

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041024\
 Data File : VX040960.D
 Acq On : 10 Apr 2024 17:15
 Operator : JC/MD
 Sample : VSTD10071
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 05:28:03 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	289163	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	275769	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	163121	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	208629	101.437	ug/L	0.00
7) Chloroethane-d5	1.660	69	152593	90.857	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	89841	102.313	ug/L	0.00
21) 2-Butanone-d5	4.452	46	214873	191.792	ug/L	0.00
24) Chloroform-d	5.056	84	392373	102.245	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	246008	98.551	ug/L	0.00
32) Benzene-d6	5.970	84	758996	101.380	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	222349	101.832	ug/L	0.00
41) Toluene-d8	8.647	98	736767	100.732	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	118574	107.912	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	200722	217.358	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	335583	103.753	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	335687	102.588	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	200379	105.236	ug/L	99
3) Chloromethane	1.301	50	192470	106.484	ug/L	98
5) Vinyl chloride	1.374	62	224432	103.328	ug/L	98
6) Bromomethane	1.599	94	139368	106.127	ug/L	98
8) Chloroethane	1.685	64	143831	106.423	ug/L	96
9) Trichlorofluoromethane	1.886	101	356079	104.053	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	203287	103.945	ug/L	100
12) 1,1-Dichloroethene	2.319	96	181040	104.226	ug/L	96
13) Acetone	2.380	43	232436	191.415	ug/L	99
14) Carbon disulfide	2.514	76	463460	106.174	ug/L	100
15) Methyl Acetate	2.703	43	216381	102.645	ug/L	99
16) Methylene chloride	2.788	84	191327	105.680	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	186634	103.801	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	603060	106.857	ug/L	99
19) 1,1-Dichloroethane	3.611	63	332548	104.132	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	215853	105.373	ug/L	98
22) 2-Butanone	4.550	43	338140	212.733	ug/L	98
23) Bromochloromethane	4.904	128	116684	104.777	ug/L	96
25) Chloroform	5.093	83	364893	104.259	ug/L	100
27) 1,2-Dichloroethane	6.086	62	290817	103.382	ug/L	99
29) Cyclohexane	5.471	56	296459	107.309	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	326038	105.500	ug/L	100
31) Carbon tetrachloride	5.678	117	300991	106.877	ug/L	100
33) Benzene	6.038	78	742156	103.728	ug/L	100
34) Trichloroethene	7.123	95	213134	103.843	ug/L	99
35) Methylcyclohexane	7.379	83	310296	106.601	ug/L	99
37) 1,2-Dichloropropane	7.428	63	193376	104.415	ug/L	100
38) Bromodichloromethane	7.818	83	274455	105.711	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	331014	109.398	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	611676	218.085	ug/L	99
42) Toluene	8.720	91	827660	104.456	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	313503	110.869	ug/L	100

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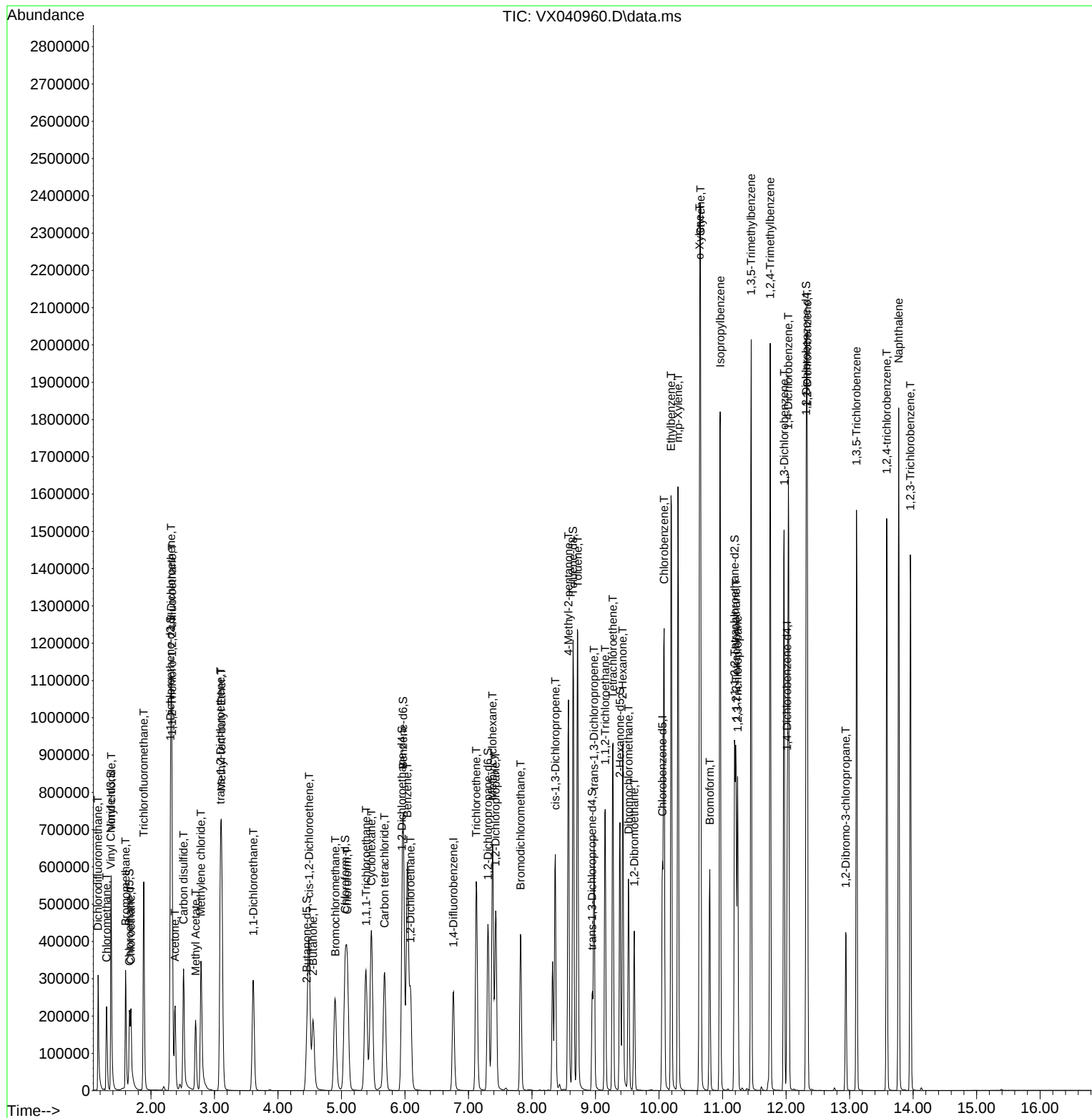
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	211556	105.165	ug/L	98
46) Tetrachloroethene	9.275	164	202373	104.690	ug/L	97
48) 2-Hexanone	9.427	43	486887	214.874	ug/L	98
49) Dibromochloromethane	9.519	129	248408	109.487	ug/L	99
50) 1,2-Dibromoethane	9.610	107	229757	105.873	ug/L	98
51) Chlorobenzene	10.079	112	579695	104.396	ug/L	99
52) Ethylbenzene	10.189	91	959978	106.781	ug/L	98
53) m,p-Xylene	10.299	106	384257	107.197	ug/L	97
54) o-Xylene	10.640	106	372789	107.840	ug/L	99
55) Styrene	10.653	104	651881	109.686	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	333545	107.019	ug/L	99
59) Bromoform	10.799	173	219349	109.569	ug/L	100
60) Isopropylbenzene	10.963	105	1003184	105.196	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	258517	103.788	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	836323	108.784	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	840672	108.635	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	531120	106.141	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	536599	104.460	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	513933	105.875	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	78434	110.109	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	407192	106.257	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	395244	108.838	ug/L	99
71) Naphthalene	13.774	128	1122932	112.838	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	378964	106.404	ug/L	99

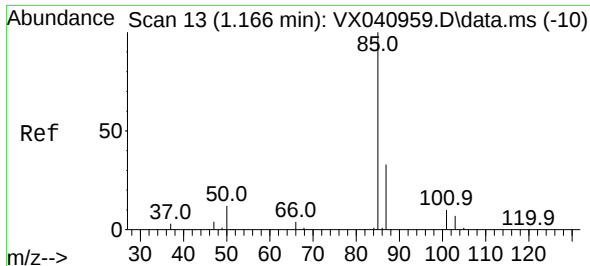
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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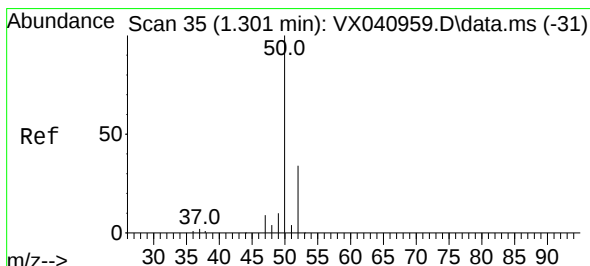
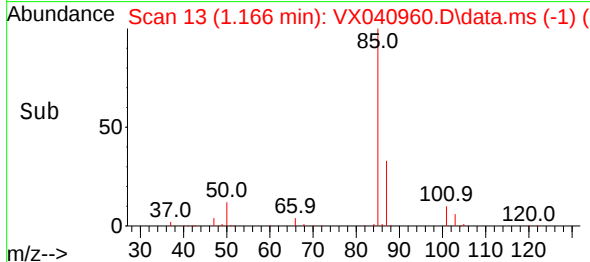
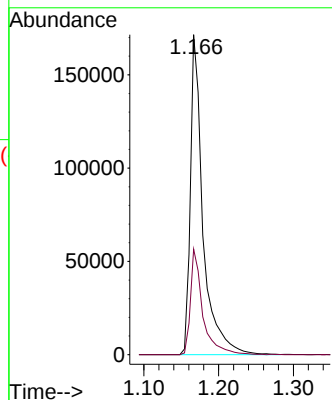
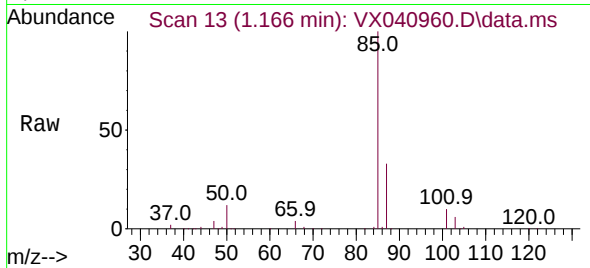




#2
 Dichlorodifluoromethane
 Concen: 105.236 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX040960.D
 Acq: 10 Apr 2024 17:15

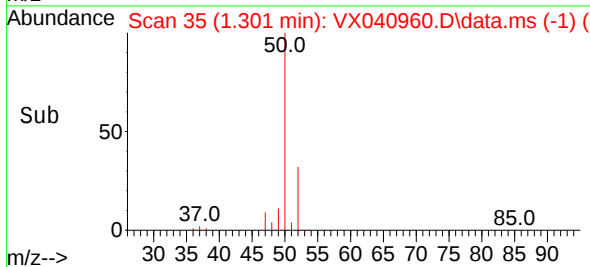
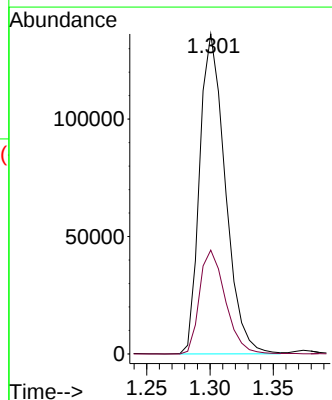
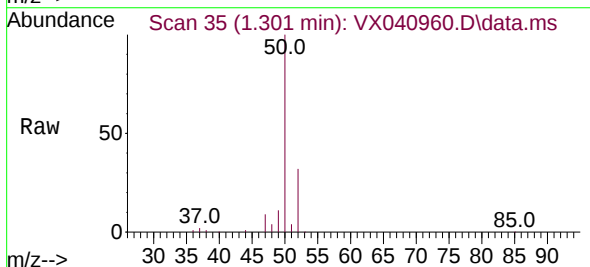
Instrument :
 MSVOA_X
 ClientSampleId :

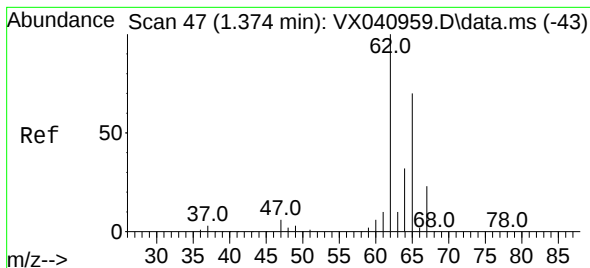
Tgt Ion: 85 Resp: 200379
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.2



#3
 Chloromethane
 Concen: 106.484 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: VX040960.D
 Acq: 10 Apr 2024 17:15

Tgt Ion: 50 Resp: 192470
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.5 43.7





#5

Vinyl chloride

Concen: 103.328 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

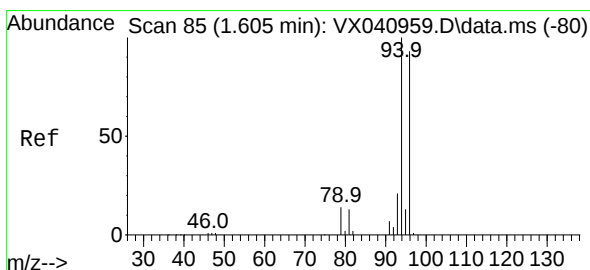
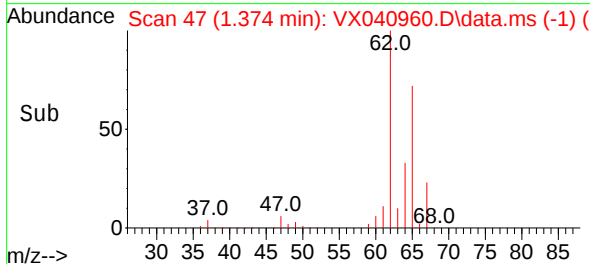
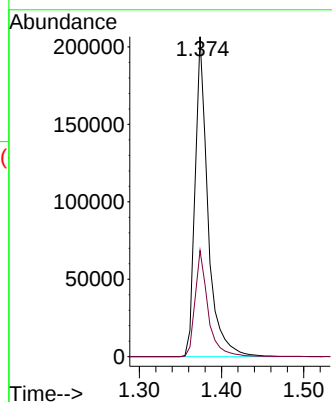
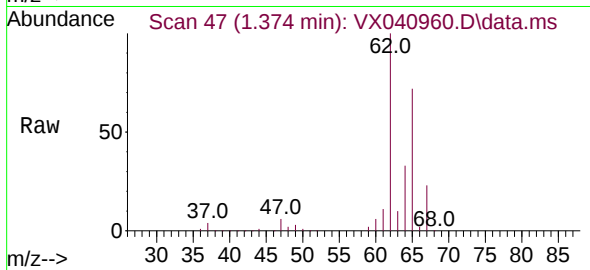
ClientSampleId :

Tgt Ion: 62 Resp: 224432

Ion Ratio Lower Upper

62 100

64 33.2 22.5 41.9



#6

Bromomethane

Concen: 106.127 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX040960.D

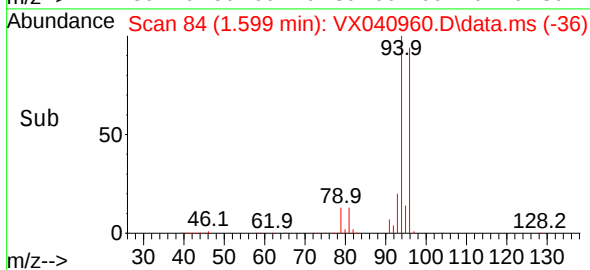
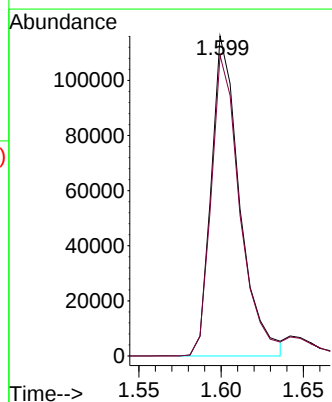
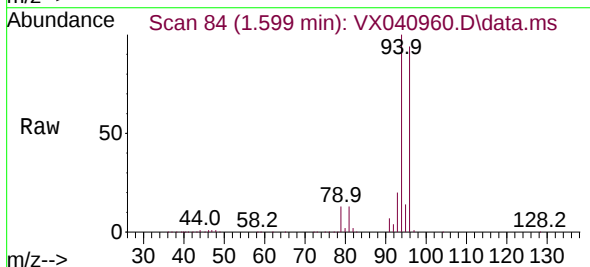
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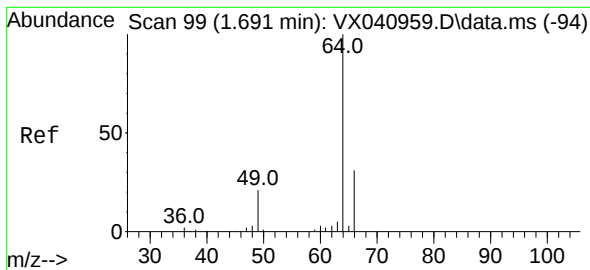
Tgt Ion: 94 Resp: 139368

