

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
 Data File : VX041123.D
 Acq On : 17 Apr 2024 13:51
 Operator : JC/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 01:28:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 01:26:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	293177	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	269475	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	150491	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	108392	51.669	ug/L	0.00
7) Chloroethane-d5	1.648	69	52440	50.852	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	46580	51.827	ug/L	0.00
21) 2-Butanone-d5	4.471	46	128111	106.976	ug/L	0.00
24) Chloroform-d	5.056	84	202568	52.461	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	126757	51.659	ug/L	0.00
32) Benzene-d6	5.970	84	406757	52.403	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	117539	52.314	ug/L	0.00
41) Toluene-d8	8.647	98	381249	52.358	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	53664	53.391	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	95743	104.958	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	172934	52.755	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	167860	51.867	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	94242	51.374	ug/L	100
3) Chloromethane	1.300	50	91058	51.854	ug/L	100
5) Vinyl chloride	1.374	62	98959	52.302	ug/L	100
6) Bromomethane	1.599	94	50828	51.266	ug/L	100
8) Chloroethane	1.666	64	33407	47.181	ug/L	100
9) Trichlorofluoromethane	1.861	101	149266	52.612	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	98249	51.126	ug/L	100
12) 1,1-Dichloroethene	2.306	96	86480	52.674	ug/L	100
13) Acetone	2.398	43	98906	102.965	ug/L	100
14) Carbon disulfide	2.501	76	165413	51.773	ug/L	100
15) Methyl Acetate	2.709	43	105504	51.704	ug/L	100
16) Methylene chloride	2.782	84	95708	52.846	ug/L	100
17) trans-1,2-Dichloroethene	3.081	96	87764	52.901	ug/L	100
18) Methyl tert-butyl Ether	3.123	73	298450	52.256	ug/L	100
19) 1,1-Dichloroethane	3.605	63	165856	52.466	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	104014	52.592	ug/L	100
22) 2-Butanone	4.568	43	152752	106.209	ug/L	100
23) Bromochloromethane	4.903	128	53213	51.678	ug/L	100
25) Chloroform	5.086	83	179396	52.823	ug/L	100
27) 1,2-Dichloroethane	6.086	62	140506	52.426	ug/L	100
29) Cyclohexane	5.464	56	141698	52.270	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	154190	52.740	ug/L	100
31) Carbon tetrachloride	5.672	117	133103	52.959	ug/L	100
33) Benzene	6.031	78	370678	52.739	ug/L	100
34) Trichloroethene	7.123	95	99519	52.306	ug/L	100
35) Methylcyclohexane	7.379	83	151087	52.248	ug/L	100
37) 1,2-Dichloropropane	7.427	63	96305	52.839	ug/L	100
38) Bromodichloromethane	7.824	83	123896	53.180	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	149026	53.674	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	289556	106.904	ug/L	100
42) Toluene	8.720	91	404243	53.331	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	136014	53.783	ug/L	100

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 ClientSampleId :

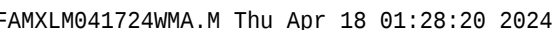
Quant Time: Apr 18 01:28:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 01:26:34 2024
 Response via : Initial Calibration

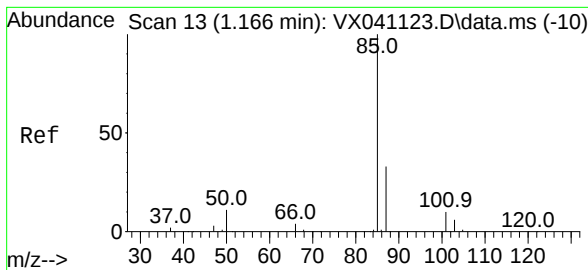
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	9.153	97	103715	52.797	ug/L	100
46) Tetrachloroethene	9.275	164	96600	53.028	ug/L	100
48) 2-Hexanone	9.433	43	228700	108.722	ug/L	100
49) Dibromochloromethane	9.518	129	107817	54.032	ug/L	100
50) 1,2-Dibromoethane	9.610	107	109251	53.396	ug/L	100
51) Chlorobenzene	10.079	112	276702	52.374	ug/L	100
52) Ethylbenzene	10.195	91	450688	53.365	ug/L	100
53) m,p-Xylene	10.299	106	179713	53.753	ug/L	100
54) o-Xylene	10.640	106	179059	53.477	ug/L	100
55) Styrene	10.652	104	302685	54.324	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	165713	52.835	ug/L	100
59) Bromoform	10.799	173	89393	52.595	ug/L	100
60) Isopropylbenzene	10.963	105	475847	53.609	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	127996	51.590	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	391563	54.026	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	391250	54.274	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	237648	52.472	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	240705	52.100	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	246461	52.474	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	33538	52.969	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	187362	53.124	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	168263	52.905	ug/L	100
71) Naphthalene	13.774	128	502249	55.019	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	177720	53.525	ug/L	100

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

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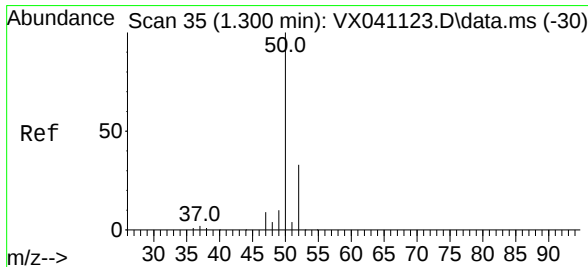
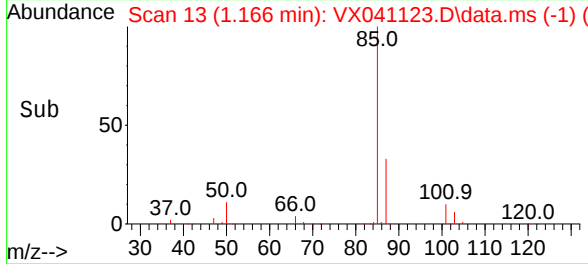
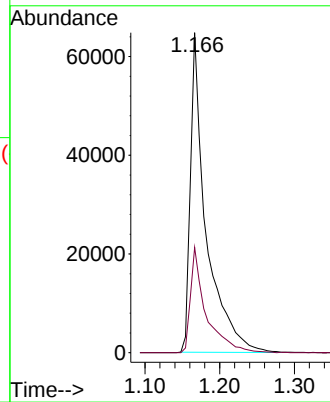
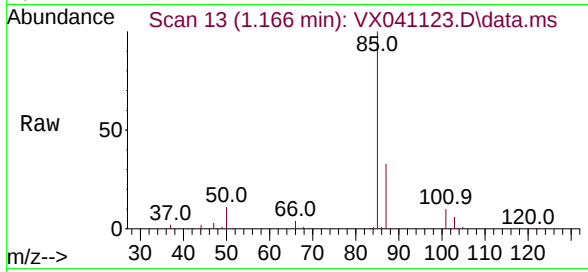




#2
Dichlorodifluoromethane
Concen: 51.374 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

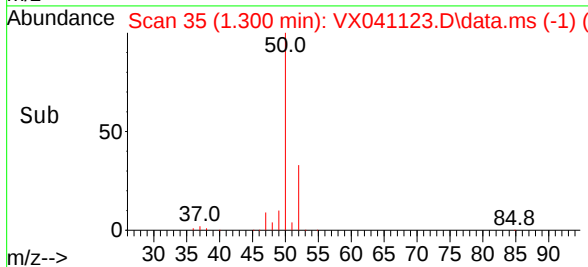
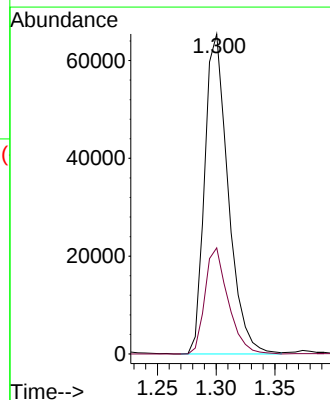
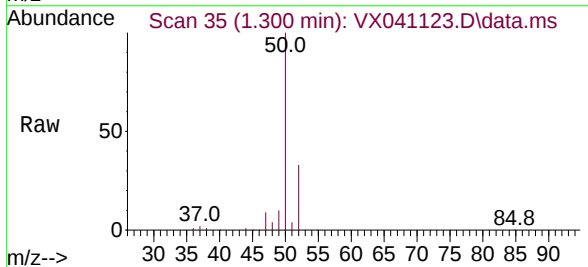
Instrument :
MSVOA_X
ClientSampleId :

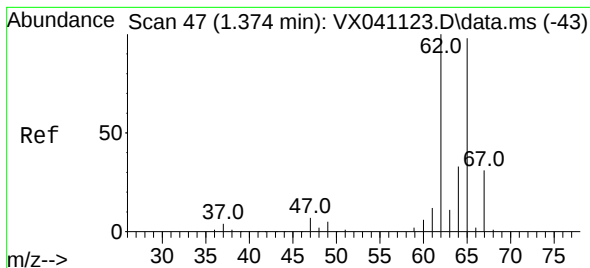
Tgt Ion: 85 Resp: 94242
Ion Ratio Lower Upper
85 100
87 32.7 26.2 39.2



#3
Chloromethane
Concen: 51.854 ug/L
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

Tgt Ion: 50 Resp: 91058
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2





#5

Vinyl chloride

Concen: 52.302 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

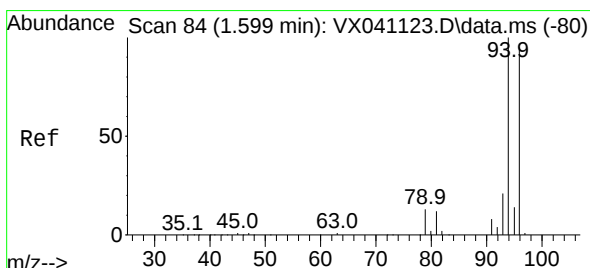
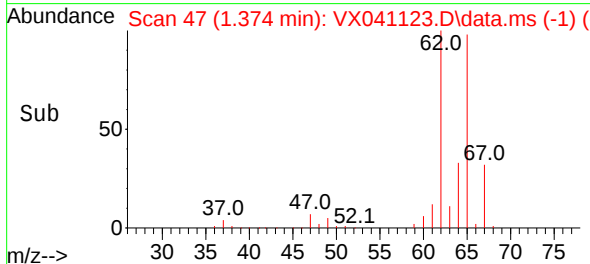
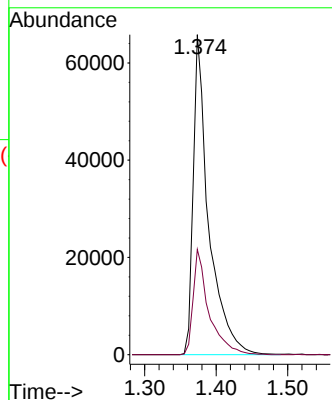
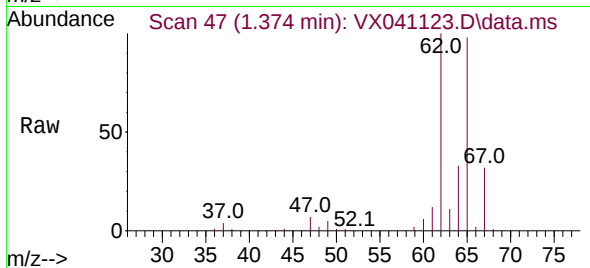
ClientSampleId :

Tgt Ion: 62 Resp: 98959

Ion Ratio Lower Upper

62 100

64 32.9 23.0 42.8



#6

Bromomethane

Concen: 51.266 ug/L

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041123.D

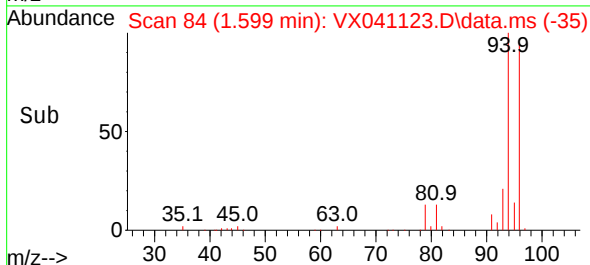
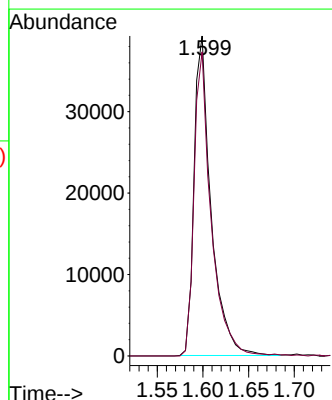
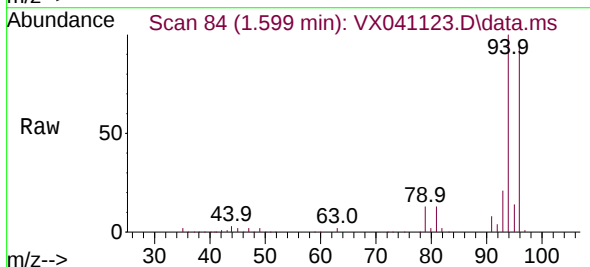
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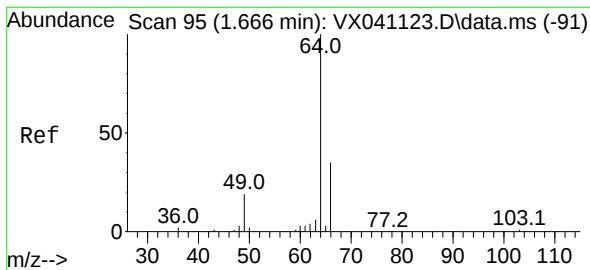
Tgt Ion: 94 Resp: 50828

Ion Ratio Lower Upper

94 100

96 95.0 66.5 123.5





#8

Chloroethane

Concen: 47.181 ug/L

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

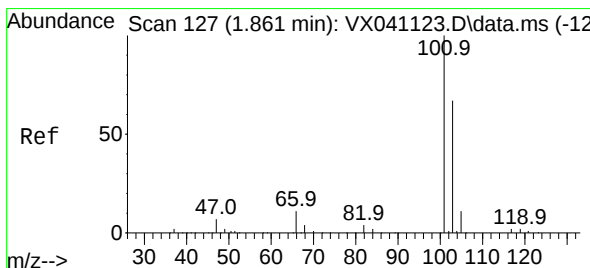
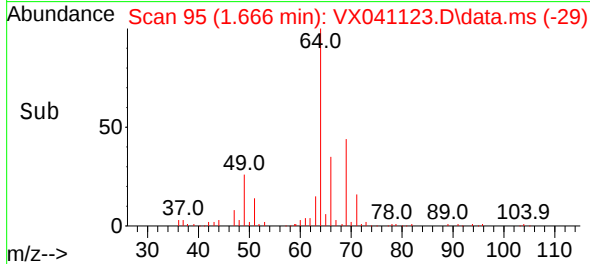
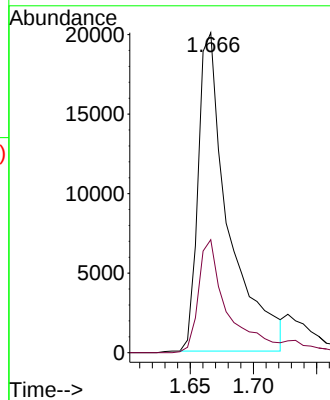
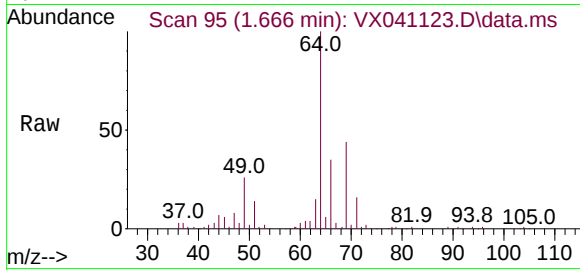
ClientSampleId :

