

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041024\
 Data File : VX040961.D
 Acq On : 10 Apr 2024 17:38
 Operator : JC/MD
 Sample : VSTD20072
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 05:28:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:26:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	304163	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	285580	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	163783	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	442955	204.748	ug/L	0.00
7) Chloroethane-d5	1.654	69	335635	189.988	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.300	65	193002	208.956	ug/L	0.00
21) 2-Butanone-d5	4.458	46	380083	322.525	ug/L	0.00
24) Chloroform-d	5.056	84	854898	211.784	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	529053	201.487	ug/L	0.00
32) Benzene-d6	5.970	84	1658224	213.881	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	489799	216.614	ug/L	0.00
41) Toluene-d8	8.647	98	1594224	210.477	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	268085	235.597	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	431304	451.006	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	703280	209.966	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	704842	214.533	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	413508	206.458	ug/L	100
3) Chloromethane	1.301	50	389879	205.062	ug/L	99
5) Vinyl chloride	1.374	62	468829	205.204	ug/L	98
6) Bromomethane	1.599	94	252816	183.023	ug/L	98
8) Chloroethane	1.672	64	271016	190.640	ug/L	99
9) Trichlorofluoromethane	1.880	101	726314	201.775	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	429431	208.749	ug/L	99
12) 1,1-Dichloroethene	2.313	96	391444	214.243	ug/L	93
13) Acetone	2.380	43	458627	359.060	ug/L	99
14) Carbon disulfide	2.508	76	1002168	218.264	ug/L	100
15) Methyl Acetate	2.703	43	468045	211.078	ug/L	99
16) Methylene chloride	2.788	84	410444	215.529	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	403431	213.312	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	1312271	221.057	ug/L	99
19) 1,1-Dichloroethane	3.605	63	718914	214.014	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	470247	218.240	ug/L	99
22) 2-Butanone	4.550	43	707093	422.913	ug/L	99
23) Bromochloromethane	4.897	128	242766	207.243	ug/L	97
25) Chloroform	5.093	83	781660	212.326	ug/L	98
27) 1,2-Dichloroethane	6.086	62	618072	208.881	ug/L	99
29) Cyclohexane	5.471	56	625373	218.589	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	700539	218.895	ug/L	99
31) Carbon tetrachloride	5.678	117	642885	220.436	ug/L	99
33) Benzene	6.037	78	1586310	214.095	ug/L	100
34) Trichloroethene	7.123	95	455182	214.154	ug/L	98
35) Methylcyclohexane	7.379	83	649594	215.498	ug/L	99
37) 1,2-Dichloropropane	7.427	63	419383	218.671	ug/L	100
38) Bromodichloromethane	7.818	83	602181	223.971	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	727668	232.228	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	1278180	440.063	ug/L	98
42) Toluene	8.720	91	1765118	215.116	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	696911	237.992	ug/L	100

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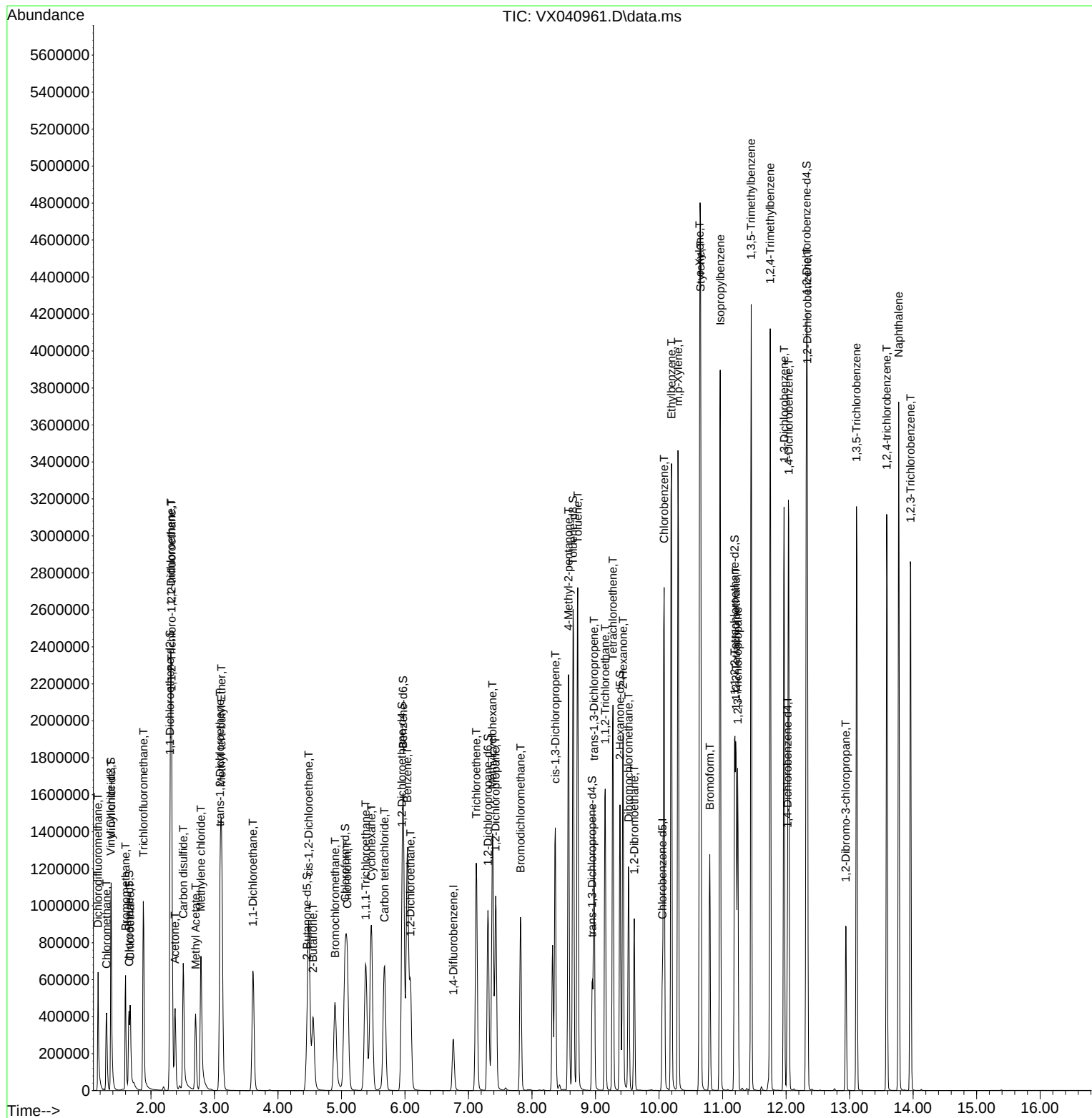
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	450370	216.189	ug/L	100
46) Tetrachloroethene	9.275	164	436462	218.031	ug/L	99
48) 2-Hexanone	9.433	43	996665	424.740	ug/L	98
49) Dibromochloromethane	9.519	129	538164	229.048	ug/L	100
50) 1,2-Dibromoethane	9.610	107	495950	220.684	ug/L	98
51) Chlorobenzene	10.079	112	1221503	212.421	ug/L	100
52) Ethylbenzene	10.195	91	2006566	215.527	ug/L	99
53) m,p-Xylene	10.299	106	817829	220.313	ug/L	93
54) o-Xylene	10.640	106	798892	223.164	ug/L	97
55) Styrene	10.653	104	1370261	222.639	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	688569	213.340	ug/L	99
59) Bromoform	10.799	173	475038	236.331	ug/L	99
60) Isopropylbenzene	10.963	105	2064618	215.624	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	529607	211.765	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	1711393	221.708	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	1716166	220.873	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	1073955	213.755	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	1083166	210.009	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	1041073	213.605	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	162893	227.752	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	837128	217.567	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	812231	222.759	ug/L	100
71) Naphthalene	13.774	128	2262920	226.472	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	788650	220.538	ug/L	100

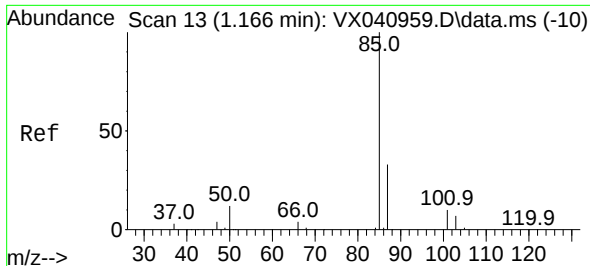
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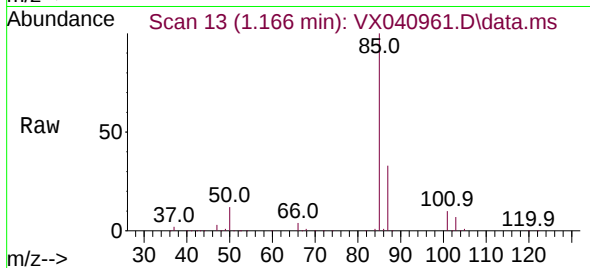
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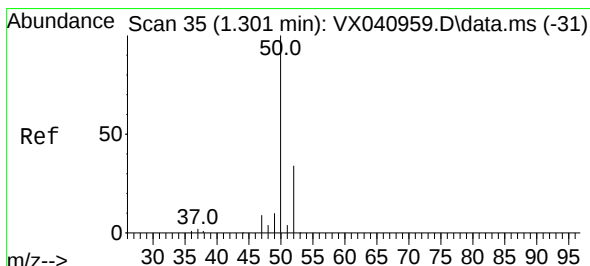
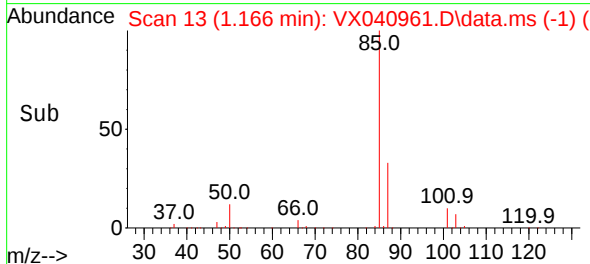
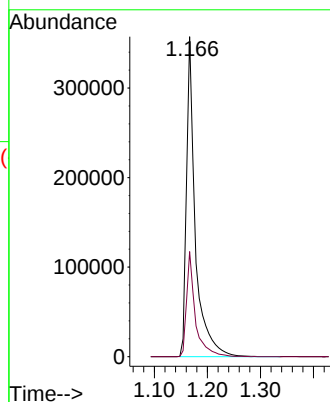


#2
 Dichlorodifluoromethane
 Concen: 206.458 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040961.D
 Acq: 10 Apr 2024 17:38

Instrument :
 MSVOA_X
 ClientSampleId :

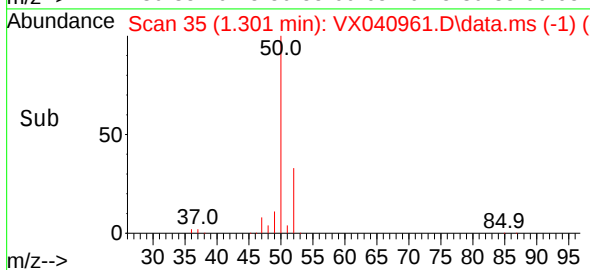
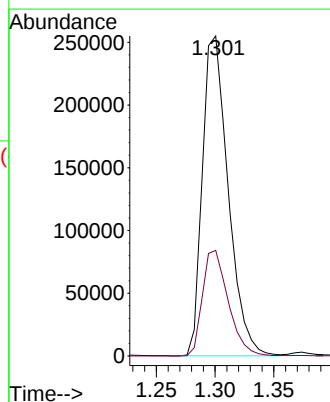
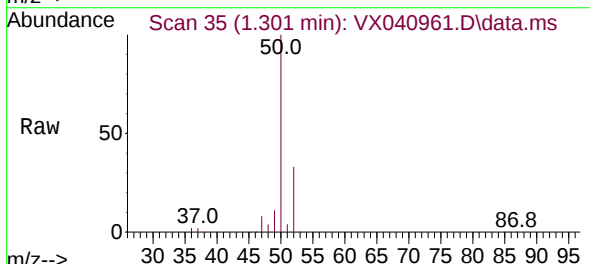


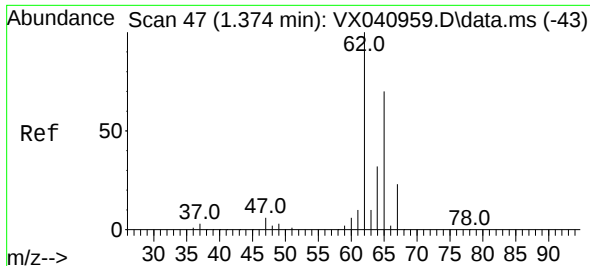
Tgt Ion: 85 Resp: 413508
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.2 39.2



#3
 Chloromethane
 Concen: 205.062 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: VX040961.D
 Acq: 10 Apr 2024 17:38

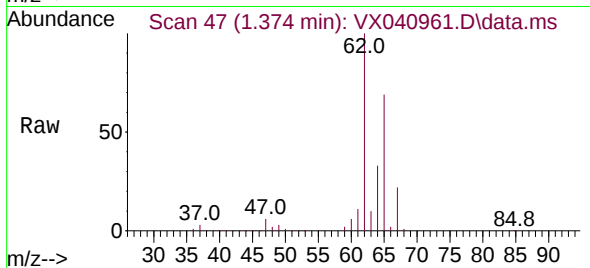
Tgt Ion: 50 Resp: 389879
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.5 43.7



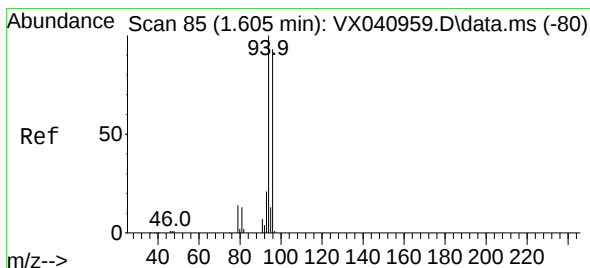
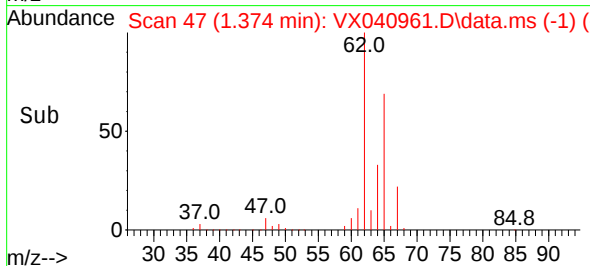
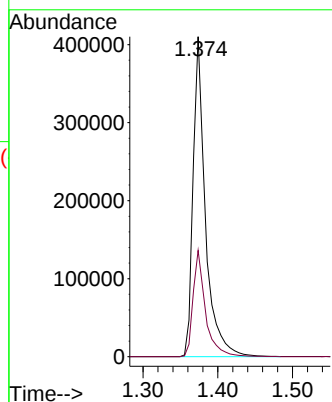


#5
Vinyl chloride
Concen: 205.204 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

Instrument :
MSVOA_X
ClientSampleId :

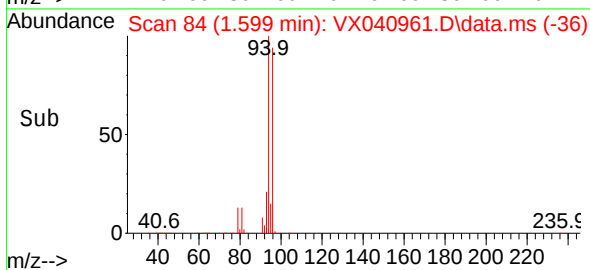
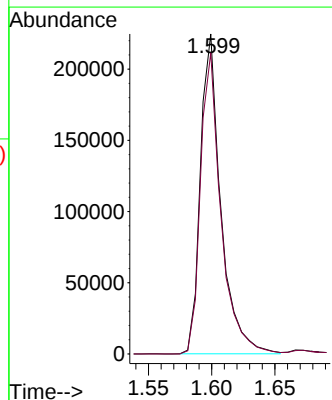
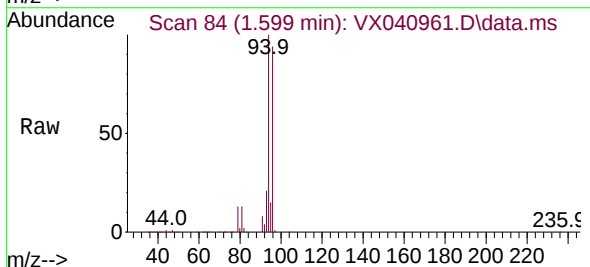