Ion Ratio Lower Upper

94 100

96 93.9 64.8 120.3





#8

Chloroethane

Concen: 106.423 ug/L

RT: 1.685 min Scan# 99

Delta R.T. -0.006 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

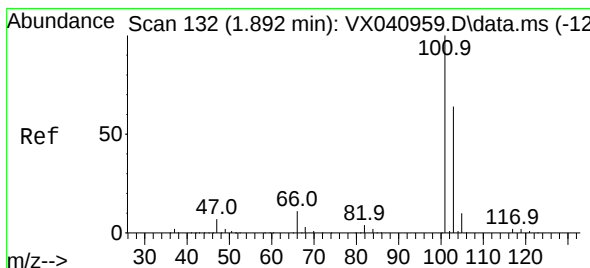
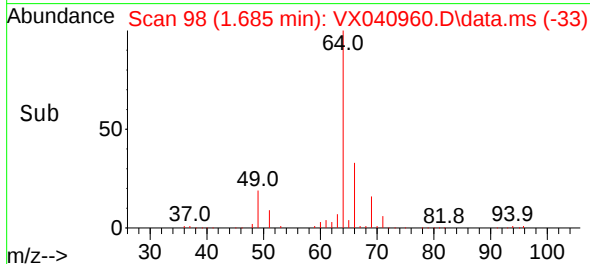
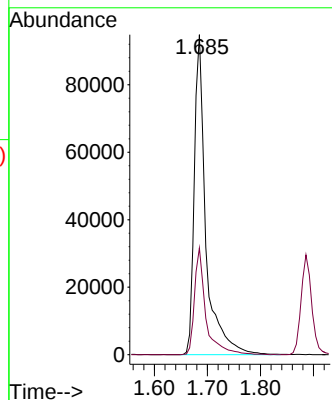
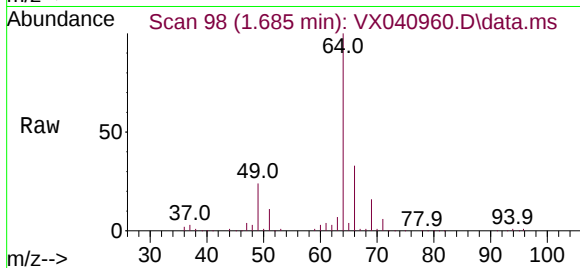
ClientSampleId :

Tgt Ion: 64 Resp: 143831

Ion Ratio Lower Upper

64 100

66 33.3 21.8 40.6



#9

Trichlorofluoromethane

Concen: 104.053 ug/L

RT: 1.886 min Scan# 131

Delta R.T. -0.006 min

Lab File: VX040960.D

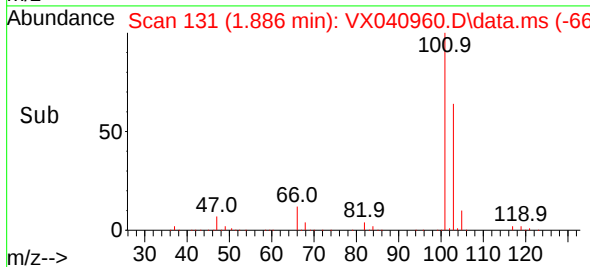
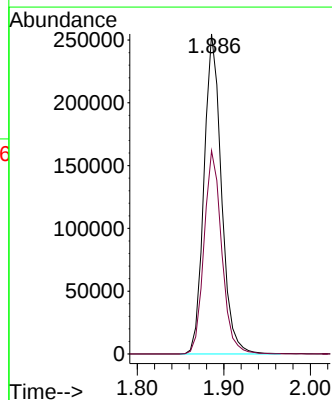
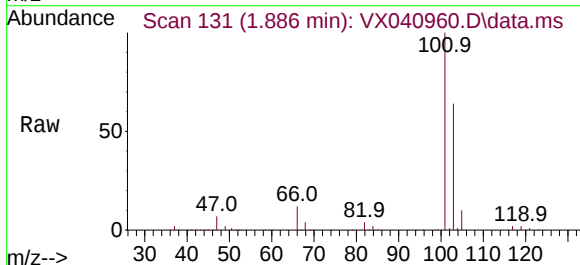
Acq: 10 Apr 2024 17:15

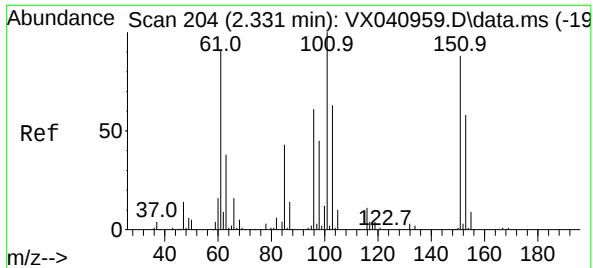
Tgt Ion:101 Resp: 356079

Ion Ratio Lower Upper

101 100

103 64.2 52.5 78.7





#10

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

Concen: 103.945 ug/L

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

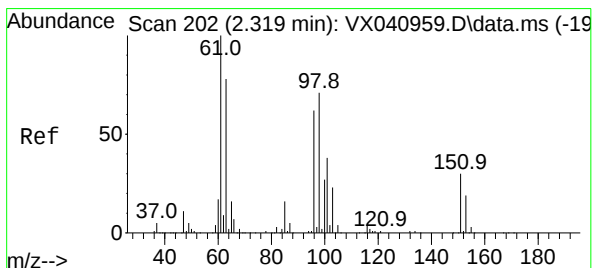
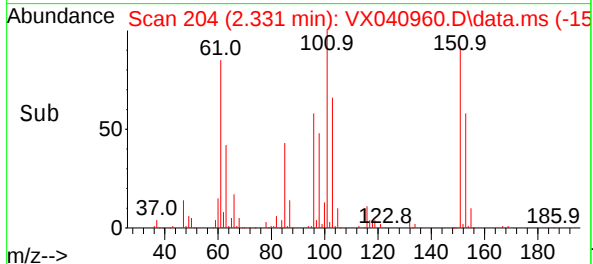
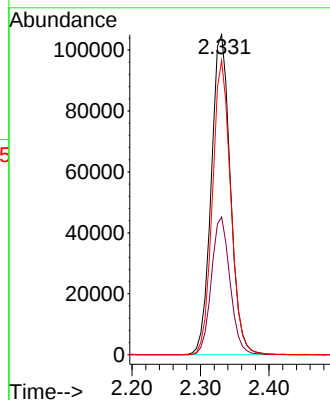
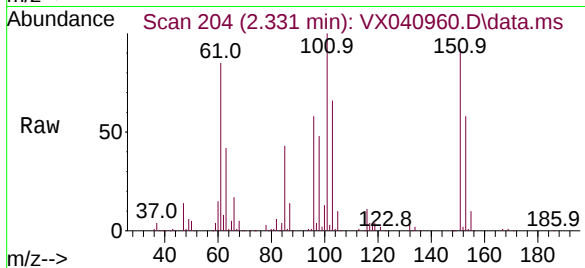
Tgt Ion:101 Resp: 203287

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

151 87.9 69.9 104.9



#12

1,1-Dichloroethene

Concen: 104.226 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

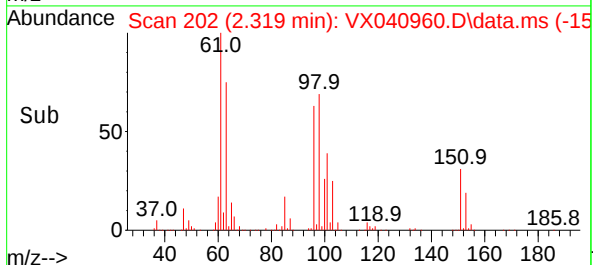
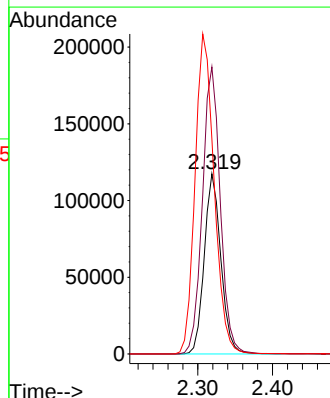
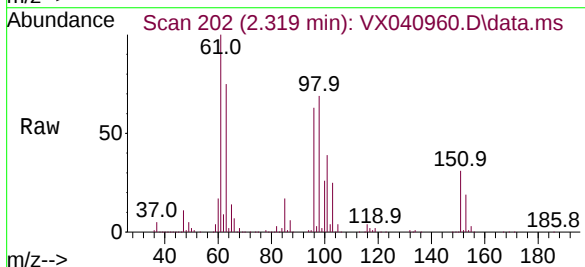
Tgt Ion: 96 Resp: 181040

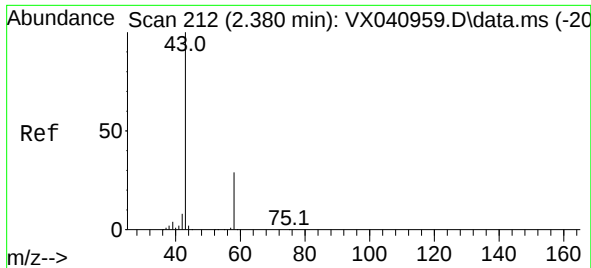
Ion Ratio Lower Upper

96 100

61 159.4 113.6 211.0

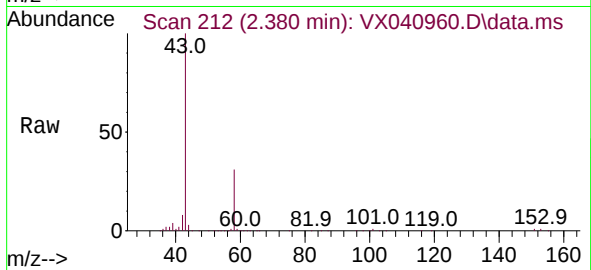
63 119.4 89.3 165.9



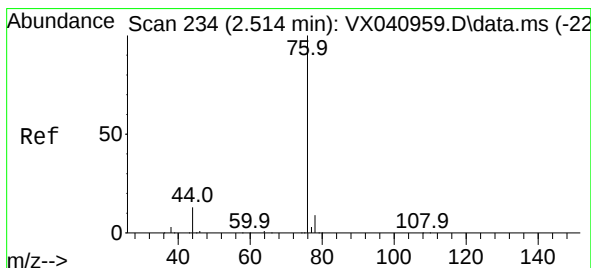
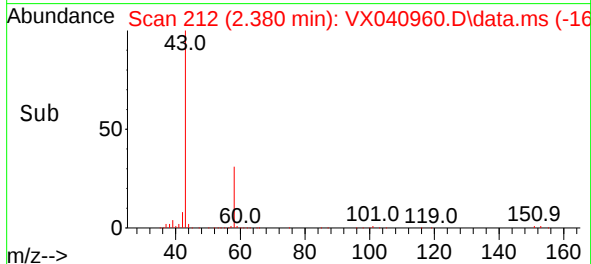
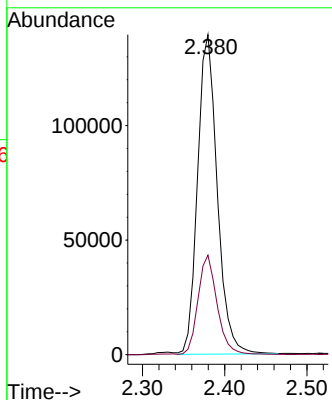


#13
Acetone
Concen: 191.415 ug/L
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040960.D
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ClientSampleId :

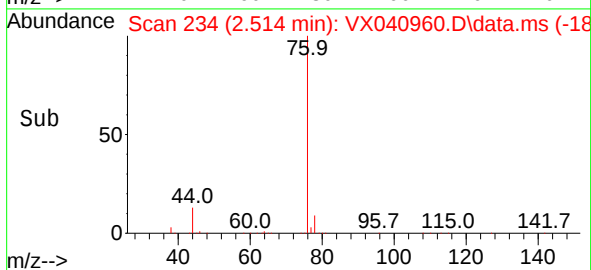
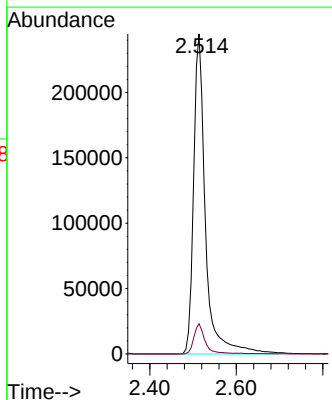
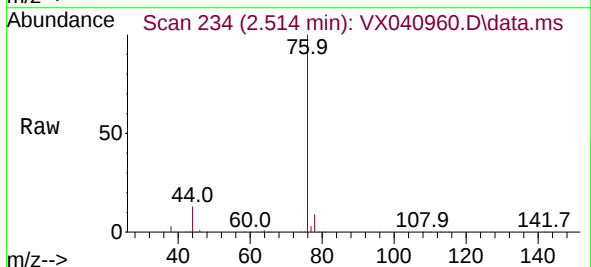


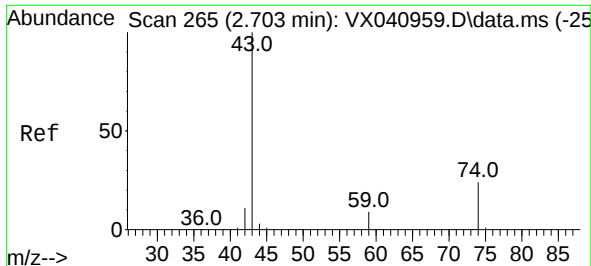
Tgt Ion: 43 Resp: 232436
Ion Ratio Lower Upper
43 100
58 30.4 0.0 59.4



#14
Carbon disulfide
Concen: 106.174 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

Tgt Ion: 76 Resp: 463460
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2





#15

Methyl Acetate

Concen: 102.645 ug/L

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

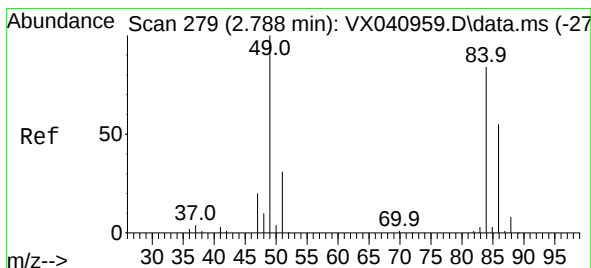
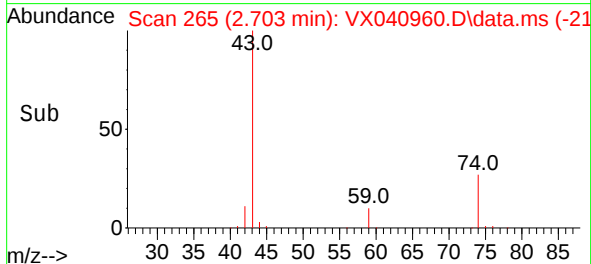
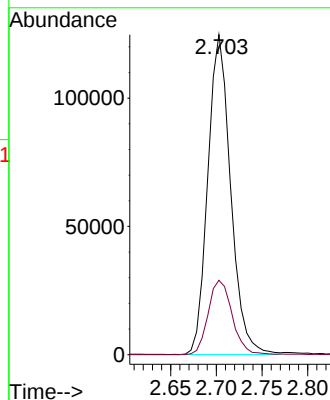
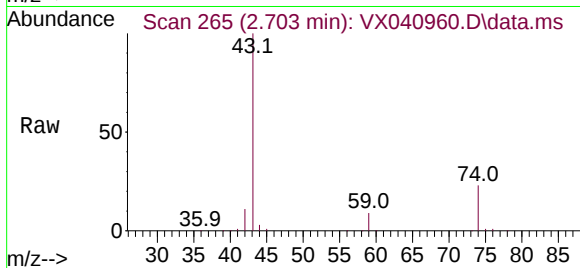
ClientSampleId :