Tgt Ion: 64 Resp: 33407

Ion Ratio Lower Upper

64 100

66 35.3 24.7 45.9



#9

Trichlorofluoromethane

Concen: 52.612 ug/L

RT: 1.861 min Scan# 127

Delta R.T. 0.000 min

Lab File: VX041123.D

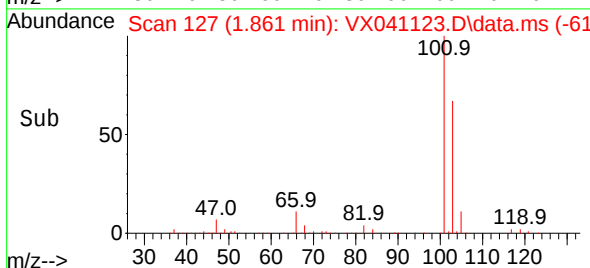
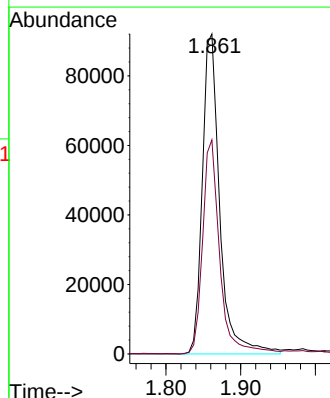
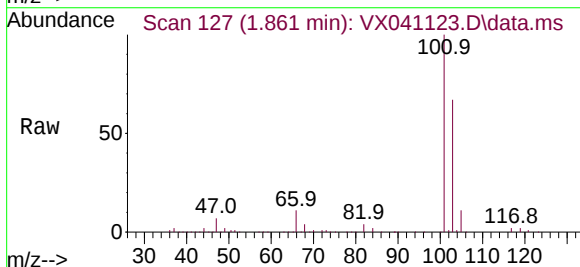
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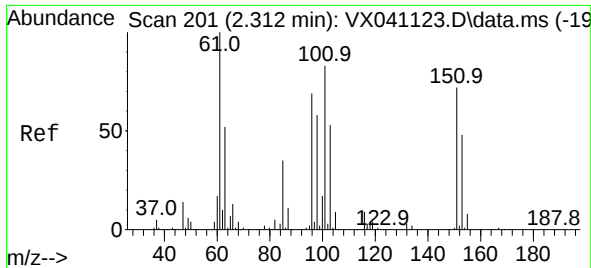
Tgt Ion:101 Resp: 149266

Ion Ratio Lower Upper

101 100

103 65.7 52.6 78.8

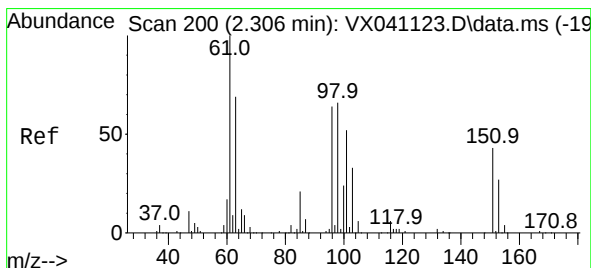
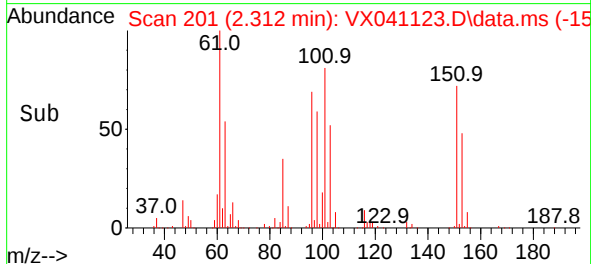
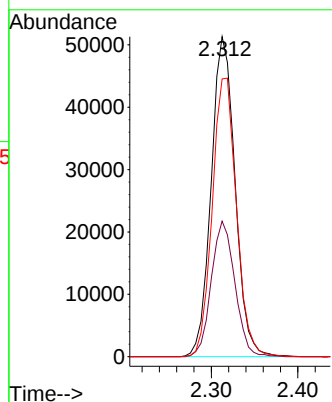
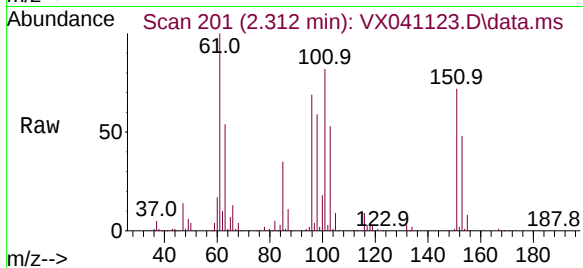




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.126 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VX041123.D
 Acq: 17 Apr 2024 13:51

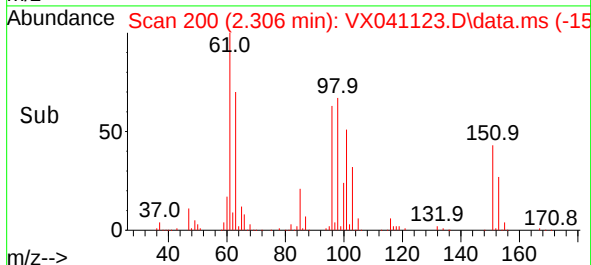
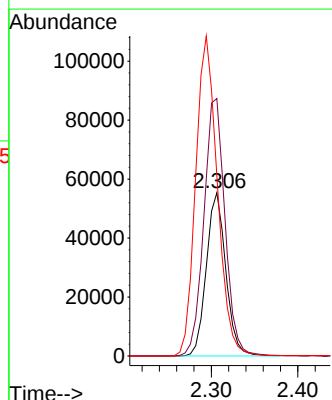
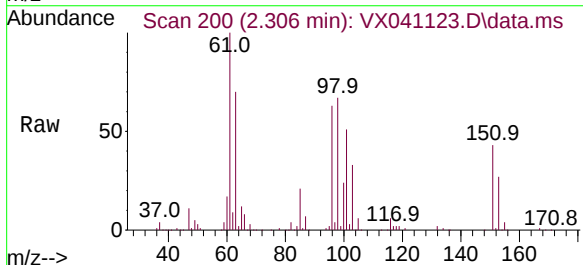
Instrument :
 MSVOA_X
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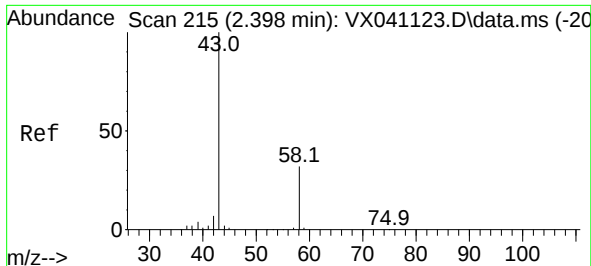
Tgt Ion:101 Resp: 98249
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.4 50.2
 151 88.1 70.5 105.7



#12
 1,1-Dichloroethene
 Concen: 52.674 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX041123.D
 Acq: 17 Apr 2024 13:51

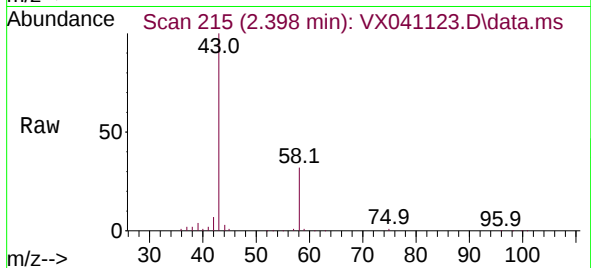
Tgt Ion: 96 Resp: 86480
 Ion Ratio Lower Upper
 96 100
 61 157.6 110.3 204.9
 63 110.6 77.4 143.8



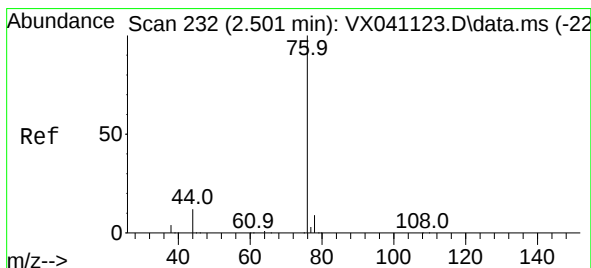
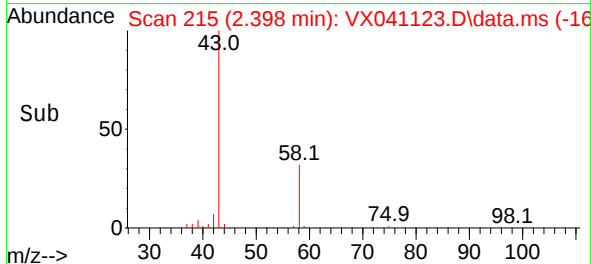
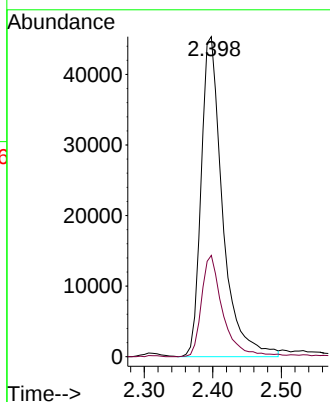


#13
Acetone
Concen: 102.965 ug/L
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :

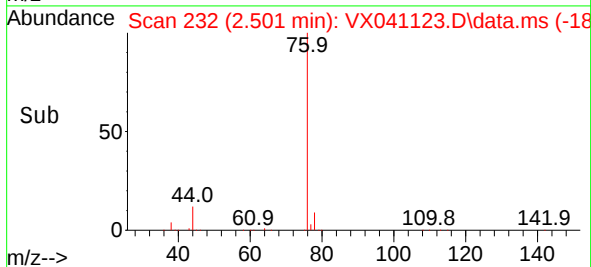
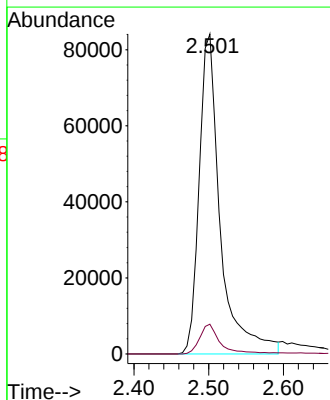
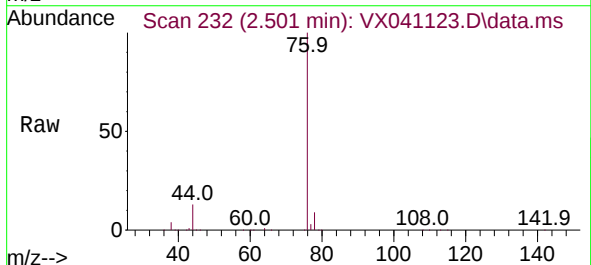


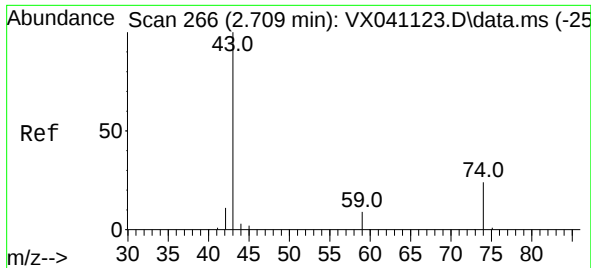
Tgt Ion: 43 Resp: 98906
Ion Ratio Lower Upper
43 100
58 31.2 0.0 62.4



#14
Carbon disulfide
Concen: 51.773 ug/L
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

Tgt Ion: 76 Resp: 165413
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

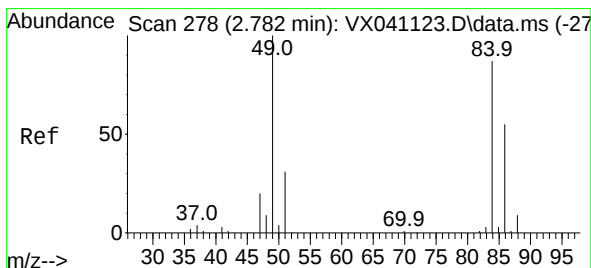
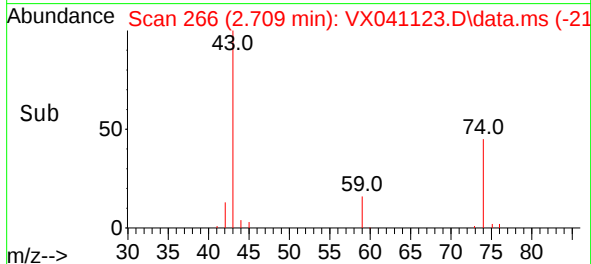
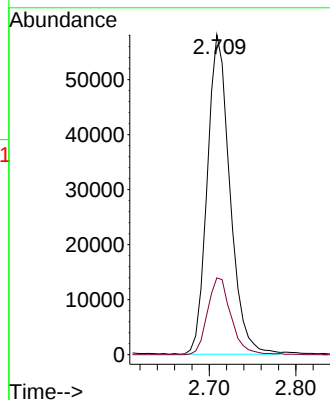
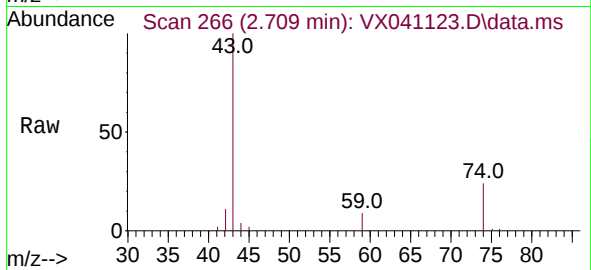




#15
Methyl Acetate
Concen: 51.704 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

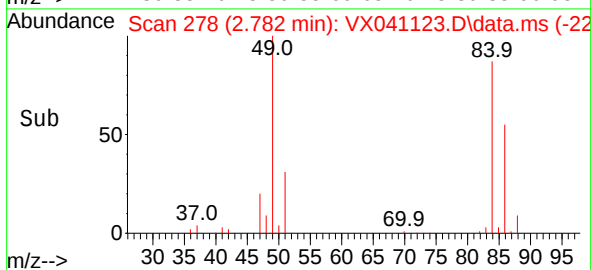
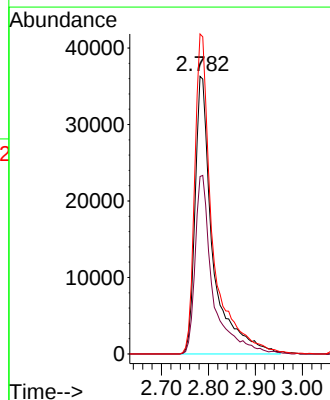
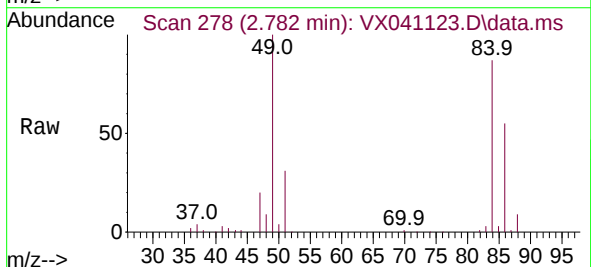
Instrument :
MSVOA_X
ClientSampleId :

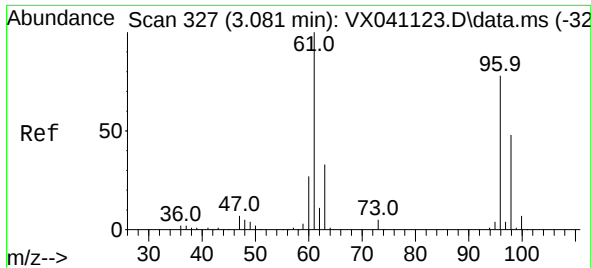
Tgt Ion: 43 Resp: 105504
Ion Ratio Lower Upper
43 100
74 24.9 19.9 29.9



#16
Methylene chloride
Concen: 52.846 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

Tgt Ion: 84 Resp: 95708
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 115.2 80.6 149.8

