

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041024\
 Data File : VX040958.D
 Acq On : 10 Apr 2024 16:29
 Operator : JC/MD
 Sample : VSTD01069
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 05:27:00 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	289711	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	274641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	160651	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	20347	9.874	ug/L	0.00
7) Chloroethane-d5	1.672	69	16806	9.988	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	65	8495	9.656	ug/L	0.00
21) 2-Butanone-d5	4.465	46	24518	21.843	ug/L	0.01
24) Chloroform-d	5.056	84	36542	9.504	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	24268	9.703	ug/L	0.00
32) Benzene-d6	5.977	84	71217	9.552	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	20783	9.557	ug/L	0.00
41) Toluene-d8	8.647	98	70407	9.666	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	9586	8.760	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	16403	17.835	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	31189	9.682	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	30433	9.443	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	19043	9.982	ug/L	99
3) Chloromethane	1.301	50	18777	10.369	ug/L	98
5) Vinyl chloride	1.374	62	22172	10.189	ug/L	99
6) Bromomethane	1.618	94	13597	10.334	ug/L	98
8) Chloroethane	1.691	64	14103	10.415	ug/L	96
9) Trichlorofluoromethane	1.892	101	34929	10.188	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	19475	9.939	ug/L	98
12) 1,1-Dichloroethene	2.325	96	16971	9.752	ug/L	87
13) Acetone	2.380	43	26774	22.007	ug/L	99
14) Carbon disulfide	2.514	76	42302	9.673	ug/L	99
15) Methyl Acetate	2.703	43	21015	9.950	ug/L	98
16) Methylene chloride	2.794	84	17738	9.779	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	18077	10.035	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	53693	9.496	ug/L	99
19) 1,1-Dichloroethane	3.611	63	31688	9.904	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	19468	9.486	ug/L	96
22) 2-Butanone	4.556	43	31391	19.712	ug/L	99
23) Bromochloromethane	4.898	128	10733	9.620	ug/L	98
25) Chloroform	5.099	83	34617	9.872	ug/L	100
27) 1,2-Dichloroethane	6.092	62	28171	9.995	ug/L	99
29) Cyclohexane	5.471	56	26130	9.497	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	29797	9.681	ug/L	98
31) Carbon tetrachloride	5.678	117	27206	9.700	ug/L	99
33) Benzene	6.044	78	69972	9.820	ug/L	100
34) Trichloroethene	7.129	95	19799	9.686	ug/L	94
35) Methylcyclohexane	7.379	83	28136	9.706	ug/L	99
37) 1,2-Dichloropropane	7.434	63	17848	9.677	ug/L	100
38) Bromodichloromethane	7.824	83	24892	9.627	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	27667	9.181	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	53393	19.115	ug/L	99
42) Toluene	8.720	91	78279	9.920	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	25314	8.989	ug/L	99