Tgt Ion: 43 Resp: 216381

Ion Ratio Lower Upper

43 100

74 24.5 19.2 28.8



#16

Methylene chloride

Concen: 105.680 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

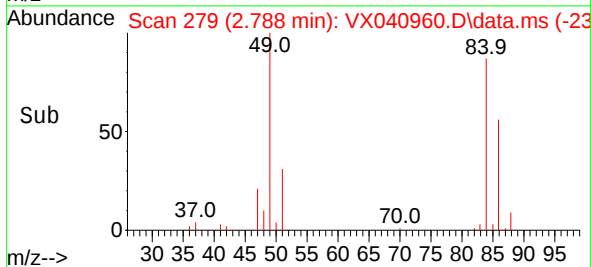
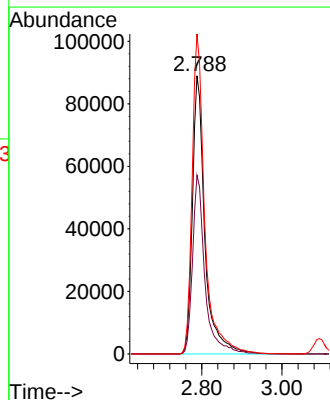
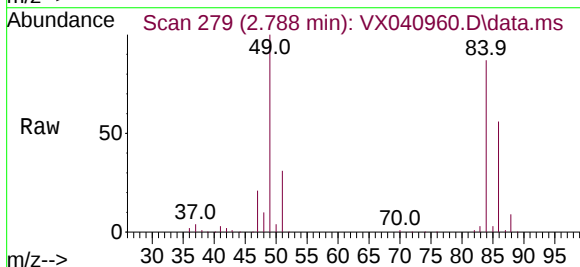
Tgt Ion: 84 Resp: 191327

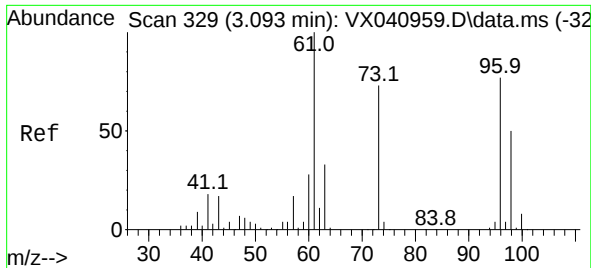
Ion Ratio Lower Upper

84 100

86 64.2 45.9 85.3

49 115.0 83.1 154.3

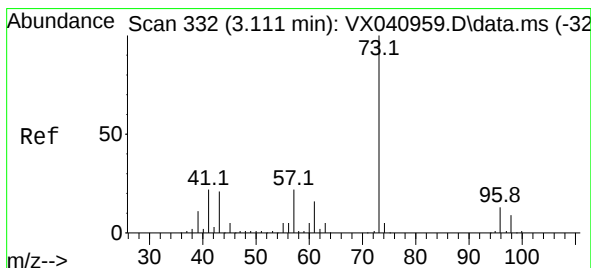
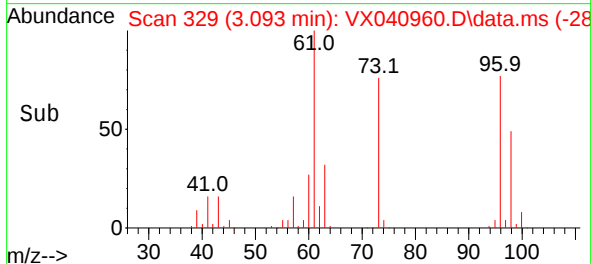
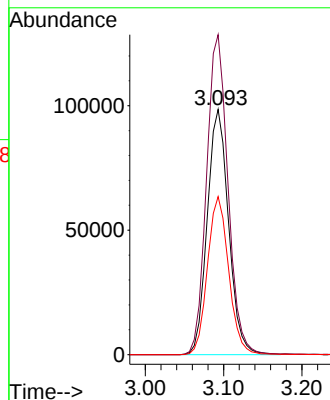
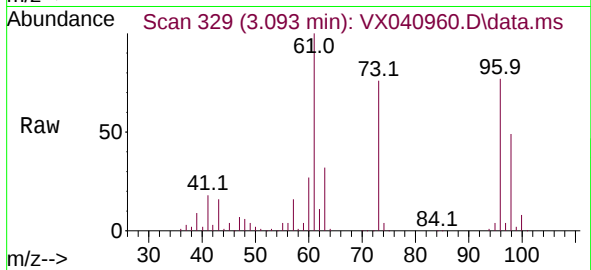




#17
trans-1,2-Dichloroethene
Concen: 103.801 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

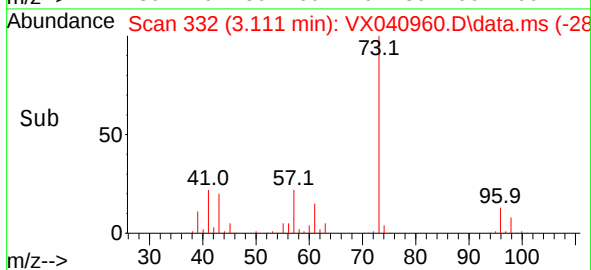
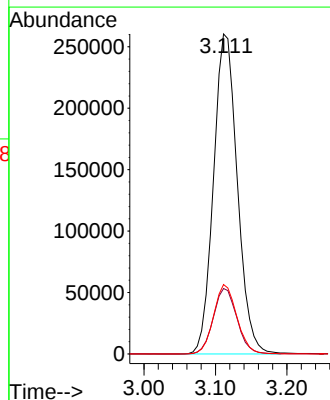
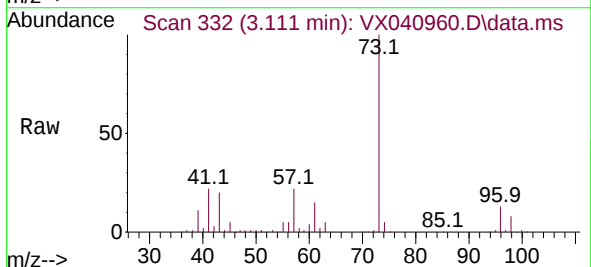
Instrument :
MSVOA_X
ClientSampleId :

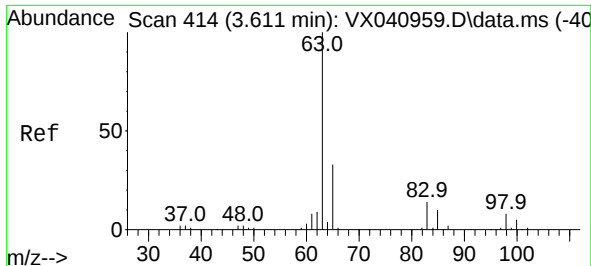
Tgt Ion: 96 Resp: 186634
Ion Ratio Lower Upper
96 100
61 130.5 91.4 169.8
98 64.4 45.6 84.6



#18
Methyl tert-butyl Ether
Concen: 106.857 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

Tgt Ion: 73 Resp: 603060
Ion Ratio Lower Upper
73 100
43 20.4 16.6 25.0
57 21.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 104.132 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

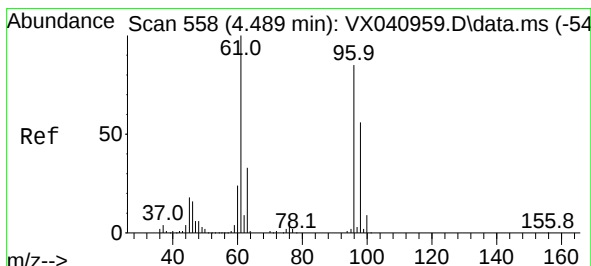
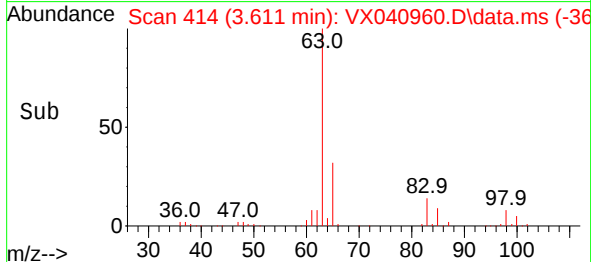
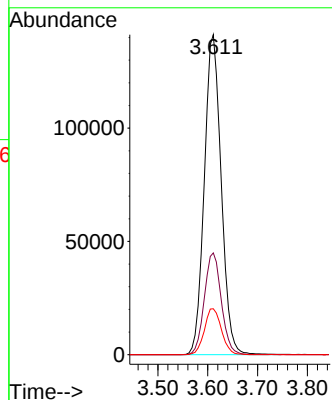
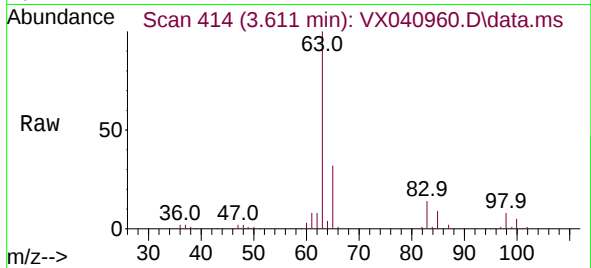
Tgt Ion: 63 Resp: 332548

Ion Ratio Lower Upper

63 100

65 31.8 22.9 42.5

83 14.4 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 105.373 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

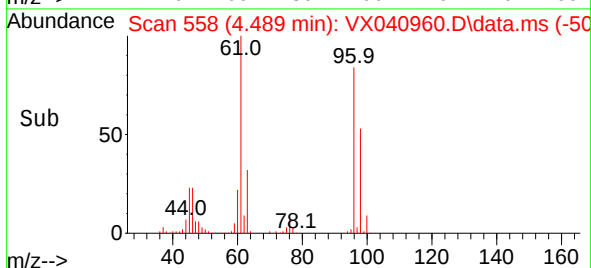
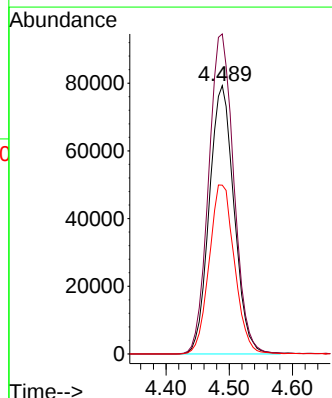
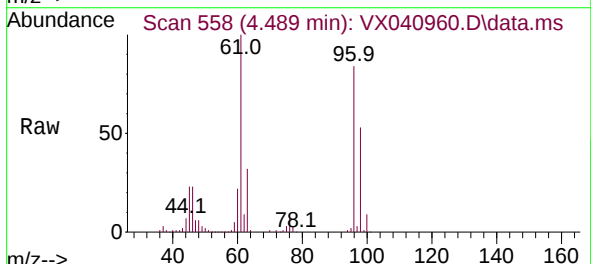
Tgt Ion: 96 Resp: 215853

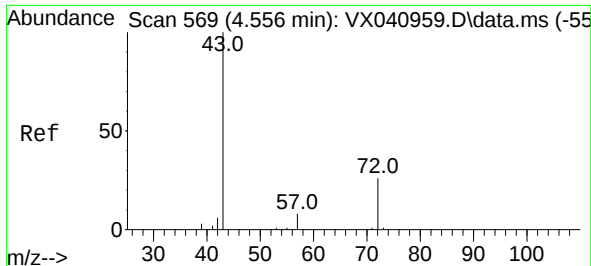
Ion Ratio Lower Upper

96 100

61 119.3 82.6 153.4

98 62.9 46.0 85.4

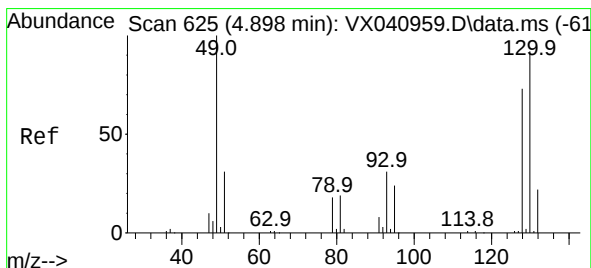
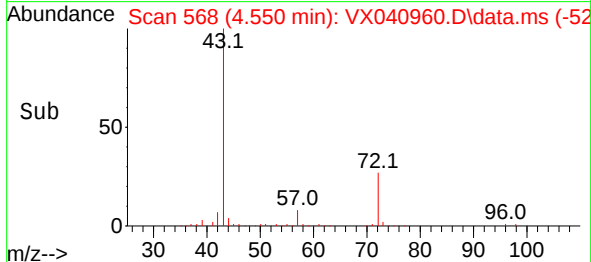
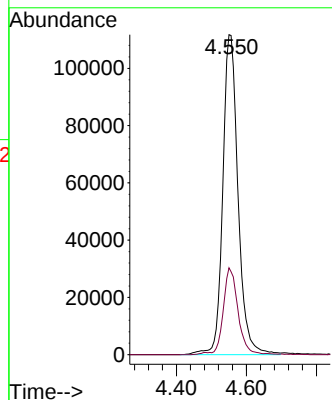
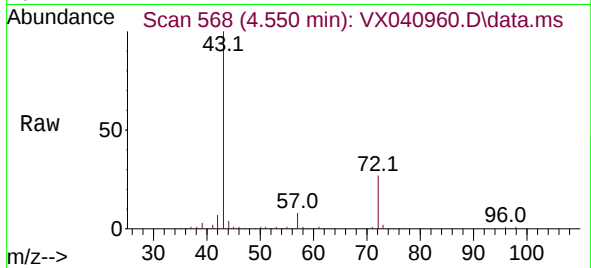




#22
2-Butanone
Concen: 212.733 ug/L
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

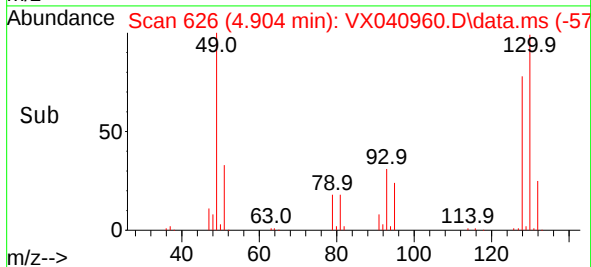
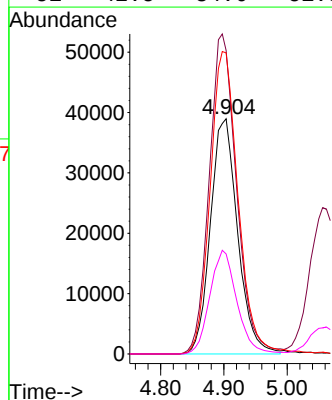
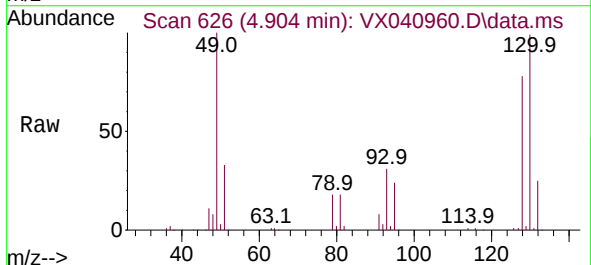
Instrument :
MSVOA_X
ClientSampleId :

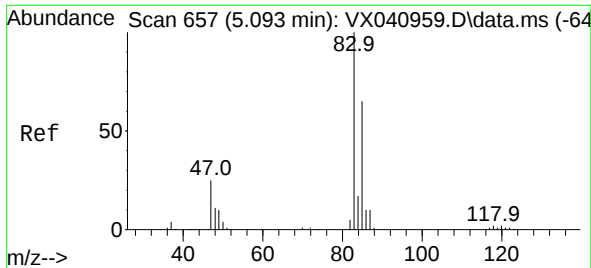
Tgt Ion: 43 Resp: 338140
Ion Ratio Lower Upper
43 100
72 25.6 13.2 39.6



#23
Bromochloromethane
Concen: 104.777 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

Tgt Ion:128 Resp: 116684
Ion Ratio Lower Upper
128 100
49 129.0 96.4 179.0
130 128.0 87.9 163.3
51 42.5 34.6 51.8