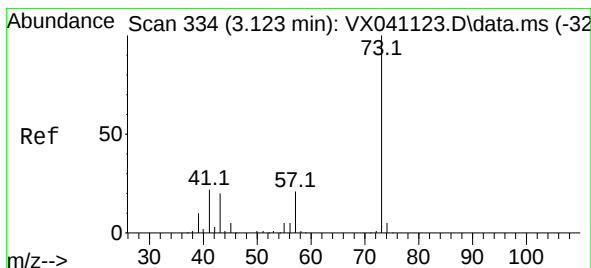
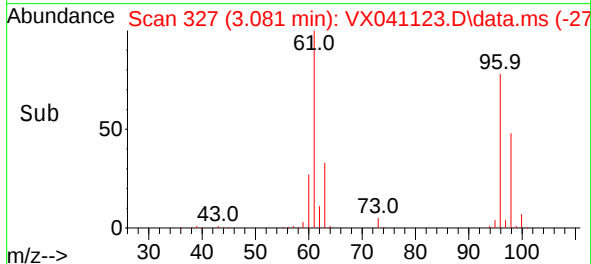
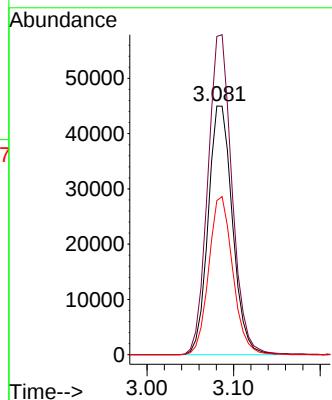
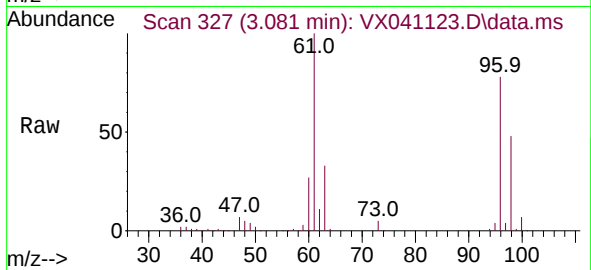




#17
trans-1,2-Dichloroethene
Concen: 52.901 ug/L
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

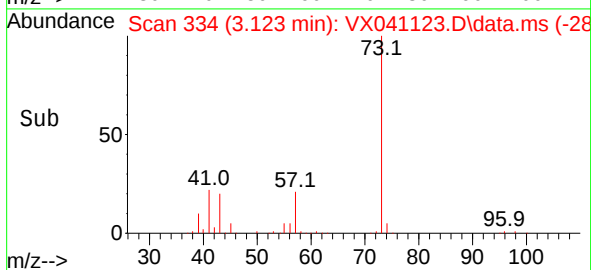
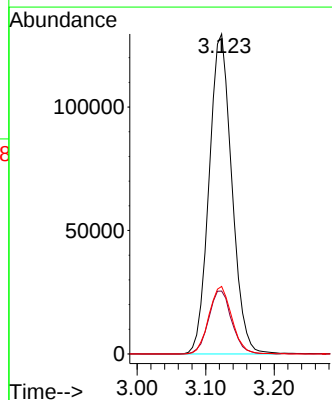
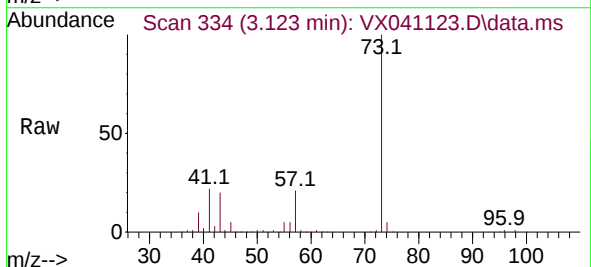
Instrument :
MSVOA_X
ClientSampleId :

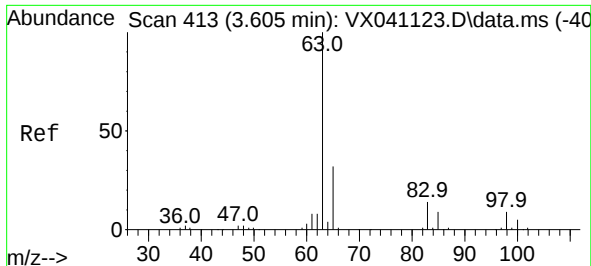
Tgt Ion: 96 Resp: 87764
Ion Ratio Lower Upper
96 100
61 128.0 89.6 166.4
98 62.0 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 52.256 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

Tgt Ion: 73 Resp: 298450
Ion Ratio Lower Upper
73 100
43 20.1 16.1 24.1
57 21.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 52.466 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

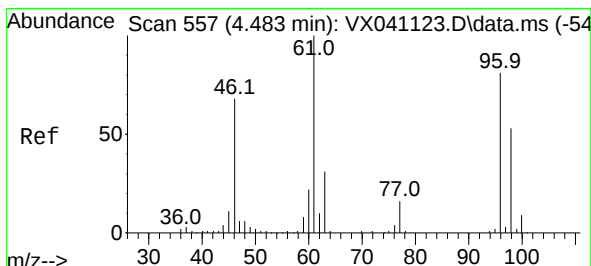
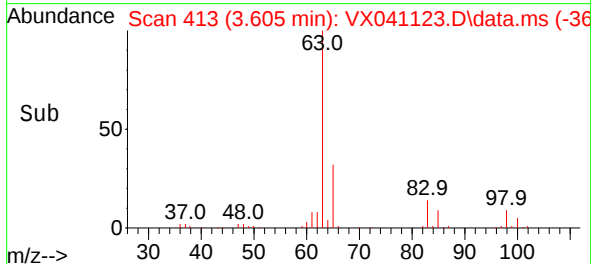
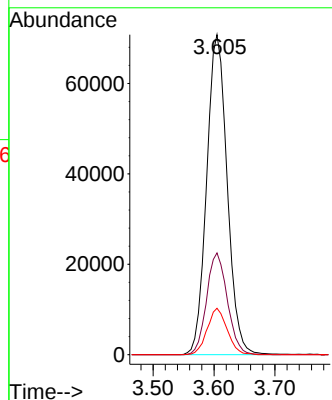
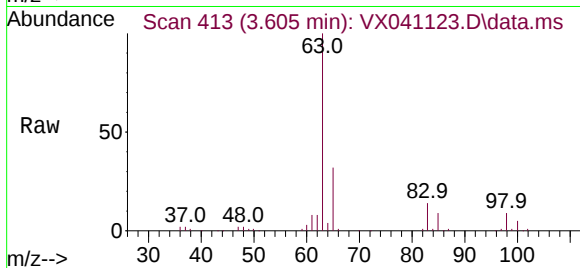
Tgt Ion: 63 Resp: 165856

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 14.5 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 52.592 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

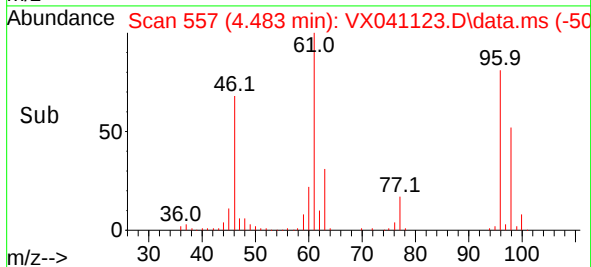
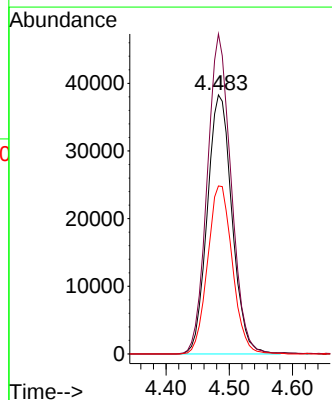
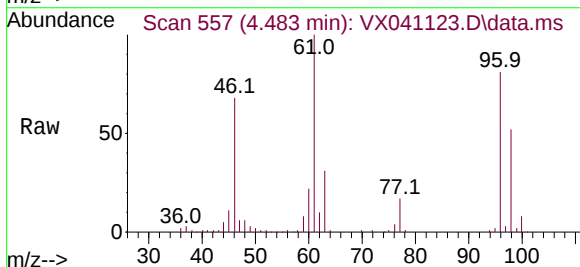
Tgt Ion: 96 Resp: 104014

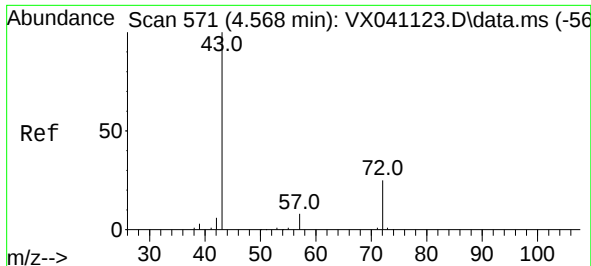
Ion Ratio Lower Upper

96 100

61 123.6 86.5 160.7

98 64.8 45.4 84.2

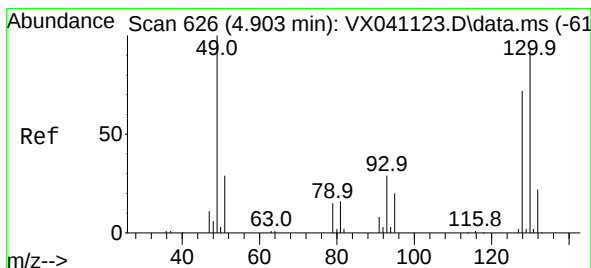
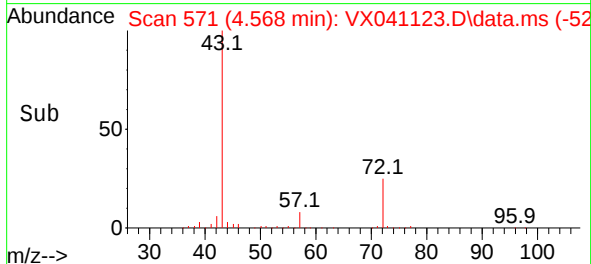
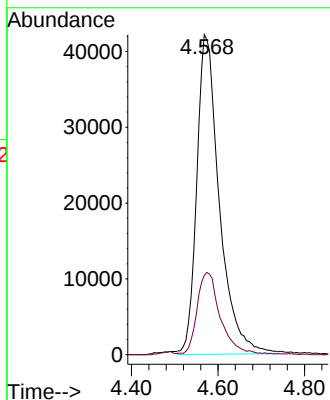
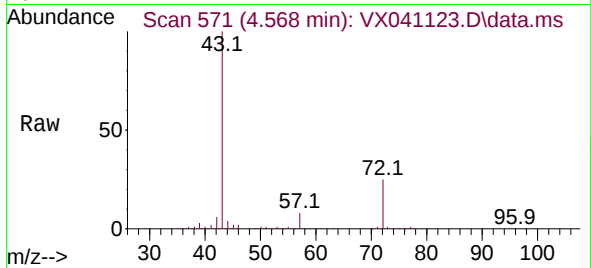




#22
2-Butanone
Concen: 106.209 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

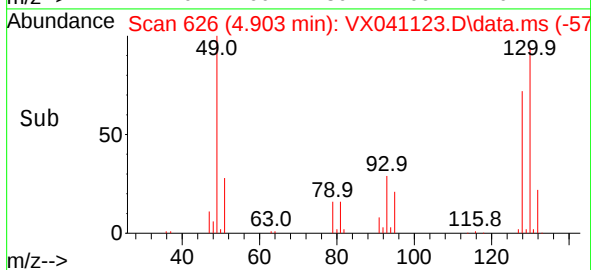
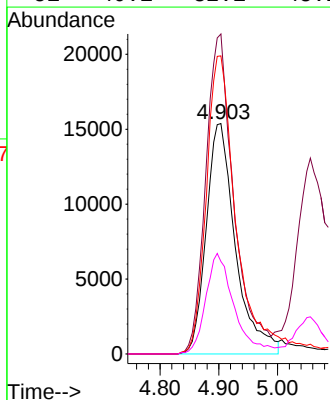
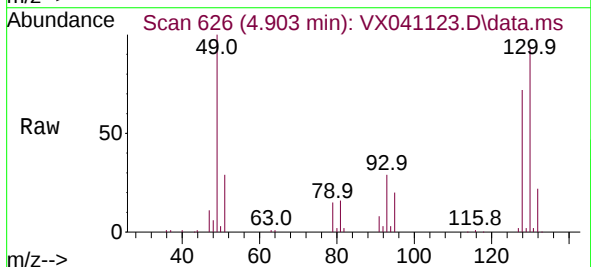
Instrument :
MSVOA_X
ClientSampleId :

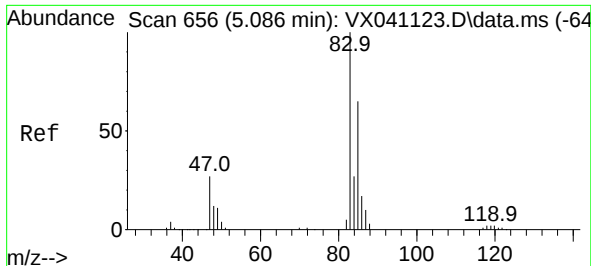
Tgt Ion: 43 Resp: 152752
Ion Ratio Lower Upper
43 100
72 25.0 12.5 37.5



#23
Bromochloromethane
Concen: 51.678 ug/L
RT: 4.903 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

Tgt Ion: 128 Resp: 53213
Ion Ratio Lower Upper
128 100
49 138.9 97.2 180.6
130 129.4 90.6 168.2
51 40.1 32.1 48.1





#25

Chloroform

Concen: 52.823 ug/L

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

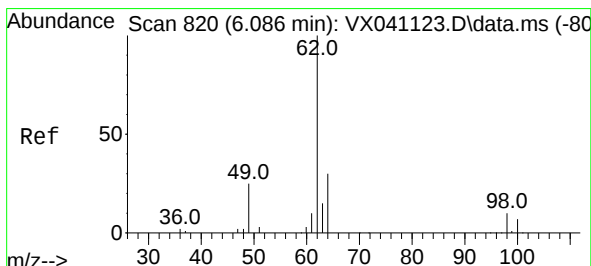
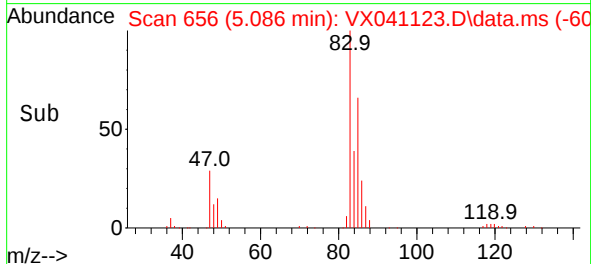
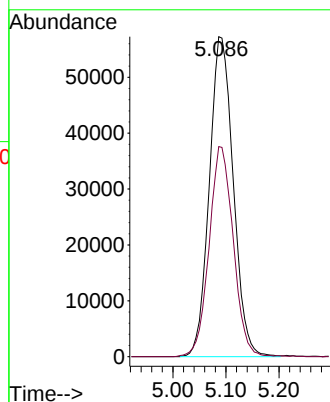
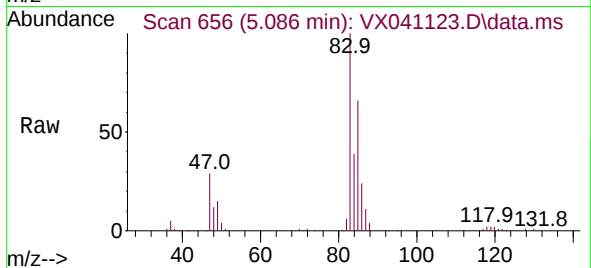
ClientSampleId :

