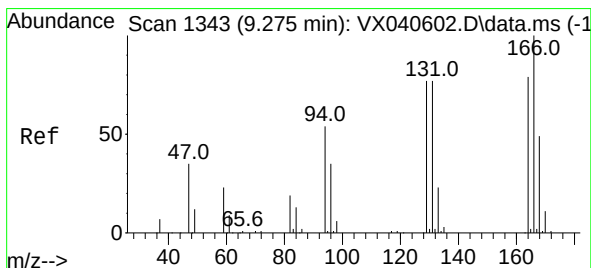
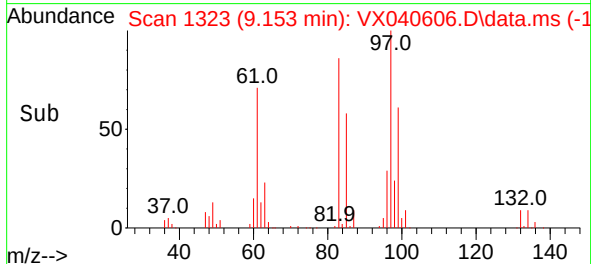
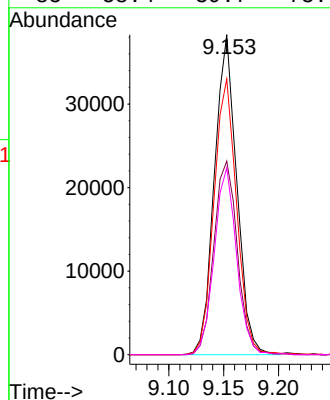
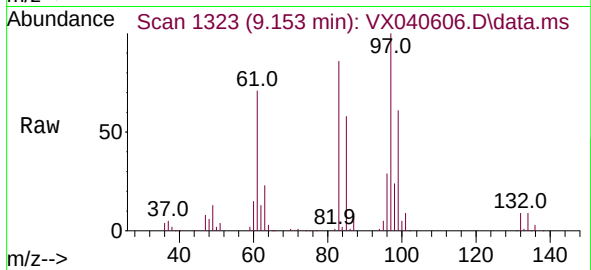




#45
1,1,2-Trichloroethane
Concen: 49.767 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

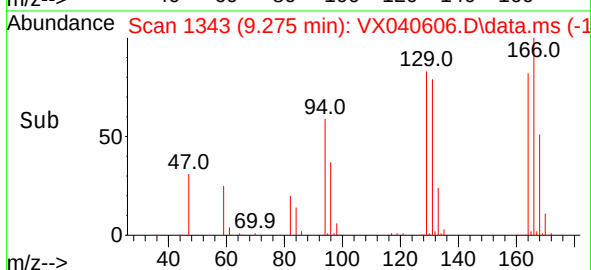
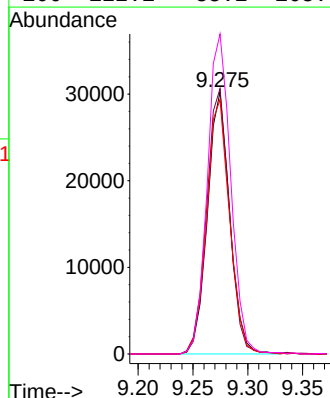
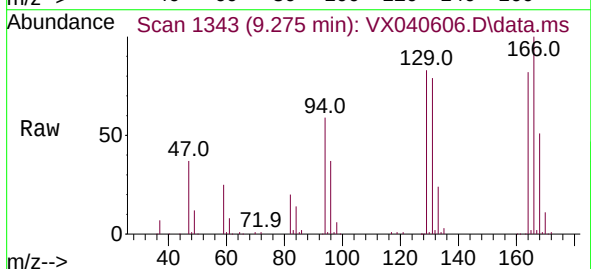
Instrument :
MSVOA_X
ClientSampleId :

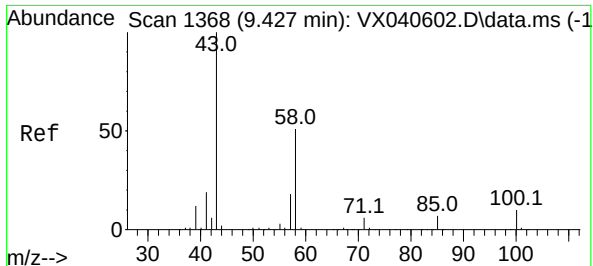
Tgt Ion:	97	Resp:	54368
Ion	Ratio	Lower	Upper
97	100		
99	60.5	42.6	79.0
83	86.2	59.2	110.0
85	58.4	39.7	73.7



#46
Tetrachloroethene
Concen: 50.480 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

Tgt Ion:	164	Resp:	42771
Ion	Ratio	Lower	Upper
164	100		
129	101.3	67.8	126.0
131	97.1	67.8	126.0
166	122.1	88.2	163.8



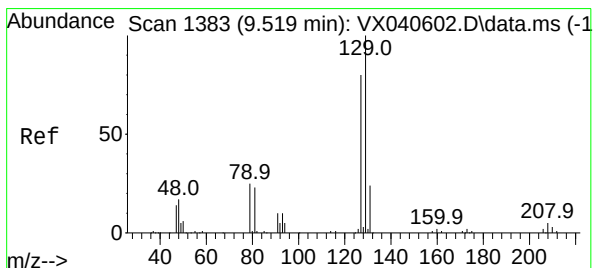
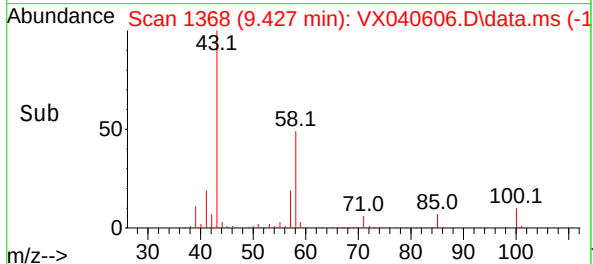
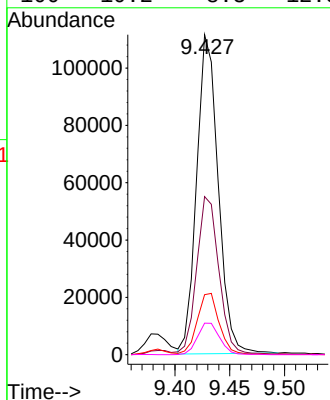
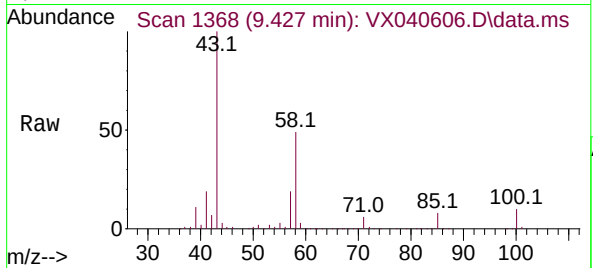