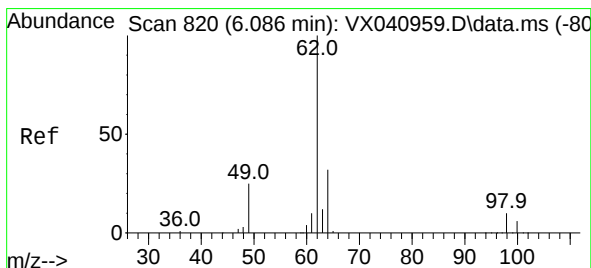
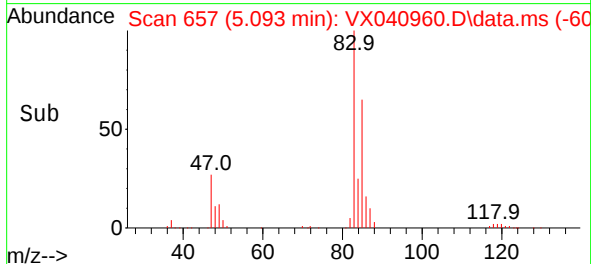
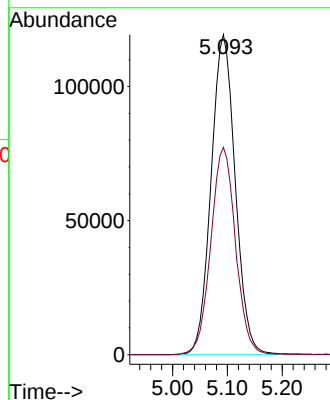
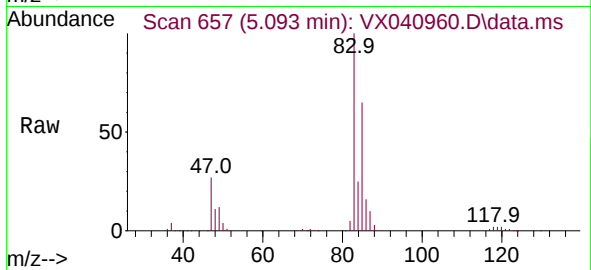




#25
Chloroform
Concen: 104.259 ug/L
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

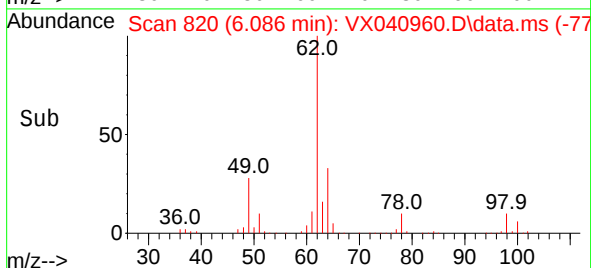
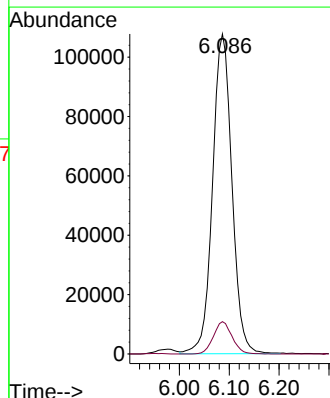
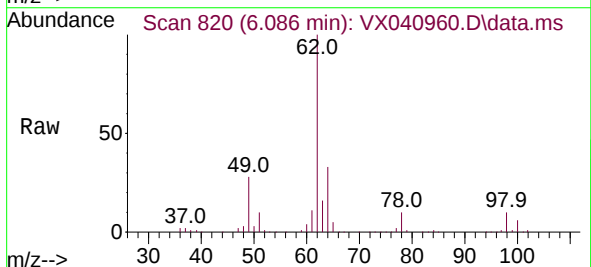
Instrument :
MSVOA_X
ClientSampleId :

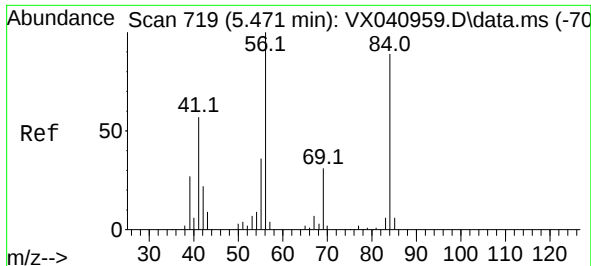
Tgt Ion: 83 Resp: 364893
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.4



#27
1,2-Dichloroethane
Concen: 103.382 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

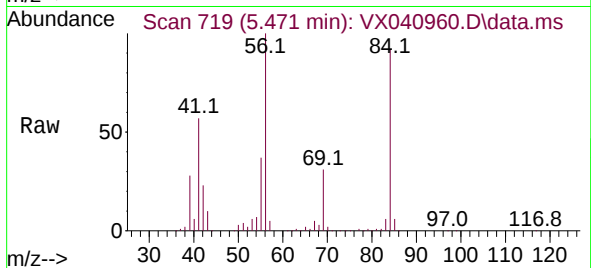
Tgt Ion: 62 Resp: 290817
Ion Ratio Lower Upper
62 100
98 10.1 7.7 11.5



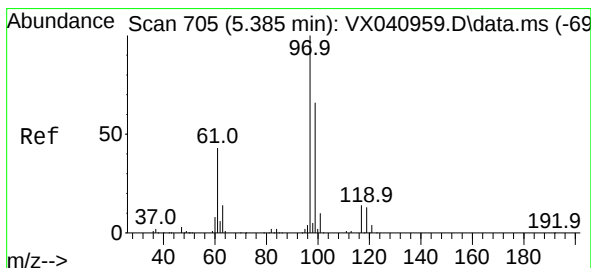
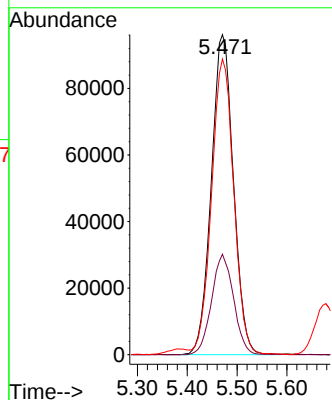
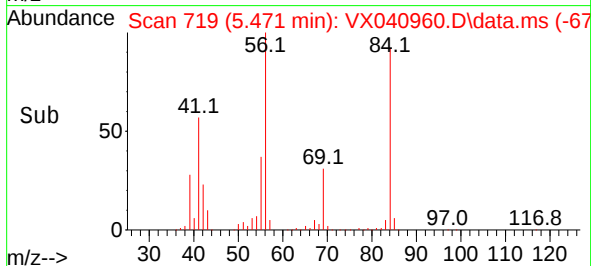


#29
Cyclohexane
Concen: 107.309 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

Instrument :
MSVOA_X
ClientSampleId :

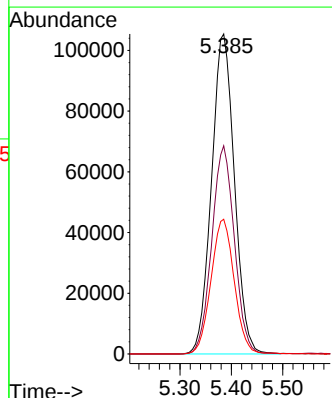
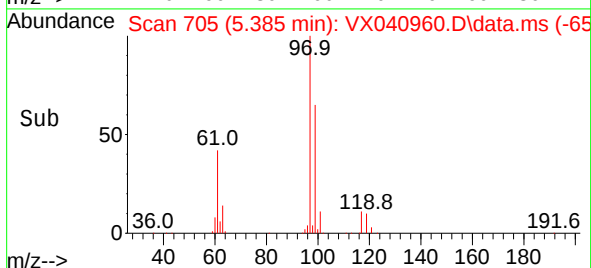
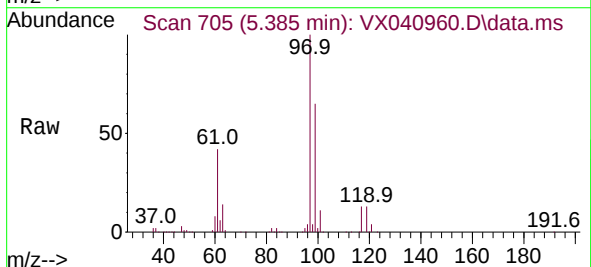


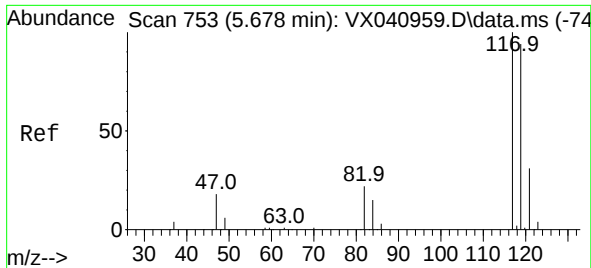
Tgt Ion: 56 Resp: 296459
Ion Ratio Lower Upper
56 100
69 31.1 25.0 37.4
84 91.8 74.9 112.3



#30
1,1,1-Trichloroethane
Concen: 105.500 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

Tgt Ion: 97 Resp: 326038
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 42.7 34.0 51.0

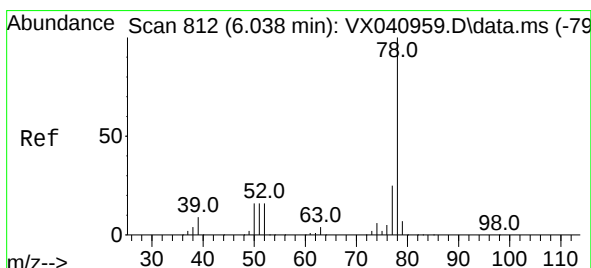
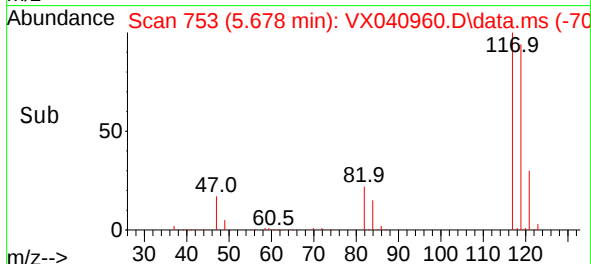
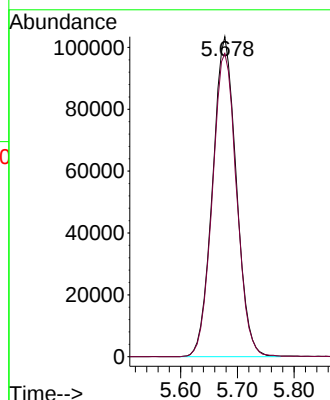
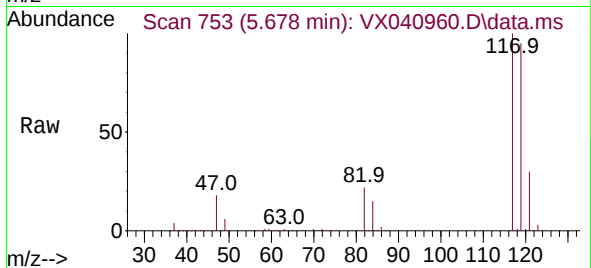




#31
Carbon tetrachloride
Concen: 106.877 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

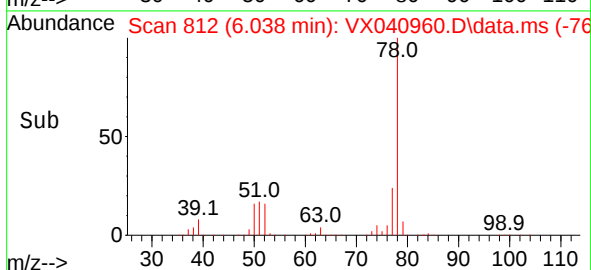
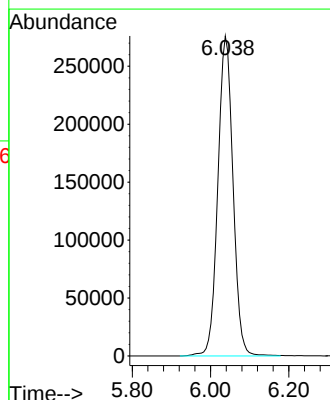
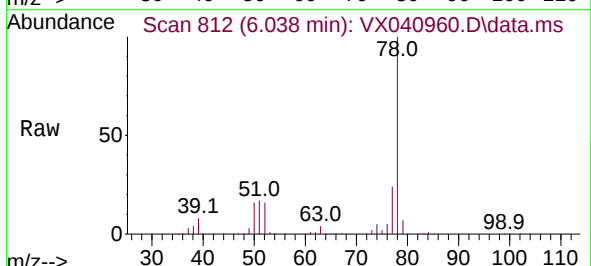
Instrument :
MSVOA_X
ClientSampleId :

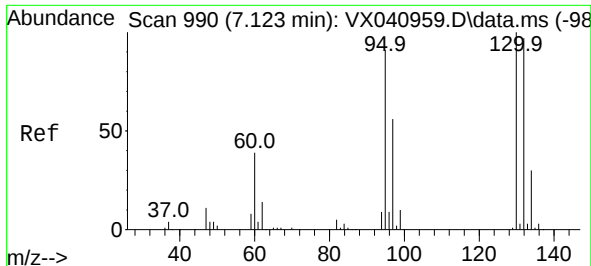
Tgt Ion:117 Resp: 300991
Ion Ratio Lower Upper
117 100
119 96.4 76.8 115.2



#33
Benzene
Concen: 103.728 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

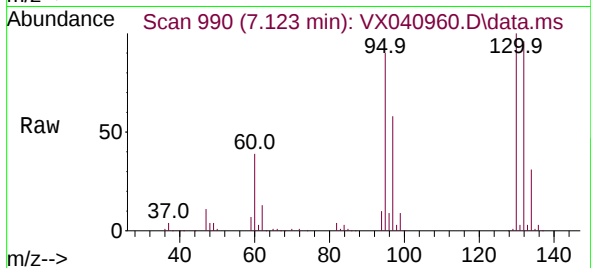
Tgt Ion: 78 Resp: 742156



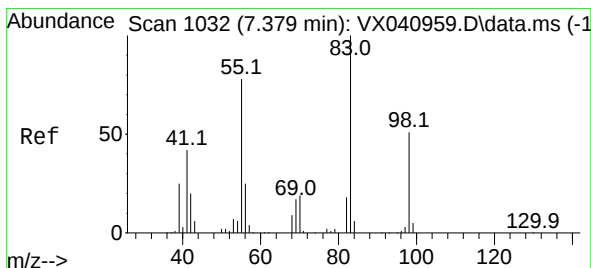
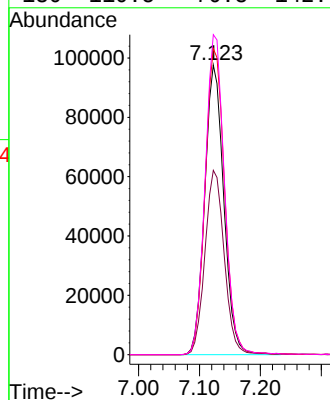
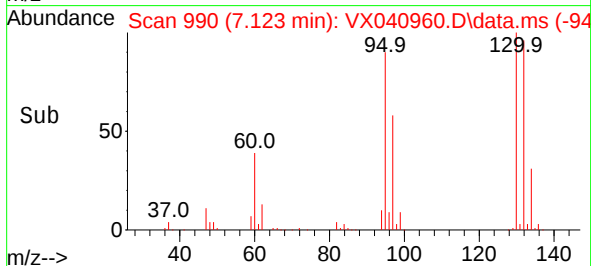


#34
Trichloroethene
Concen: 103.843 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

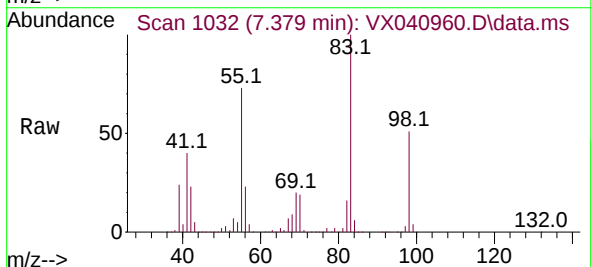
Instrument :
MSVOA_X
ClientSampleId :



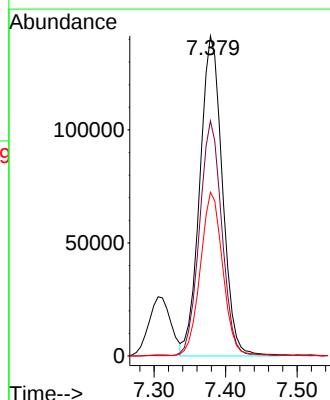
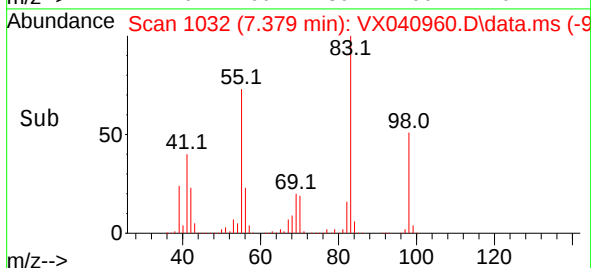
Tgt Ion: 95 Resp: 213134
Ion Ratio Lower Upper
95 100
97 63.7 43.2 80.2
132 105.7 74.3 138.1
130 110.5 76.8 142.6