Tgt Ion: 83 Resp: 179396

Ion Ratio Lower Upper

83 100

85 65.6 45.9 85.3



#27

1,2-Dichloroethane

Concen: 52.426 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX041123.D

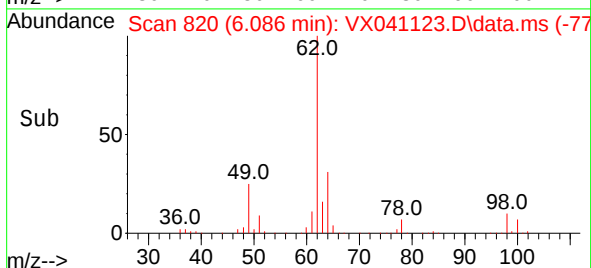
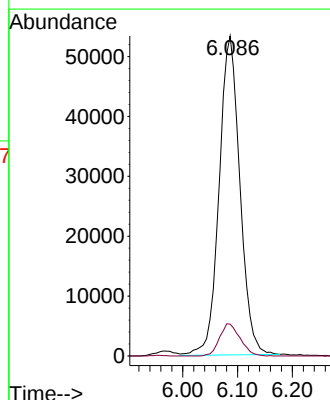
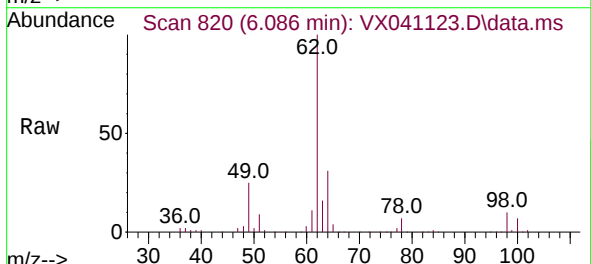
Acq: 17 Apr 2024 13:51

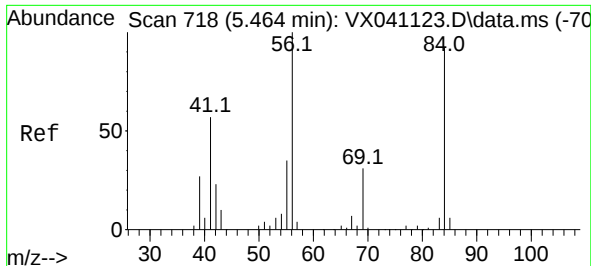
Tgt Ion: 62 Resp: 140506

Ion Ratio Lower Upper

62 100

98 9.9 7.9 11.9





#29

Cyclohexane

Concen: 52.270 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

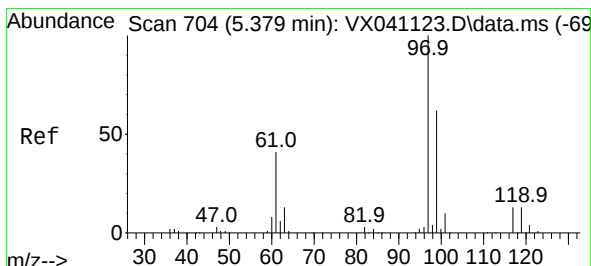
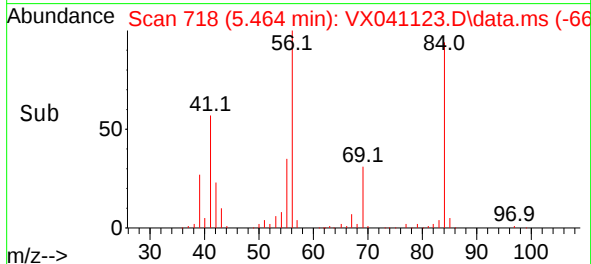
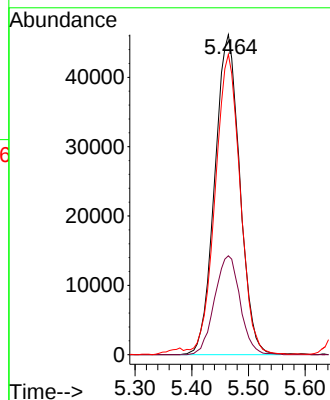
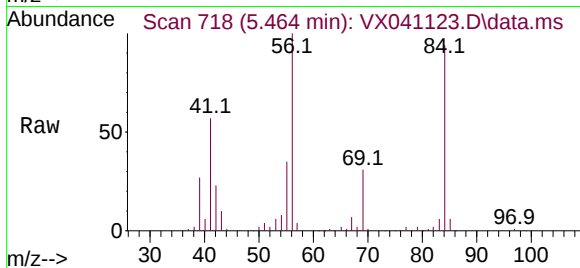
Tgt Ion: 56 Resp: 141698

Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

84 93.7 75.0 112.6



#30

1,1,1-Trichloroethane

Concen: 52.740 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

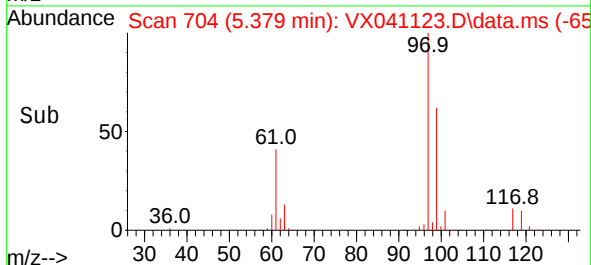
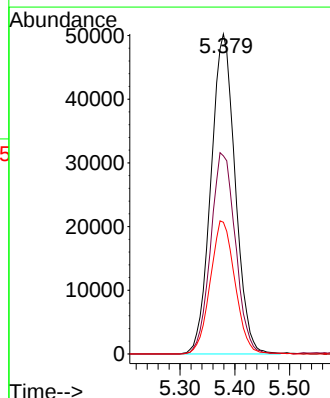
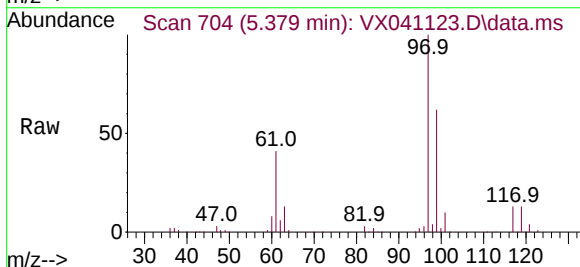
Tgt Ion: 97 Resp: 154190

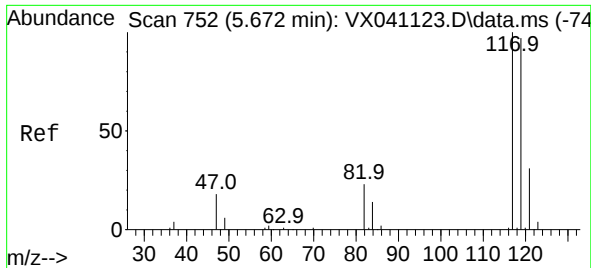
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 42.4 33.9 50.9

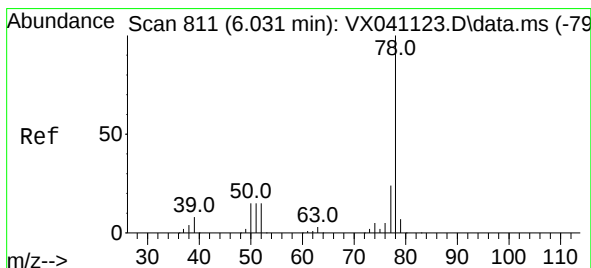
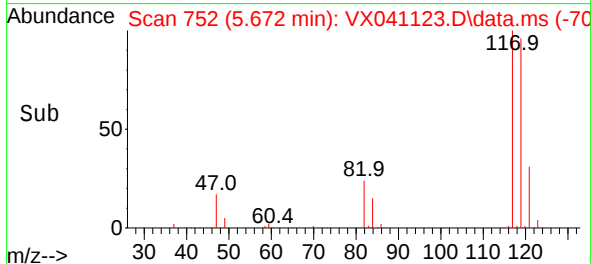
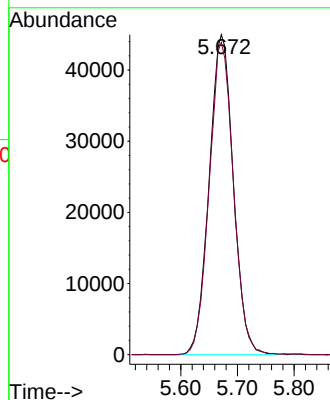
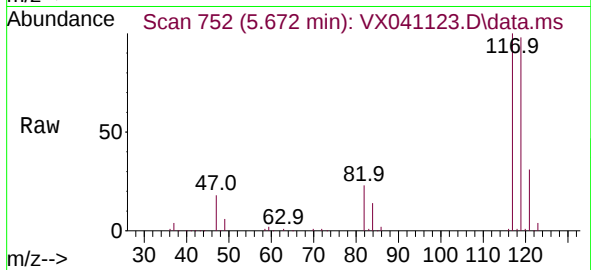




#31
Carbon tetrachloride
Concen: 52.959 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

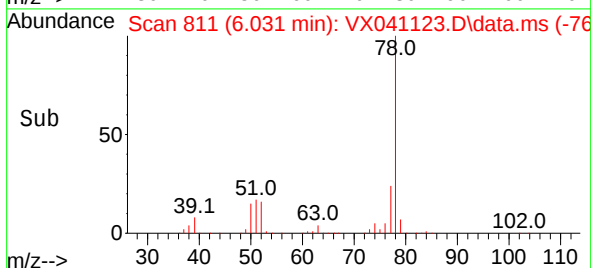
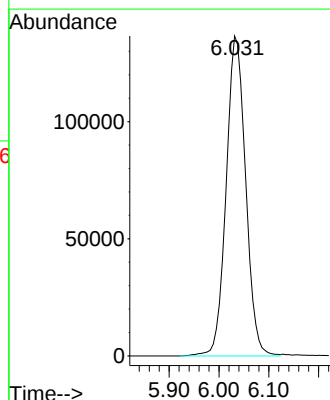
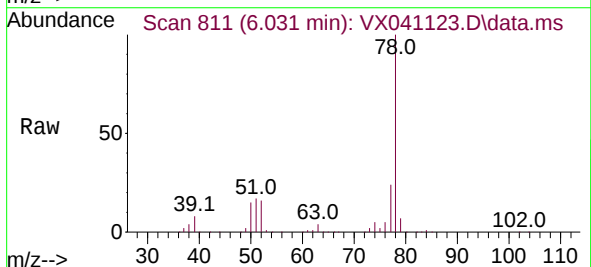
Instrument :
MSVOA_X
ClientSampleId :

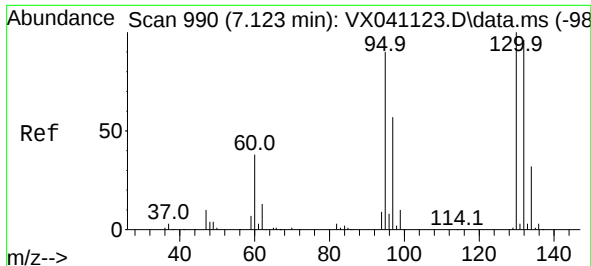
Tgt Ion:117 Resp: 133103
Ion Ratio Lower Upper
117 100
119 97.6 78.1 117.1



#33
Benzene
Concen: 52.739 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

Tgt Ion: 78 Resp: 370678





#34

Trichloroethene

Concen: 52.306 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

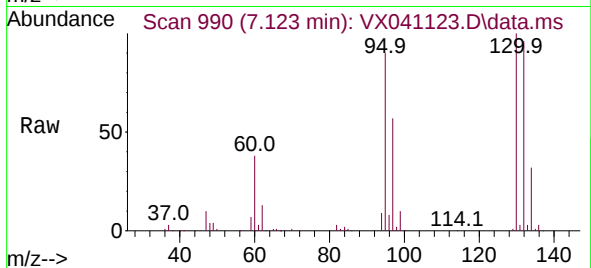
Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 99519

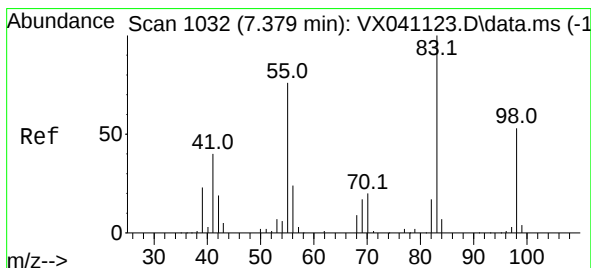
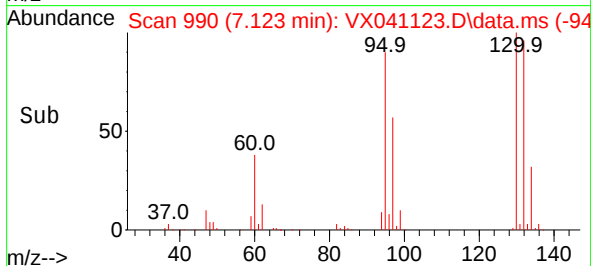
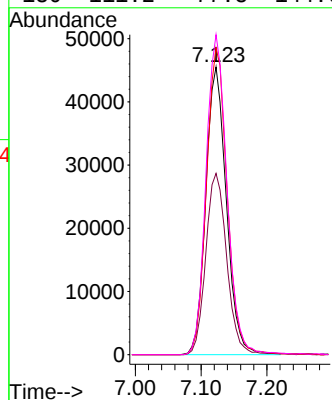
Ion Ratio Lower Upper

95 100

97 63.0 44.1 81.9

132 106.6 74.6 138.6

130 111.2 77.8 144.6



#35

Methylcyclohexane

Concen: 52.248 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

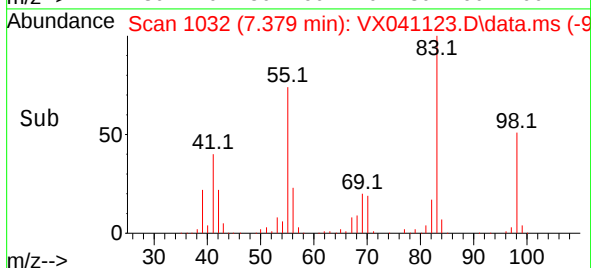
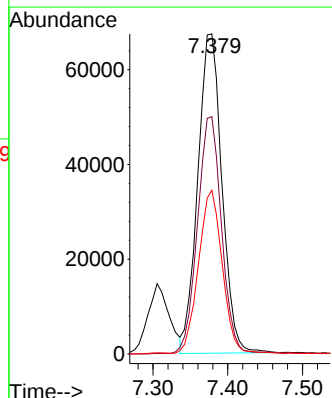
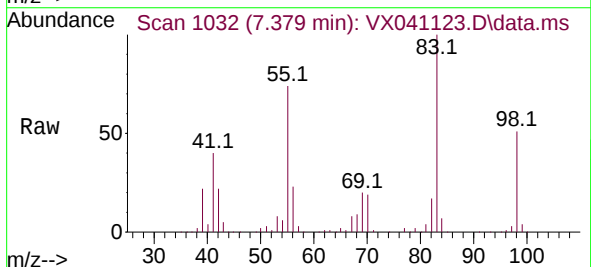
Tgt Ion: 83 Resp: 151087

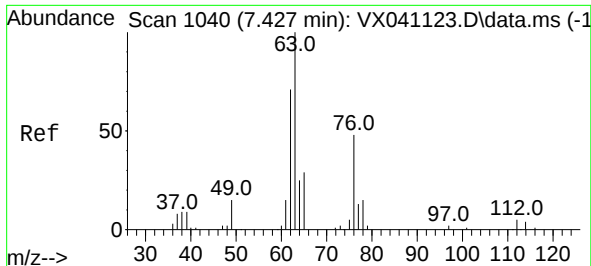
Ion Ratio Lower Upper

83 100

55 73.4 58.7 88.1

98 50.6 40.5 60.7

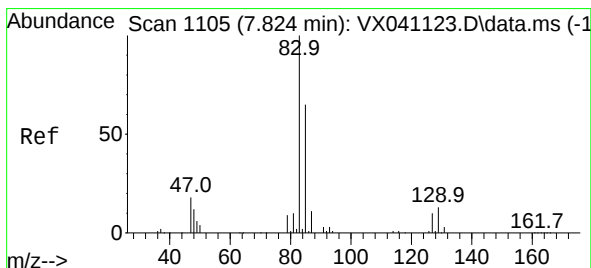
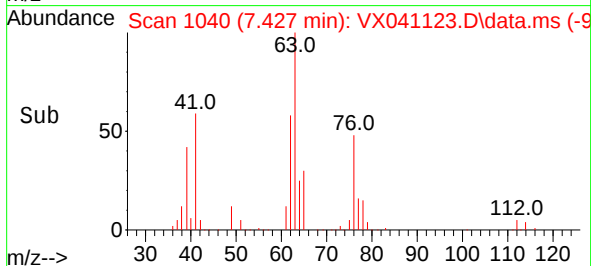
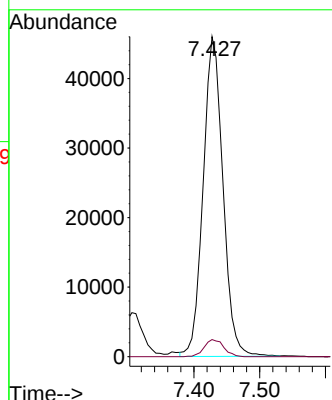
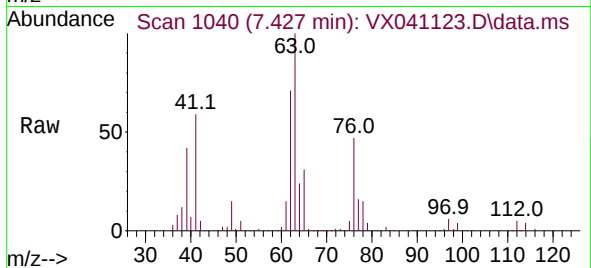