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

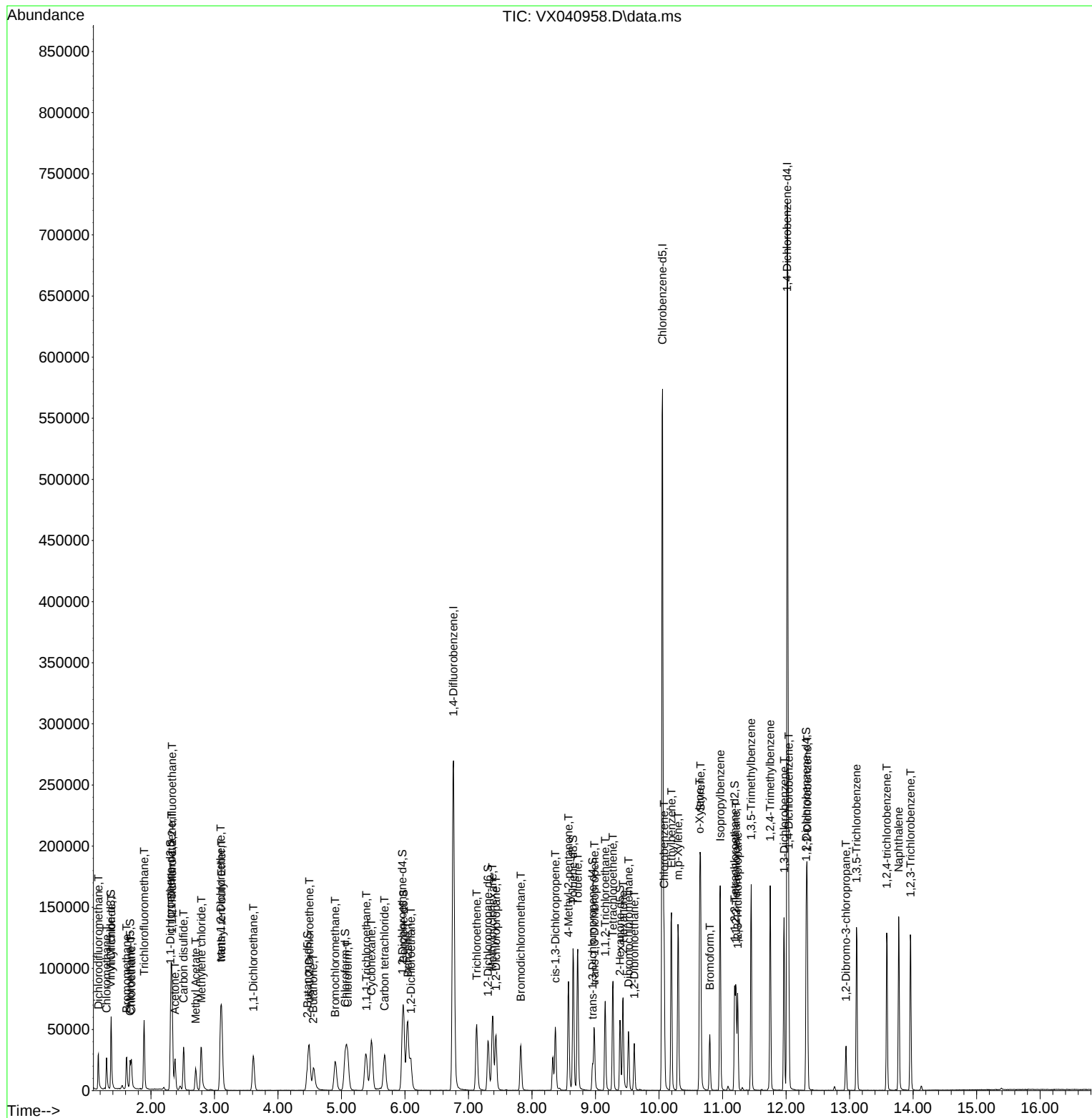
45) 1,1,2-Trichloroethane	9.153	97	19664	9.815	ug/L	96
46) Tetrachloroethene	9.275	164	19198	9.972	ug/L	98
48) 2-Hexanone	9.433	43	42168	18.686	ug/L	98
49) Dibromochloromethane	9.519	129	21673	9.592	ug/L	96
50) 1,2-Dibromoethane	9.610	107	20925	9.682	ug/L	99
51) Chlorobenzene	10.079	112	55663	10.065	ug/L	98
52) Ethylbenzene	10.195	91	88639	9.900	ug/L	100
53) m,p-Xylene	10.299	106	35262	9.878	ug/L	97
54) o-Xylene	10.640	106	33810	9.821	ug/L	97
55) Styrene	10.653	104	56756	9.589	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	31941	10.290	ug/L	96
59) Bromoform	10.799	173	17214	8.731	ug/L	98
60) Isopropylbenzene	10.963	105	90767	9.664	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	24481	9.980	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	71541	9.449	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	72367	9.495	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	49287	10.001	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	50758	10.033	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	47730	9.984	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	6561	9.352	ug/L	84
69) 1,3,5-Trichlorobenzene	13.109	180	37767	10.007	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	34492	9.644	ug/L	99
71) Naphthalene	13.774	128	91858	9.372	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	34986	9.974	ug/L	98