#48
2-Hexanone
Concen: 101.587 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 152720

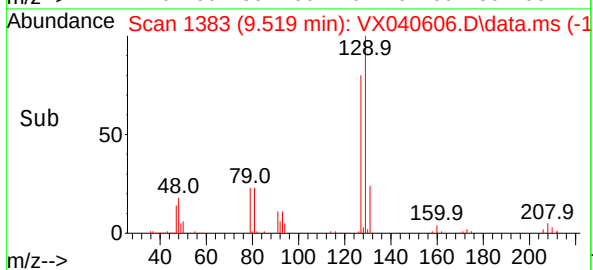
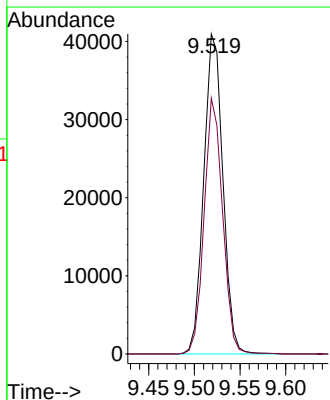
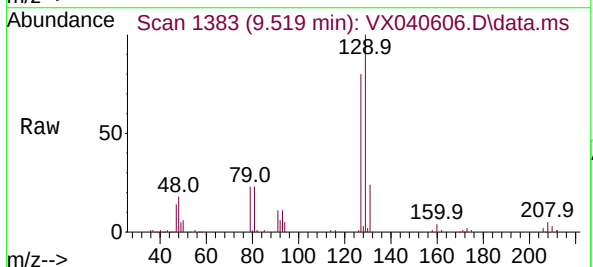
Ion	Ratio	Lower	Upper
43	100		
58	51.3	41.0	61.6
57	19.8	14.8	22.2
100	10.2	8.3	12.5

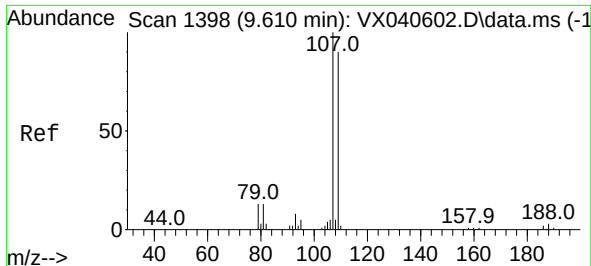


#49
Dibromochloromethane
Concen: 52.064 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

Tgt Ion: 129 Resp: 59430

Ion	Ratio	Lower	Upper
129	100		
127	79.9	55.8	103.6





#50

1,2-Dibromoethane

Concen: 52.334 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min MSVOA_X

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

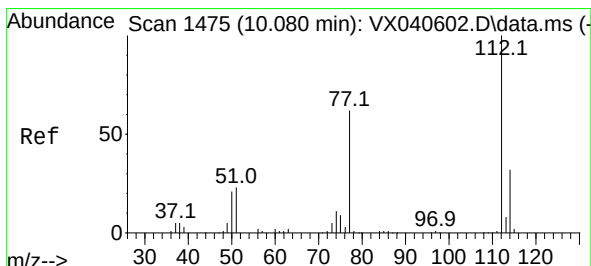
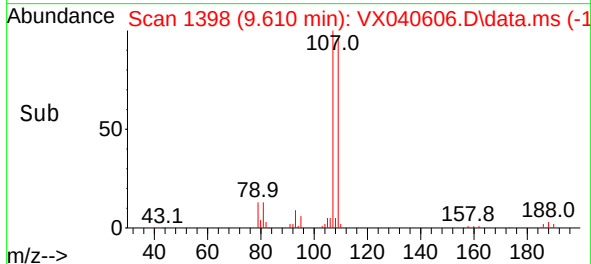
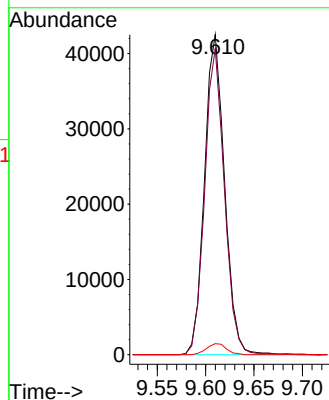
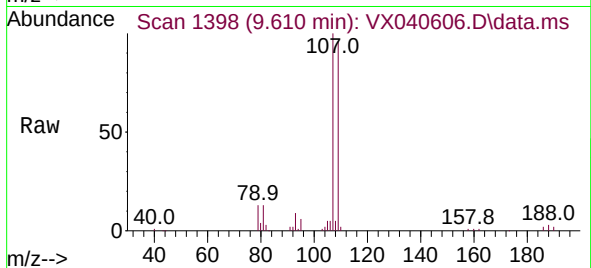
Tgt Ion:107 Resp: 61483

Ion Ratio Lower Upper

107 100

109 95.7 62.9 116.7

188 3.5 2.5 3.7



#51

Chlorobenzene

Concen: 51.498 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

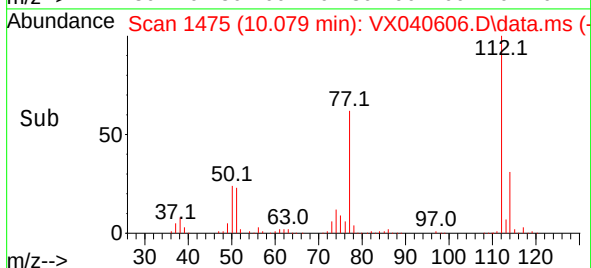
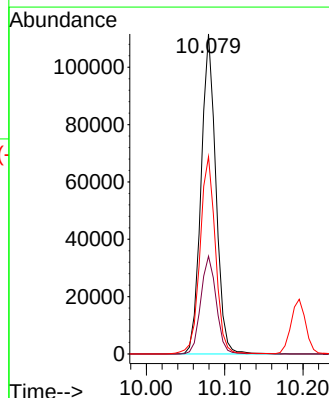
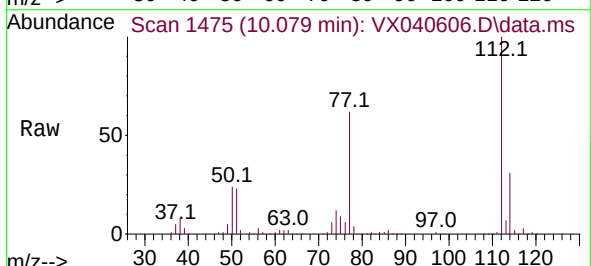
Tgt Ion:112 Resp: 146316