#37
1,2-Dichloropropane
Concen: 52.839 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

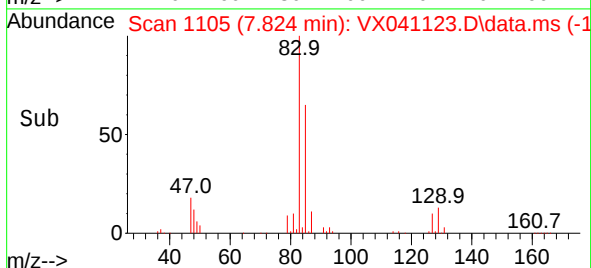
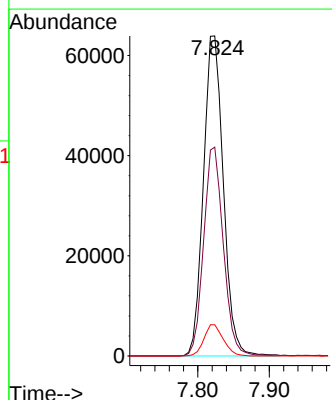
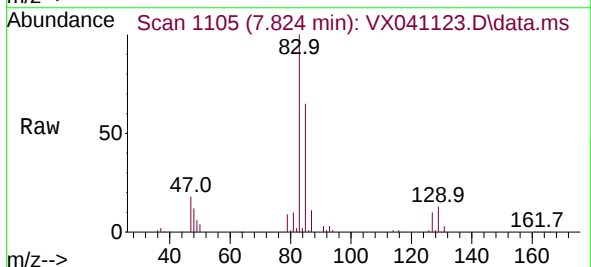
Instrument :
MSVOA_X
ClientSampleId :

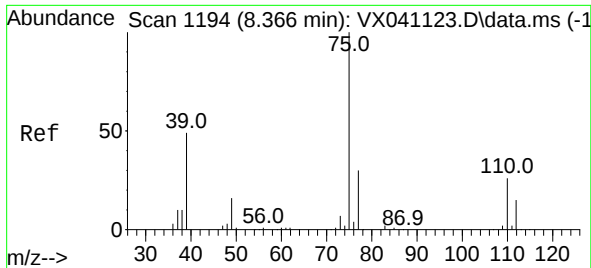
Tgt Ion: 63 Resp: 96305
Ion Ratio Lower Upper
63 100
112 5.3 4.2 6.4



#38
Bromodichloromethane
Concen: 53.180 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

Tgt Ion: 83 Resp: 123896
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.8
127 9.8 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 53.674 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

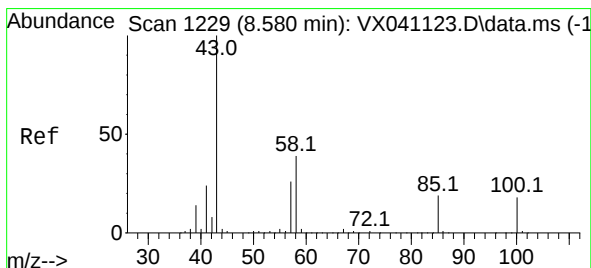
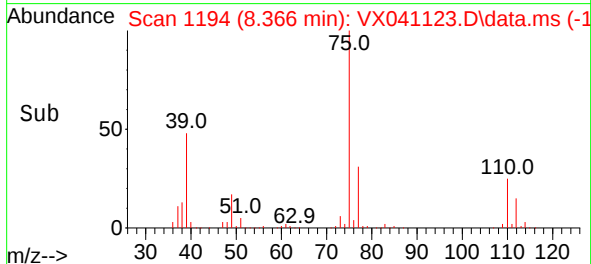
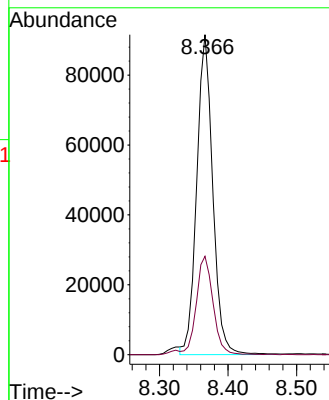
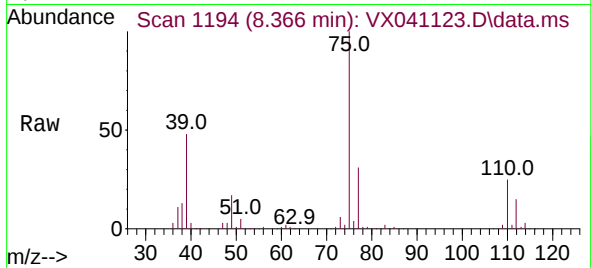
ClientSampleId :

Tgt Ion: 75 Resp: 149026

Ion Ratio Lower Upper

75 100

77 30.8 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 106.904 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

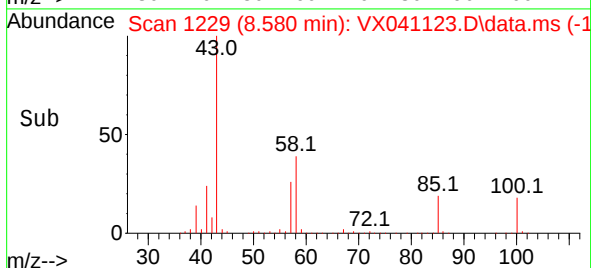
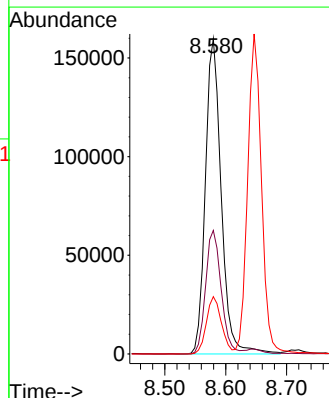
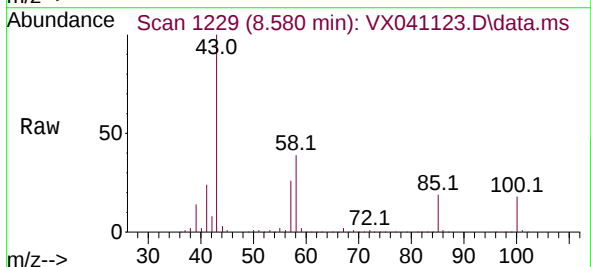
Tgt Ion: 43 Resp: 289556

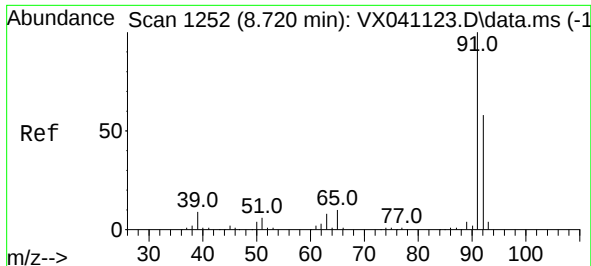
Ion Ratio Lower Upper

43 100

58 38.3 30.6 46.0

100 17.2 13.8 20.6





#42

Toluene

Concen: 53.331 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

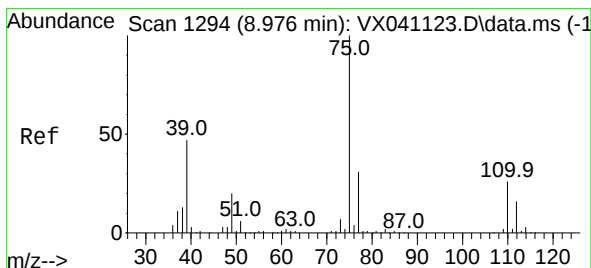
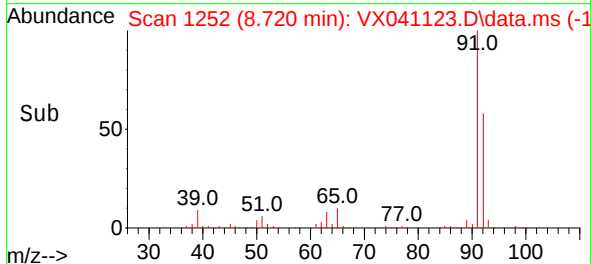
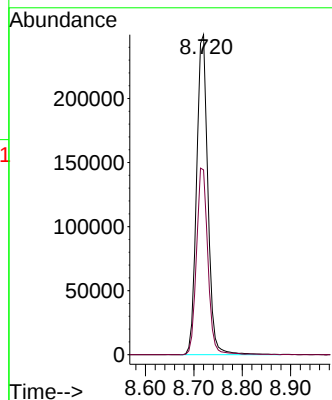
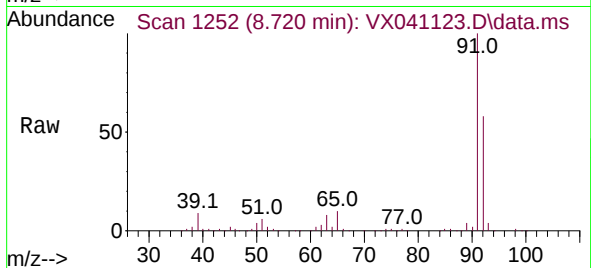
ClientSampleId :

Tgt Ion: 91 Resp: 404243

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 53.783 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041123.D

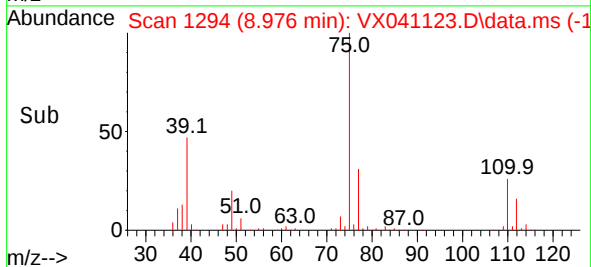
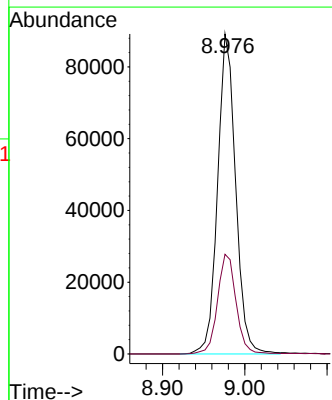
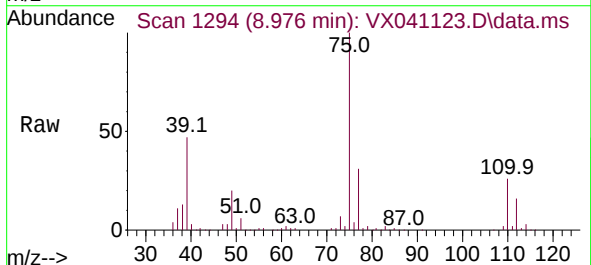
Acq: 17 Apr 2024 13:51

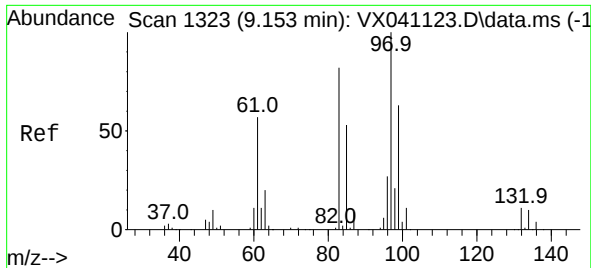
Tgt Ion: 75 Resp: 136014

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 52.797 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 103715

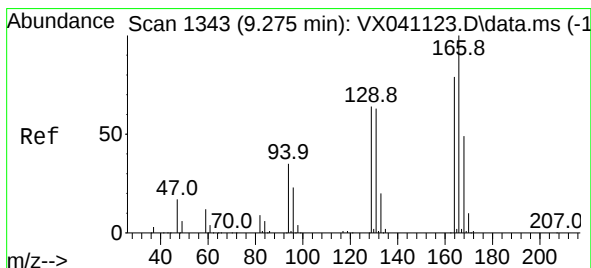
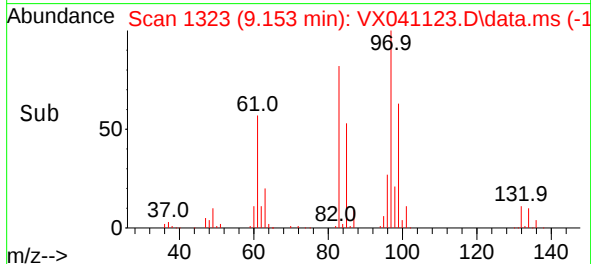
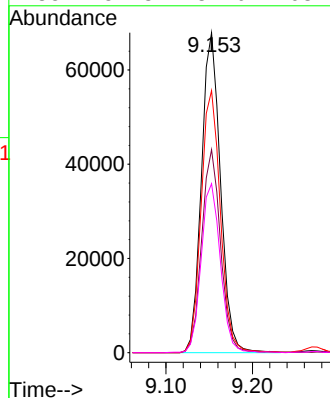
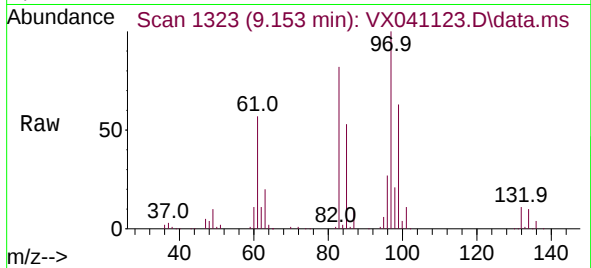
Ion Ratio Lower Upper

97 100

99 63.4 44.4 82.4

83 81.9 57.3 106.5

85 52.8 37.0 68.6



#46

Tetrachloroethene

Concen: 53.028 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Tgt Ion:164 Resp: 96600

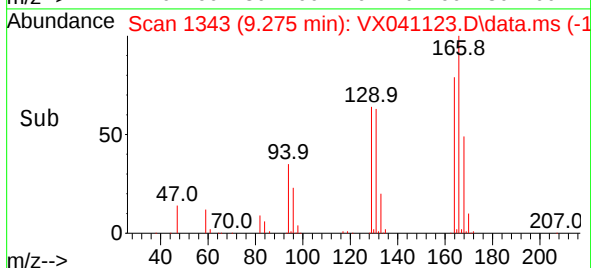
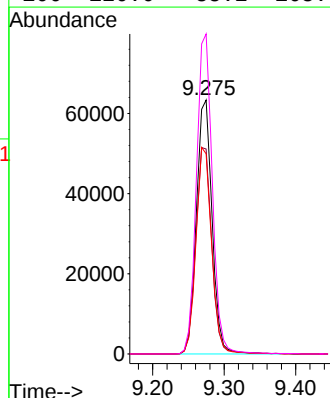
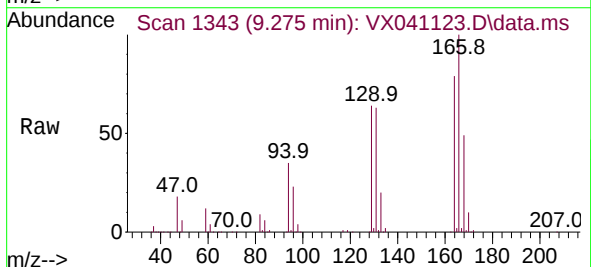
Ion Ratio Lower Upper