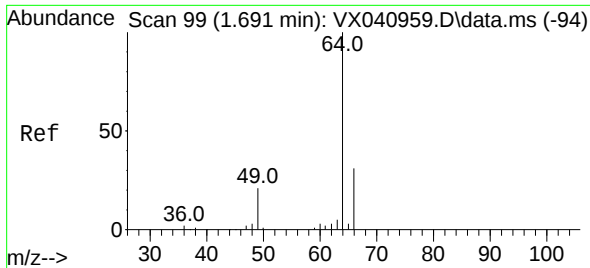
Tgt Ion: 62 Resp: 468829
Ion Ratio Lower Upper
62 100
64 33.2 22.5 41.9



#6
Bromomethane
Concen: 183.023 ug/L
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

Tgt Ion: 94 Resp: 252816
Ion Ratio Lower Upper
94 100
96 94.1 64.8 120.3

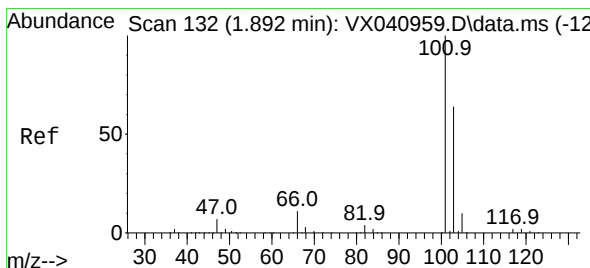
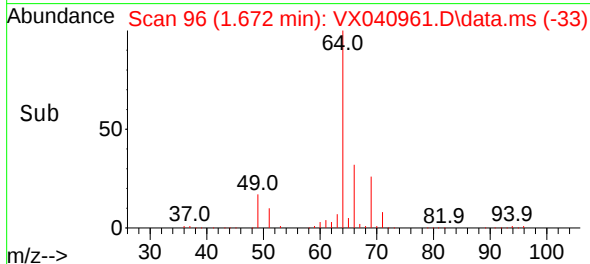
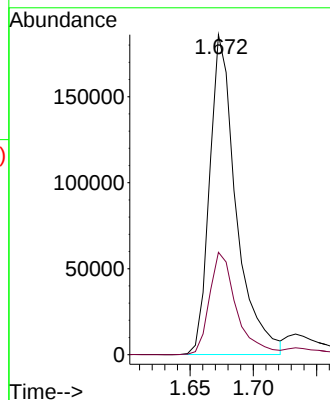
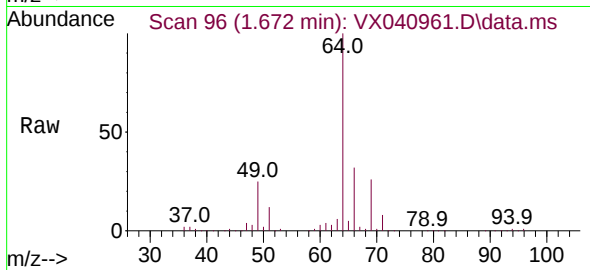




#8
Chloroethane
Concen: 190.640 ug/L
RT: 1.672 min Scan# 99
Delta R.T. -0.018 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

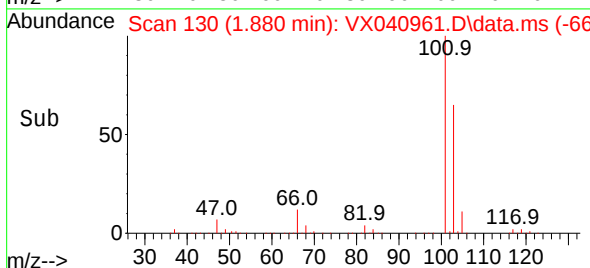
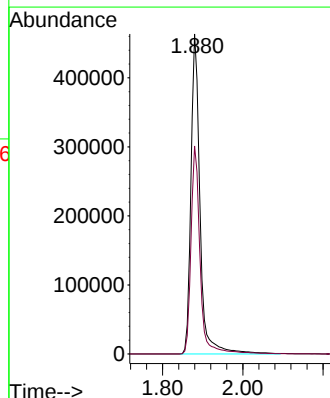
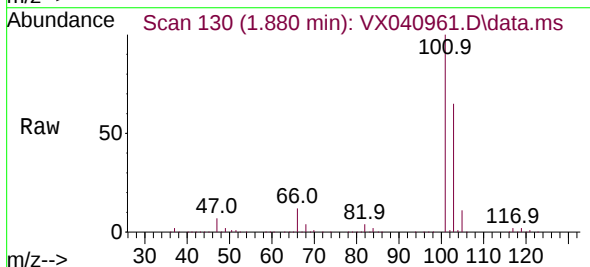
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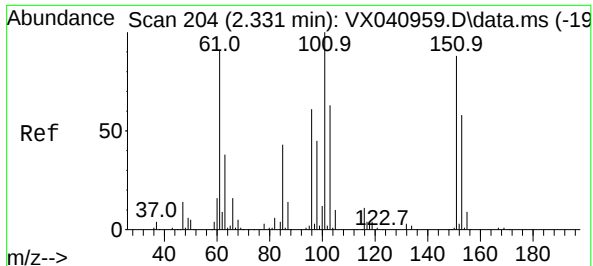
Tgt Ion: 64 Resp: 271016
Ion Ratio Lower Upper
64 100
66 32.0 21.8 40.6



#9
Trichlorofluoromethane
Concen: 201.775 ug/L
RT: 1.880 min Scan# 130
Delta R.T. -0.012 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

Tgt Ion:101 Resp: 726314
Ion Ratio Lower Upper
101 100
103 65.4 52.5 78.7

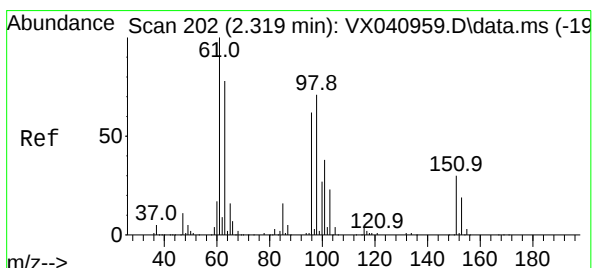
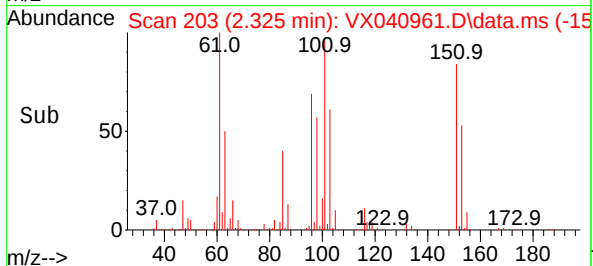
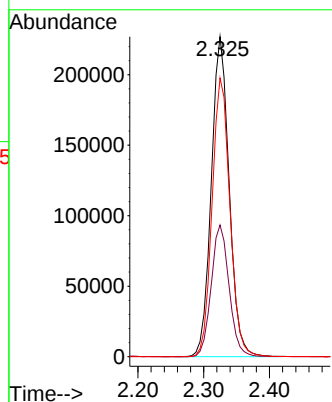
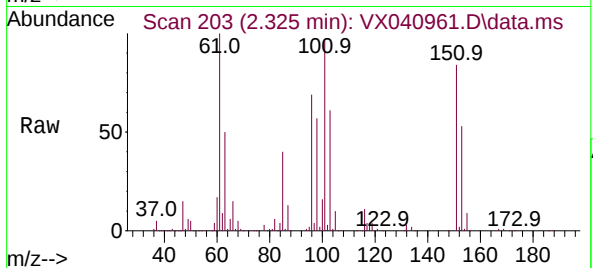




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 208.749 ug/L
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

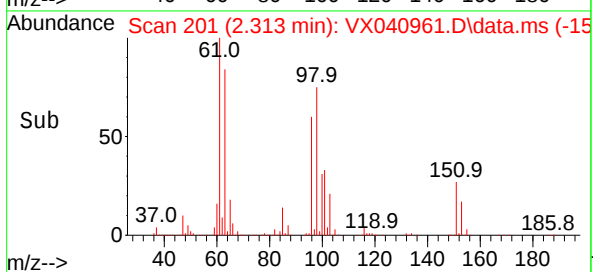
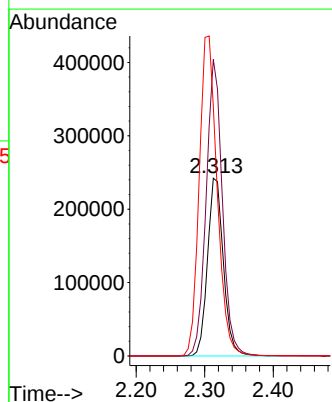
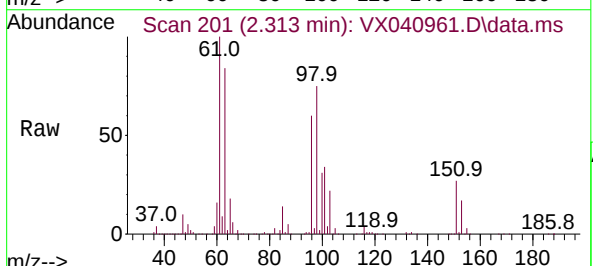
Instrument :
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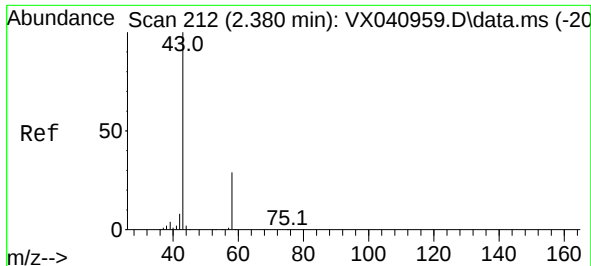
Tgt Ion:101 Resp: 429431
Ion Ratio Lower Upper
101 100
85 41.1 33.7 50.5
151 87.0 69.9 104.9



#12
1,1-Dichloroethene
Concen: 214.243 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

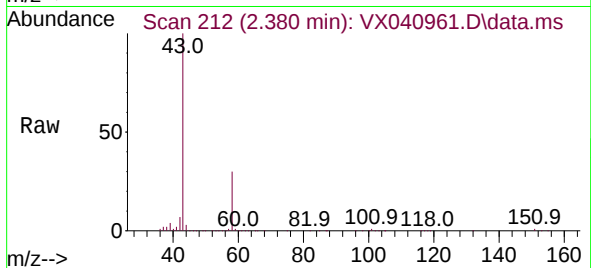
Tgt Ion: 96 Resp: 391444
Ion Ratio Lower Upper
96 100
61 166.8 113.6 211.0
63 140.5 89.3 165.9



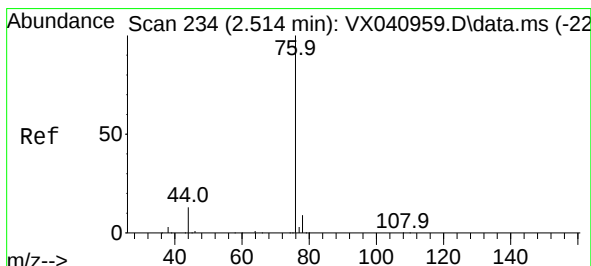
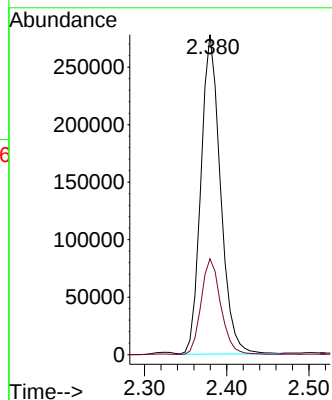
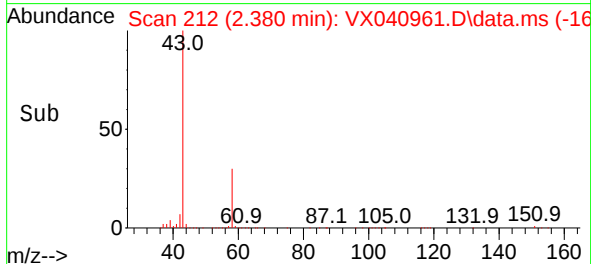


#13
Acetone
Concen: 359.060 ug/L
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040961.D
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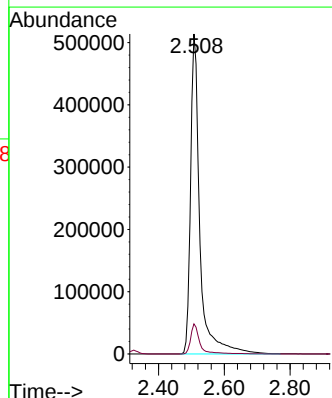
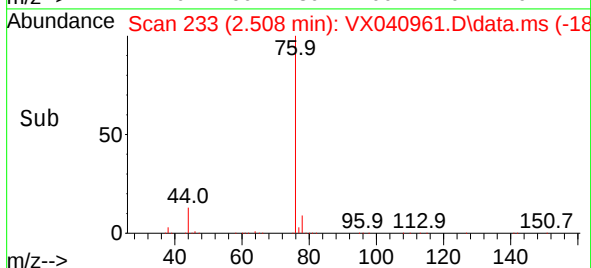
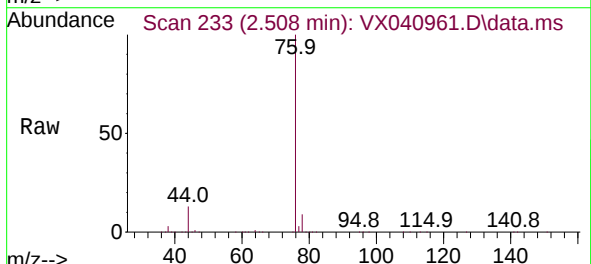


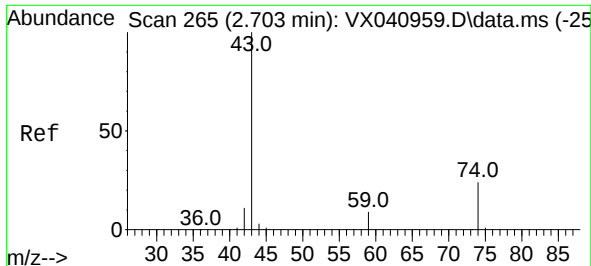
Tgt Ion: 43 Resp: 458627
Ion Ratio Lower Upper
43 100
58 30.3 0.0 59.4



#14
Carbon disulfide
Concen: 218.264 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

Tgt Ion: 76 Resp: 1002168
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2





#15

Methyl Acetate

Concen: 211.078 ug/L

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

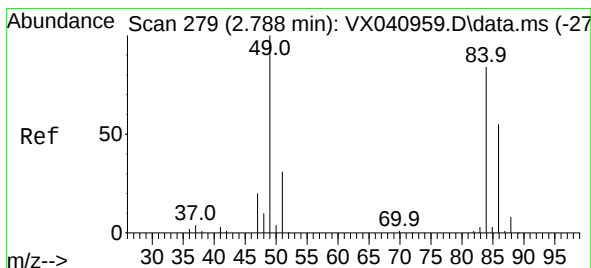
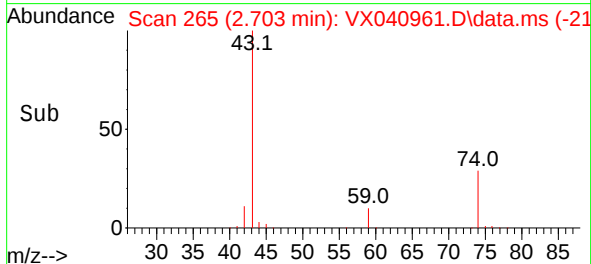
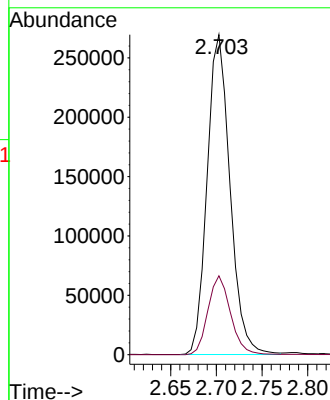
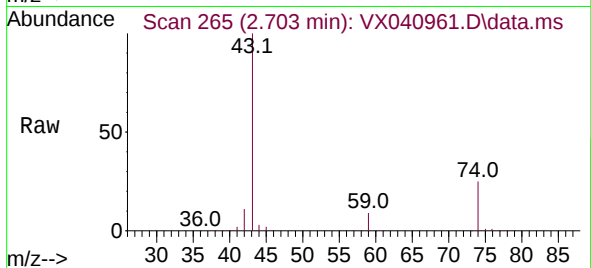
ClientSampleId :