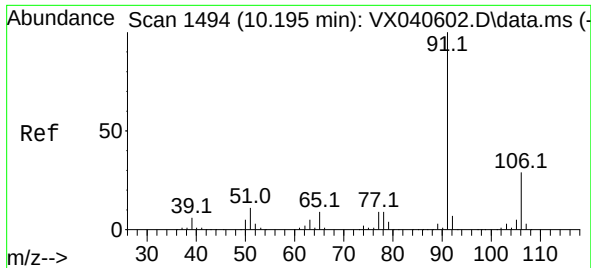
Ion Ratio Lower Upper

112 100

114 30.6 22.4 41.6

77 61.6 50.6 75.8





#52

Ethylbenzene

Concen: 51.658 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

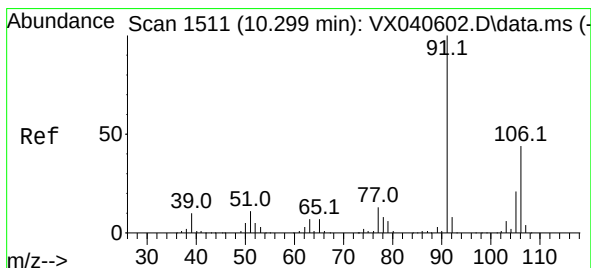
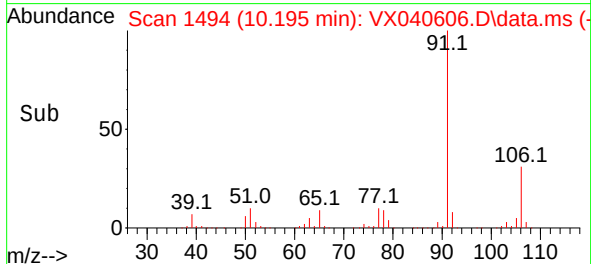
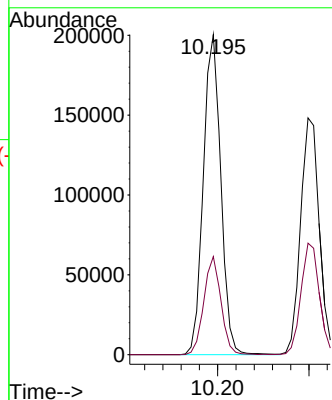
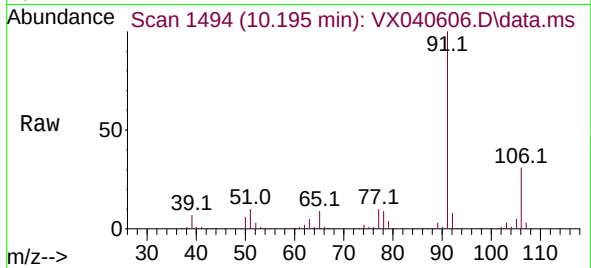
ClientSampleId :

Tgt Ion: 91 Resp: 266217

Ion Ratio Lower Upper

91 100

106 30.6 20.6 38.4



#53

m,p-Xylene

Concen: 52.248 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040606.D

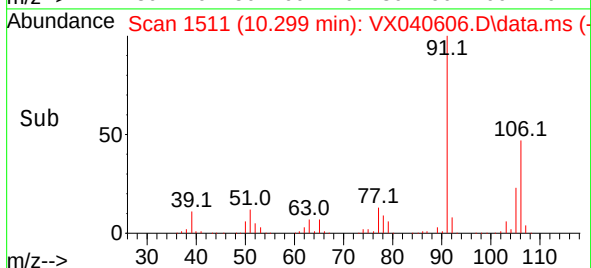
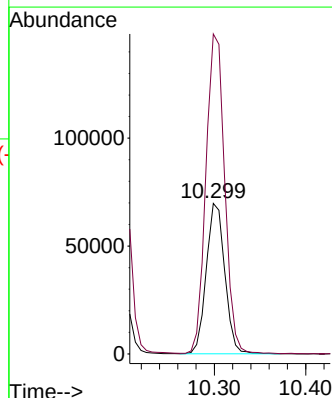
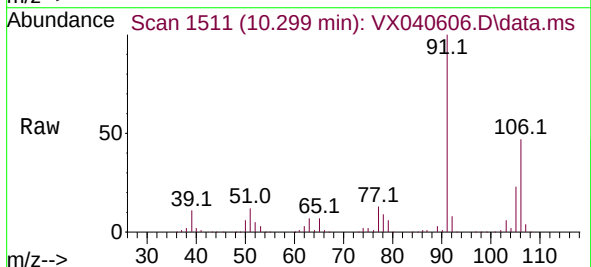
Acq: 06 Mar 2024 16:11

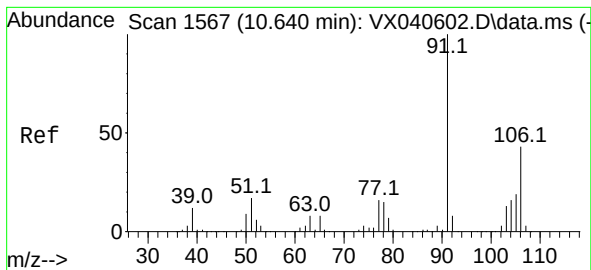
Tgt Ion:106 Resp: 97887

Ion Ratio Lower Upper

106 100

91 212.4 160.4 298.0





#54

o-Xylene

Concen: 52.674 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

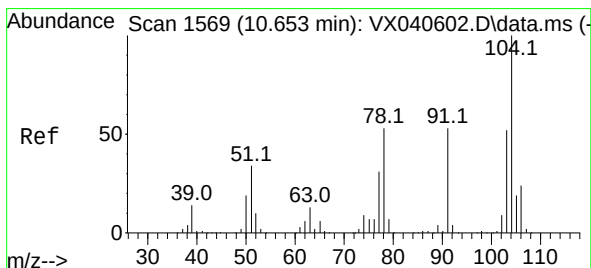
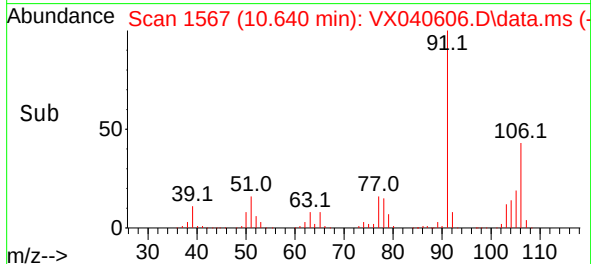
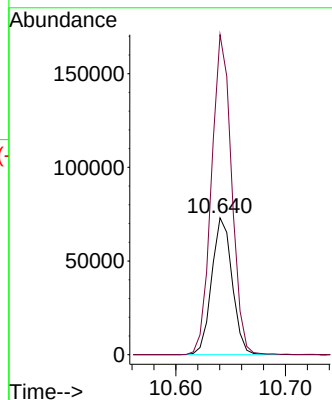
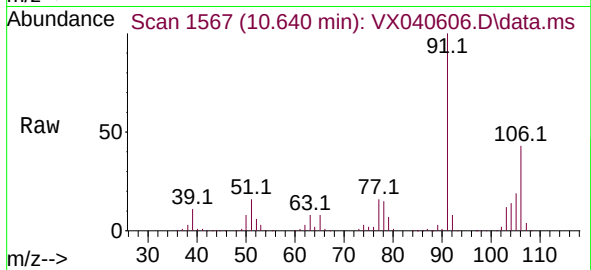
ClientSampleId :