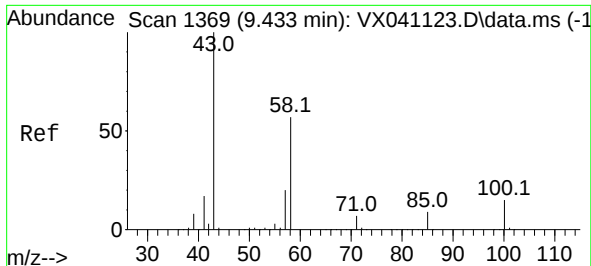
164 100

129 80.7 56.5 104.9

131 78.8 55.2 102.4

166 126.0 88.2 163.8





#48

2-Hexanone

Concen: 108.722 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 228700

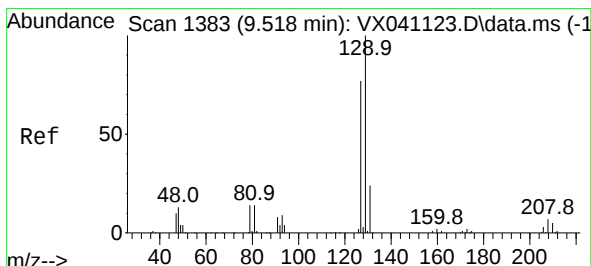
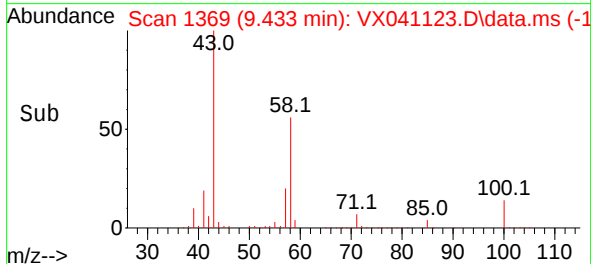
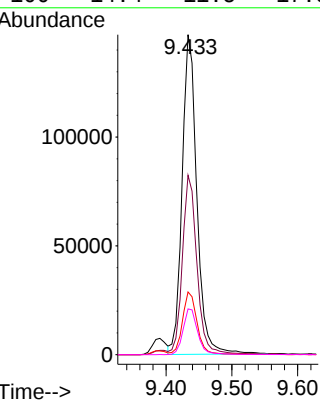
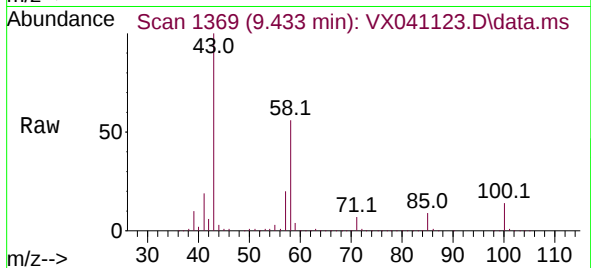
Ion Ratio Lower Upper

43 100

58 54.8 43.8 65.8

57 18.8 15.0 22.6

100 14.4 11.5 17.3



#49

Dibromochloromethane

Concen: 54.032 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX041123.D

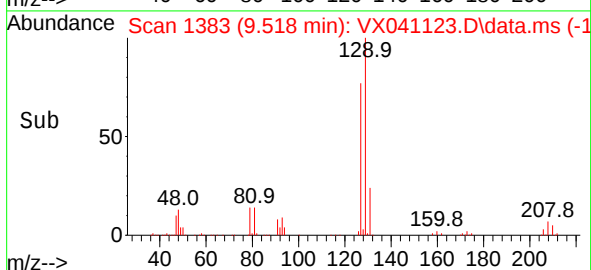
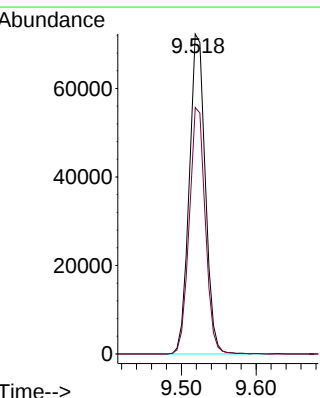
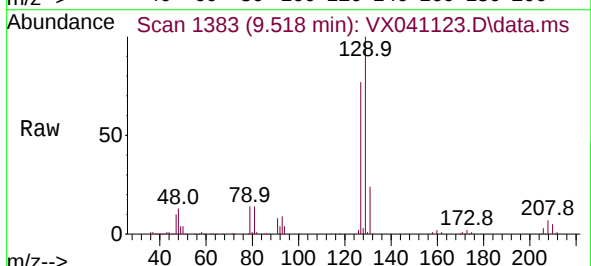
Acq: 17 Apr 2024 13:51

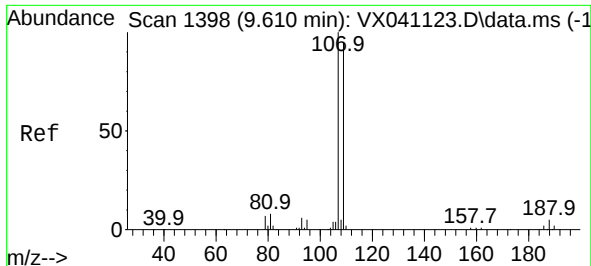
Tgt Ion: 129 Resp: 107817

Ion Ratio Lower Upper

129 100

127 77.0 53.9 100.1

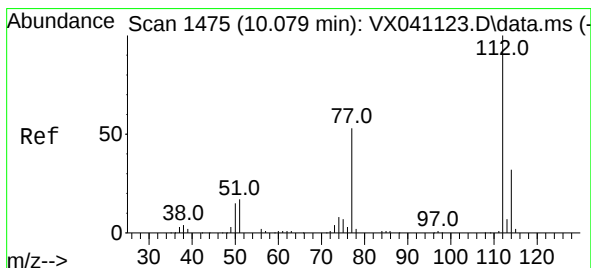
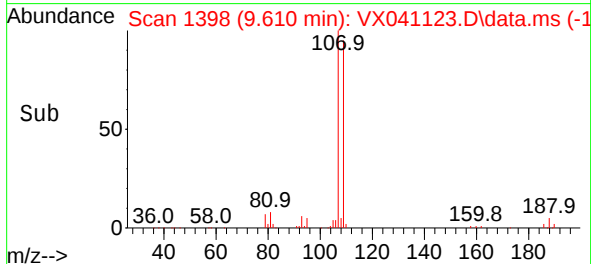
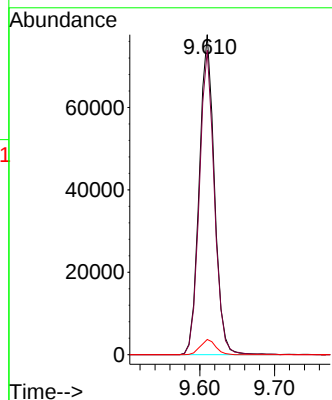
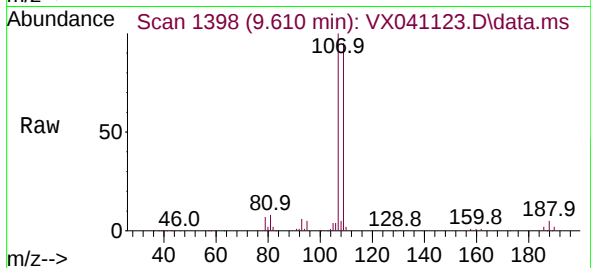




#50
1,2-Dibromoethane
Concen: 53.396 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

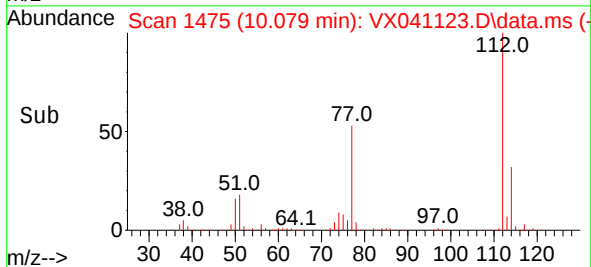
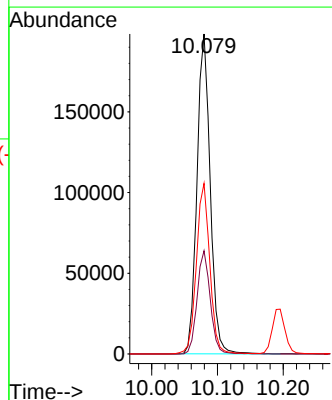
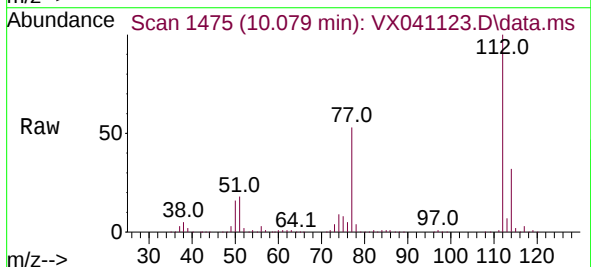
Instrument :
MSVOA_X
ClientSampleId :

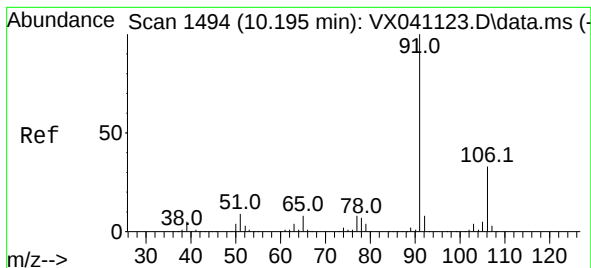
Tgt Ion:107 Resp: 109251
Ion Ratio Lower Upper
107 100
109 95.1 66.6 123.6
188 4.8 3.8 5.8



#51
Chlorobenzene
Concen: 52.374 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

Tgt Ion:112 Resp: 276702
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.9
77 53.3 42.6 64.0

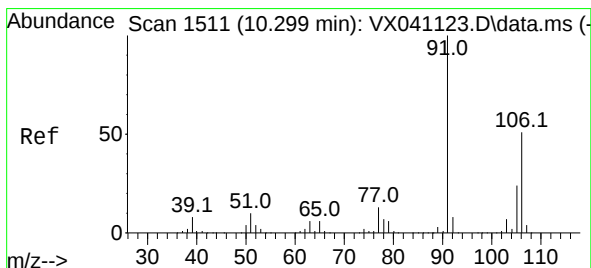
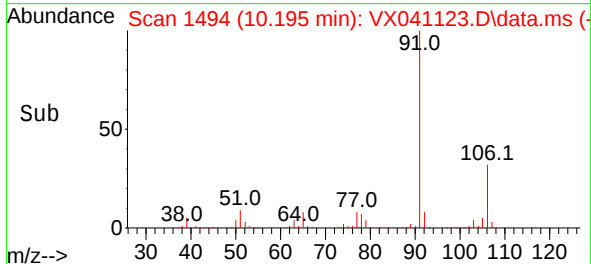
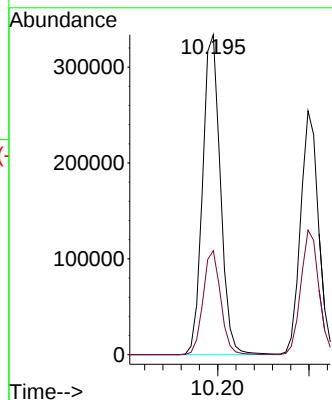
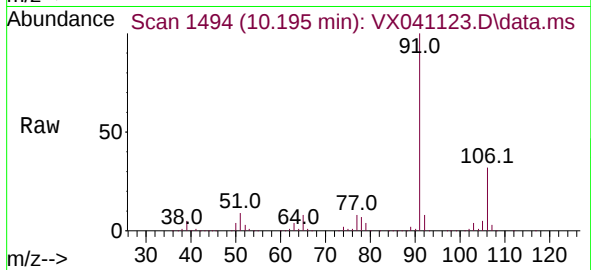




#52
Ethylbenzene
Concen: 53.365 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

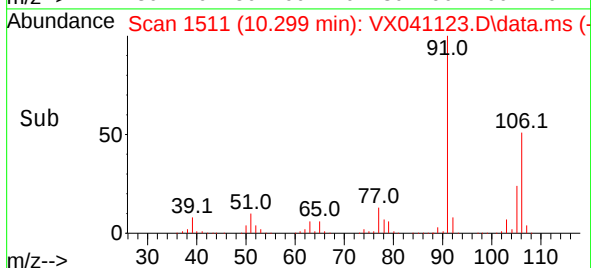
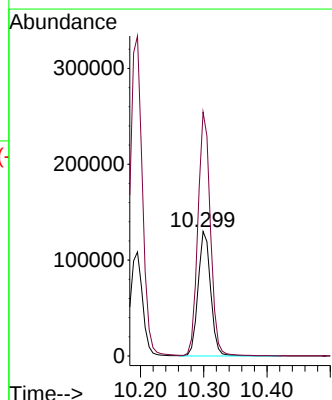
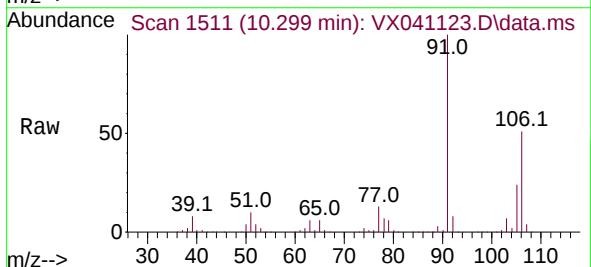
Instrument :
MSVOA_X
ClientSampleId :

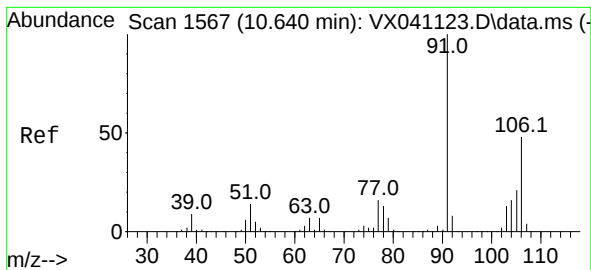
Tgt Ion: 91 Resp: 450688
Ion Ratio Lower Upper
91 100
106 32.5 22.7 42.3



#53
m,p-Xylene
Concen: 53.753 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

Tgt Ion: 106 Resp: 179713
Ion Ratio Lower Upper
106 100
91 196.0 137.2 254.8

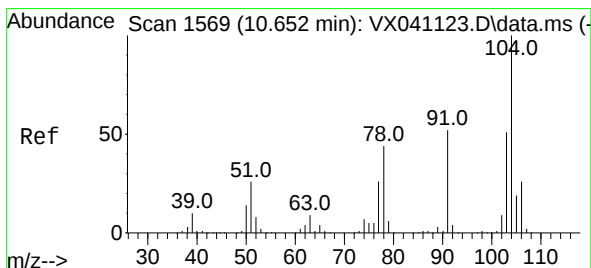
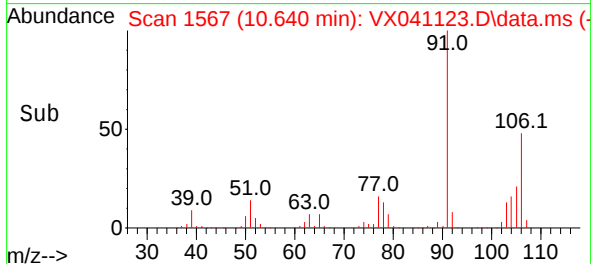
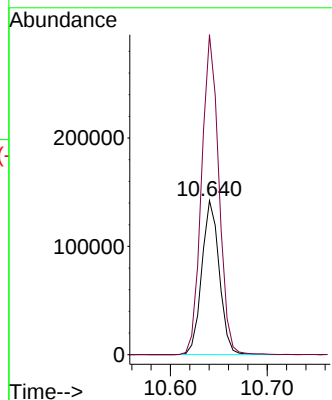
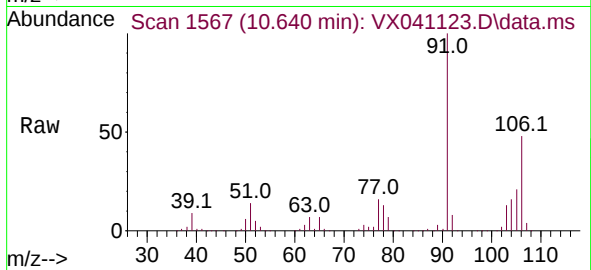