Tgt Ion: 43 Resp: 468045

Ion Ratio Lower Upper

43 100

74 24.3 19.2 28.8



#16

Methylene chloride

Concen: 215.529 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

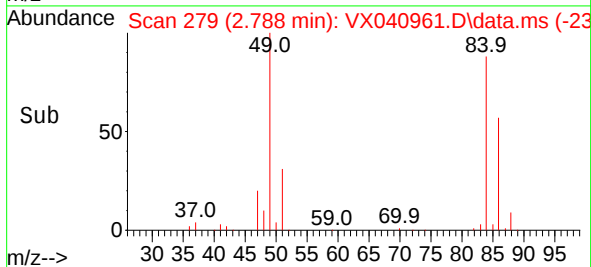
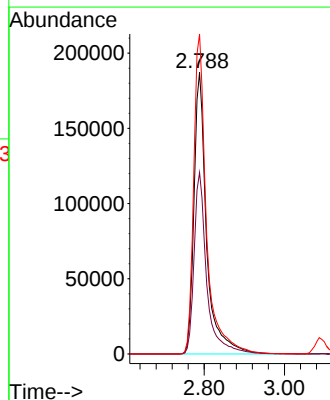
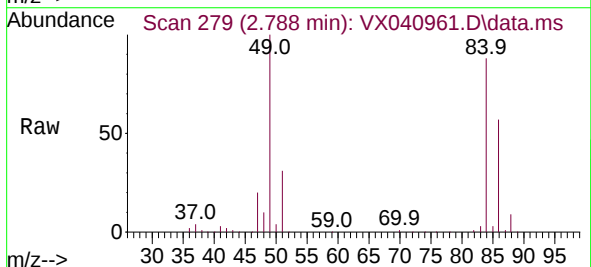
Tgt Ion: 84 Resp: 410444

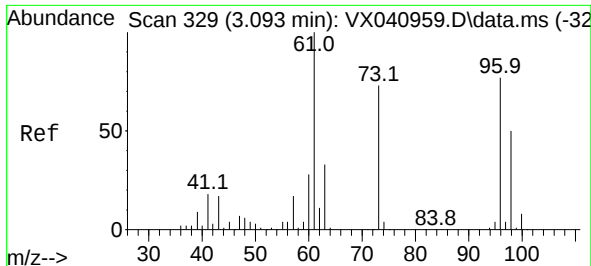
Ion Ratio Lower Upper

84 100

86 64.4 45.9 85.3

49 113.6 83.1 154.3

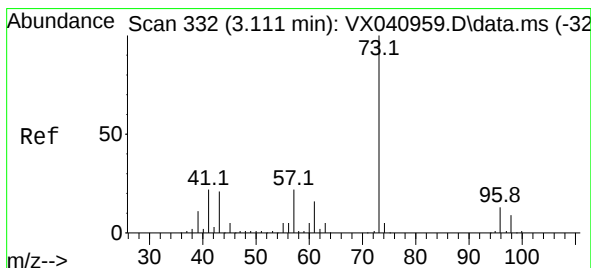
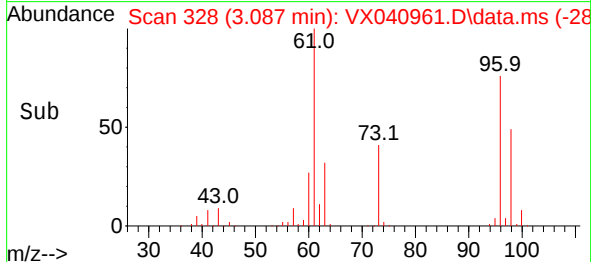
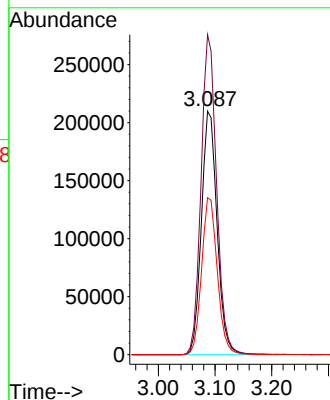
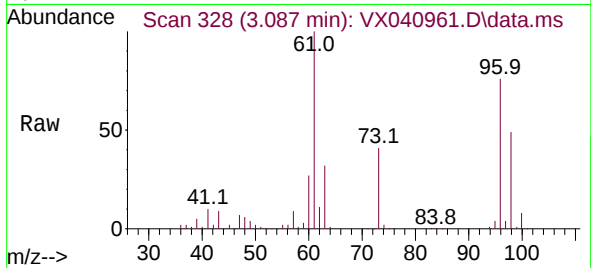




#17
trans-1,2-Dichloroethene
Concen: 213.312 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

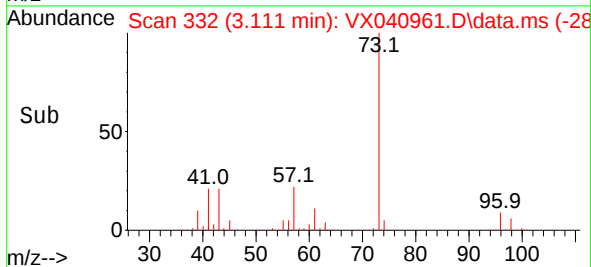
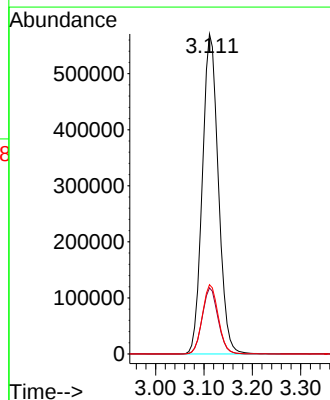
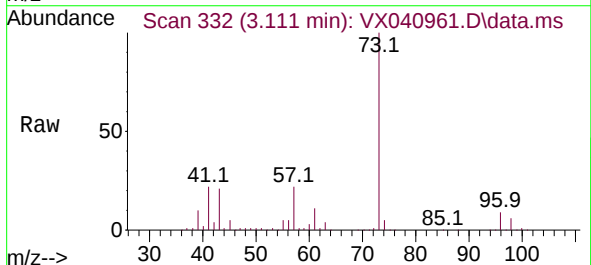
Instrument :
MSVOA_X
ClientSampleId :

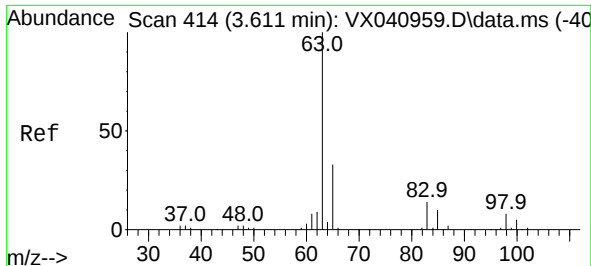
Tgt Ion: 96 Resp: 403431
Ion Ratio Lower Upper
96 100
61 131.4 91.4 169.8
98 64.4 45.6 84.6



#18
Methyl tert-butyl Ether
Concen: 221.057 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

Tgt Ion: 73 Resp: 1312271
Ion Ratio Lower Upper
73 100
43 20.4 16.6 25.0
57 21.5 17.3 25.9





#19

1,1-Dichloroethane

Concen: 214.014 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

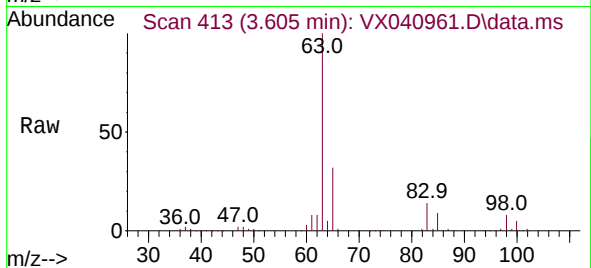
Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :



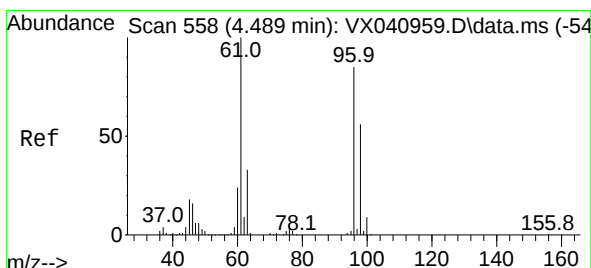
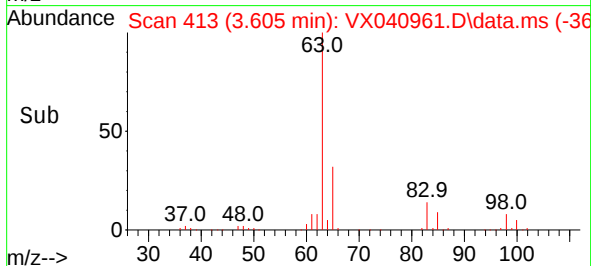
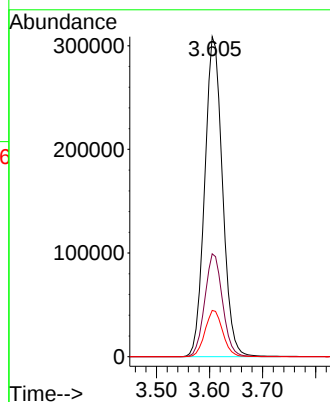
Tgt Ion: 63 Resp: 718914

Ion Ratio Lower Upper

63 100

65 32.2 22.9 42.5

83 14.5 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 218.240 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

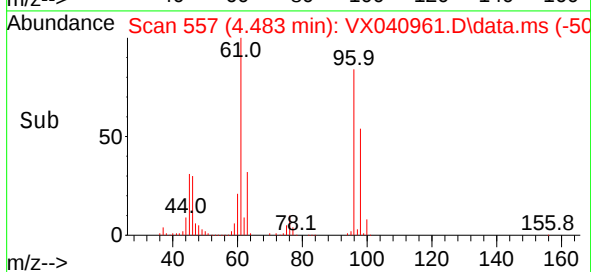
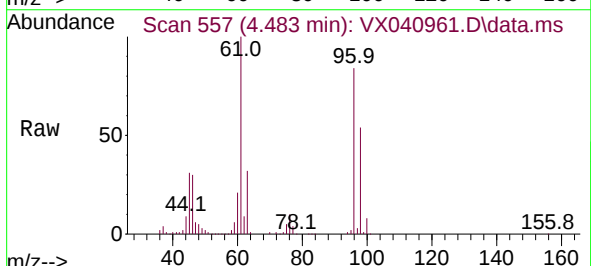
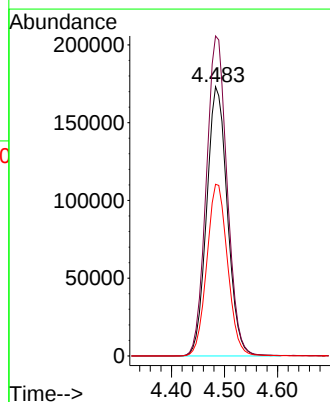
Tgt Ion: 96 Resp: 470247

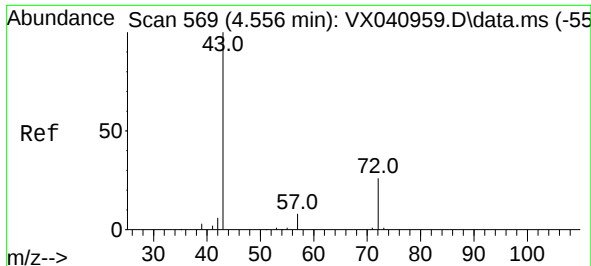
Ion Ratio Lower Upper

96 100

61 118.8 82.6 153.4

98 63.8 46.0 85.4





#22

2-Butanone

Concen: 422.913 ug/L

RT: 4.550 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

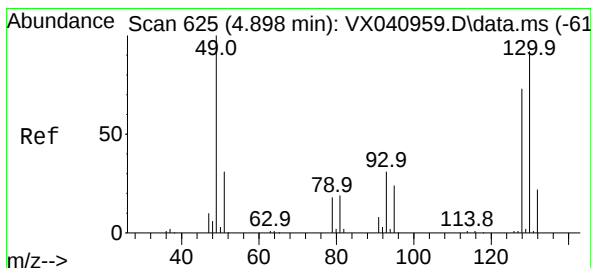
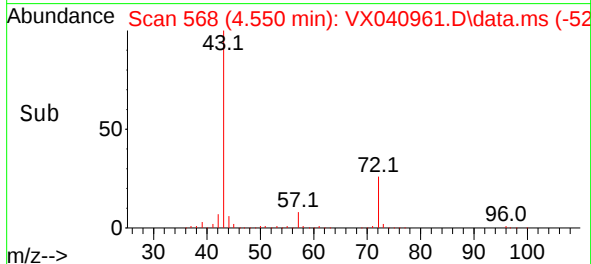
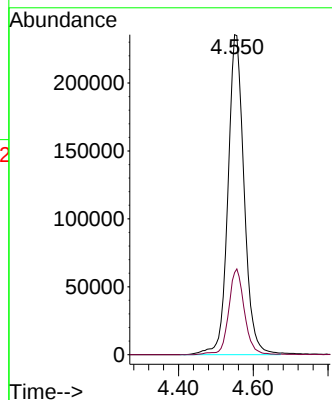
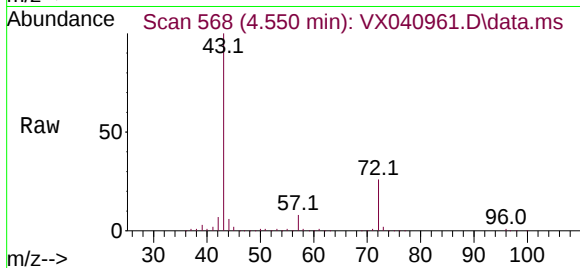
ClientSampleId :

Tgt Ion: 43 Resp: 707093

Ion Ratio Lower Upper

43 100

72 26.1 13.2 39.6



#23

Bromochloromethane

Concen: 207.243 ug/L

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Tgt Ion:128 Resp: 242766

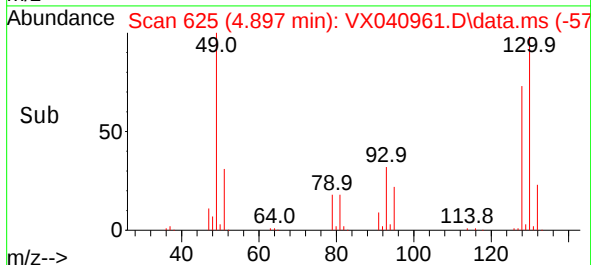
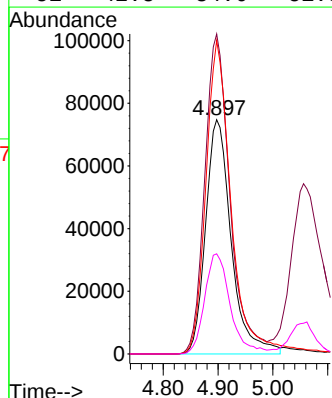
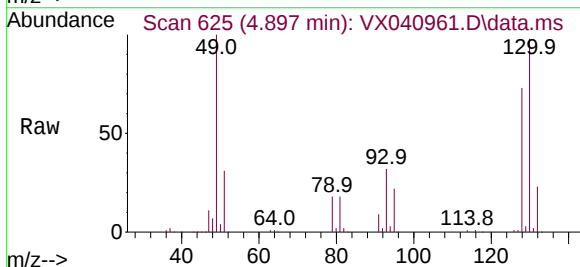
Ion Ratio Lower Upper