Tgt Ion:106 Resp: 94730

Ion Ratio Lower Upper

106 100

91 234.0 161.7 300.3



#55

Styrene

Concen: 52.427 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX040606.D

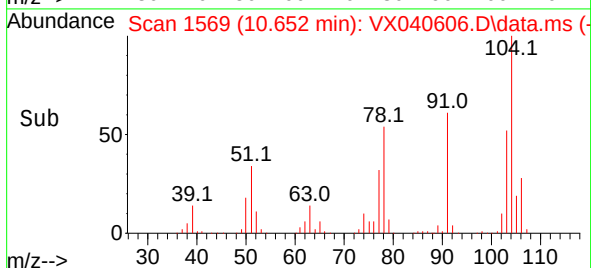
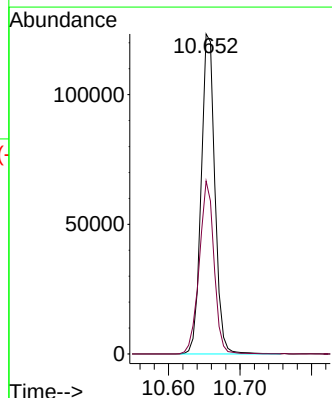
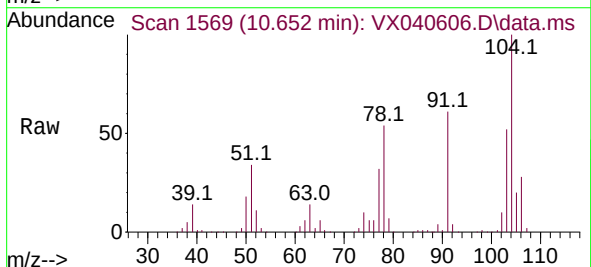
Acq: 06 Mar 2024 16:11

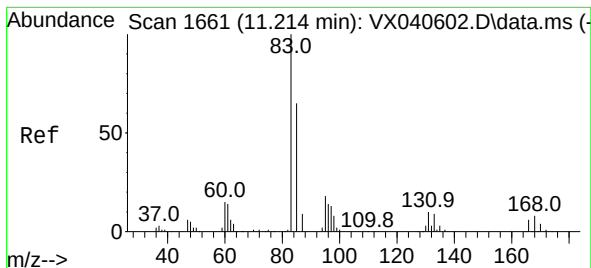
Tgt Ion:104 Resp: 164297

Ion Ratio Lower Upper

104 100

78 54.0 37.2 69.0

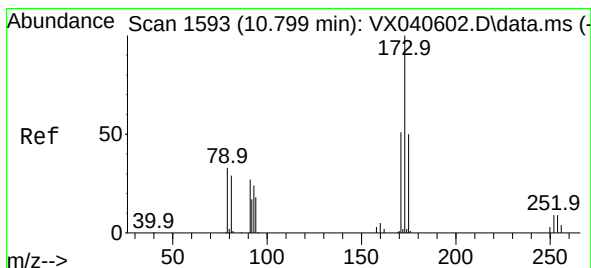
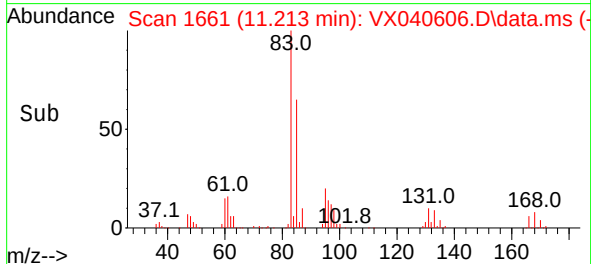
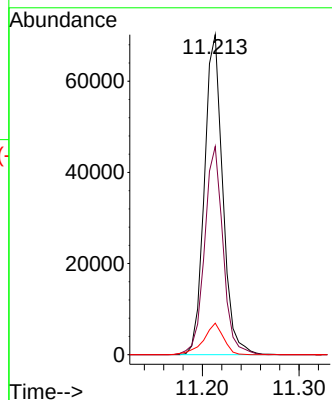
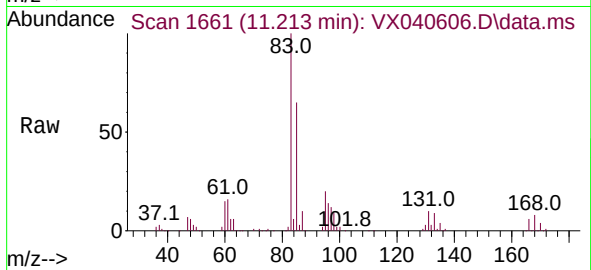




#57
1,1,2,2-Tetrachloroethane
Concen: 51.398 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

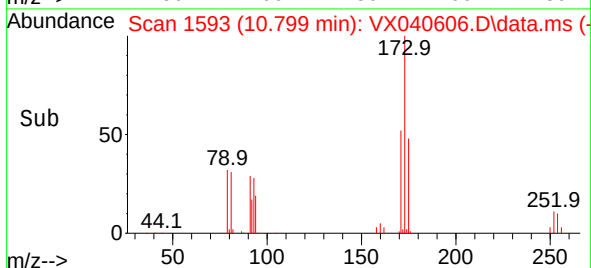
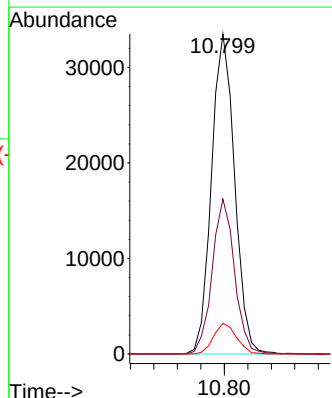
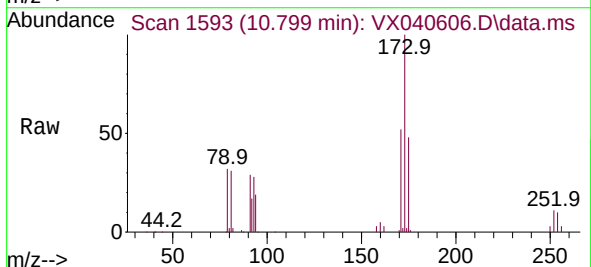
Instrument :
MSVOA_X
ClientSampleId :