#54
o-Xylene
Concen: 53.477 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

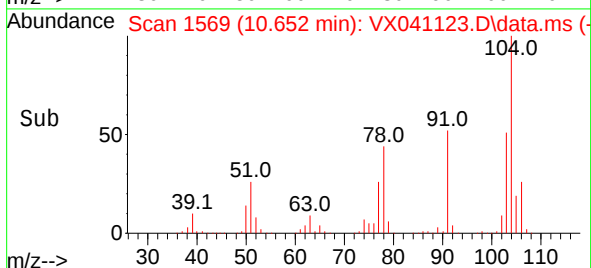
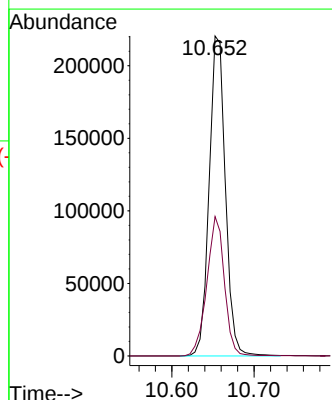
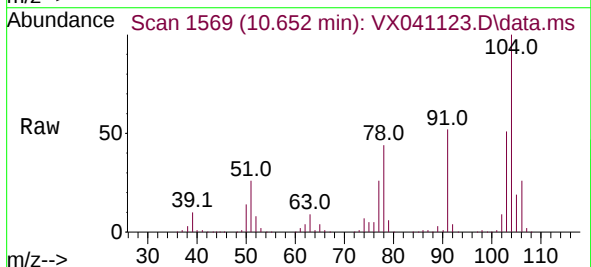
Instrument :
MSVOA_X
ClientSampleId :

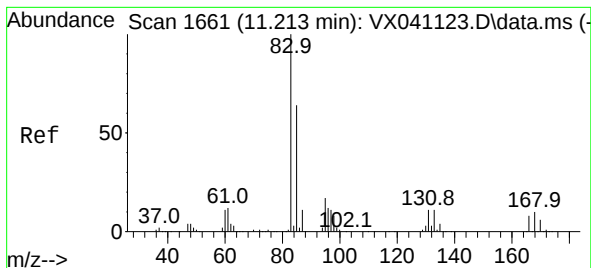
Tgt Ion:106 Resp: 179059
Ion Ratio Lower Upper
106 100
91 207.7 145.4 270.0



#55
Styrene
Concen: 54.324 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

Tgt Ion:104 Resp: 302685
Ion Ratio Lower Upper
104 100
78 43.5 30.4 56.5

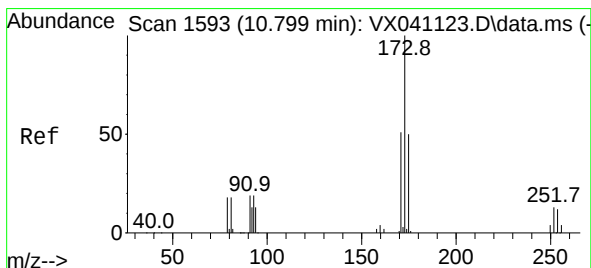
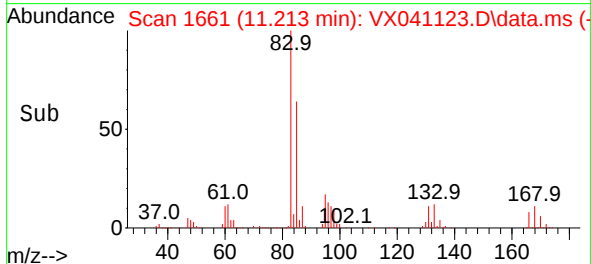
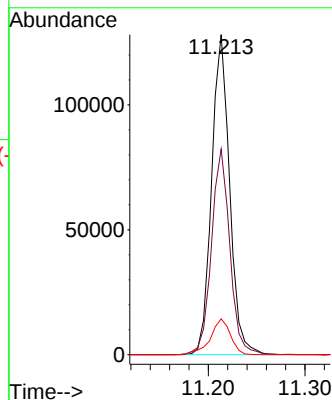
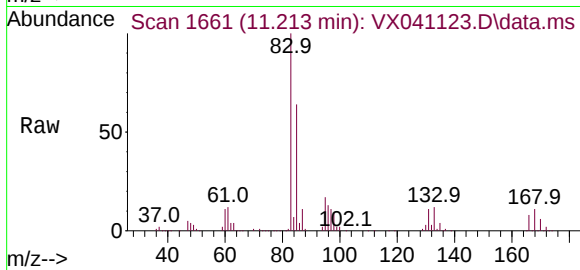




#57
1,1,2,2-Tetrachloroethane
Concen: 52.835 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

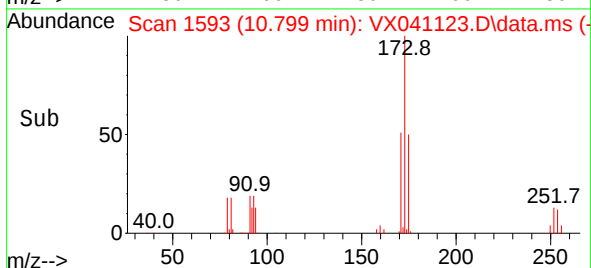
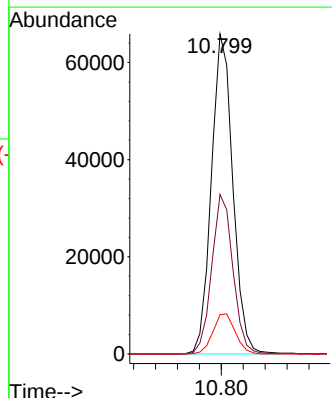
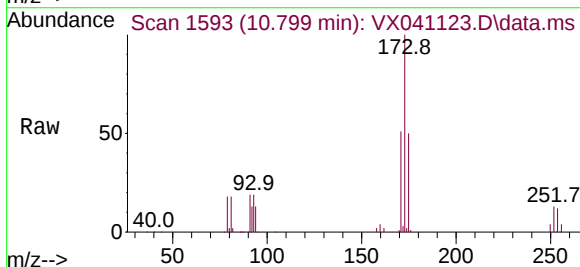
Instrument :
MSVOA_X
ClientSampleId :

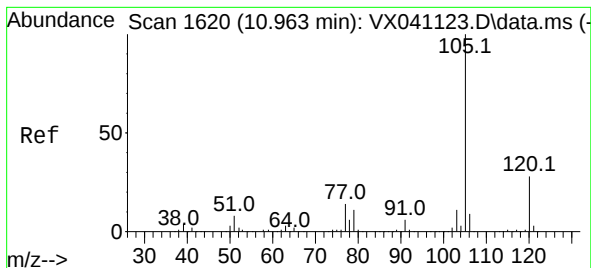
Tgt Ion: 83 Resp: 165713
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6
131 11.2 9.0 13.4



#59
Bromoform
Concen: 52.595 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

Tgt Ion:173 Resp: 89393
Ion Ratio Lower Upper
173 100
175 49.3 39.4 59.2
254 13.1 10.5 15.7





#60

Isopropylbenzene

Concen: 53.609 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

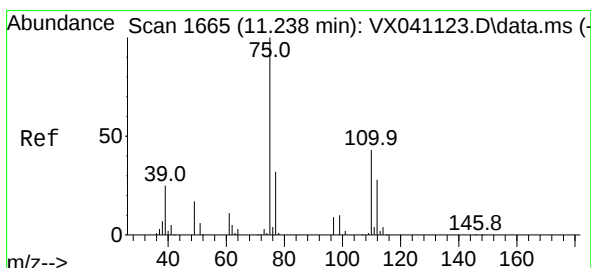
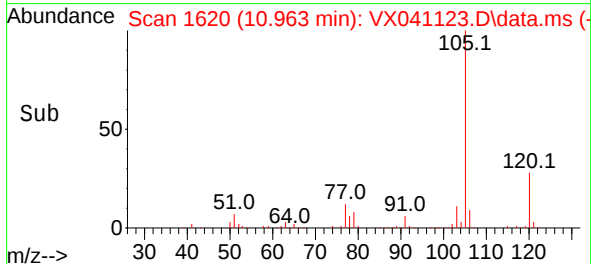
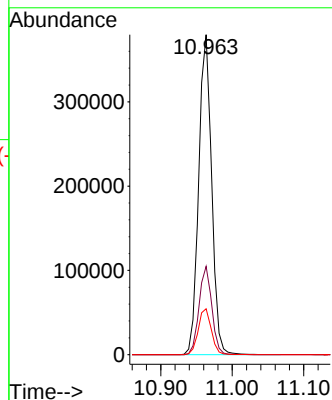
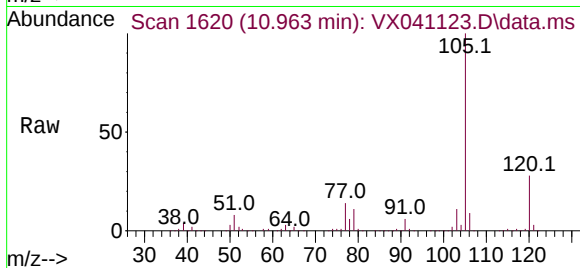
Tgt Ion:105 Resp: 475847

Ion Ratio Lower Upper

105 100

120 27.3 21.8 32.8

77 14.6 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 51.590 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

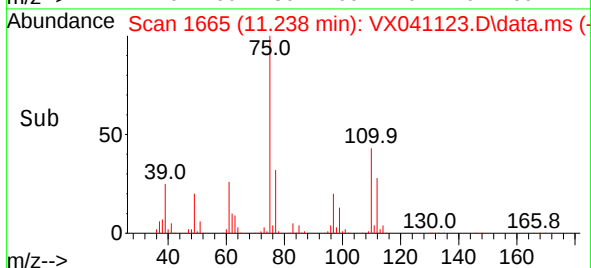
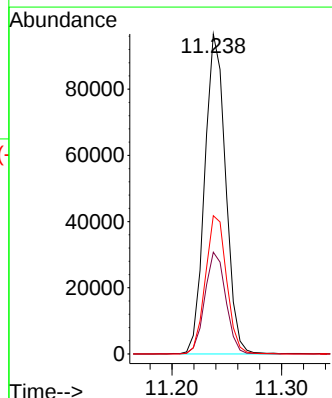
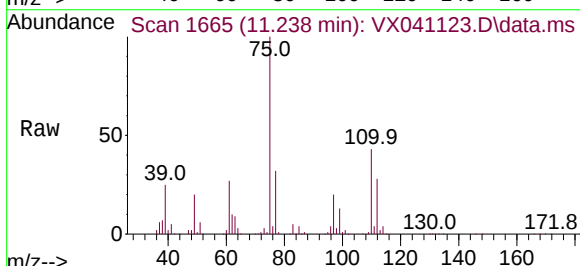
Tgt Ion: 75 Resp: 127996

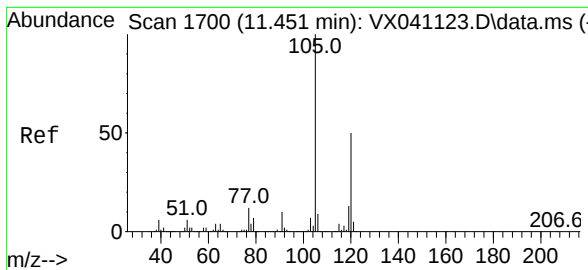
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

110 43.8 35.0 52.6

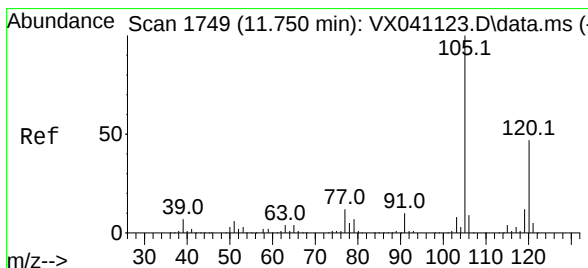
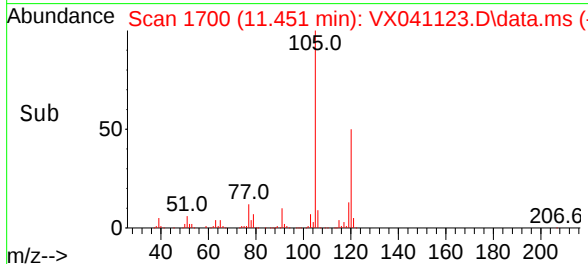
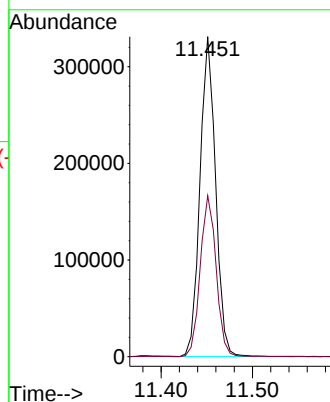
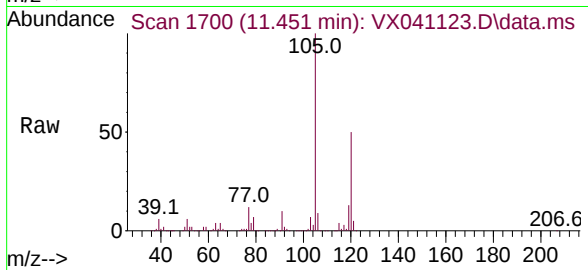




#62
 1,3,5-Trimethylbenzene
 Concen: 54.026 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX041123.D
 Acq: 17 Apr 2024 13:51

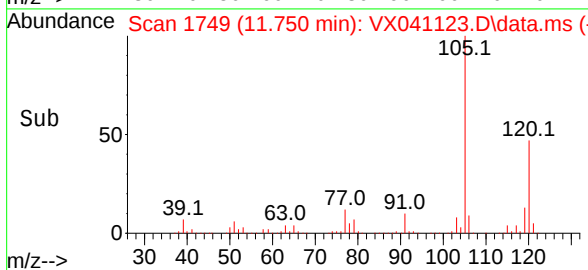
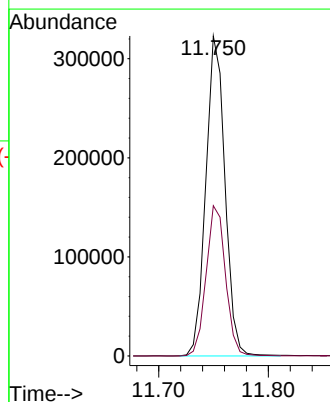
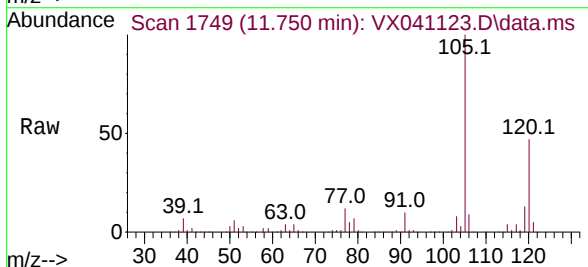
Instrument :
 MSVOA_X
 ClientSampleId :

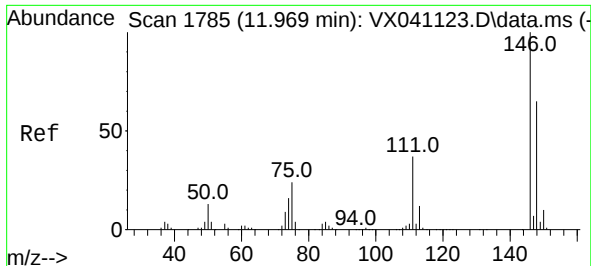
Tgt Ion:105 Resp: 391563
 Ion Ratio Lower Upper
 105 100
 120 51.5 41.2 61.8