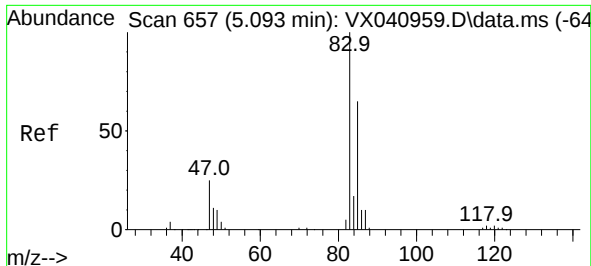
128 100

49 136.6 96.4 179.0

130 133.9 87.9 163.3

51 42.8 34.6 51.8





#25

Chloroform

Concen: 212.326 ug/L

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

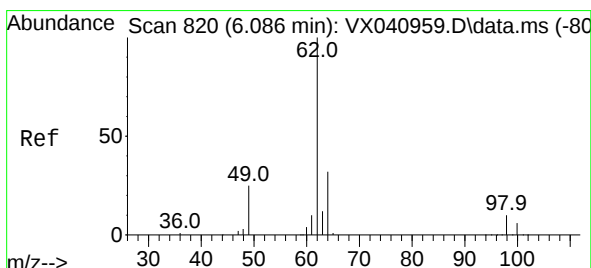
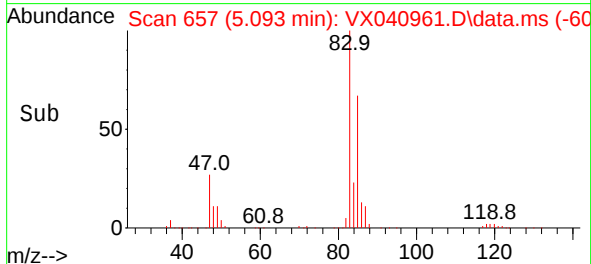
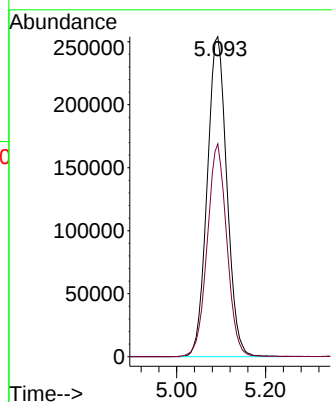
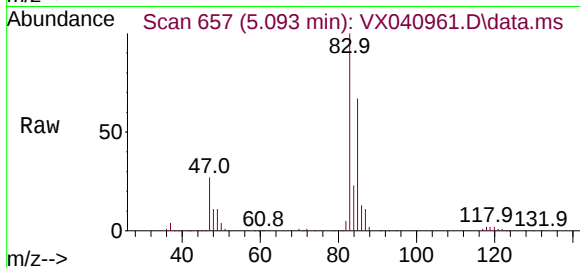
ClientSampleId :

Tgt Ion: 83 Resp: 781660

Ion Ratio Lower Upper

83 100

85 66.5 45.4 84.4



#27

1,2-Dichloroethane

Concen: 208.881 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX040961.D

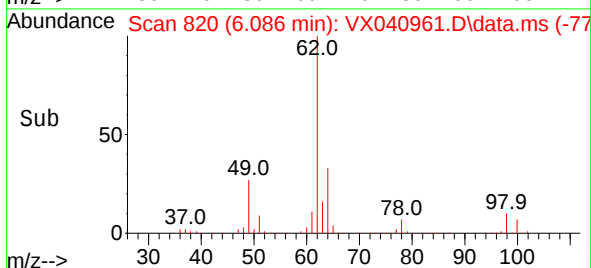
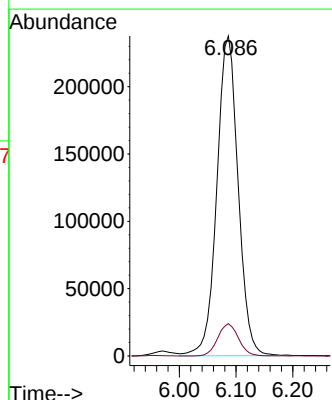
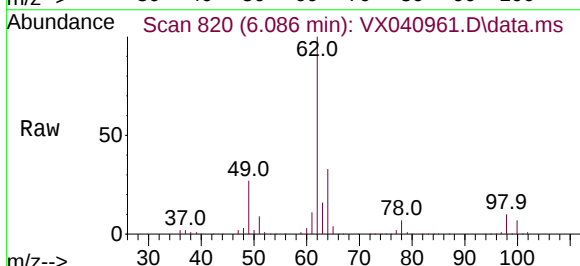
Acq: 10 Apr 2024 17:38

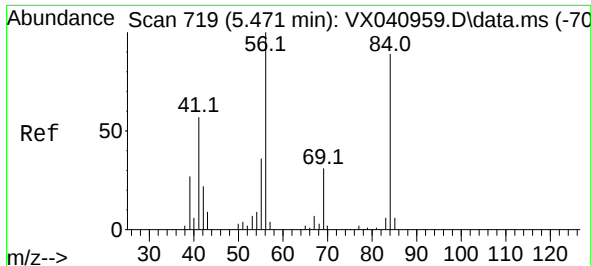
Tgt Ion: 62 Resp: 618072

Ion Ratio Lower Upper

62 100

98 10.1 7.7 11.5





#29

Cyclohexane

Concen: 218.589 ug/L

RT: 5.471 min Scan# 719

Delta R.T. -0.000 min MSVOA_X

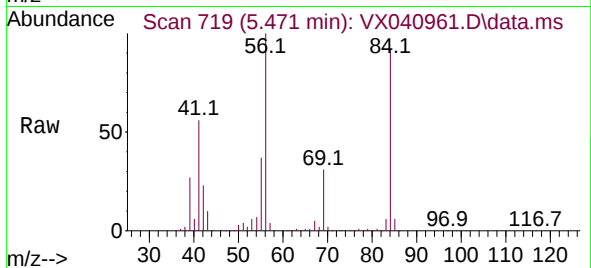
Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :



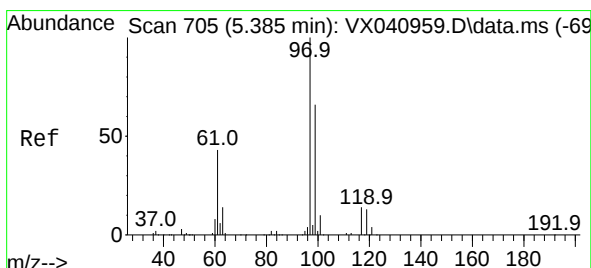
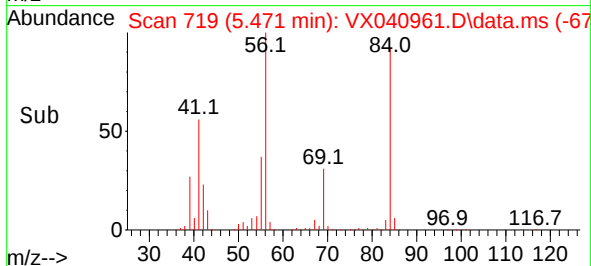
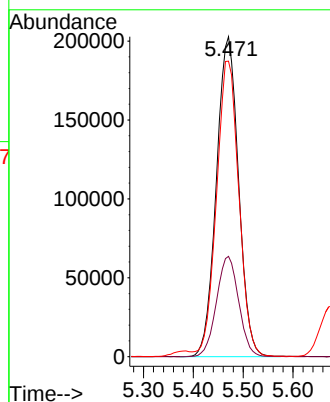
Tgt Ion: 56 Resp: 625373

Ion Ratio Lower Upper

56 100

69 31.5 25.0 37.4

84 93.0 74.9 112.3



#30

1,1,1-Trichloroethane

Concen: 218.895 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

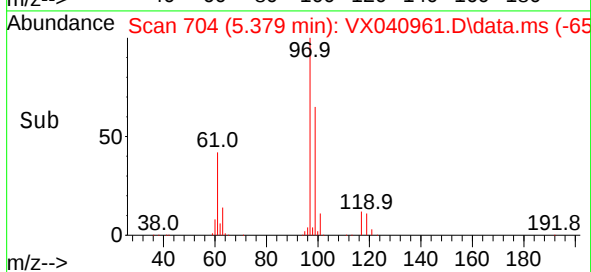
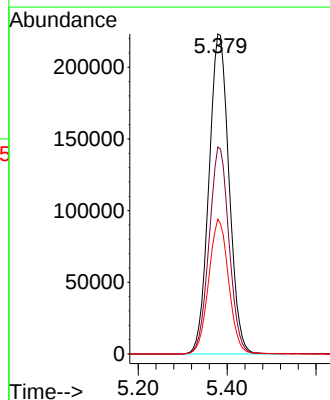
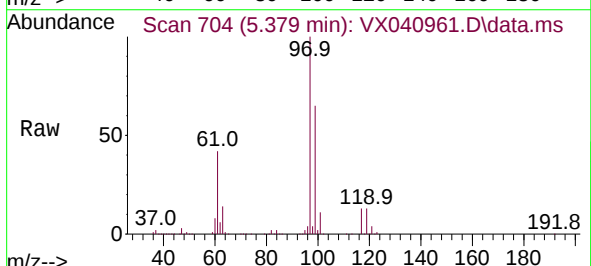
Tgt Ion: 97 Resp: 700539

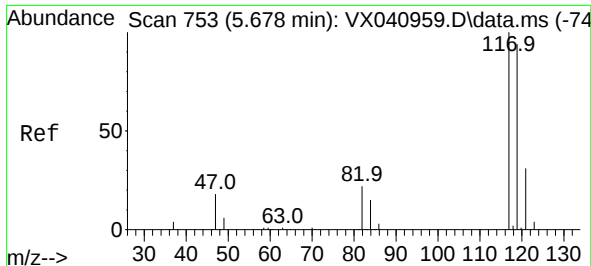
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 41.9 34.0 51.0

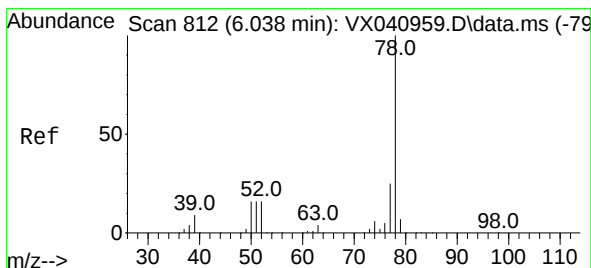
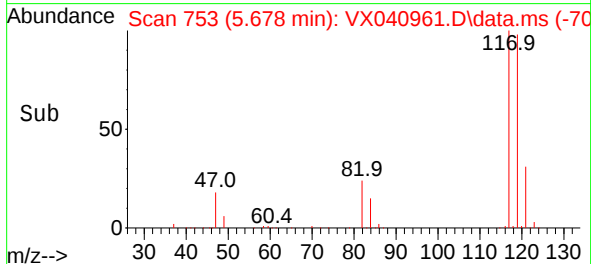
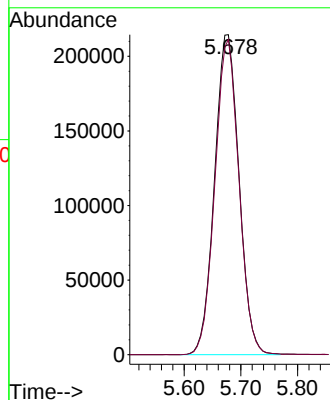
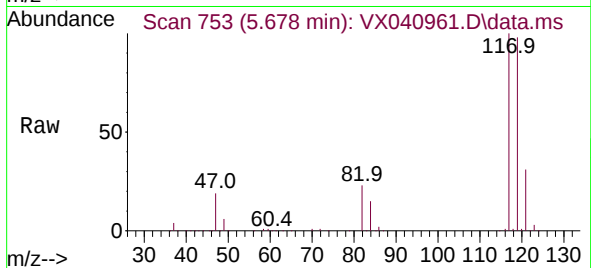




#31
Carbon tetrachloride
Concen: 220.436 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

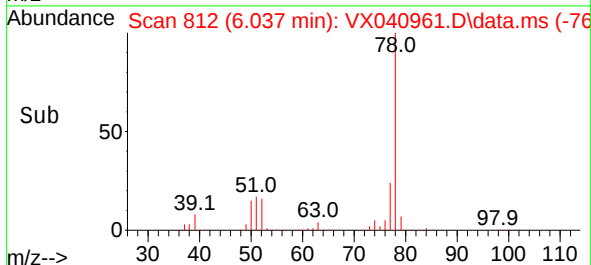
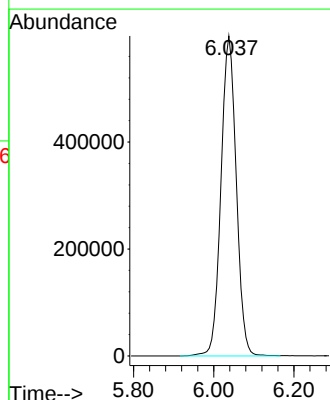
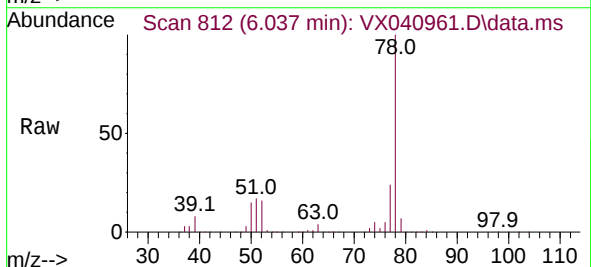
Instrument :
MSVOA_X
ClientSampleId :

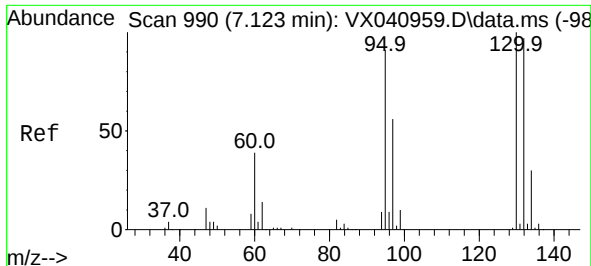
Tgt Ion:117 Resp: 642885
Ion Ratio Lower Upper
117 100
119 96.8 76.8 115.2



#33
Benzene
Concen: 214.095 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

Tgt Ion: 78 Resp: 1586310

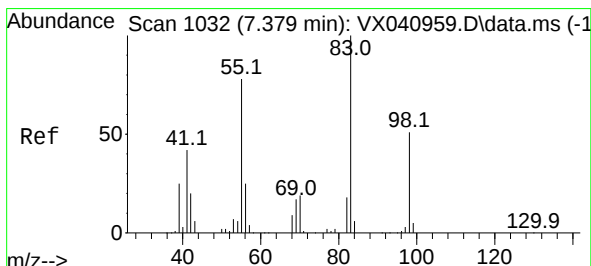
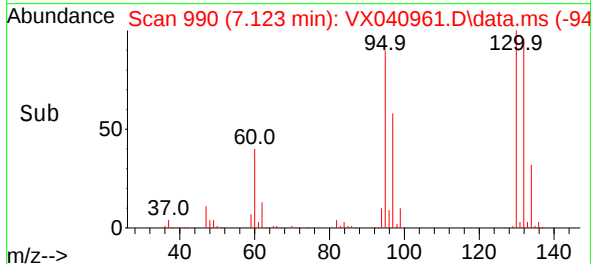
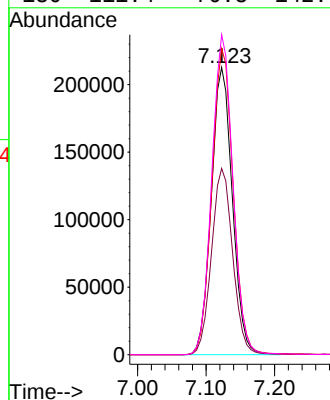
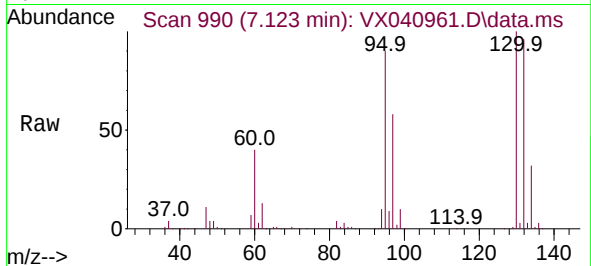




#34
Trichloroethene
Concen: 214.154 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

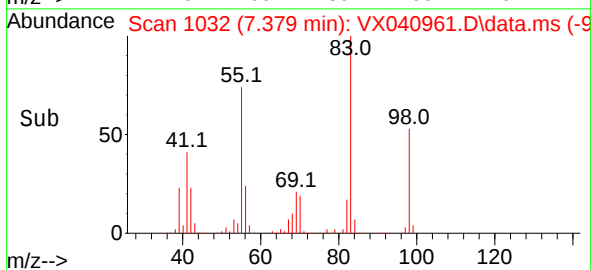
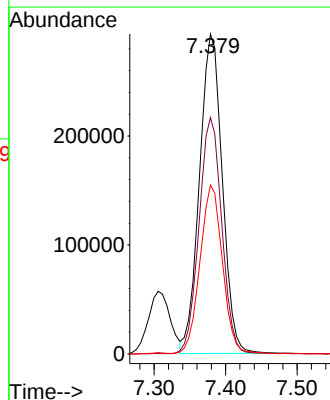
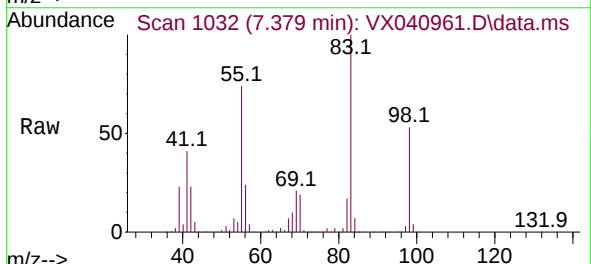
Instrument :
MSVOA_X
ClientSampleId :