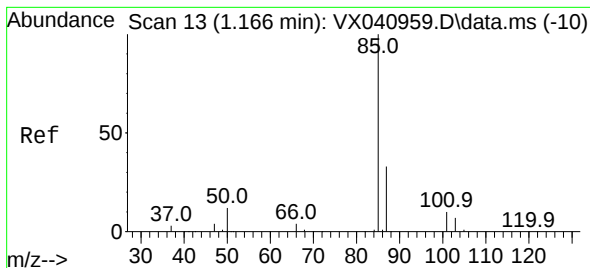
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 9.982 ug/L

RT: 1.173 min Scan# 14

Delta R.T. 0.006 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

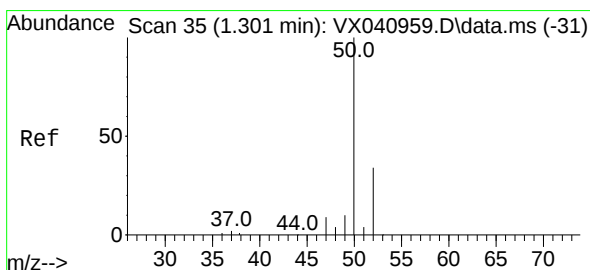
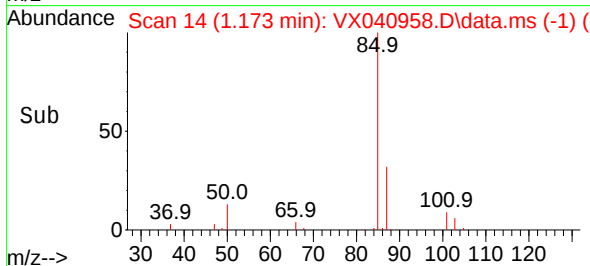
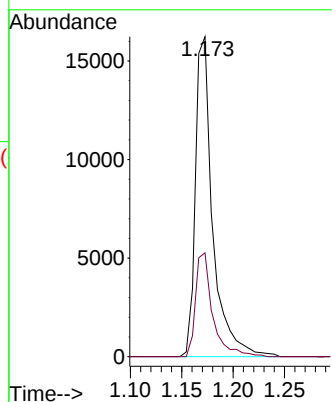
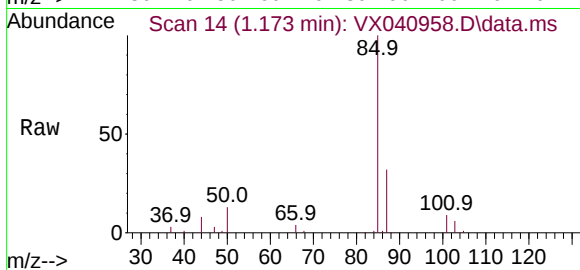
ClientSampleId :

Tgt Ion: 85 Resp: 19043

Ion Ratio Lower Upper

85 100

87 32.2 26.2 39.2



#3

Chloromethane

Concen: 10.369 ug/L

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX040958.D

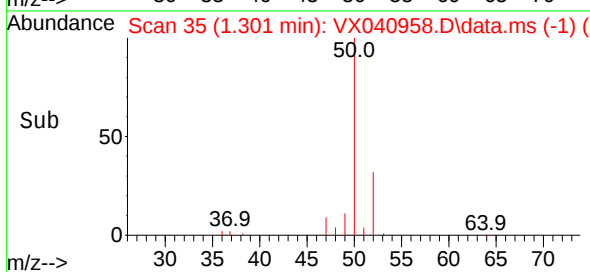
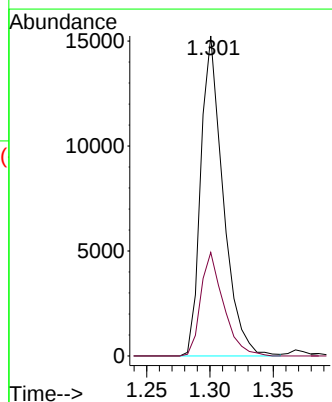
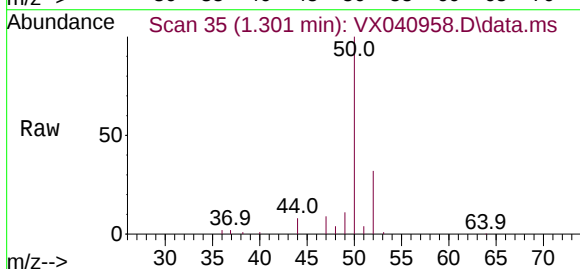
Acq: 10 Apr 2024 16:29