#63
 1,2,4-Trimethylbenzene
 Concen: 54.274 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX041123.D
 Acq: 17 Apr 2024 13:51

Tgt Ion:105 Resp: 391250
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.2 57.2

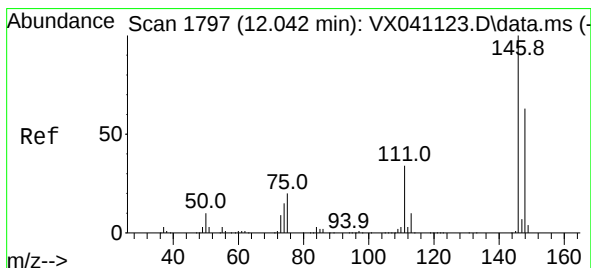
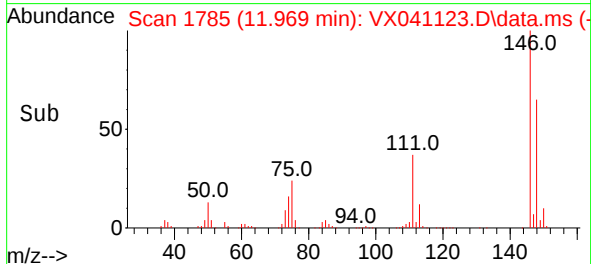
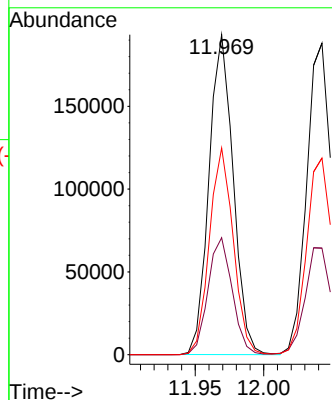
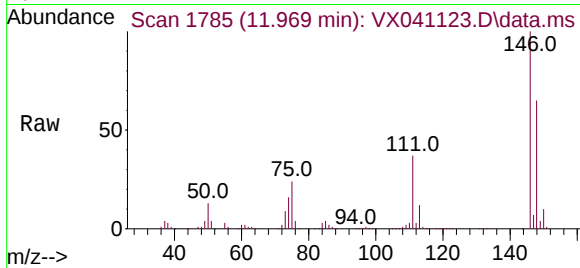




#64
1,3-Dichlorobenzene
Concen: 52.472 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

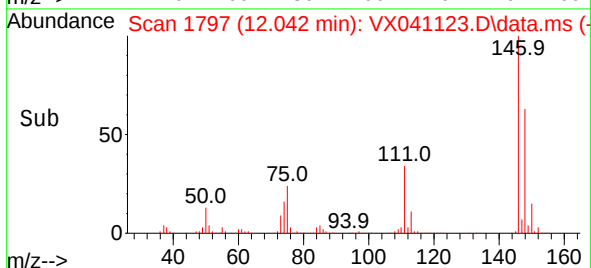
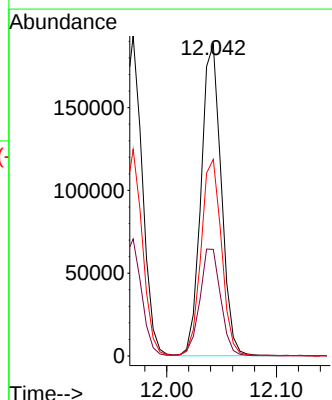
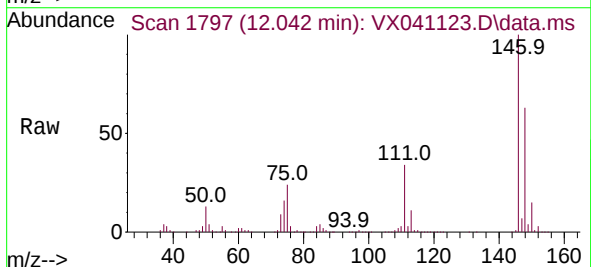
Instrument :
MSVOA_X
ClientSampleId :

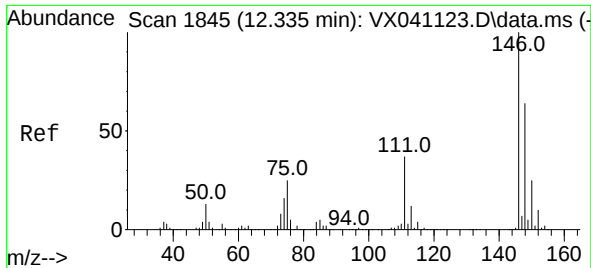
Tgt Ion:146 Resp: 237648
Ion Ratio Lower Upper
146 100
111 36.5 25.6 47.4
148 64.6 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 52.100 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041123.D
Acq: 17 Apr 2024 13:51

Tgt Ion:146 Resp: 240705
Ion Ratio Lower Upper
146 100
111 34.2 23.9 44.5
148 63.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 52.474 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

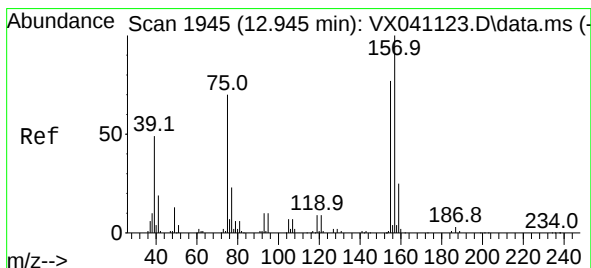
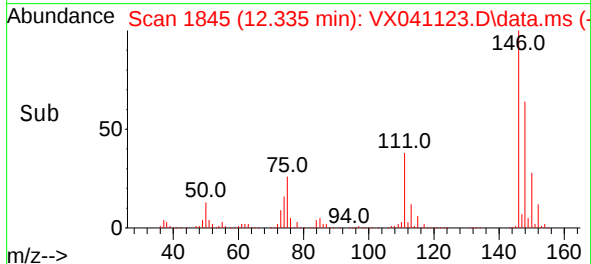
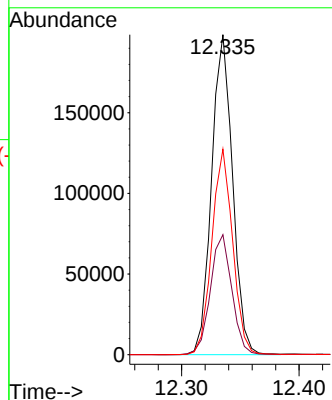
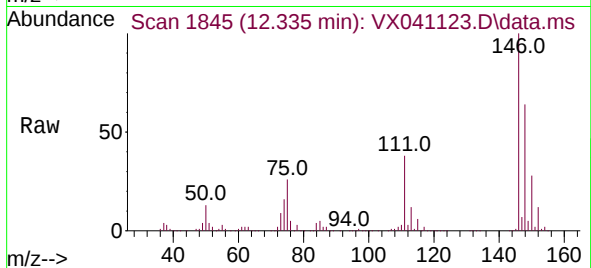
Tgt Ion:146 Resp: 246461

Ion Ratio Lower Upper

146 100

111 37.5 30.0 45.0

148 64.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 52.969 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

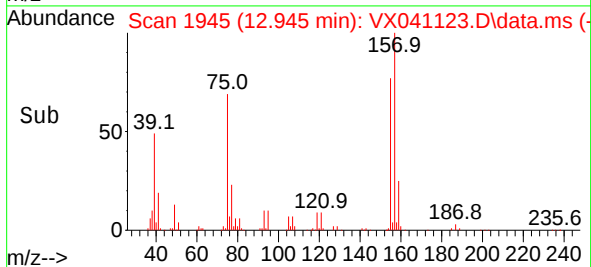
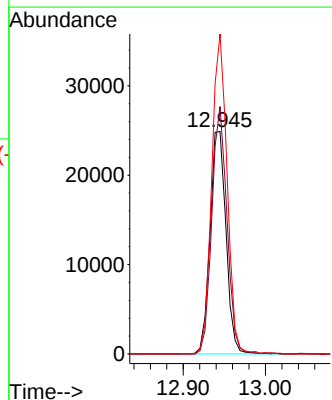
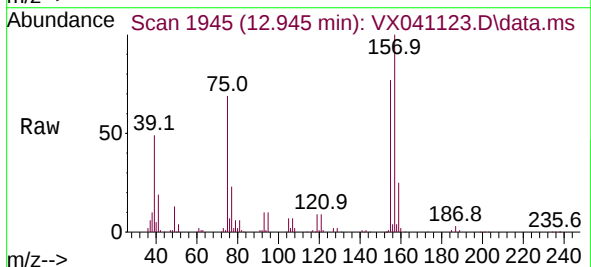
Tgt Ion: 75 Resp: 33538

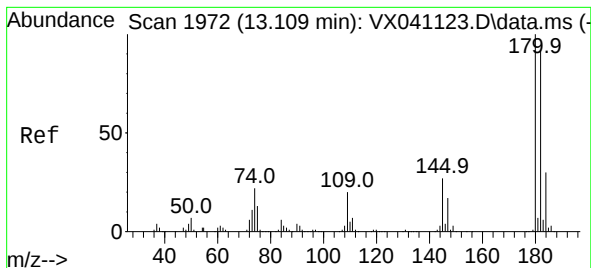
Ion Ratio Lower Upper

75 100

155 111.3 89.0 133.6

157 143.9 115.1 172.7





#69

1,3,5-Trichlorobenzene

Concen: 53.124 ug/L

RT: 13.109 min Scan# 1772

Delta R.T. 0.000 min

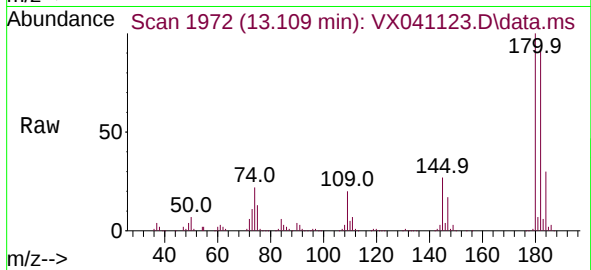
Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 187362

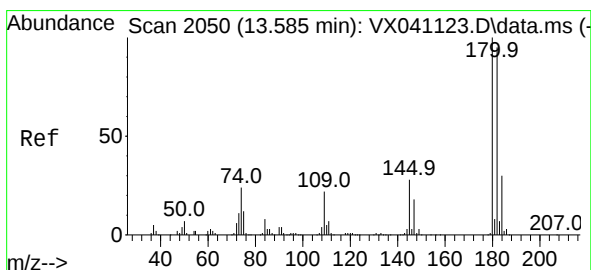
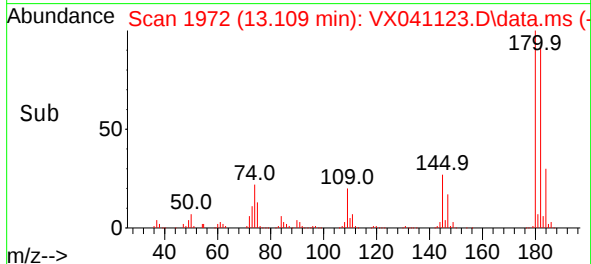
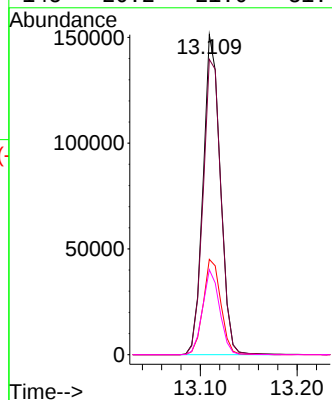
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

184 30.4 24.3 36.5

145 26.2 21.0 31.4



#70

1,2,4-trichlorobenzene

Concen: 52.905 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

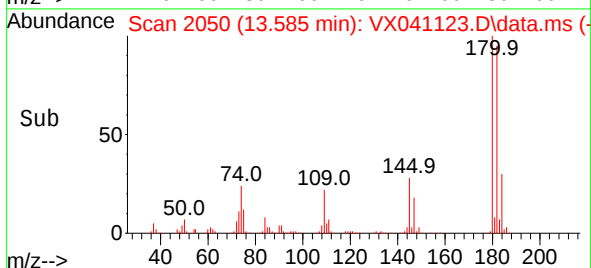
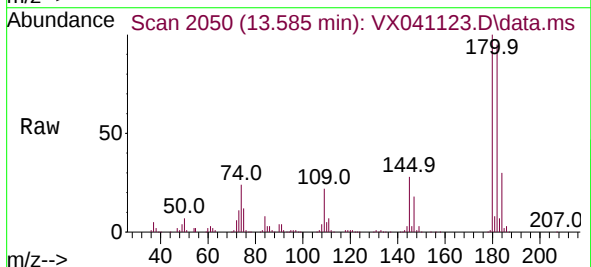
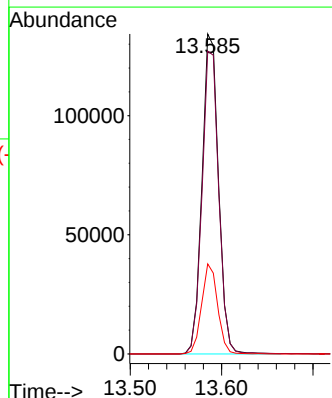
Tgt Ion:180 Resp: 168263

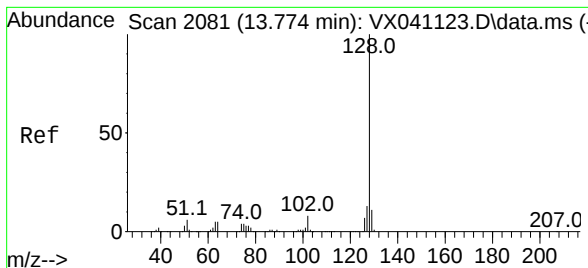
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 27.2 21.8 32.6





#71

Naphthalene

Concen: 55.019 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

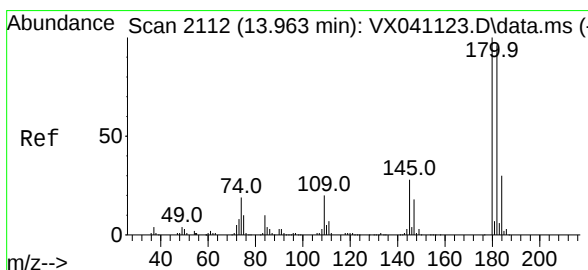
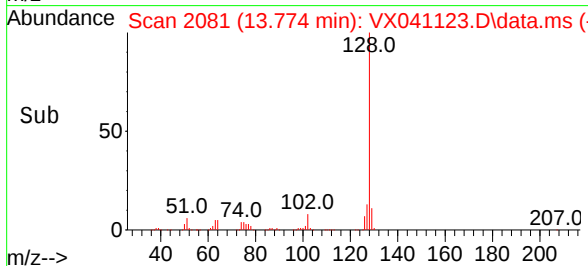
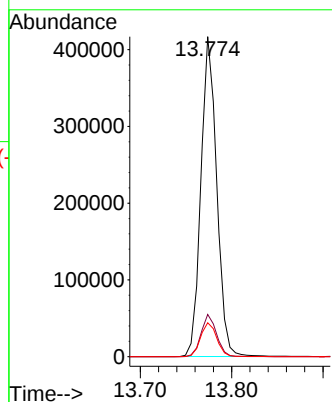
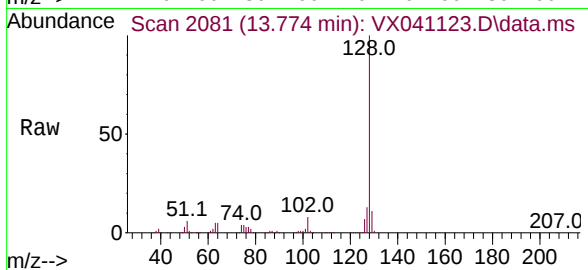
Tgt Ion:128 Resp: 502249

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.525 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041123.D

Acq: 17 Apr 2024 13:51

Tgt Ion:180 Resp: 177720

Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

145 28.9 23.1 34.7