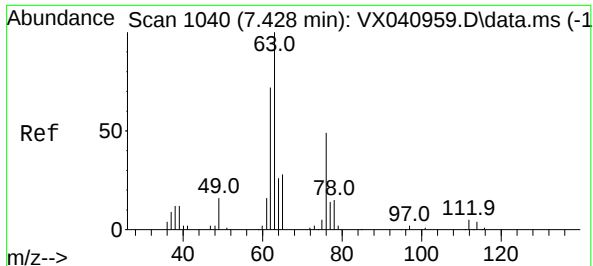
Tgt Ion: 95 Resp: 455182
Ion Ratio Lower Upper
95 100
97 64.8 43.2 80.2
132 106.6 74.3 138.1
130 111.4 76.8 142.6



#35
Methylcyclohexane
Concen: 215.498 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

Tgt Ion: 83 Resp: 649594
Ion Ratio Lower Upper
83 100
55 73.7 58.9 88.3
98 52.2 40.9 61.3

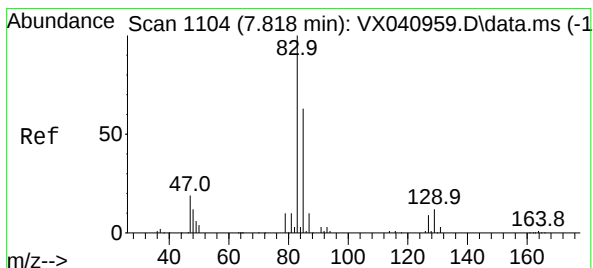
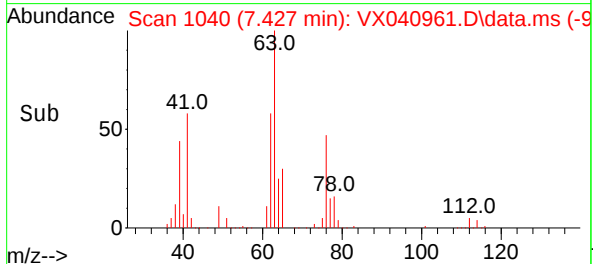
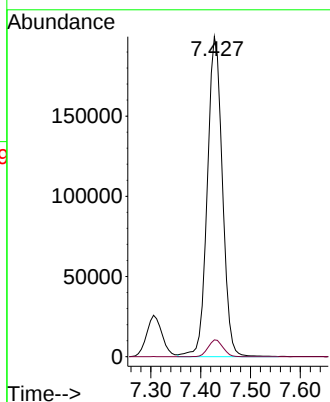
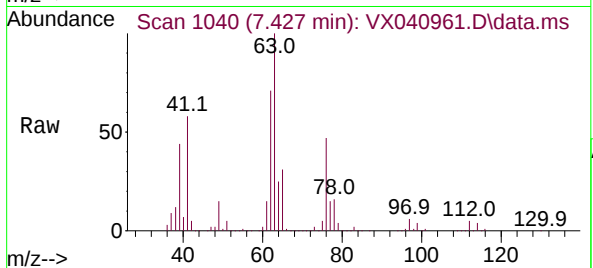




#37
1,2-Dichloropropane
Concen: 218.671 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

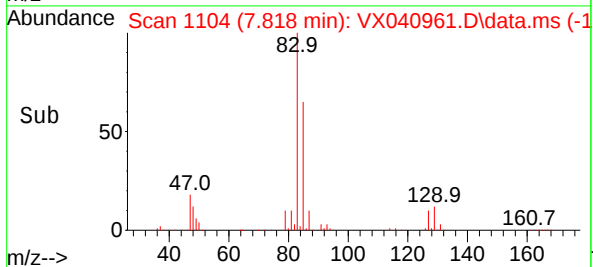
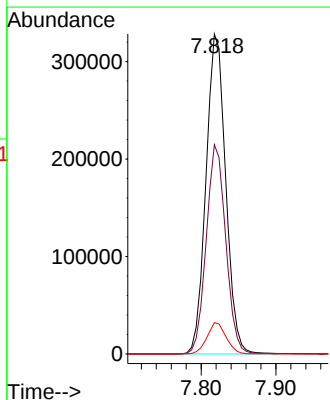
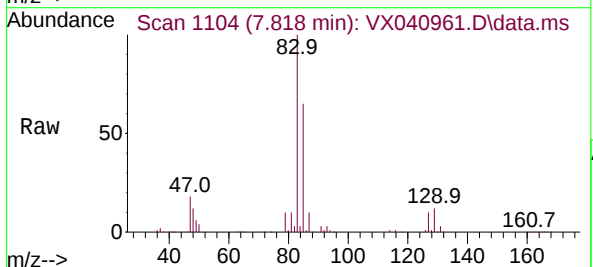
Instrument :
MSVOA_X
ClientSampleId :

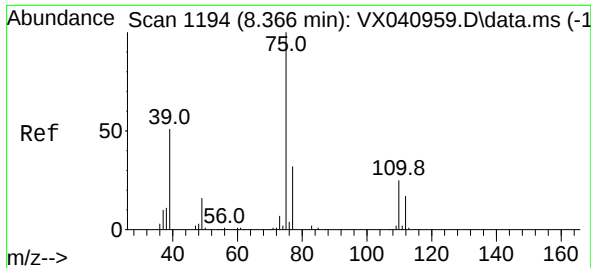
Tgt Ion: 63 Resp: 419383
Ion Ratio Lower Upper
63 100
112 5.2 4.2 6.2



#38
Bromodichloromethane
Concen: 223.971 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

Tgt Ion: 83 Resp: 602181
Ion Ratio Lower Upper
83 100
85 65.4 44.3 82.3
127 9.8 7.2 10.8

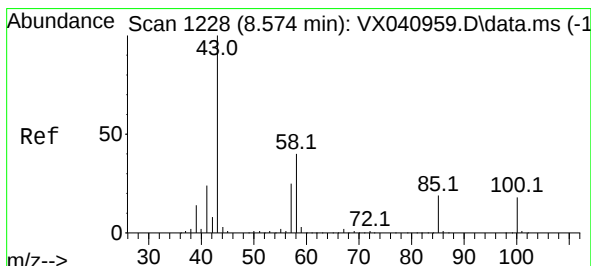
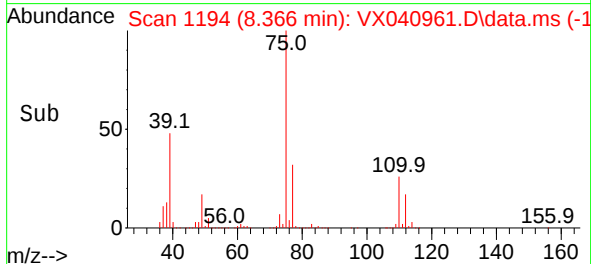
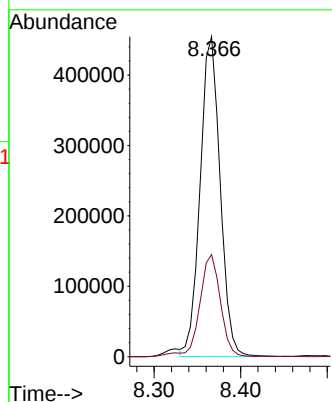
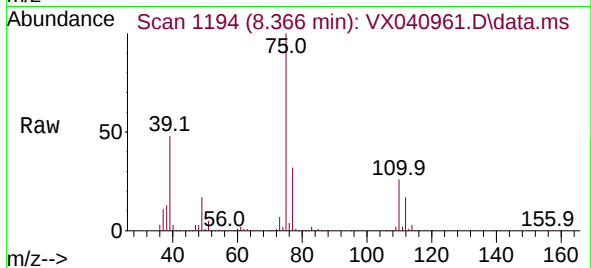




#39
 cis-1,3-Dichloropropene
 Concen: 232.228 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040961.D
 Acq: 10 Apr 2024 17:38

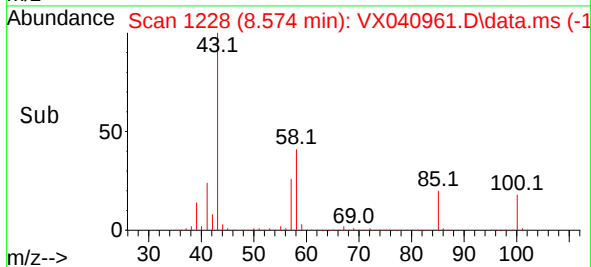
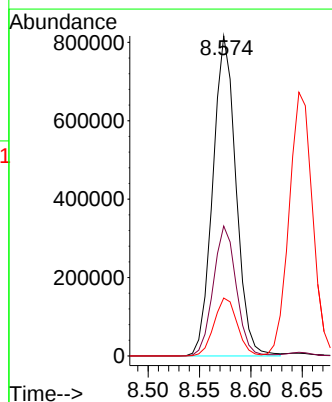
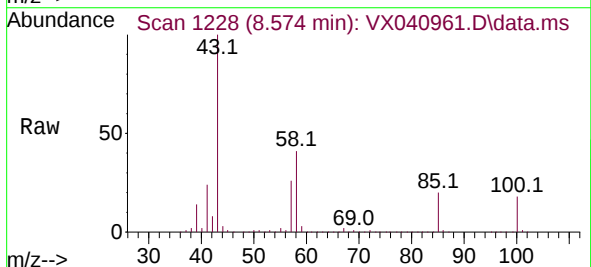
Instrument :
 MSVOA_X
 ClientSampleId :

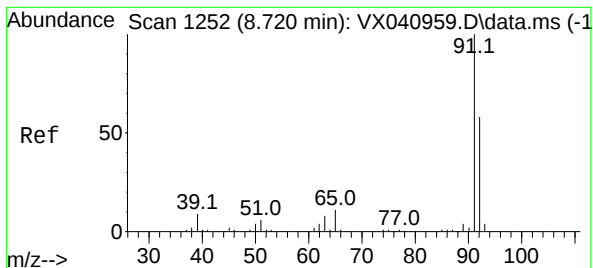
Tgt Ion: 75 Resp: 727668
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 440.063 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX040961.D
 Acq: 10 Apr 2024 17:38

Tgt Ion: 43 Resp: 1278180
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.1 46.7
 100 18.2 14.2 21.2





#42

Toluene

Concen: 215.116 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

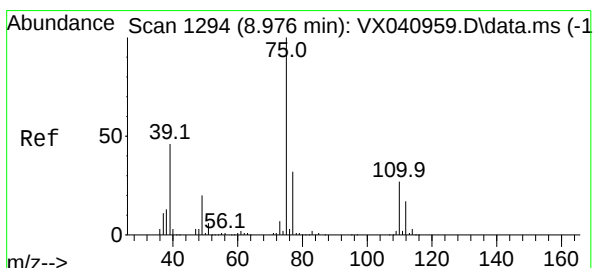
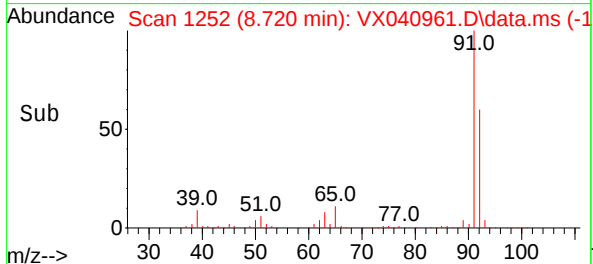
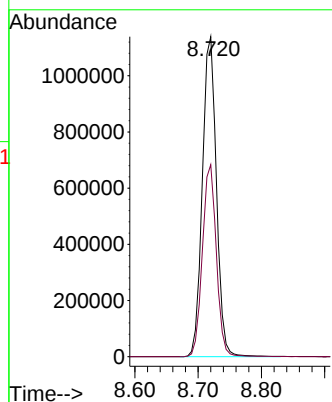
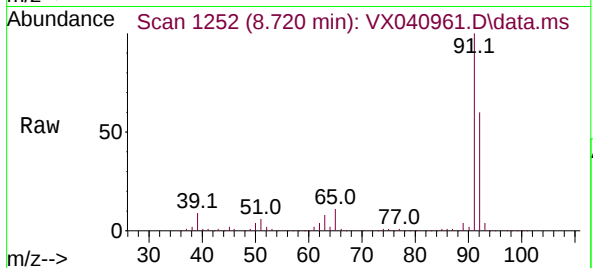
ClientSampleId :

Tgt Ion: 91 Resp: 1765118

Ion Ratio Lower Upper

91 100

92 60.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 237.992 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX040961.D

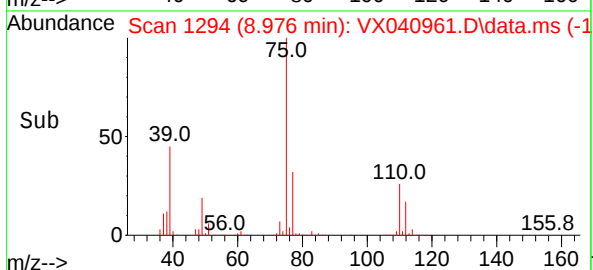
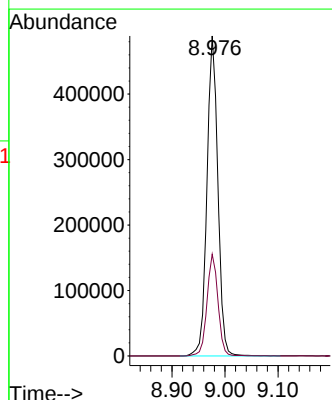
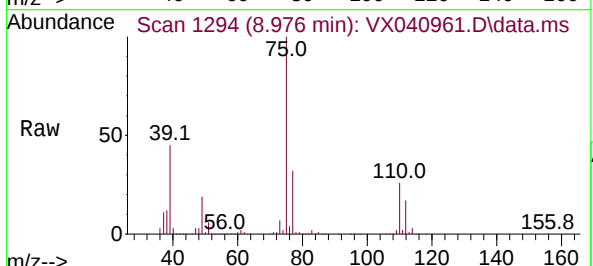
Acq: 10 Apr 2024 17:38

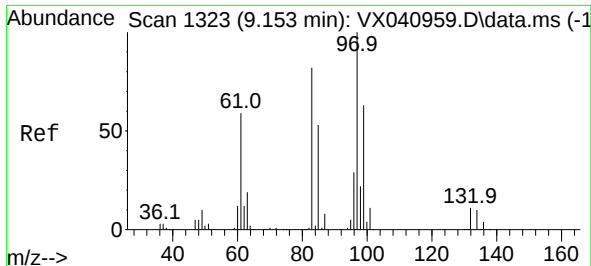
Tgt Ion: 75 Resp: 696911

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2



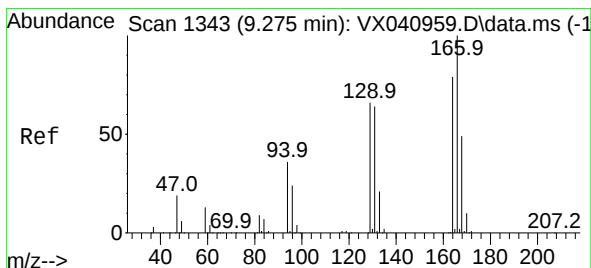
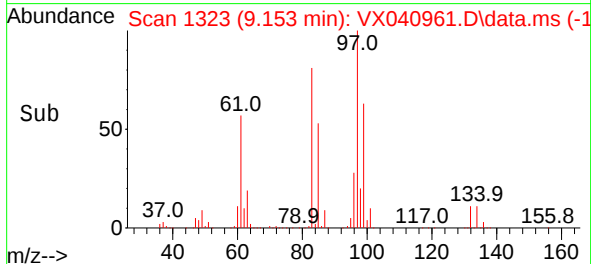
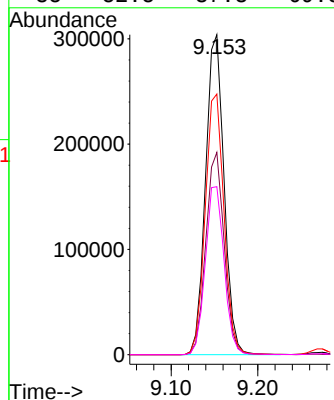
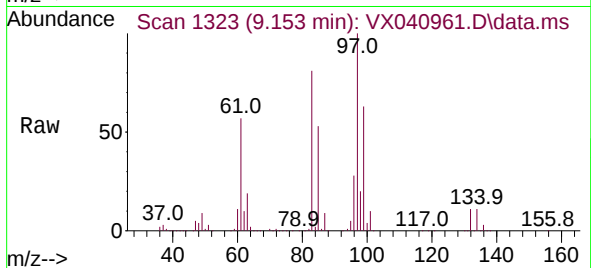


#45
1,1,2-Trichloroethane
Concen: 216.189 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 450370