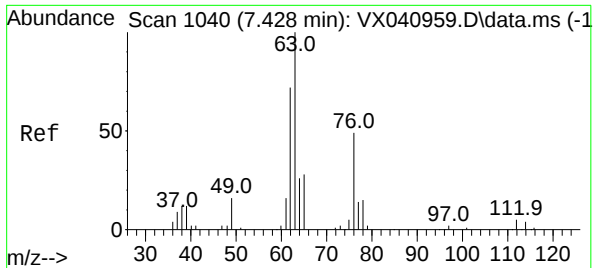


#35
Methylcyclohexane
Concen: 106.601 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15



Tgt Ion: 83 Resp: 310296
Ion Ratio Lower Upper
83 100
55 72.6 58.9 88.3
98 51.2 40.9 61.3

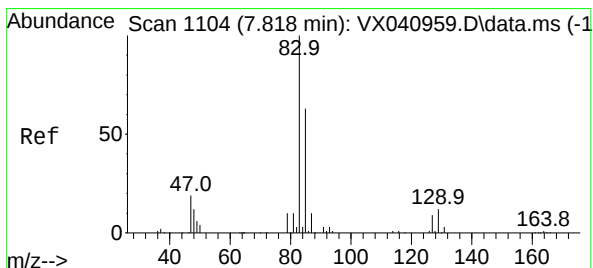
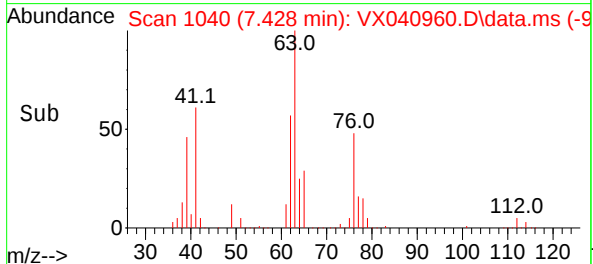
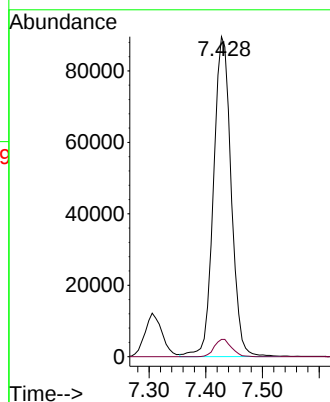
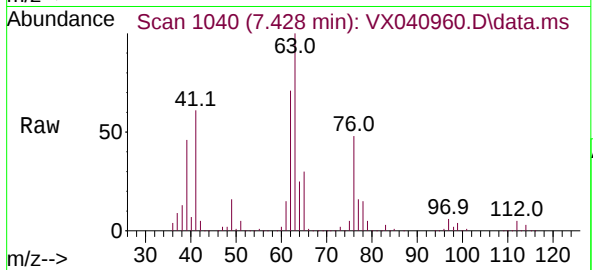




#37
1,2-Dichloropropane
Concen: 104.415 ug/L
RT: 7.428 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

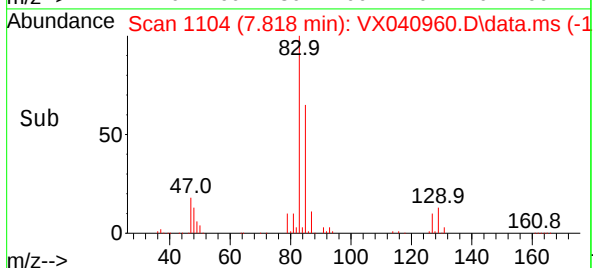
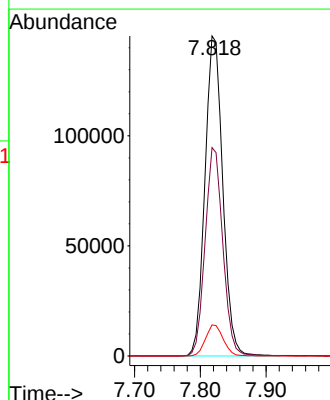
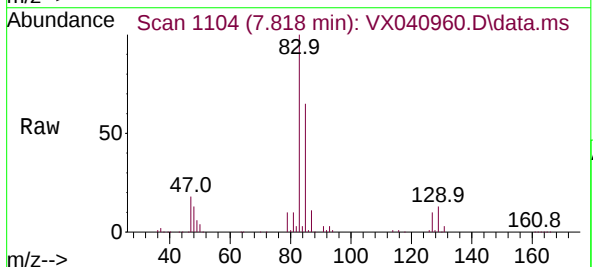
Instrument :
MSVOA_X
ClientSampleId :

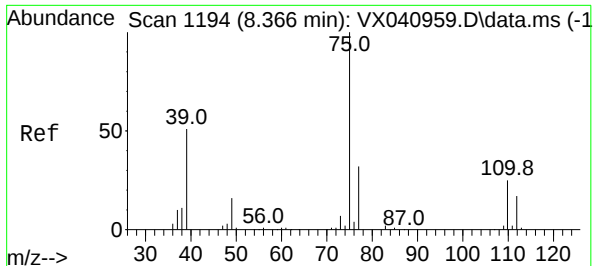
Tgt Ion: 63 Resp: 193376
Ion Ratio Lower Upper
63 100
112 5.3 4.2 6.2



#38
Bromodichloromethane
Concen: 105.711 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

Tgt Ion: 83 Resp: 274455
Ion Ratio Lower Upper
83 100
85 65.1 44.3 82.3
127 9.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 109.398 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

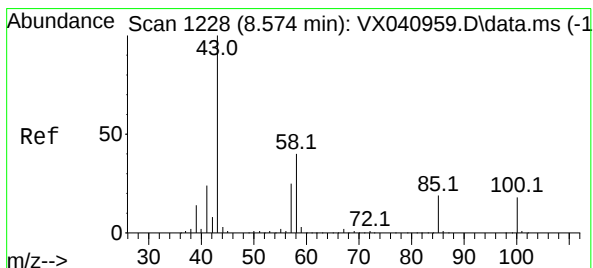
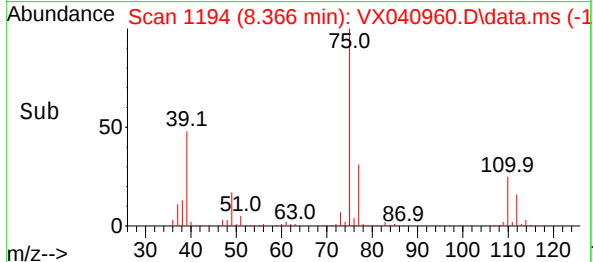
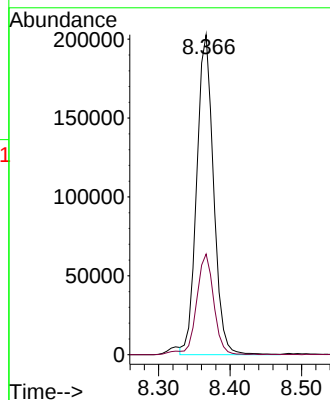
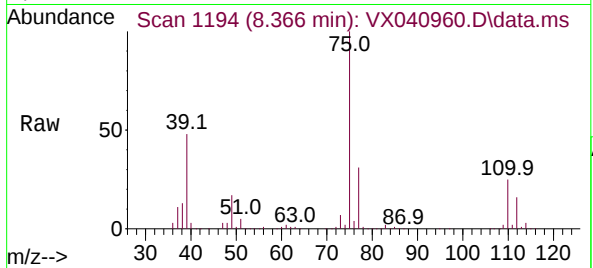
ClientSampleId :

Tgt Ion: 75 Resp: 331014

Ion Ratio Lower Upper

75 100

77 31.5 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 218.085 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

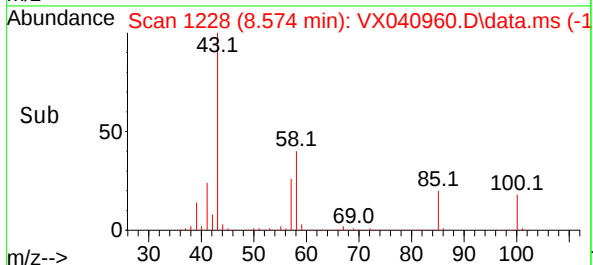
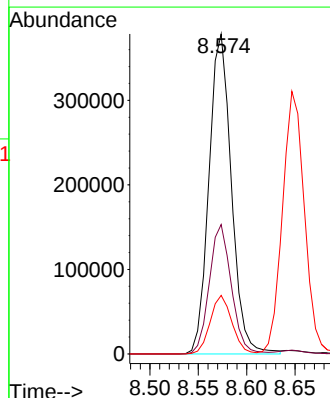
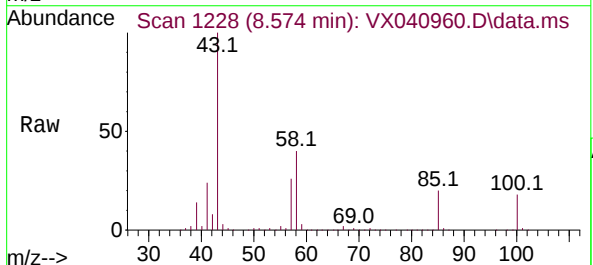
Tgt Ion: 43 Resp: 611676

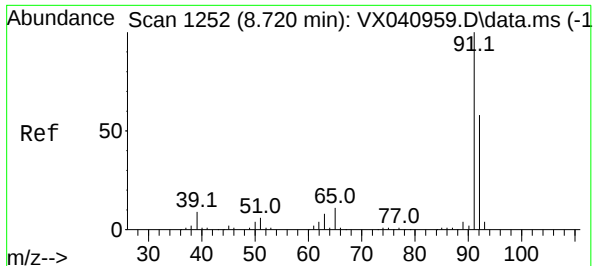
Ion Ratio Lower Upper

43 100

58 39.7 31.1 46.7

100 17.7 14.2 21.2





#42

Toluene

Concen: 104.456 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

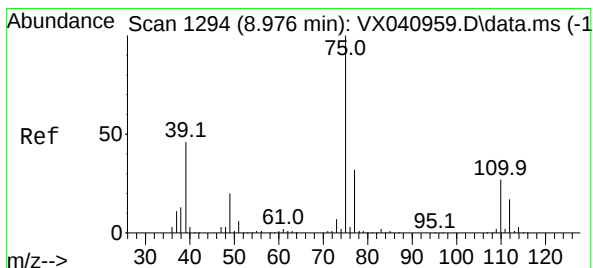
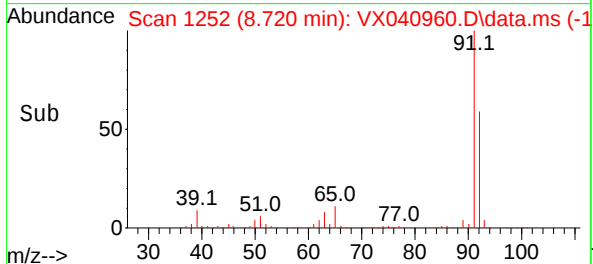
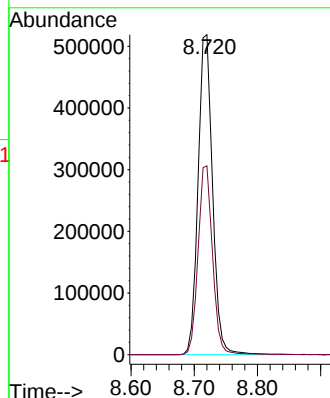
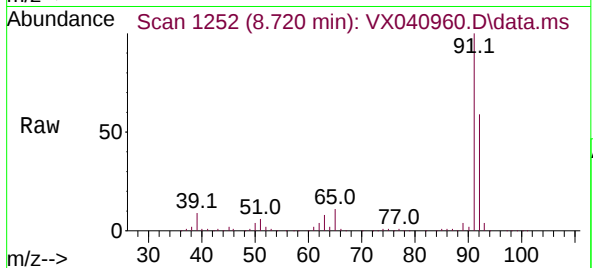
ClientSampleId :

Tgt Ion: 91 Resp: 827660

Ion Ratio Lower Upper

91 100

92 59.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 110.869 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX040960.D

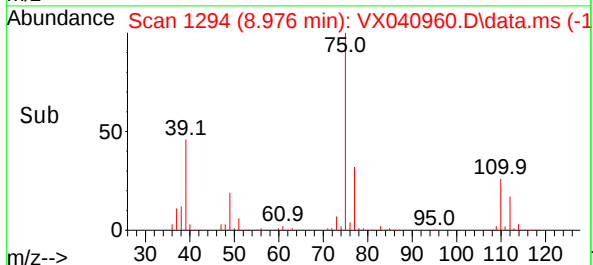
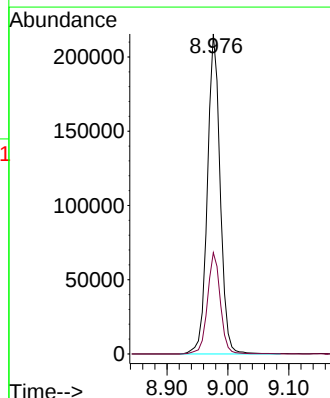
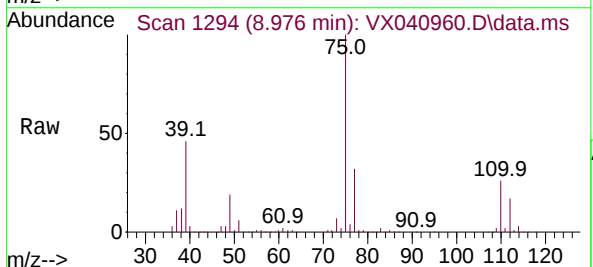
Acq: 10 Apr 2024 17:15

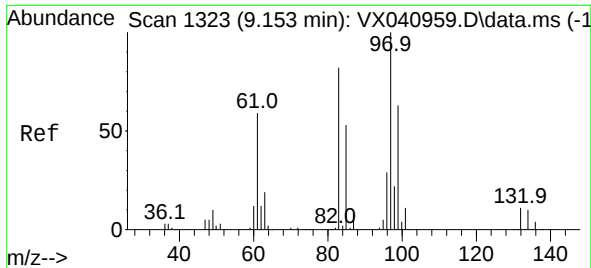
Tgt Ion: 75 Resp: 313503

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 105.165 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

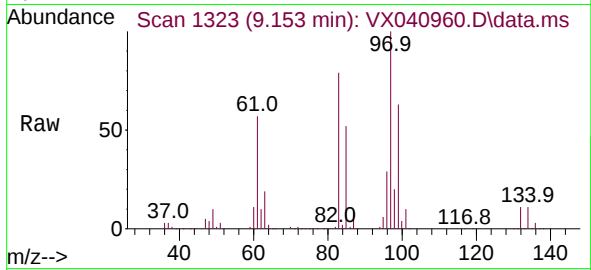
Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 97 Resp: 211556

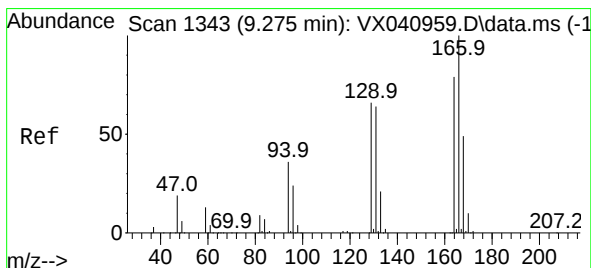
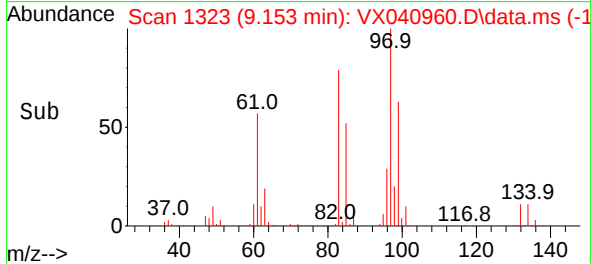
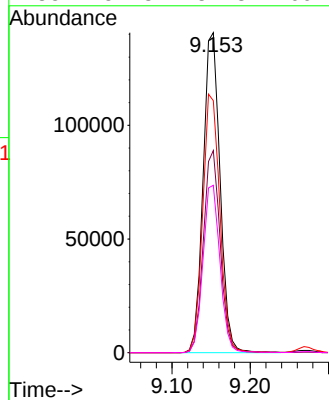
Ion Ratio Lower Upper

97 100

99 63.2 44.1 81.9

83 78.7 57.2 106.2

85 52.3 37.3 69.3



#46

Tetrachloroethene

Concen: 104.690 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Tgt Ion:164 Resp: 202373