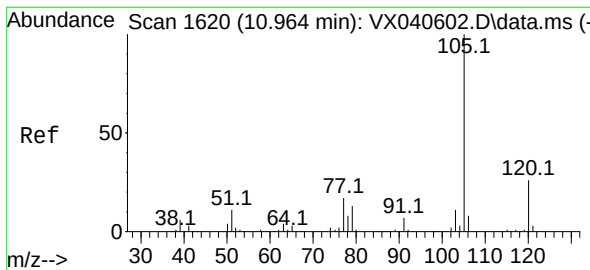
Tgt Ion: 83 Resp: 92548
Ion Ratio Lower Upper
83 100
85 65.0 45.2 84.0
131 9.9 8.2 12.2



#59
Bromoform
Concen: 50.886 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

Tgt Ion:173 Resp: 45773
Ion Ratio Lower Upper
173 100
175 46.8 39.4 59.0
254 9.5 7.9 11.9





#60

Isopropylbenzene

Concen: 50.928 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

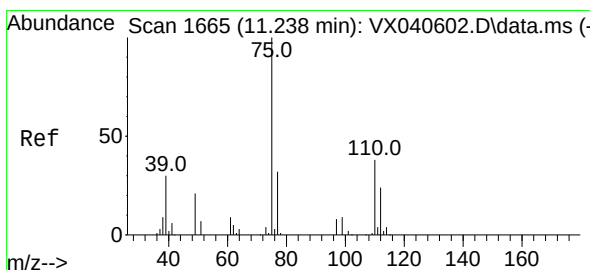
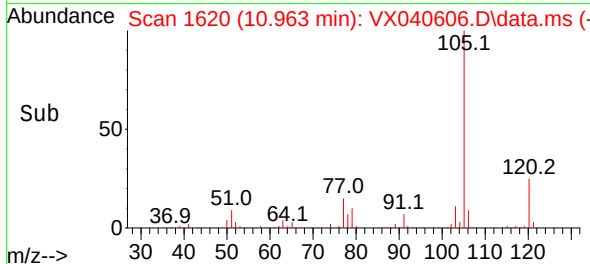
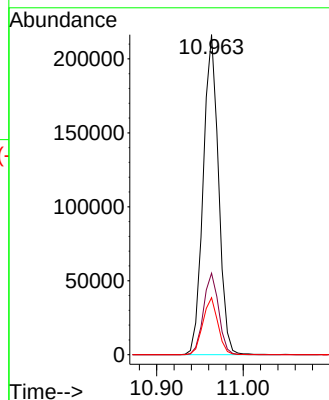
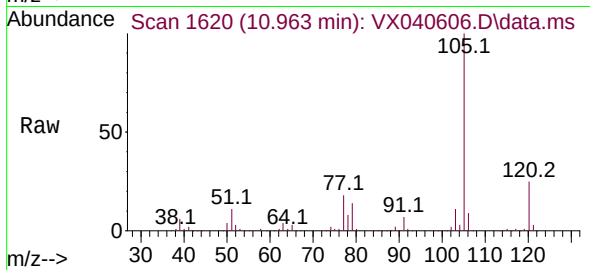
Tgt Ion:105 Resp: 265171

Ion Ratio Lower Upper

105 100

120 25.3 20.1 30.1

77 17.6 13.9 20.9



#61

1,2,3-Trichloropropane

Concen: 49.625 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

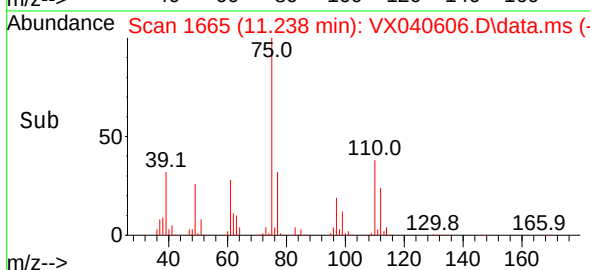
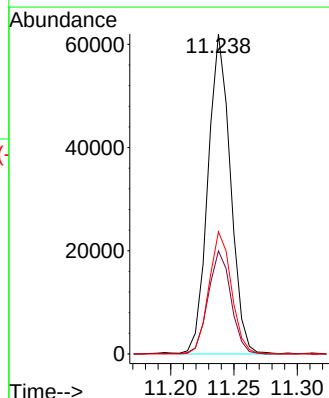
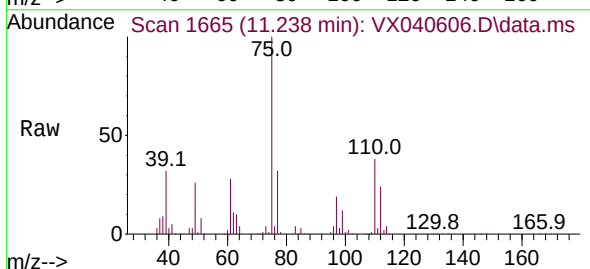
Tgt Ion: 75 Resp: 76693

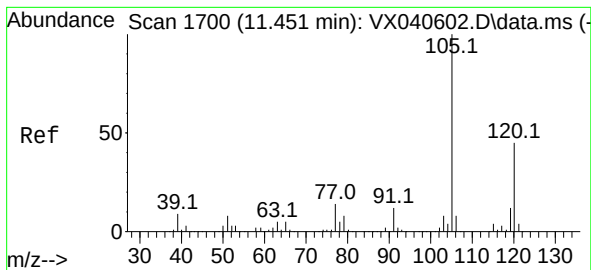
Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

110 38.2 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 52.027 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