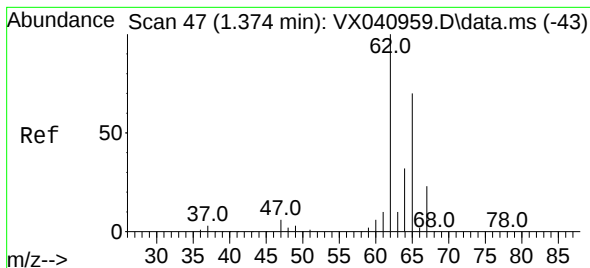
Tgt Ion: 50 Resp: 18777

Ion Ratio Lower Upper

50 100

52 32.4 23.5 43.7





#5

Vinyl chloride

Concen: 10.189 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

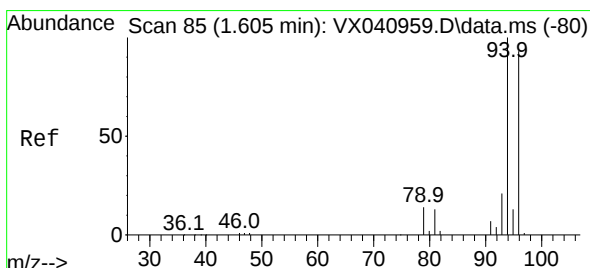
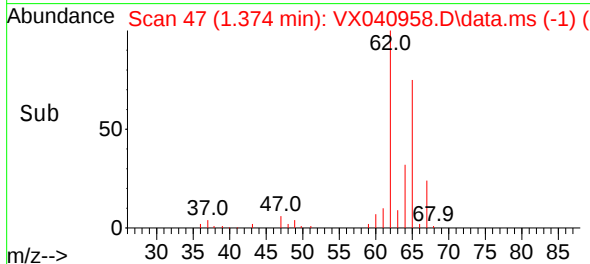
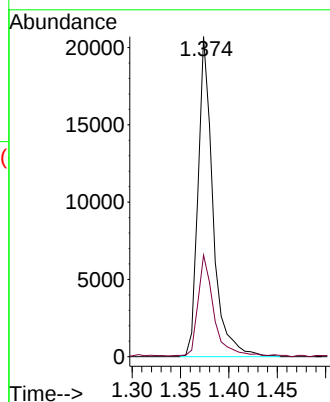
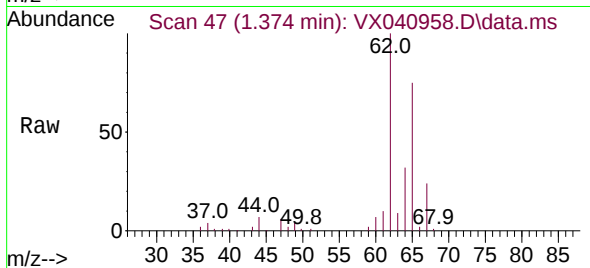
ClientSampleId :