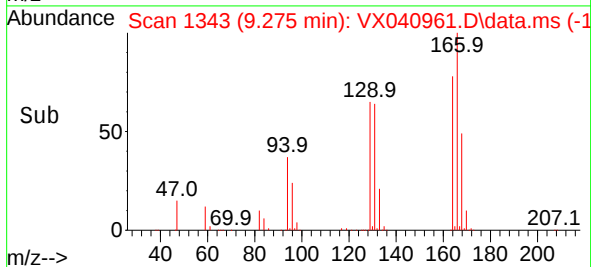
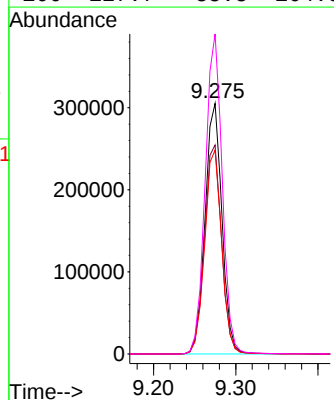
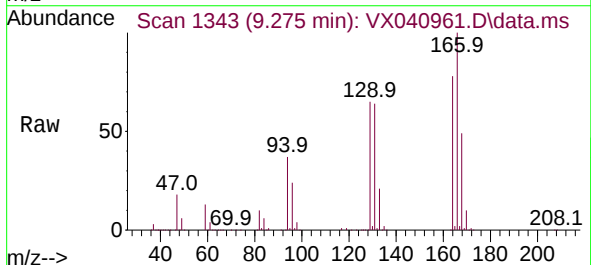
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.1	81.9
83	81.5	57.2	106.2
85	52.5	37.3	69.3

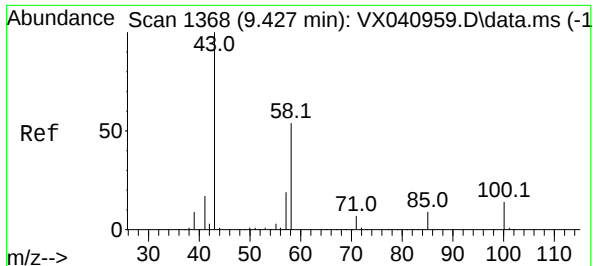


#46
Tetrachloroethene
Concen: 218.031 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

Tgt Ion: 164 Resp: 436462

Ion	Ratio	Lower	Upper
164	100		
129	83.4	58.9	109.5
131	81.3	56.6	105.2
166	127.7	88.8	164.8





#48

2-Hexanone

Concen: 424.740 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

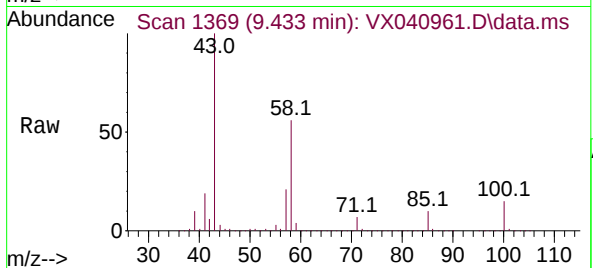
Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 996665

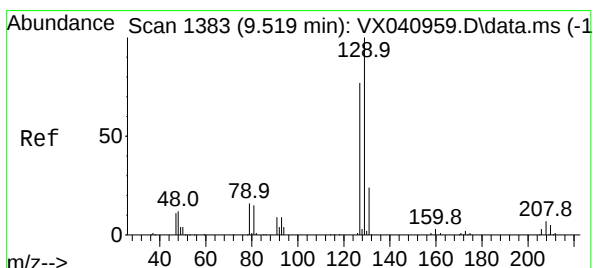
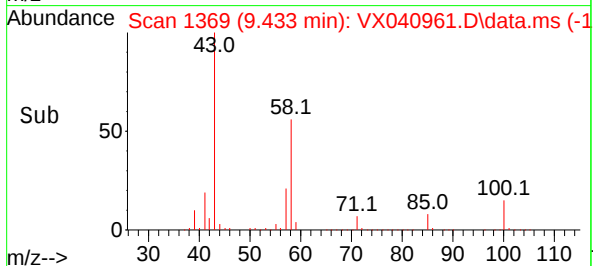
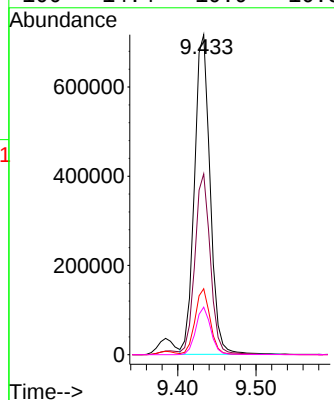
Ion Ratio Lower Upper

43 100

58 56.0 43.2 64.8

57 20.0 15.4 23.2

100 14.4 10.9 16.3



#49

Dibromochloromethane

Concen: 229.048 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX040961.D

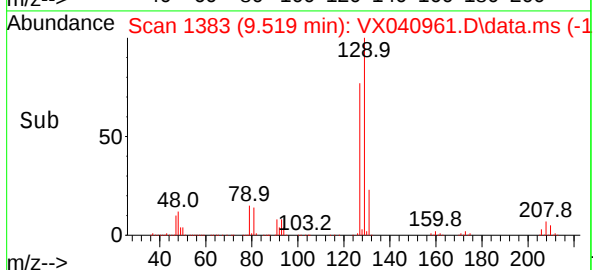
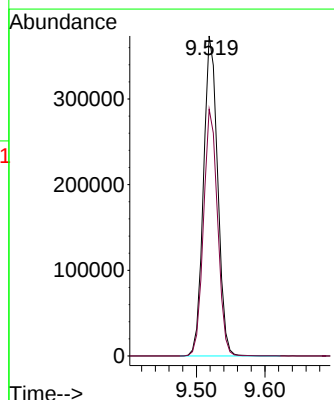
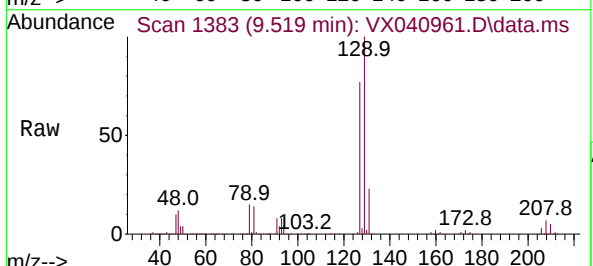
Acq: 10 Apr 2024 17:38

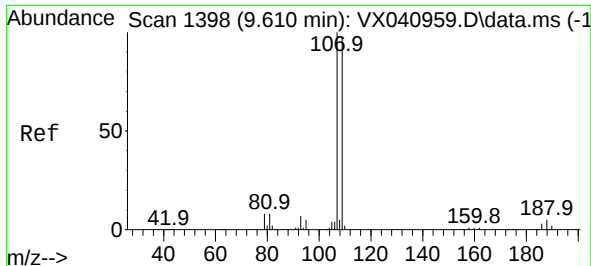
Tgt Ion:129 Resp: 538164

Ion Ratio Lower Upper

129 100

127 77.1 54.0 100.2





#50

1,2-Dibromoethane

Concen: 220.684 ug/L

RT: 9.610 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :

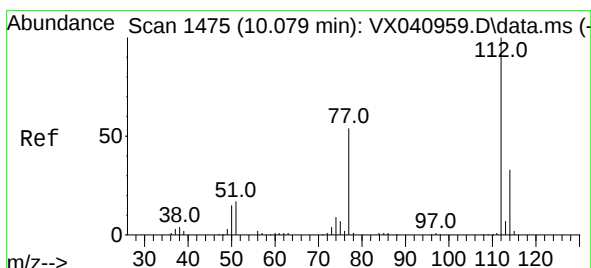
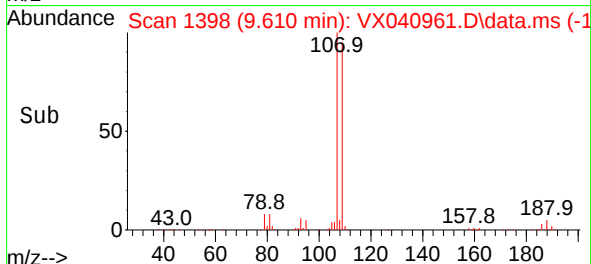
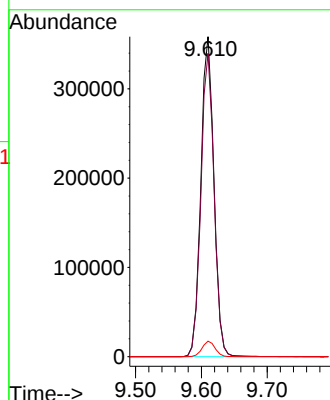
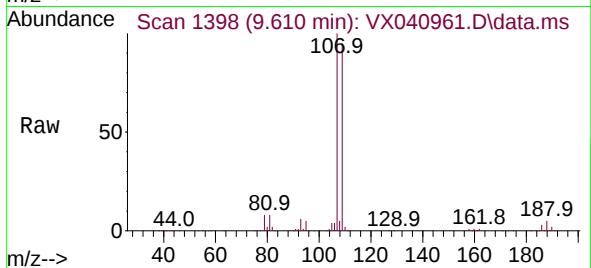
Tgt Ion:107 Resp: 495950

Ion Ratio Lower Upper

107 100

109 94.8 67.7 125.7

188 4.9 3.8 5.6



#51

Chlorobenzene

Concen: 212.421 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

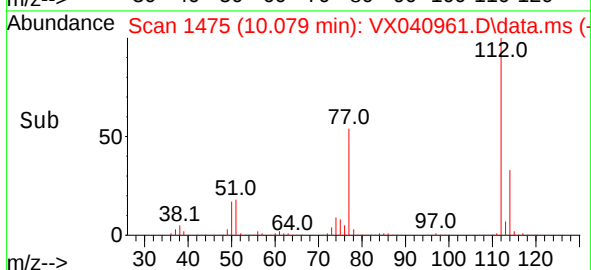
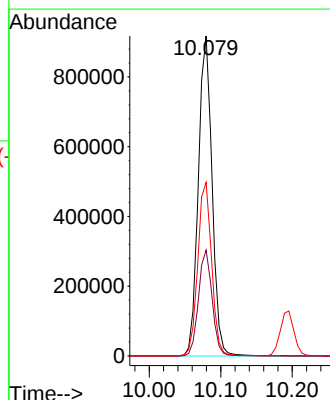
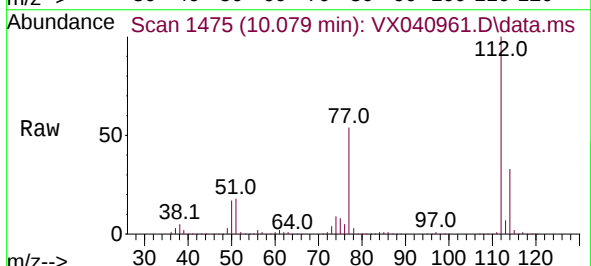
Tgt Ion:112 Resp: 1221503

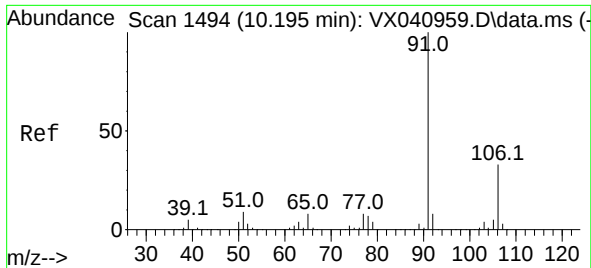
Ion Ratio Lower Upper

112 100

114 33.1 23.0 42.8

77 54.3 43.4 65.0

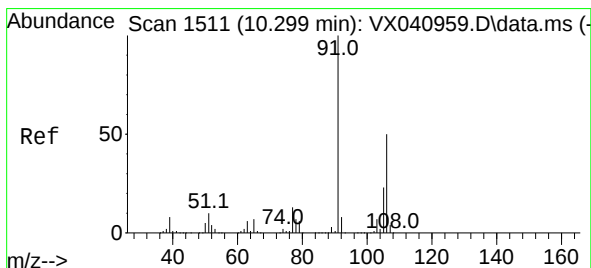
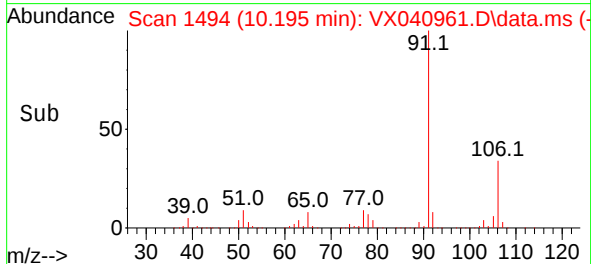
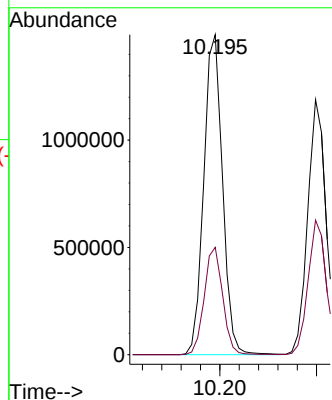
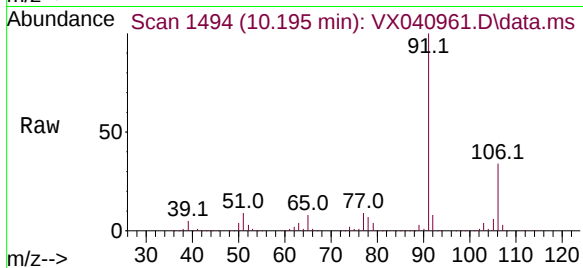




#52
Ethylbenzene
Concen: 215.527 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

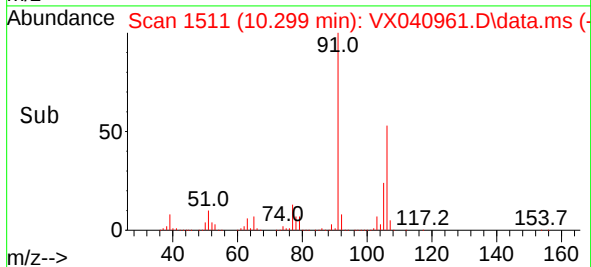
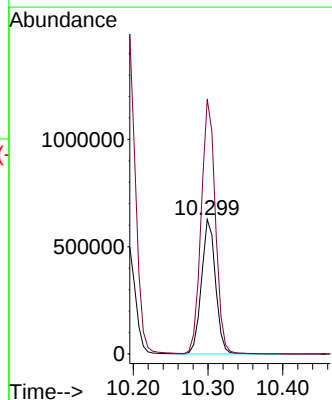
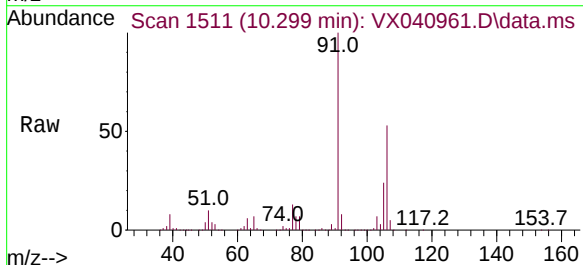
Instrument :
MSVOA_X
ClientSampleId :

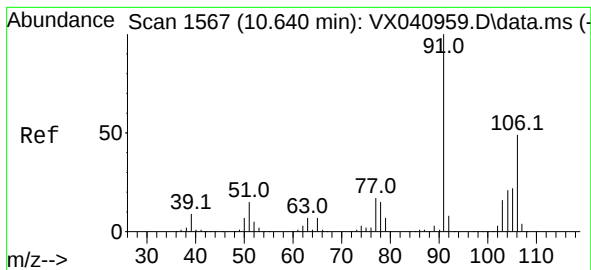
Tgt Ion: 91 Resp: 2006566
Ion Ratio Lower Upper
91 100
106 33.6 23.0 42.8



#53
m,p-Xylene
Concen: 220.313 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