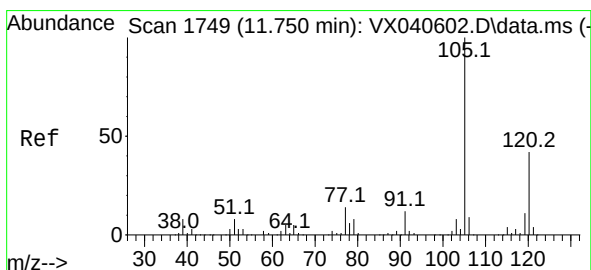
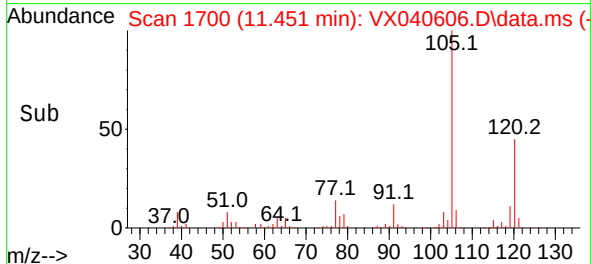
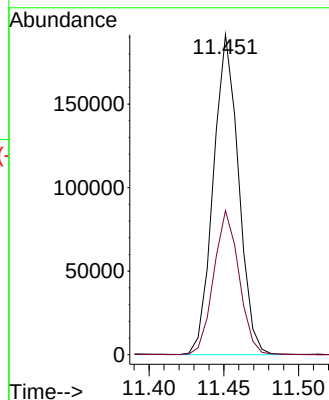
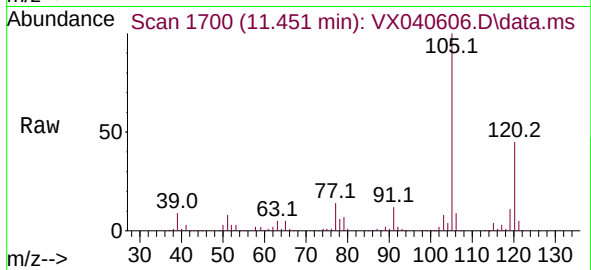
ClientSampleId :

Tgt Ion:105 Resp: 224595

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 51.963 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040606.D

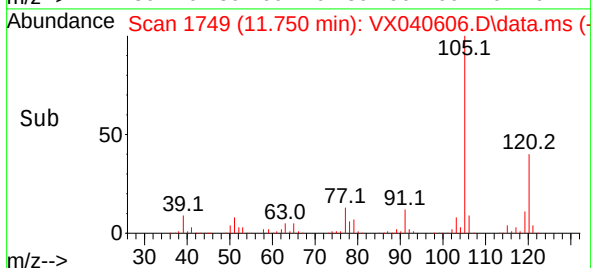
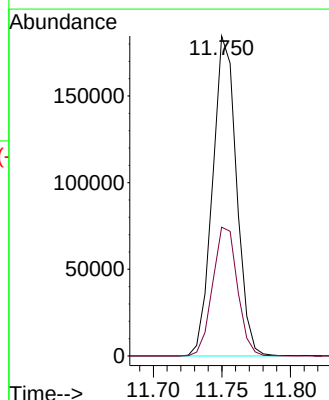
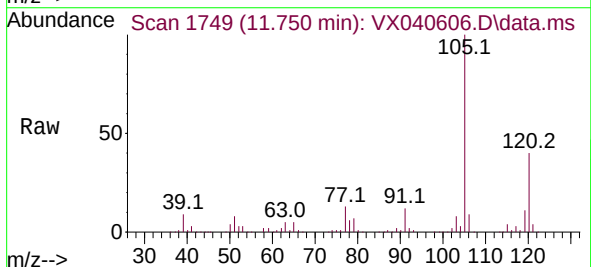
Acq: 06 Mar 2024 16:11

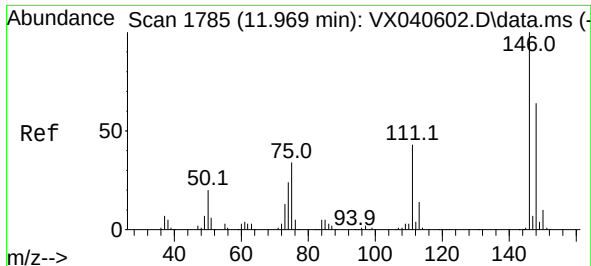
Tgt Ion:105 Resp: 224308

Ion Ratio Lower Upper

105 100

120 41.7 33.9 50.9

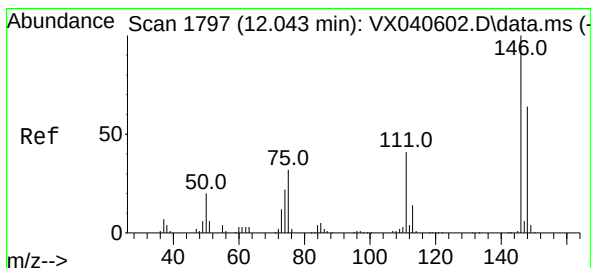
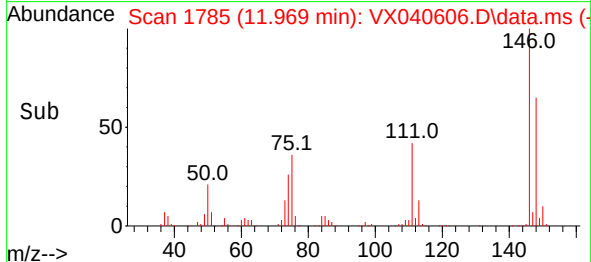
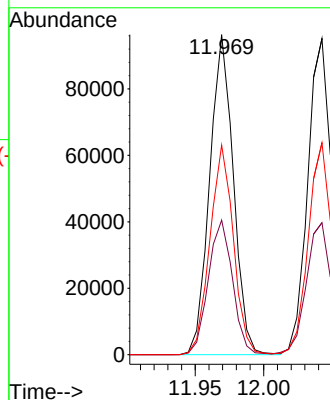
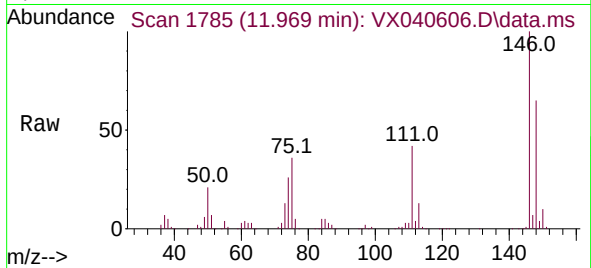




#64
1,3-Dichlorobenzene
Concen: 50.749 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