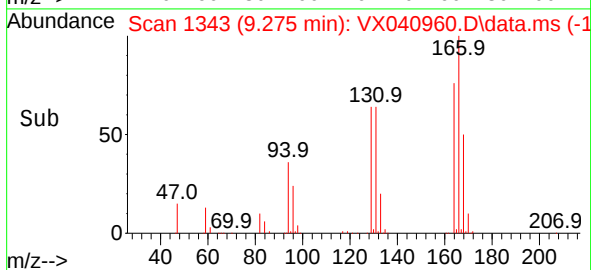
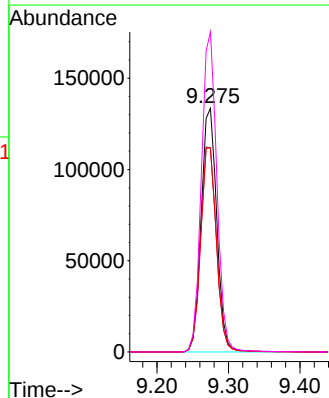
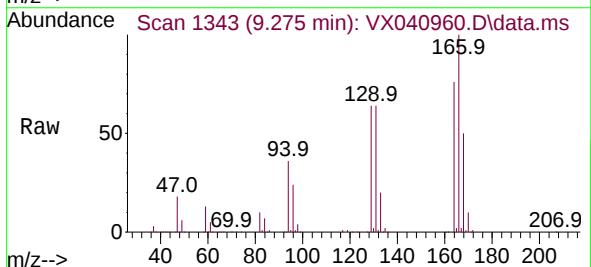
Ion Ratio Lower Upper

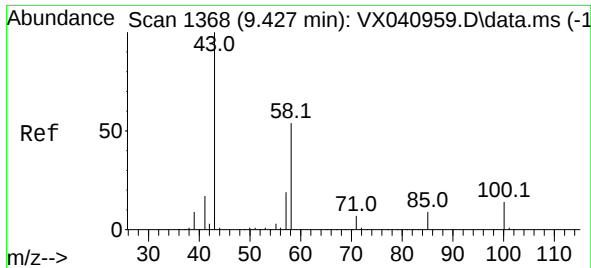
164 100

129 83.8 58.9 109.5

131 83.6 56.6 105.2

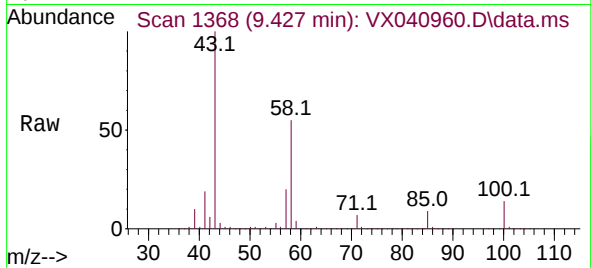
166 131.3 88.8 164.8



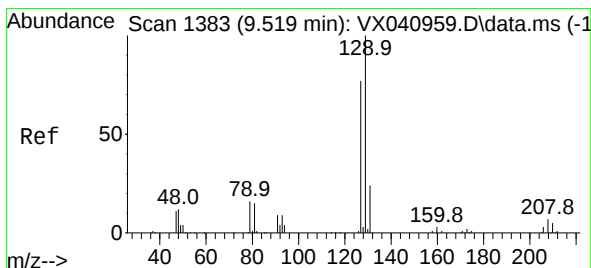
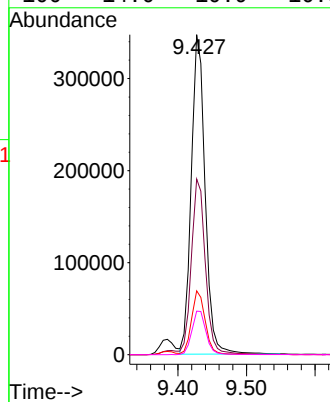
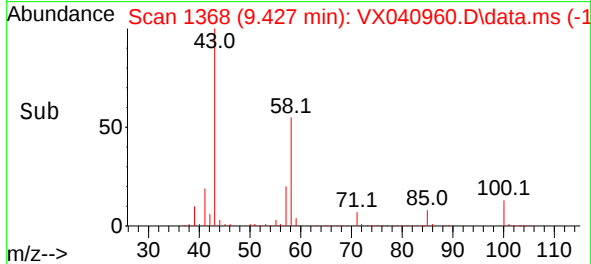


#48
2-Hexanone
Concen: 214.874 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

Instrument :
MSVOA_X
ClientSampleId :

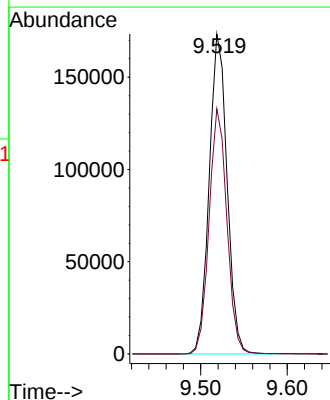
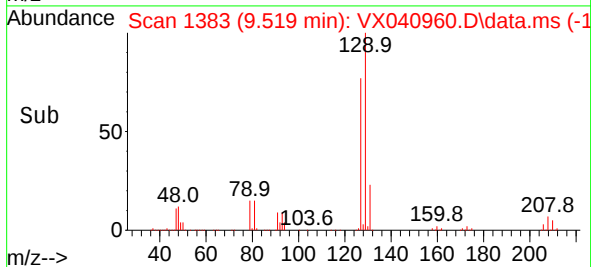
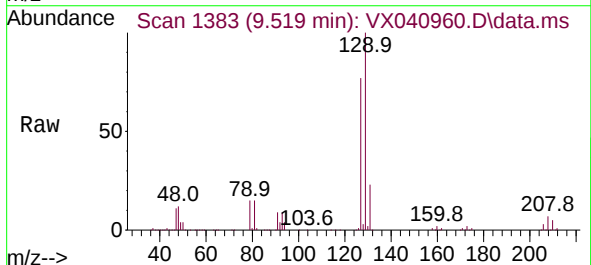


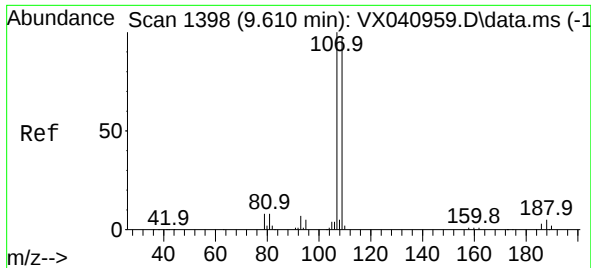
Tgt Ion: 43 Resp: 486887
Ion Ratio Lower Upper
43 100
58 56.1 43.2 64.8
57 20.0 15.4 23.2
100 14.0 10.9 16.3



#49
Dibromochloromethane
Concen: 109.487 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040960.D
Acq: 10 Apr 2024 17:15

Tgt Ion: 129 Resp: 248408
Ion Ratio Lower Upper
129 100
127 76.6 54.0 100.2





#50

1,2-Dibromoethane

Concen: 105.873 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

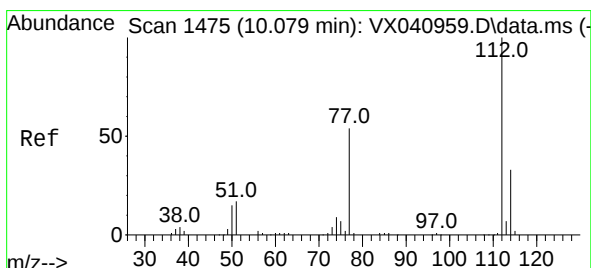
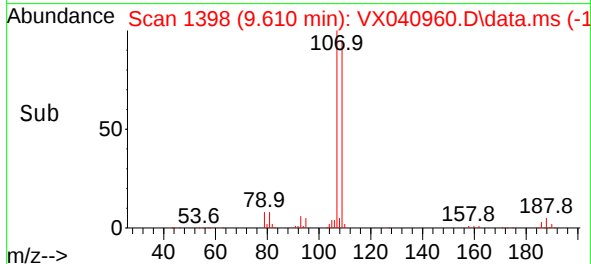
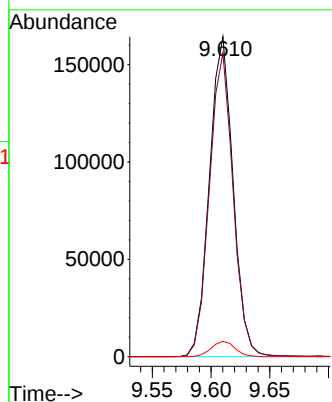
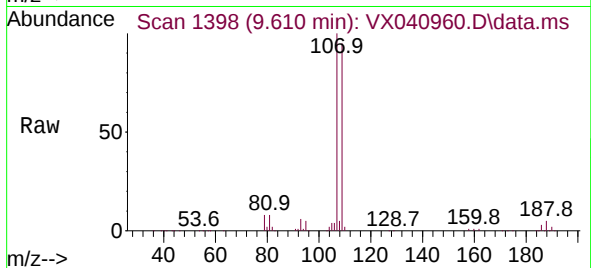
Tgt Ion:107 Resp: 229757

Ion Ratio Lower Upper

107 100

109 94.9 67.7 125.7

188 4.8 3.8 5.6



#51

Chlorobenzene

Concen: 104.396 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

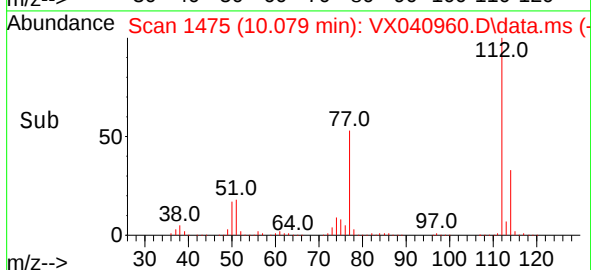
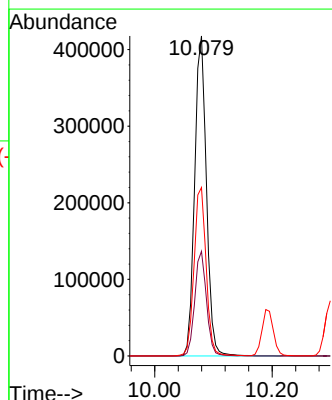
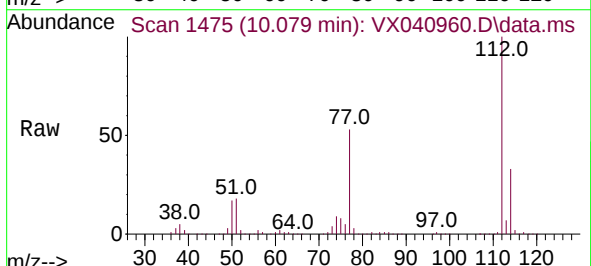
Tgt Ion:112 Resp: 579695

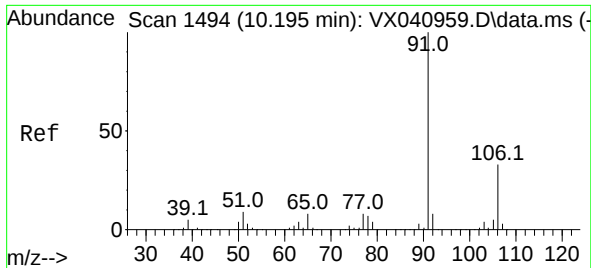
Ion Ratio Lower Upper

112 100

114 32.7 23.0 42.8

77 52.6 43.4 65.0





#52

Ethylbenzene

Concen: 106.781 ug/L

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

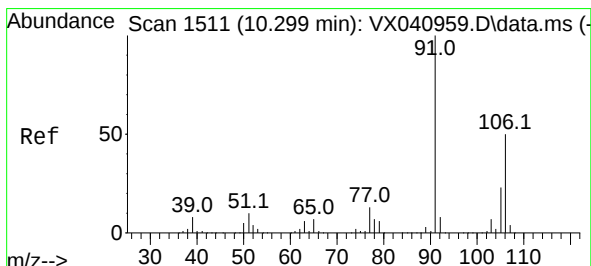
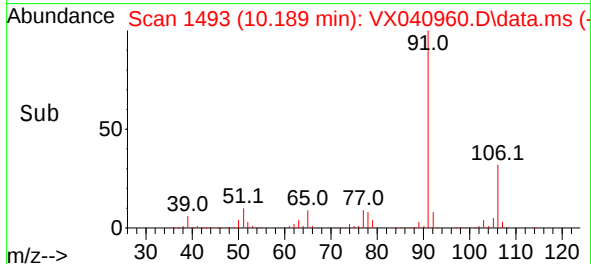
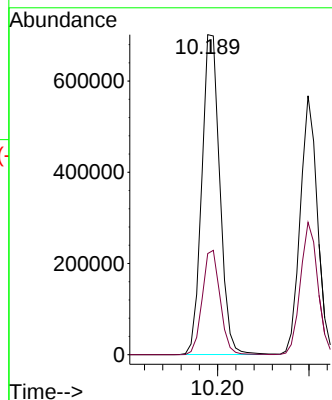
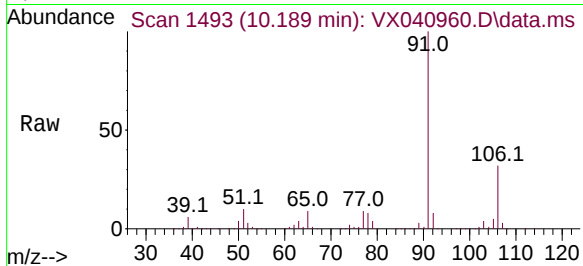
ClientSampleId :

Tgt Ion: 91 Resp: 959978

Ion Ratio Lower Upper

91 100

106 31.6 23.0 42.8



#53

m,p-Xylene

Concen: 107.197 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040960.D

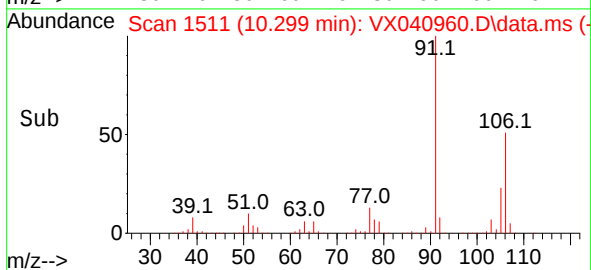
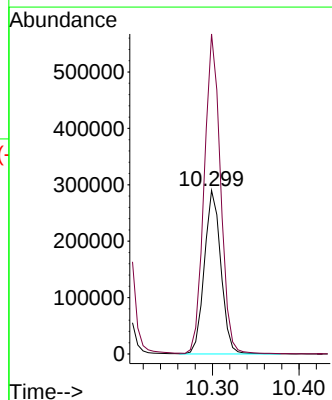
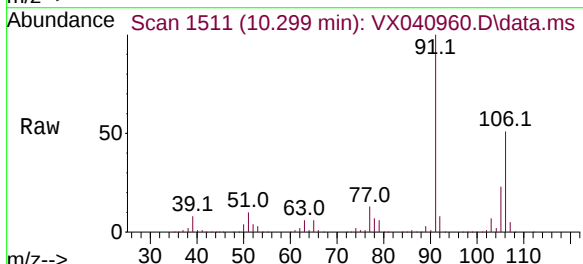
Acq: 10 Apr 2024 17:15

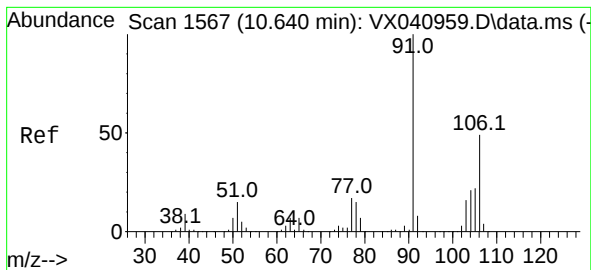
Tgt Ion:106 Resp: 384257

Ion Ratio Lower Upper

106 100

91 195.7 140.4 260.8





#54

o-Xylene

Concen: 107.840 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

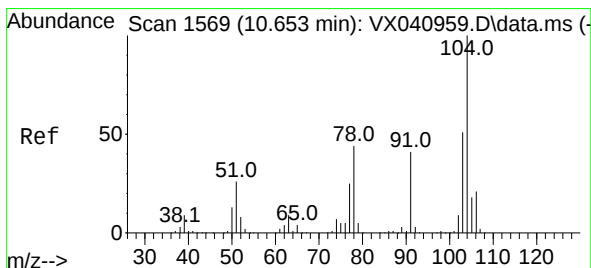
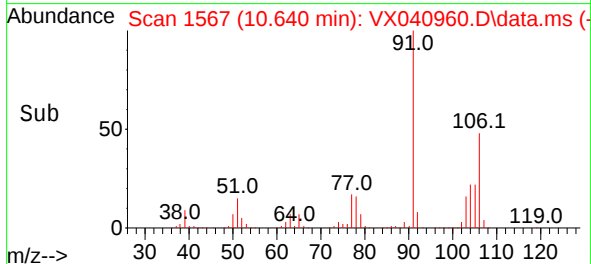
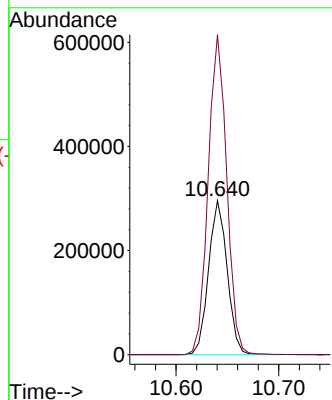
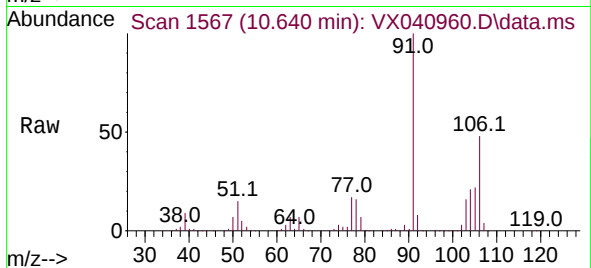
ClientSampleId :