Tgt Ion:106 Resp: 817829
Ion Ratio Lower Upper
106 100
91 189.6 140.4 260.8





#54

o-Xylene

Concen: 223.164 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

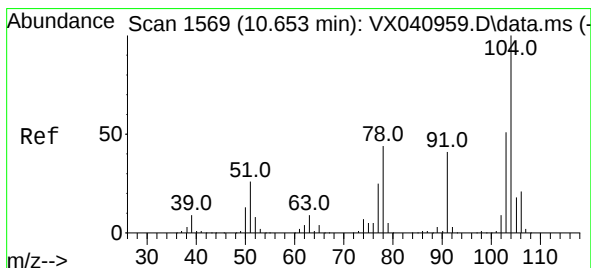
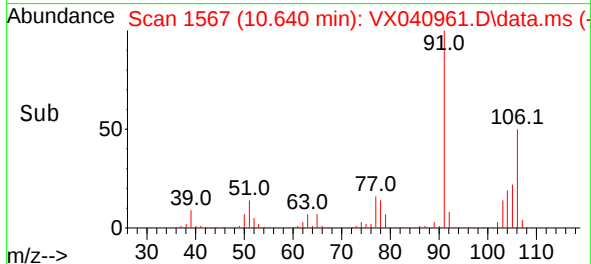
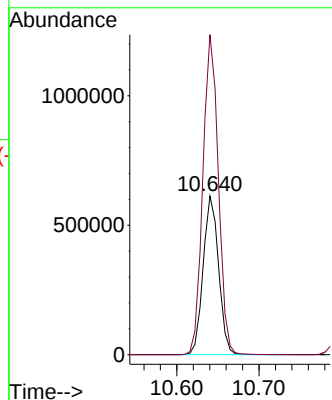
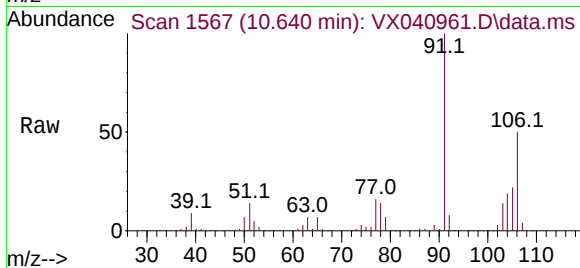
ClientSampleId :

Tgt Ion:106 Resp: 798892

Ion Ratio Lower Upper

106 100

91 201.8 144.0 267.4



#55

Styrene

Concen: 222.639 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX040961.D

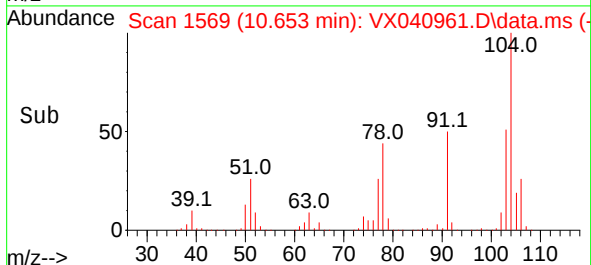
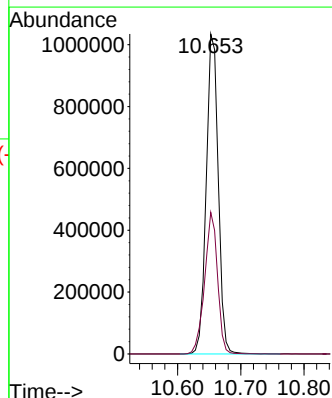
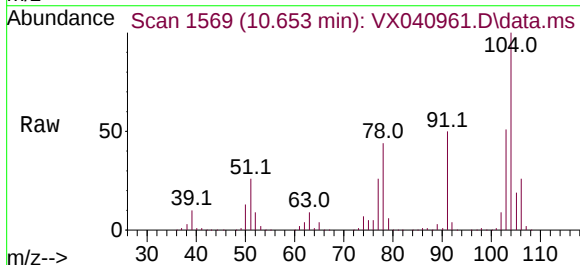
Acq: 10 Apr 2024 17:38

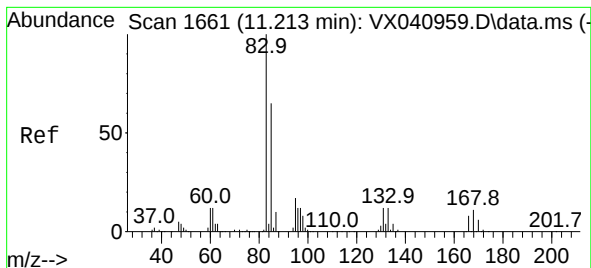
Tgt Ion:104 Resp: 1370261

Ion Ratio Lower Upper

104 100

78 44.2 30.7 56.9

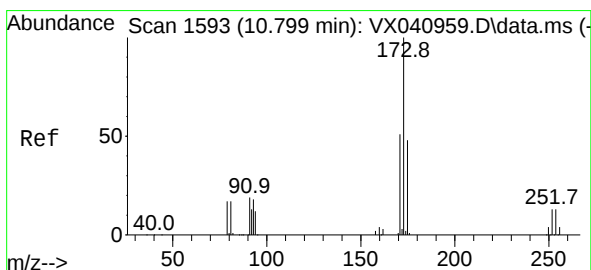
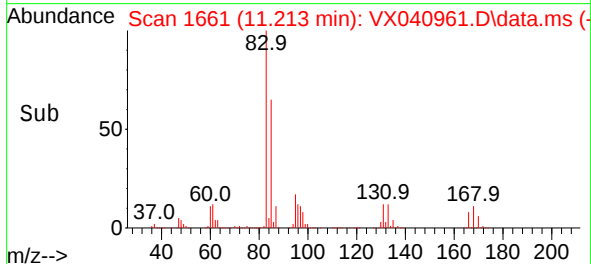
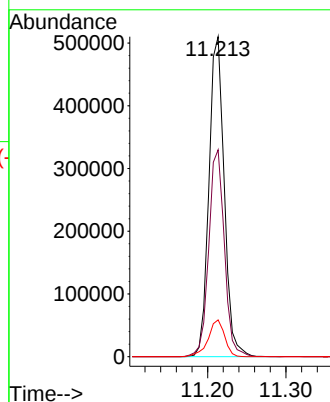
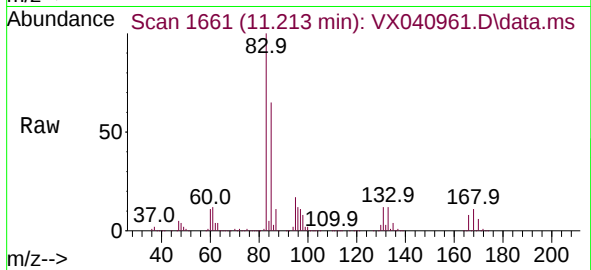




#57
1,1,2,2-Tetrachloroethane
Concen: 213.340 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

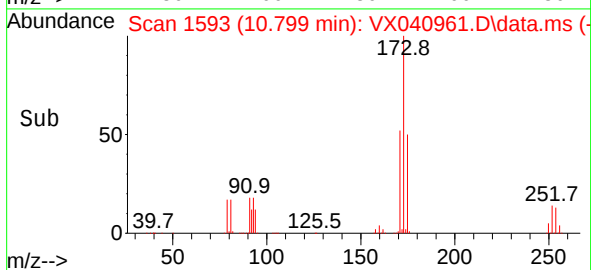
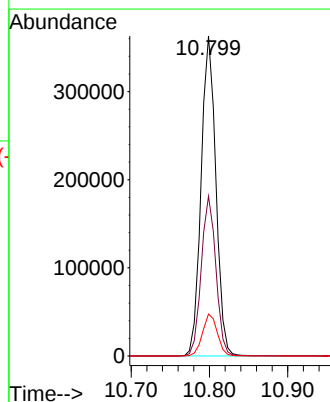
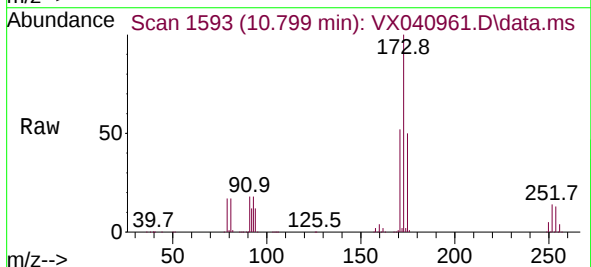
Instrument :
MSVOA_X
ClientSampleId :

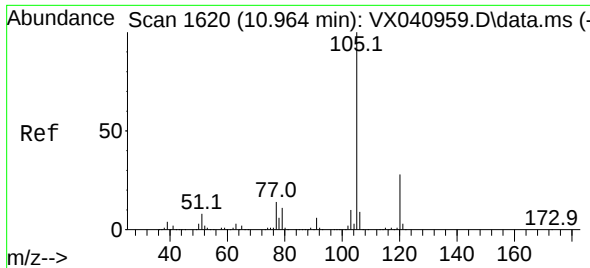
Tgt Ion: 83 Resp: 688569
Ion Ratio Lower Upper
83 100
85 64.7 45.8 85.0
131 11.5 9.4 14.2



#59
Bromoform
Concen: 236.331 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

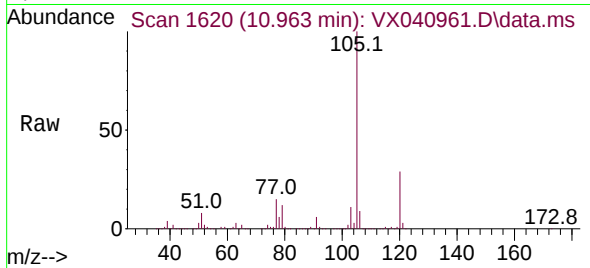
Tgt Ion:173 Resp: 475038
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.4
254 13.2 10.4 15.6



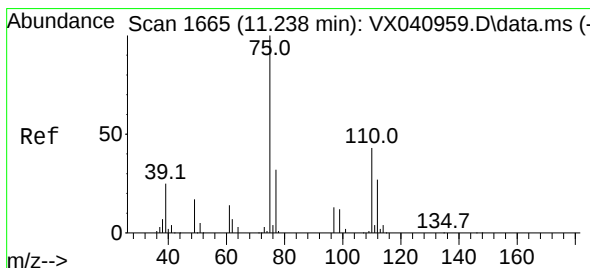
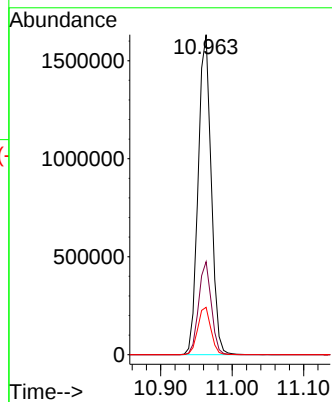
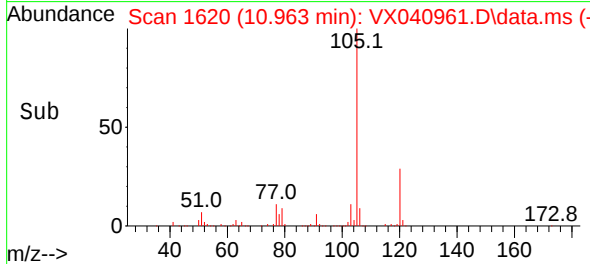


#60
Isopropylbenzene
Concen: 215.624 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

Instrument :
MSVOA_X
ClientSampleId :

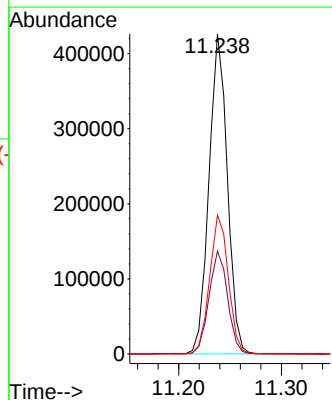
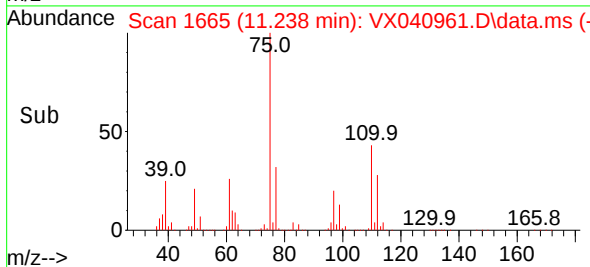
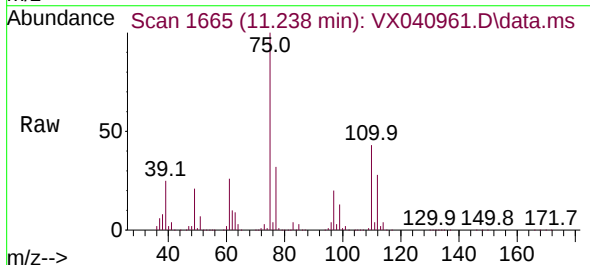


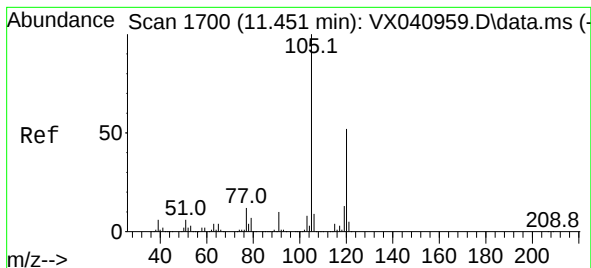
Tgt Ion:105 Resp: 2064618
Ion Ratio Lower Upper
105 100
120 28.3 21.9 32.9
77 14.9 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 211.765 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040961.D
Acq: 10 Apr 2024 17:38

Tgt Ion: 75 Resp: 529607
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
110 44.2 35.2 52.8





#62

1,3,5-Trimethylbenzene

Concen: 221.708 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

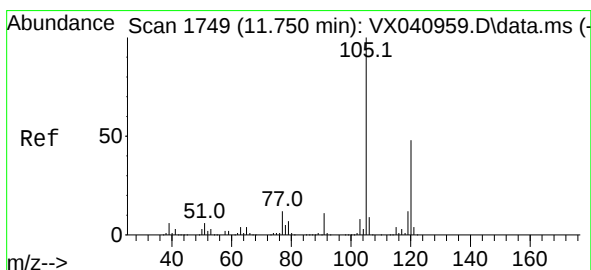
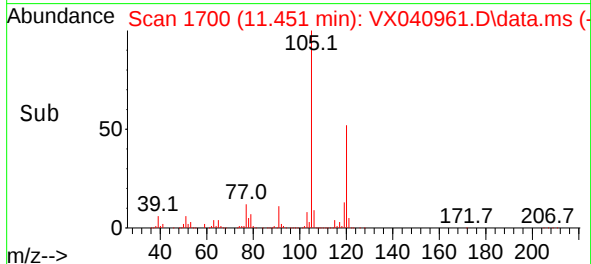
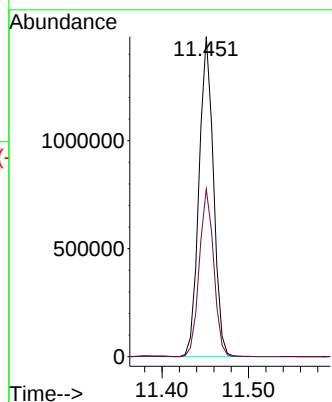
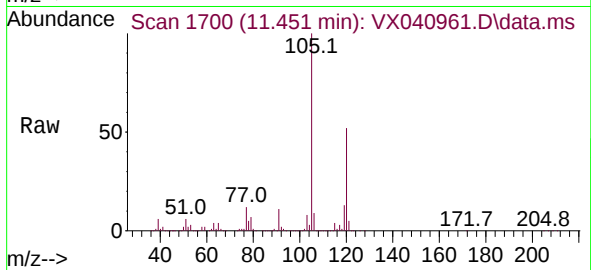
ClientSampleId :

Tgt Ion:105 Resp: 1711393

Ion Ratio Lower Upper

105 100

120 52.3 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 220.873 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040961.D

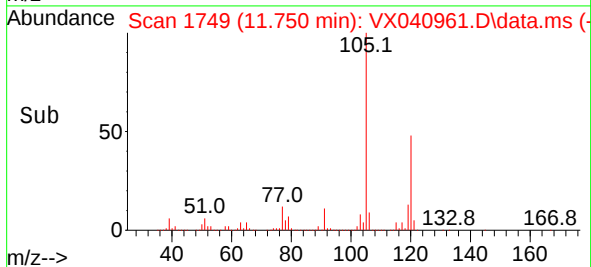
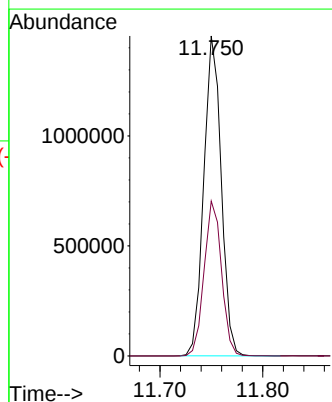
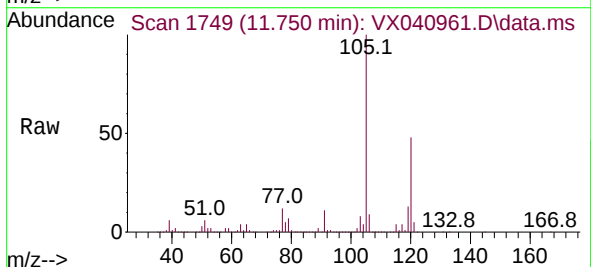
Acq: 10 Apr 2024 17:38