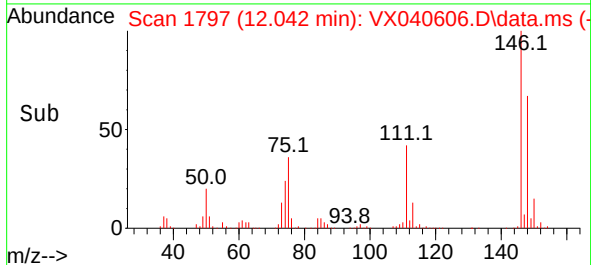
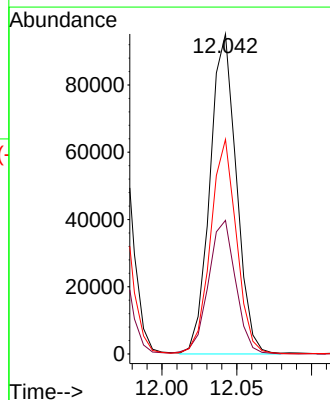
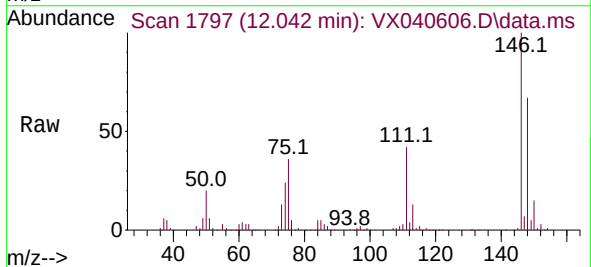
Instrument :
MSVOA_X
ClientSampleId :

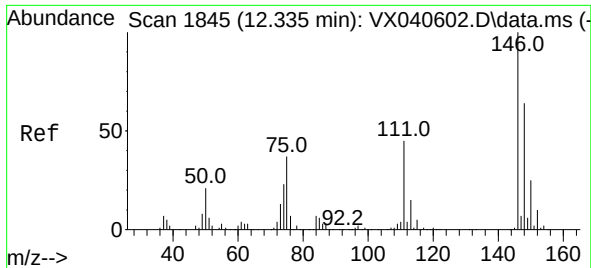
Tgt Ion:146 Resp: 115684
Ion Ratio Lower Upper
146 100
111 42.1 30.0 55.6
148 65.5 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 50.586 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040606.D
Acq: 06 Mar 2024 16:11

Tgt Ion:146 Resp: 117268
Ion Ratio Lower Upper
146 100
111 41.7 28.8 53.4
148 67.1 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 51.905 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

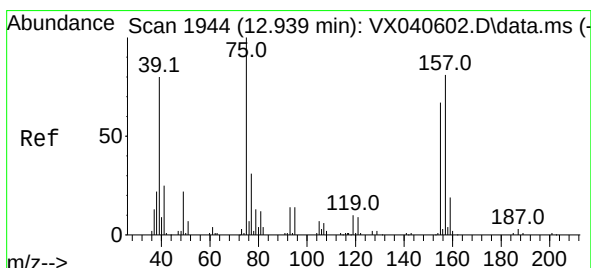
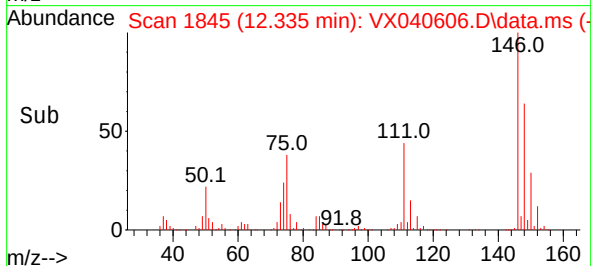
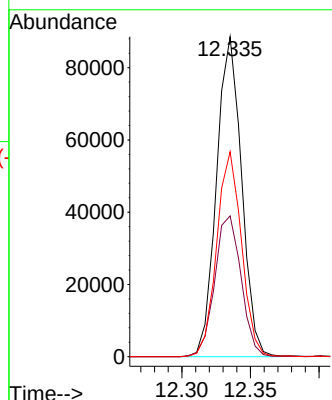
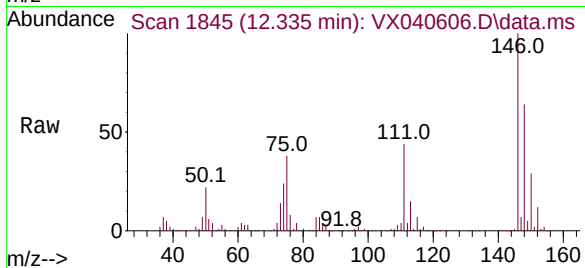
Tgt Ion:146 Resp: 112509

Ion Ratio Lower Upper

146 100

111 44.0 35.8 53.8

148 64.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 55.365 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

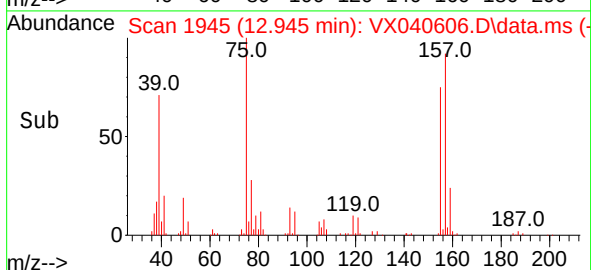
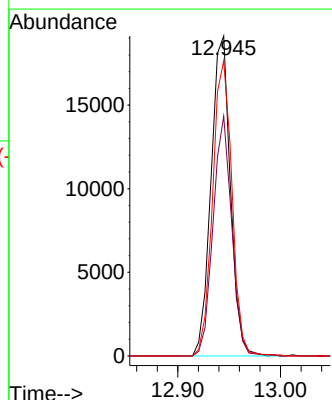
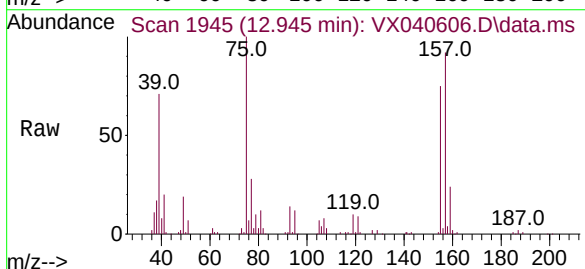
Tgt Ion: 75 Resp: 25048

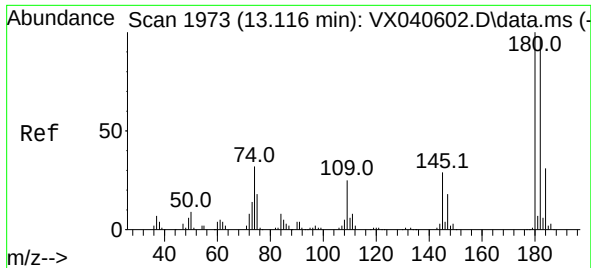
Ion Ratio Lower Upper

75 100

155 74.9 53.9 80.9

157 92.2 64.5 96.7





#69

1,3,5-Trichlorobenzene

Concen: 54.039 ug/L

RT: 13.109 min Scan# 1773

Delta R.T. -0.006 min

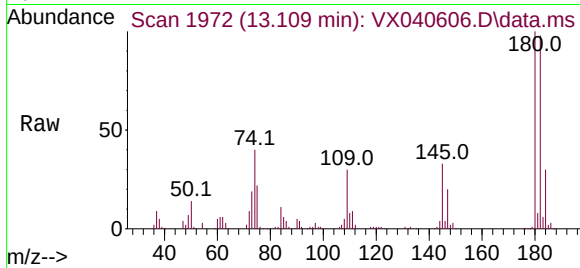
Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 82687