Tgt Ion:106 Resp: 372789

Ion Ratio Lower Upper

106 100

91 207.8 144.0 267.4



#55

Styrene

Concen: 109.686 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX040960.D

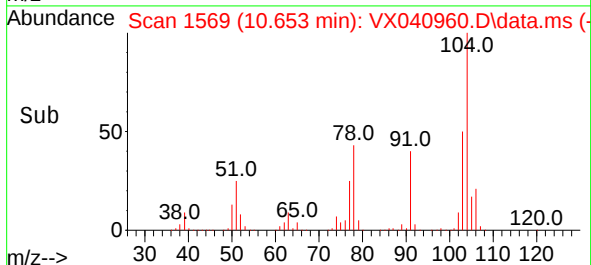
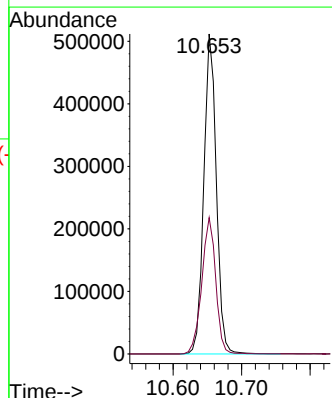
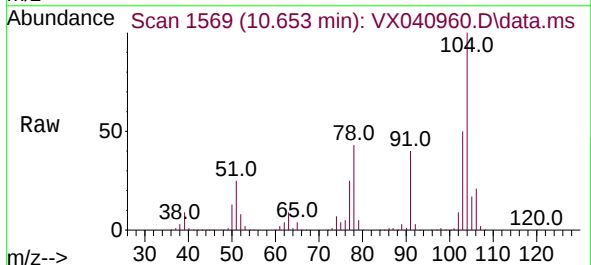
Acq: 10 Apr 2024 17:15

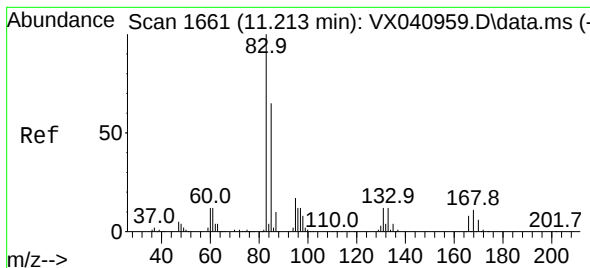
Tgt Ion:104 Resp: 651881

Ion Ratio Lower Upper

104 100

78 42.6 30.7 56.9

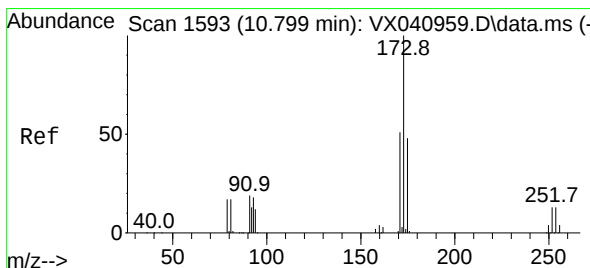
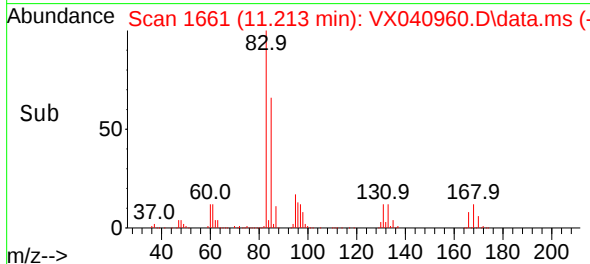
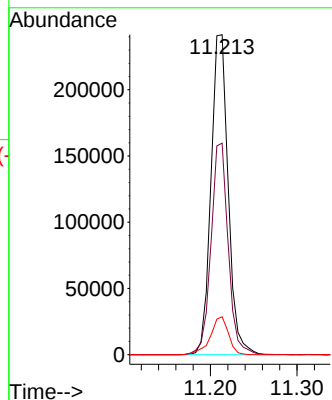
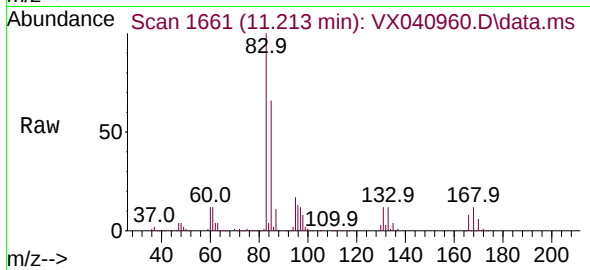




#57
 1,1,2,2-Tetrachloroethane
 Concen: 107.019 ug/L
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VX040960.D
 Acq: 10 Apr 2024 17:15

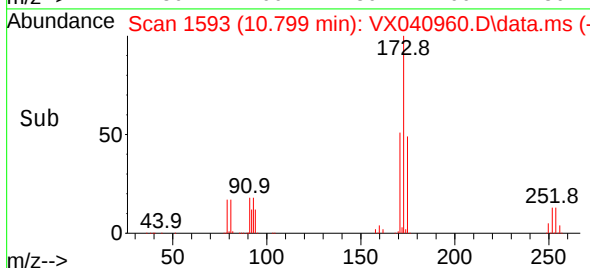
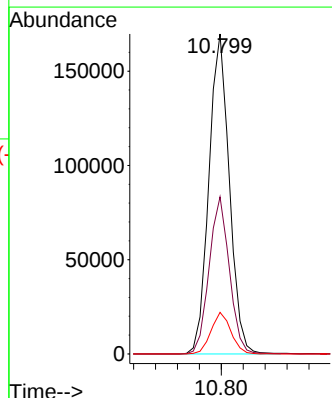
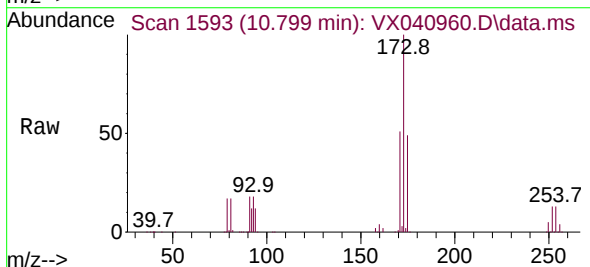
Instrument :
 MSVOA_X
 ClientSampleId :

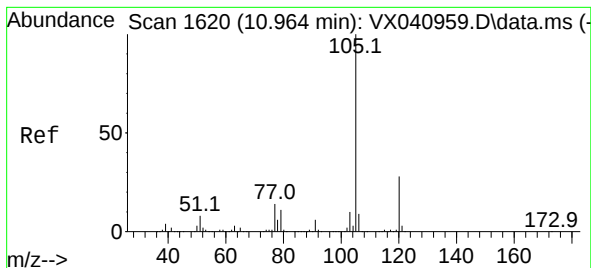
Tgt Ion: 83 Resp: 333545
 Ion Ratio Lower Upper
 83 100
 85 66.1 45.8 85.0
 131 11.9 9.4 14.2



#59
 Bromoform
 Concen: 109.569 ug/L
 RT: 10.799 min Scan# 1593
 Delta R.T. -0.000 min
 Lab File: VX040960.D
 Acq: 10 Apr 2024 17:15

Tgt Ion:173 Resp: 219349
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.0 58.4
 254 12.7 10.4 15.6





#60

Isopropylbenzene

Concen: 105.196 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

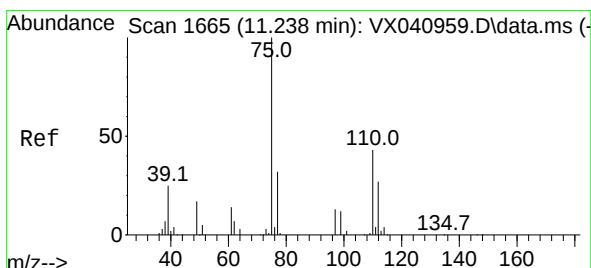
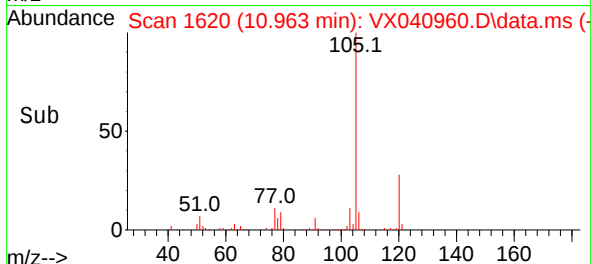
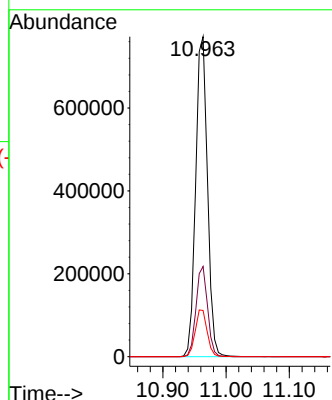
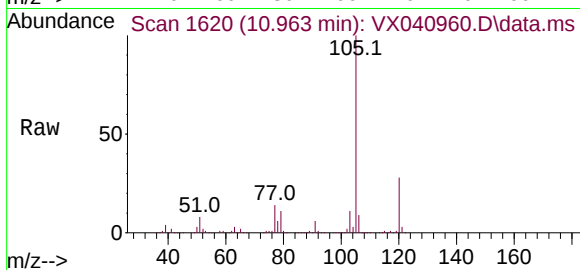
Tgt Ion:105 Resp: 1003184

Ion Ratio Lower Upper

105 100

120 27.6 21.9 32.9

77 14.8 11.8 17.8



#61

1,2,3-Trichloropropane

Concen: 103.788 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

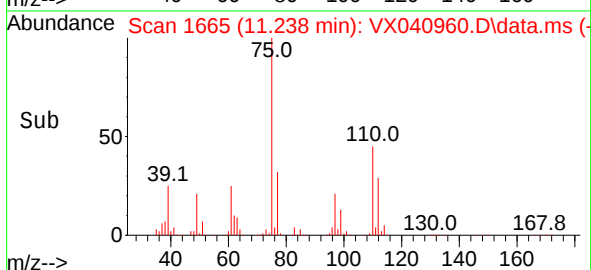
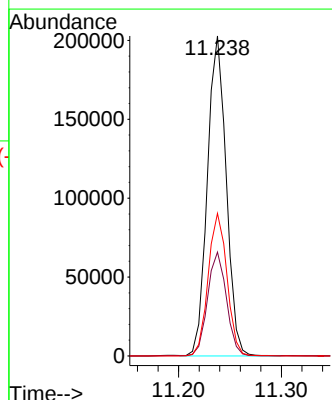
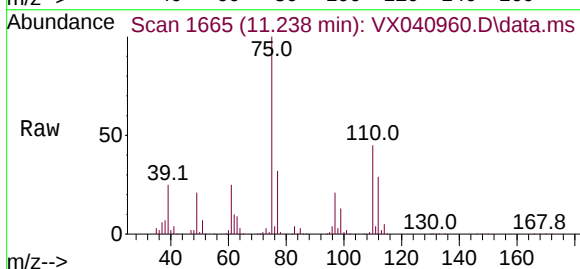
Tgt Ion: 75 Resp: 258517

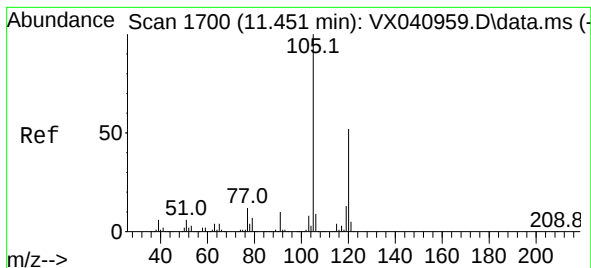
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

110 44.5 35.2 52.8





#62

1,3,5-Trimethylbenzene

Concen: 108.784 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

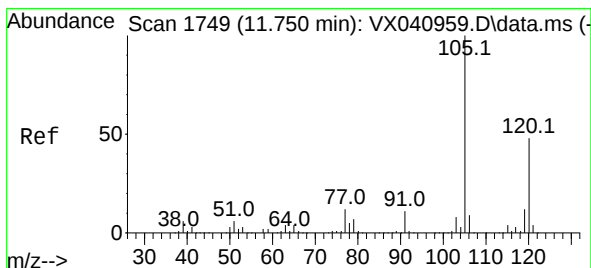
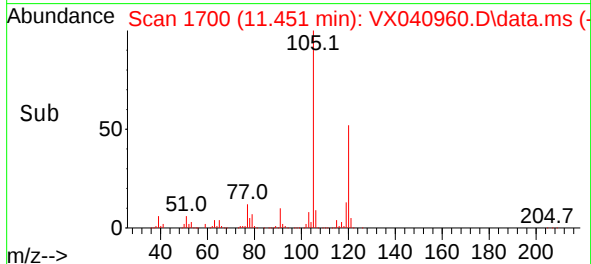
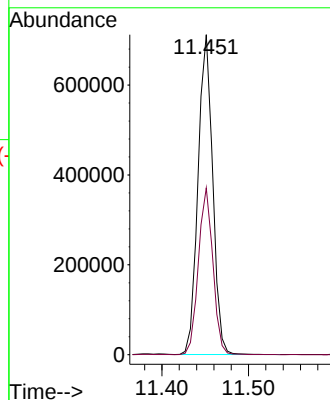
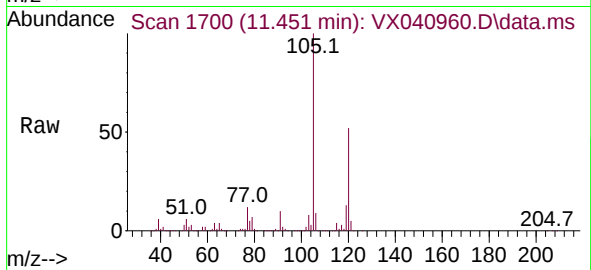
ClientSampleId :

Tgt Ion:105 Resp: 836323

Ion Ratio Lower Upper

105 100

120 51.6 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 108.635 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040960.D

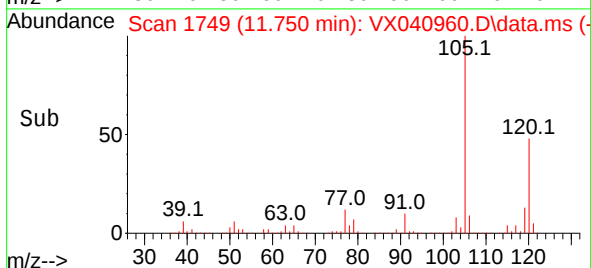
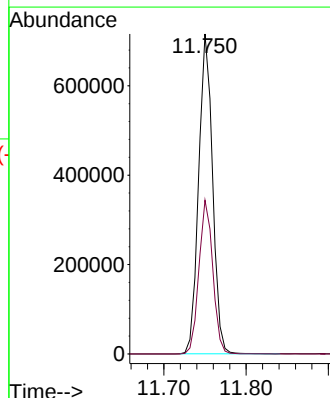
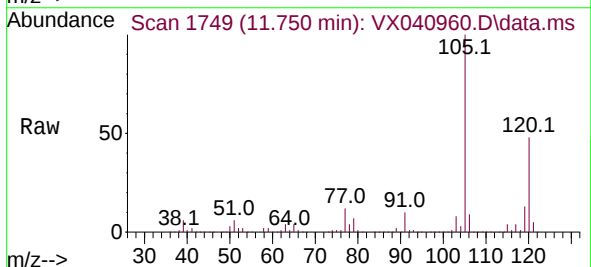
Acq: 10 Apr 2024 17:15