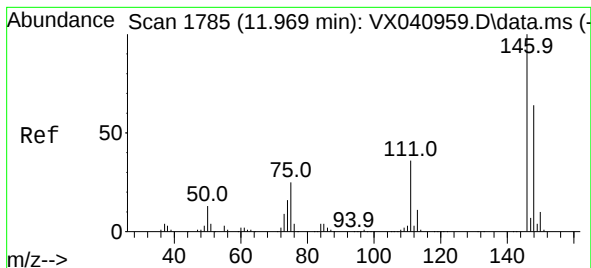
Tgt Ion:105 Resp: 1716166

Ion Ratio Lower Upper

105 100

120 48.5 37.8 56.6





#64

1,3-Dichlorobenzene

Concen: 213.755 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :

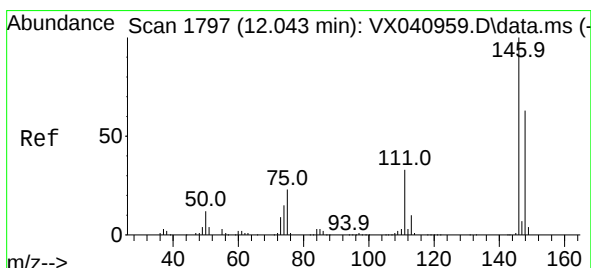
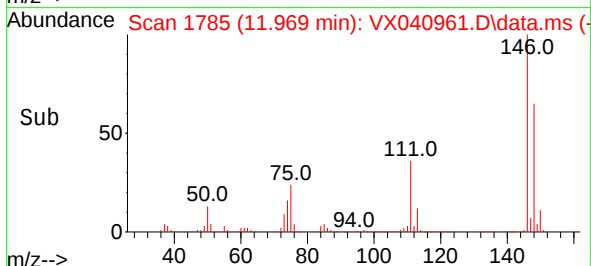
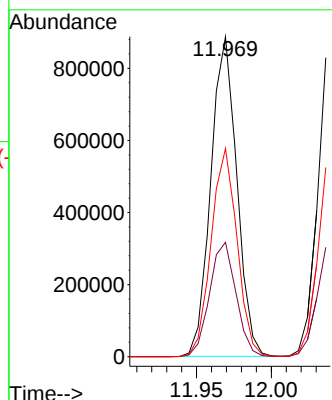
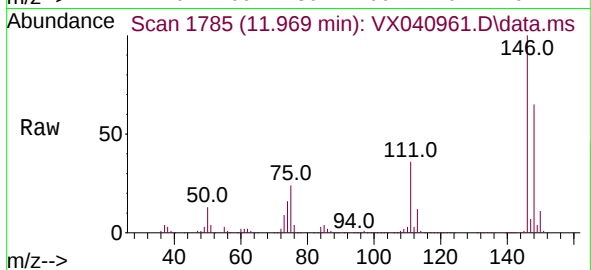
Tgt Ion:146 Resp: 1073955

Ion Ratio Lower Upper

146 100

111 35.7 25.3 47.1

148 65.0 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 210.009 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

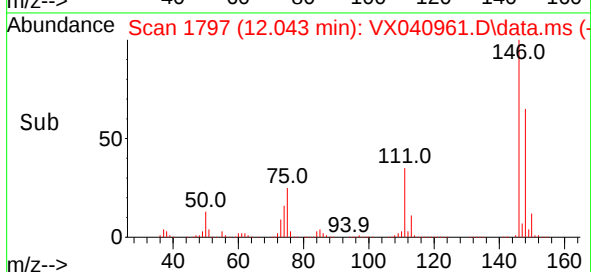
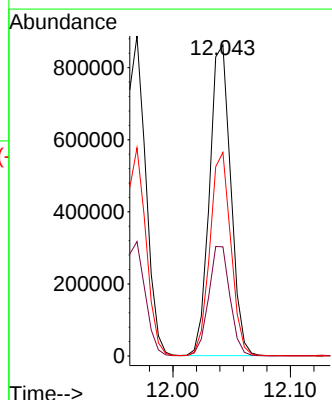
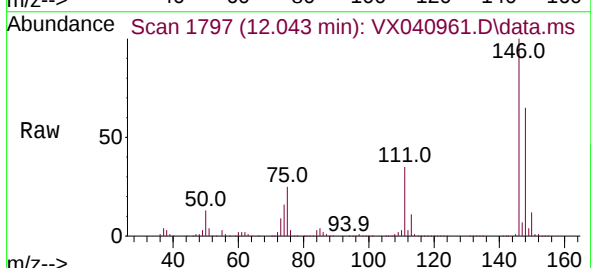
Tgt Ion:146 Resp: 1083166

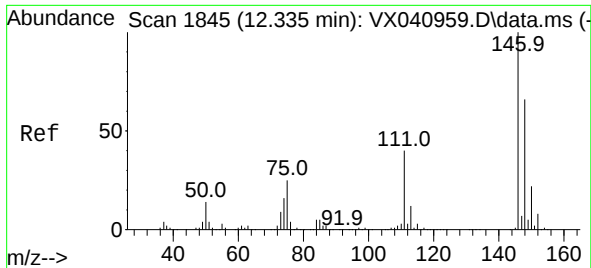
Ion Ratio Lower Upper

146 100

111 35.1 23.4 43.6

148 65.4 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 213.605 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :

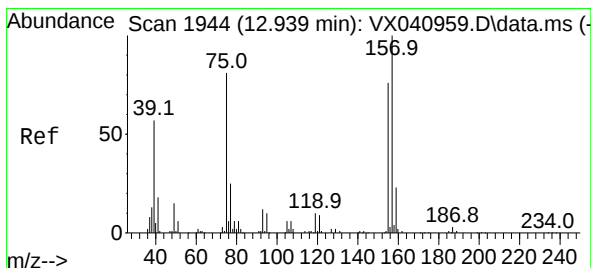
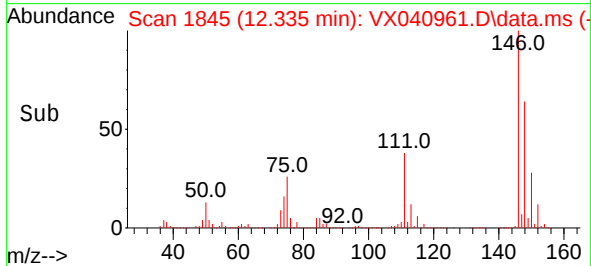
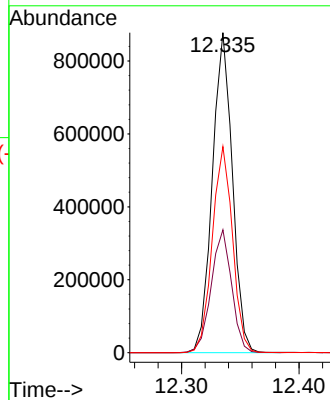
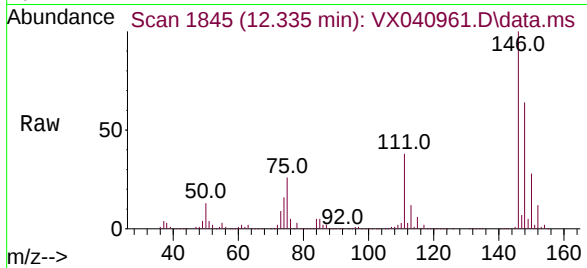
Tgt Ion:146 Resp: 1041073

Ion Ratio Lower Upper

146 100

111 38.4 31.8 47.8

148 64.4 53.2 79.8



#68

1,2-Dibromo-3-chloropropane

Concen: 227.752 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

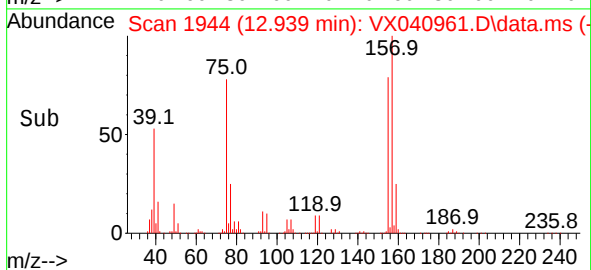
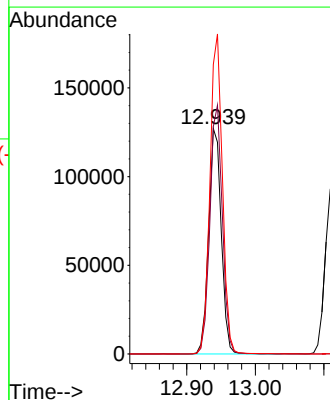
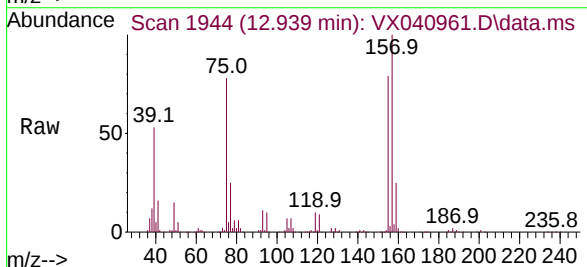
Tgt Ion: 75 Resp: 162893

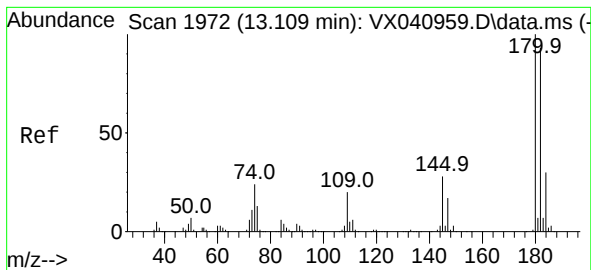
Ion Ratio Lower Upper

75 100

155 100.8 75.6 113.4

157 128.4 99.1 148.7





#69

1,3,5-Trichlorobenzene

Concen: 217.567 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 837128

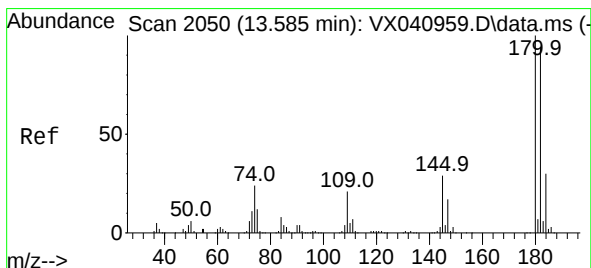
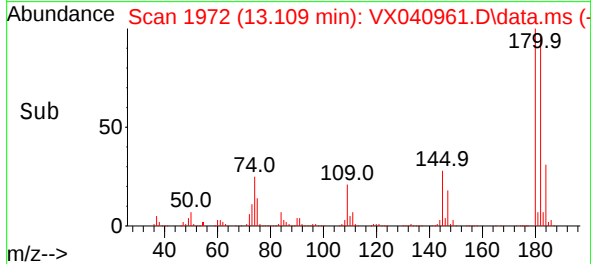
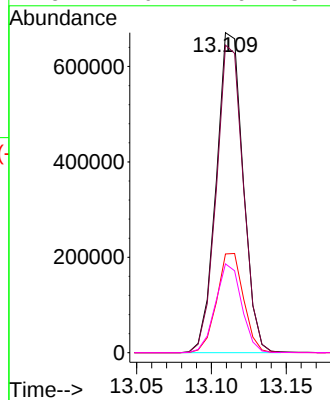
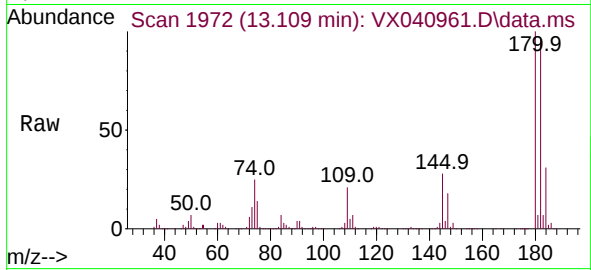
Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.6

184 31.1 24.4 36.6

145 27.0 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 222.759 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

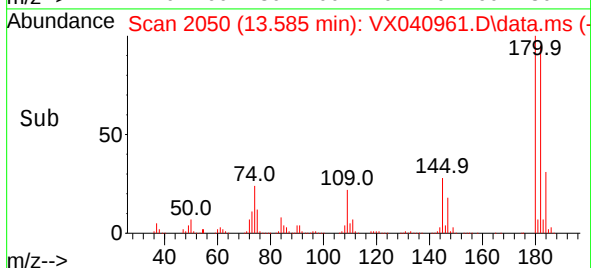
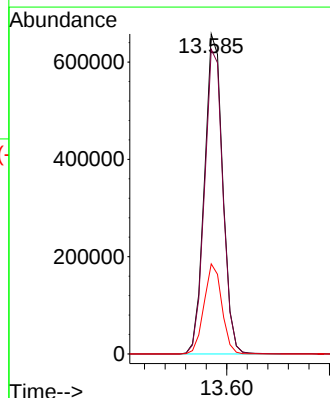
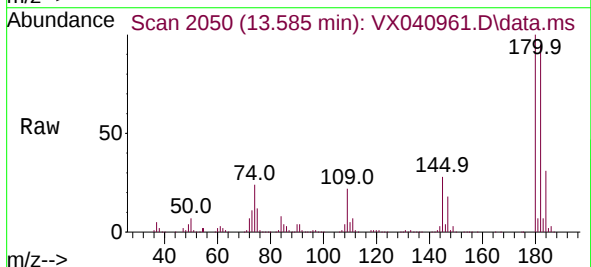
Tgt Ion:180 Resp: 812231

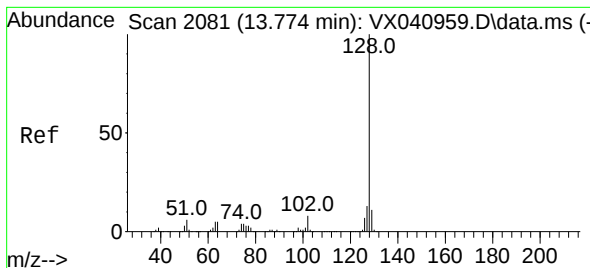
Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

145 27.5 22.3 33.5





#71

Naphthalene

Concen: 226.472 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :

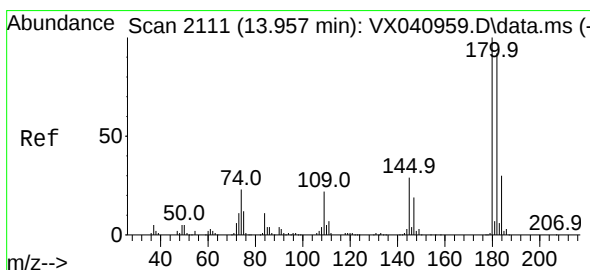
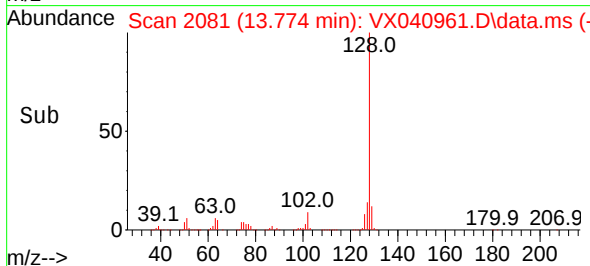
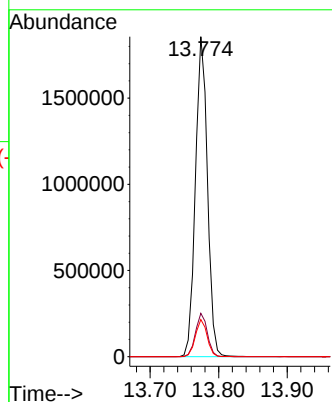
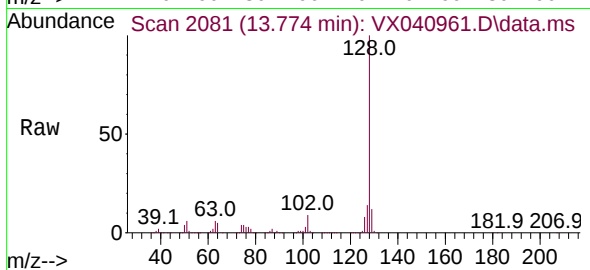
Tgt Ion:128 Resp: 2262920

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.3 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 220.538 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040961.D

Acq: 10 Apr 2024 17:38

Tgt Ion:180 Resp: 788650

Ion Ratio Lower Upper

180 100

182 96.5 77.0 115.6

145 29.2 23.4 35.2