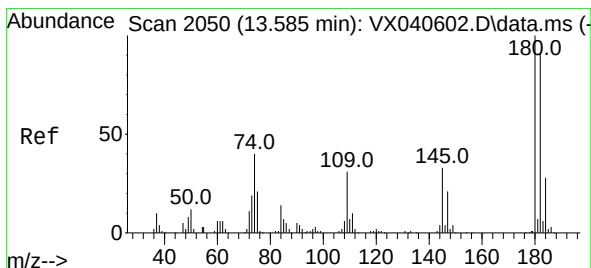
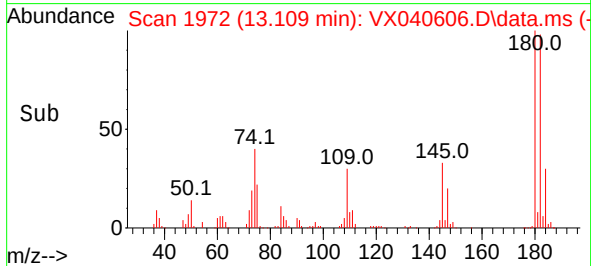
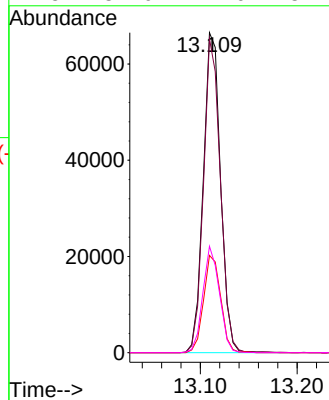
Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

184 30.1 24.3 36.5

145 32.0 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 53.831 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

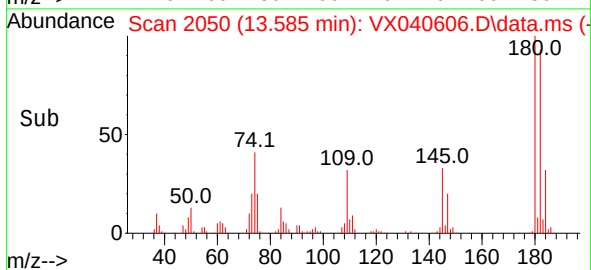
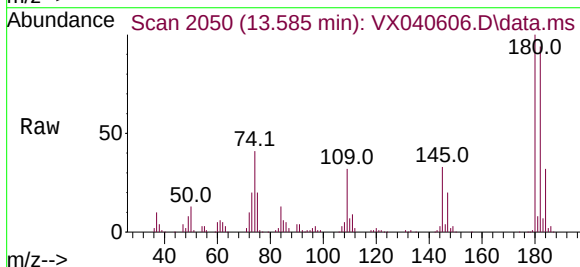
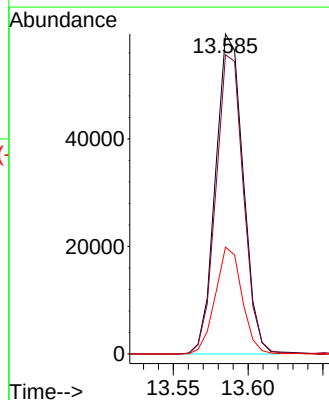
Tgt Ion:180 Resp: 76386

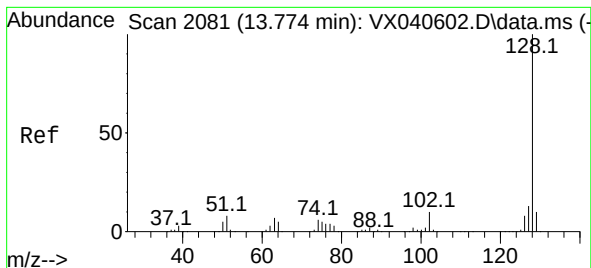
Ion Ratio Lower Upper

180 100

182 93.6 75.1 112.7

145 32.4 26.2 39.4





#71

Naphthalene

Concen: 51.948 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

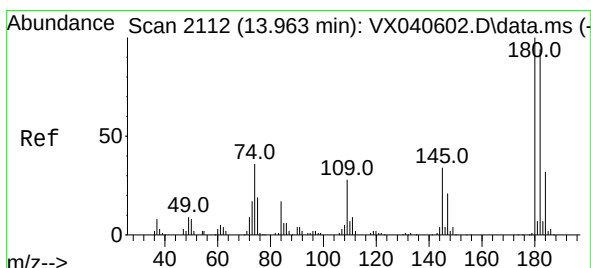
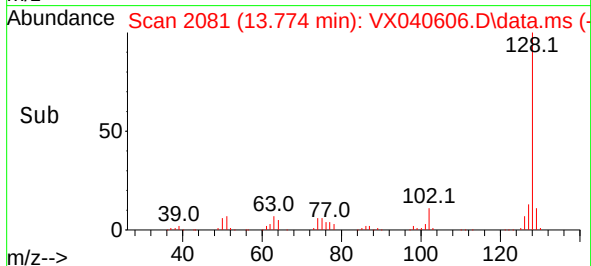
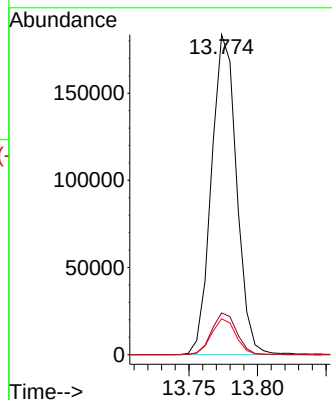
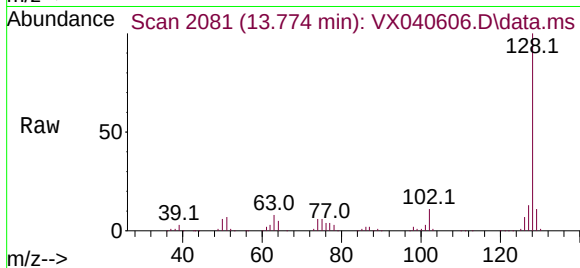
Tgt Ion:128 Resp: 234299

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 54.132 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040606.D

Acq: 06 Mar 2024 16:11

Tgt Ion:180 Resp: 75667

Ion Ratio Lower Upper

180 100

182 94.4 76.9 115.3

145 33.8 27.8 41.8