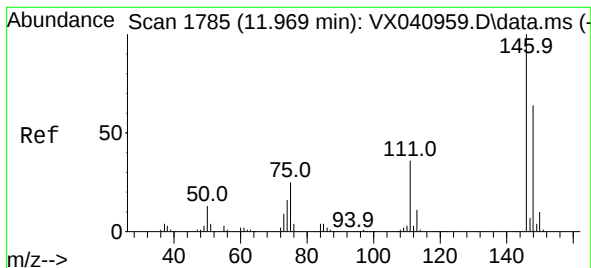
Tgt Ion:105 Resp: 840672

Ion Ratio Lower Upper

105 100

120 47.9 37.8 56.6





#64

1,3-Dichlorobenzene

Concen: 106.141 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

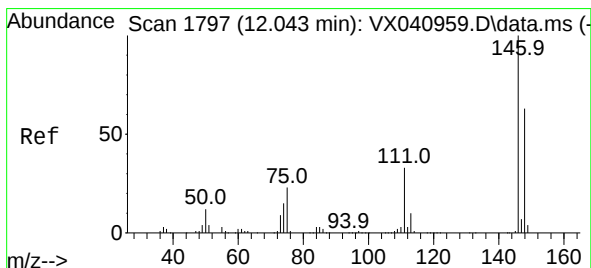
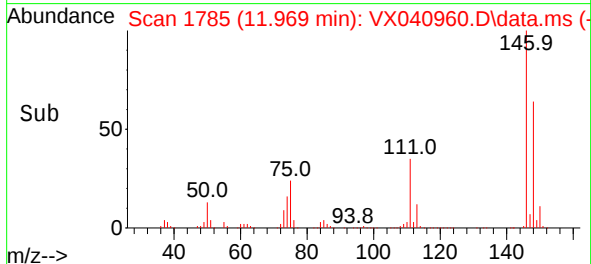
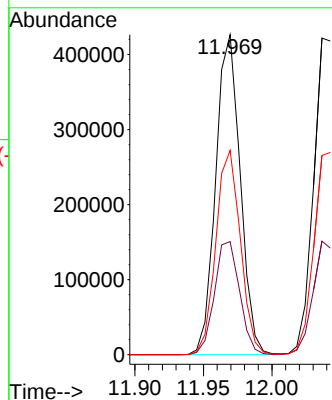
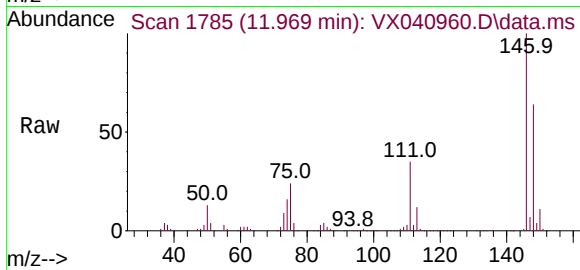
Tgt Ion:146 Resp: 531120

Ion Ratio Lower Upper

146 100

111 35.4 25.3 47.1

148 63.9 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 104.460 ug/L

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

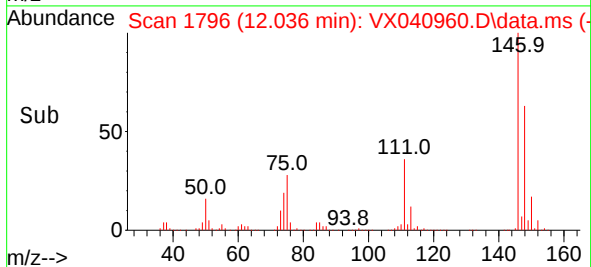
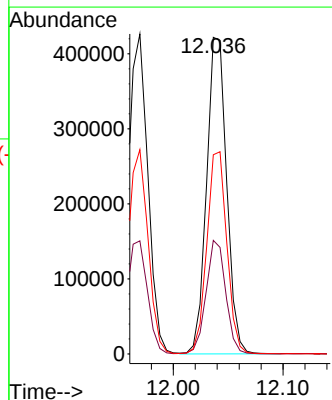
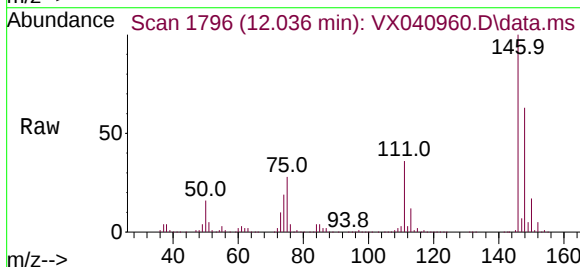
Tgt Ion:146 Resp: 536599

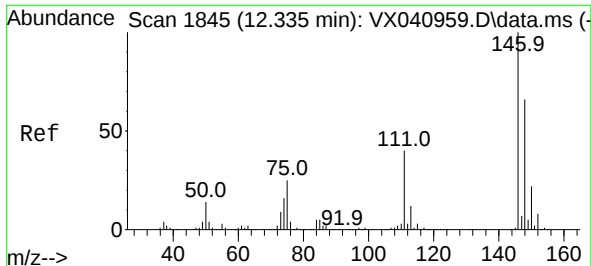
Ion Ratio Lower Upper

146 100

111 35.9 23.4 43.6

148 62.9 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 105.875 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

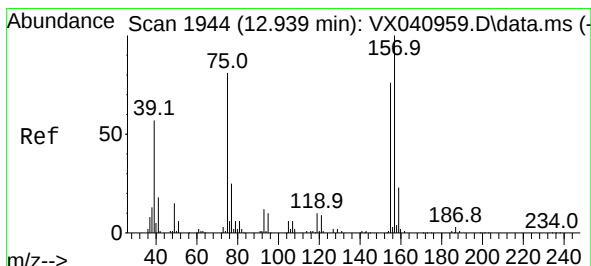
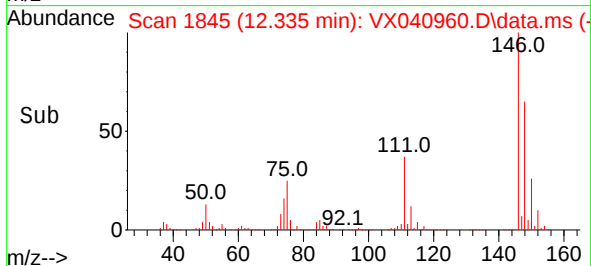
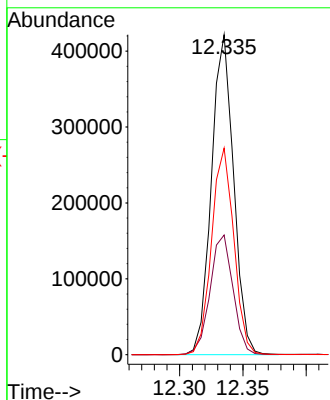
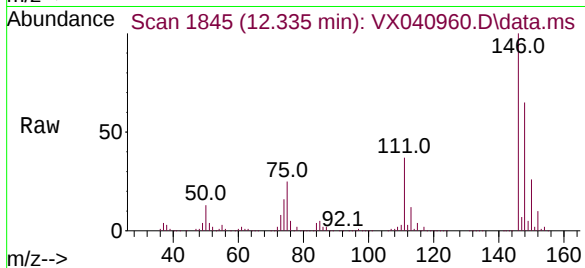
Tgt Ion:146 Resp: 513933

Ion Ratio Lower Upper

146 100

111 37.4 31.8 47.8

148 64.5 53.2 79.8



#68

1,2-Dibromo-3-chloropropane

Concen: 110.109 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

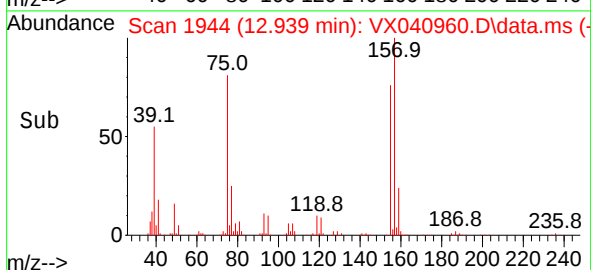
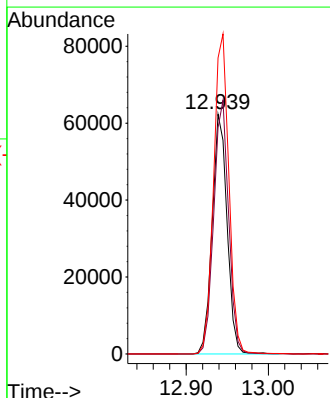
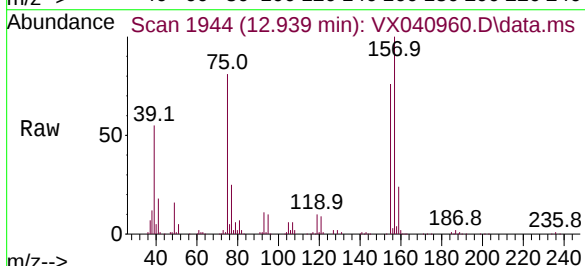
Tgt Ion: 75 Resp: 78434

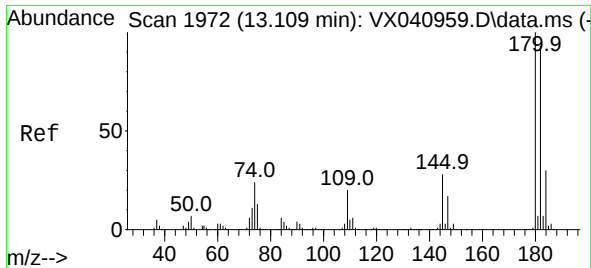
Ion Ratio Lower Upper

75 100

155 94.4 75.6 113.4

157 123.5 99.1 148.7





#69

1,3,5-Trichlorobenzene

Concen: 106.257 ug/L

RT: 13.109 min Scan# 1772

Delta R.T. -0.000 min

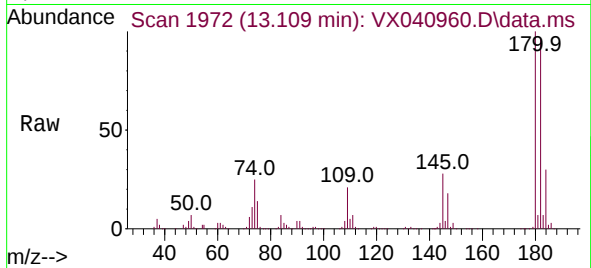
Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 407192

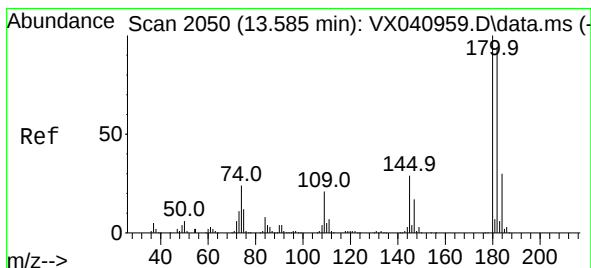
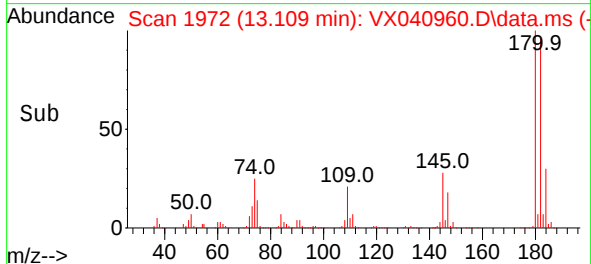
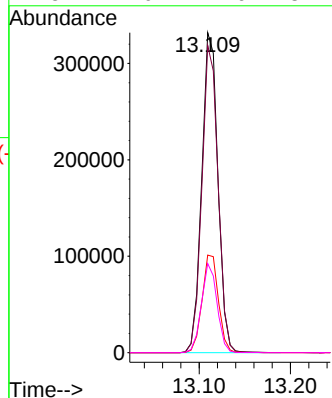
Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.6

184 30.9 24.4 36.6

145 27.0 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 108.838 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

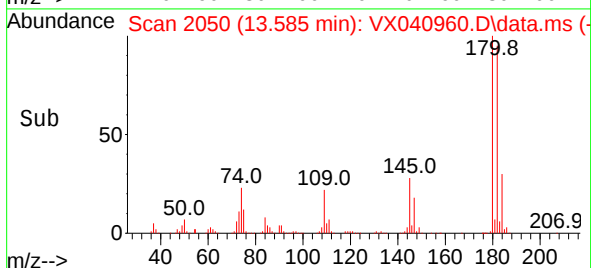
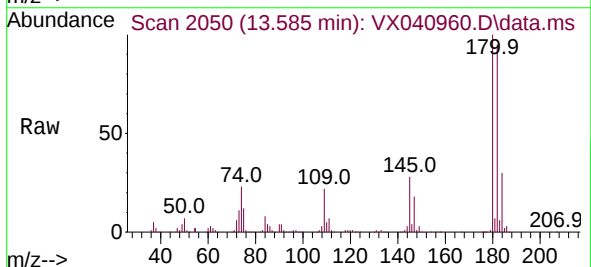
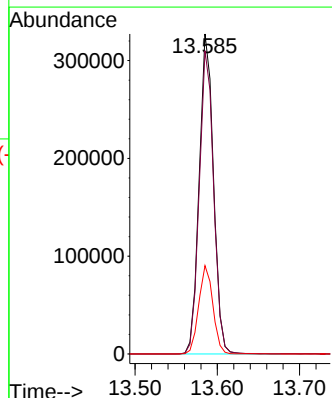
Tgt Ion:180 Resp: 395244

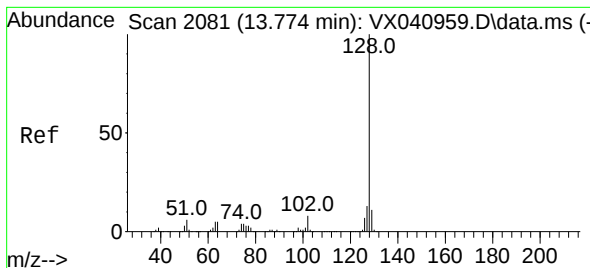
Ion Ratio Lower Upper

180 100

182 95.1 76.8 115.2

145 27.3 22.3 33.5





#71

Naphthalene

Concen: 112.838 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

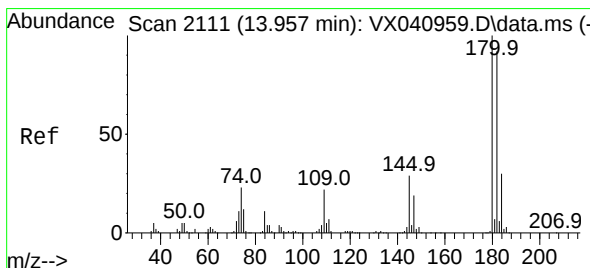
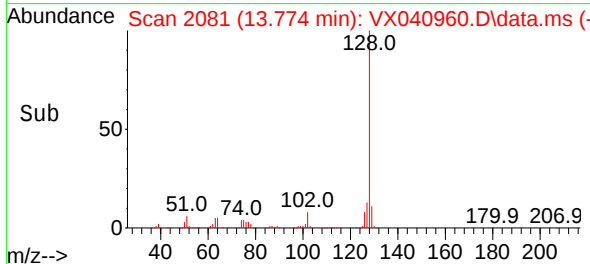
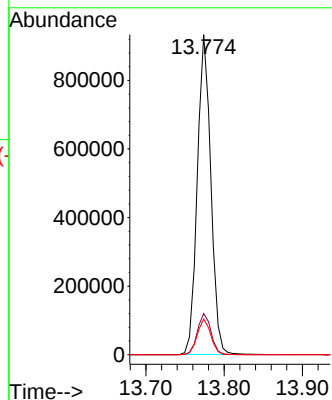
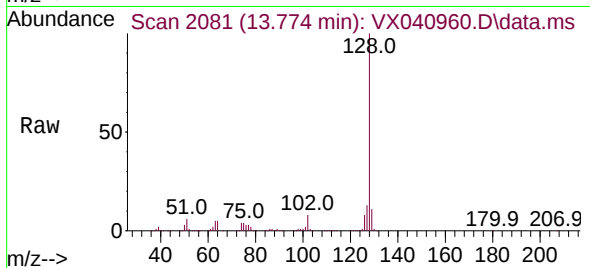
Tgt Ion:128 Resp: 1122932

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 106.404 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX040960.D

Acq: 10 Apr 2024 17:15

Tgt Ion:180 Resp: 378964

Ion Ratio Lower Upper

180 100

182 97.3 77.0 115.6

145 29.6 23.4 35.2