Tgt Ion: 62 Resp: 22172

Ion Ratio Lower Upper

62 100

64 31.7 22.5 41.9



#6

Bromomethane

Concen: 10.334 ug/L

RT: 1.618 min Scan# 87

Delta R.T. 0.012 min

Lab File: VX040958.D

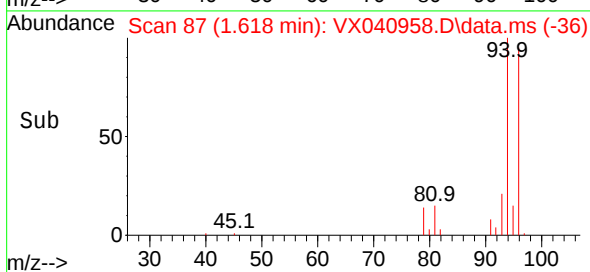
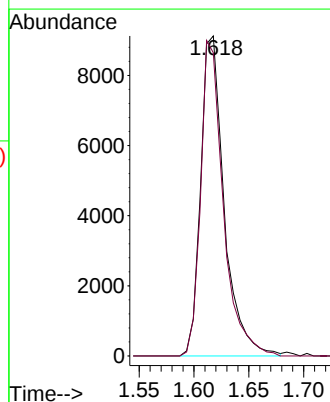
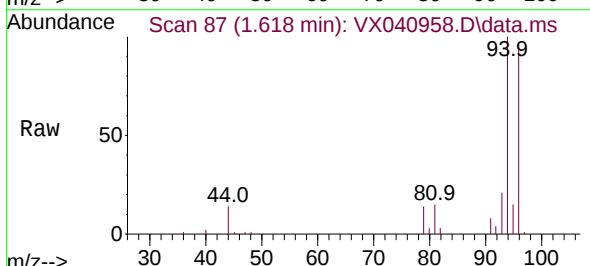
Acq: 10 Apr 2024 16:29

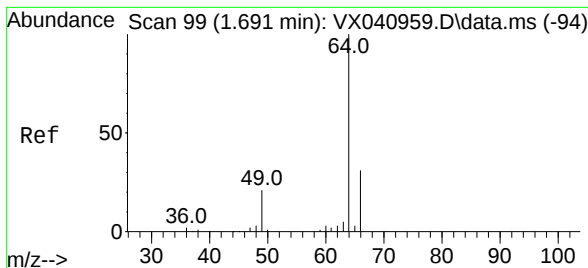
Tgt Ion: 94 Resp: 13597

Ion Ratio Lower Upper

94 100

96 94.8 64.8 120.3





#8

Chloroethane

Concen: 10.415 ug/L

RT: 1.691 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

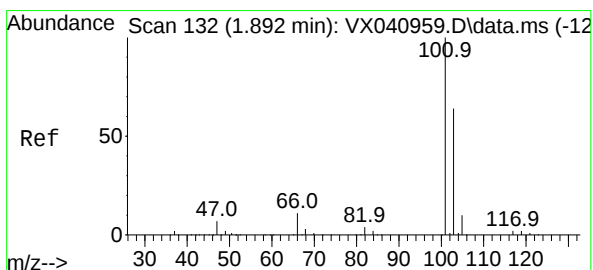
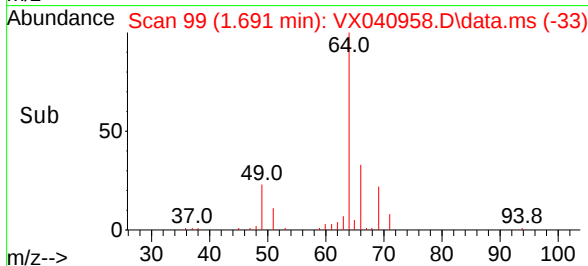
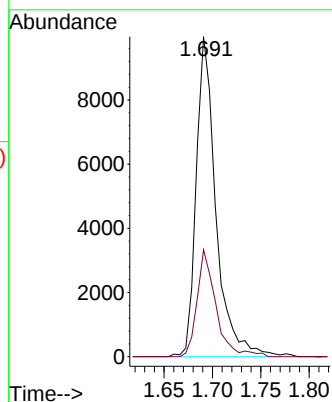
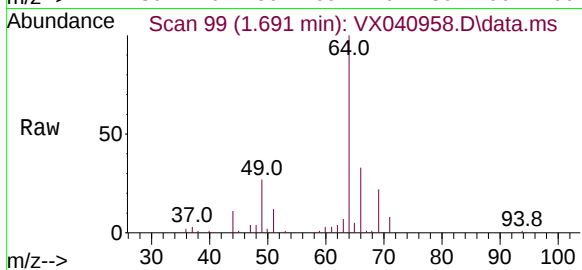
ClientSampleId :

Tgt Ion: 64 Resp: 14103

Ion Ratio Lower Upper

64 100

66 33.4 21.8 40.6



#9

Trichlorofluoromethane

Concen: 10.188 ug/L

RT: 1.892 min Scan# 132

Delta R.T. -0.000 min

Lab File: VX040958.D

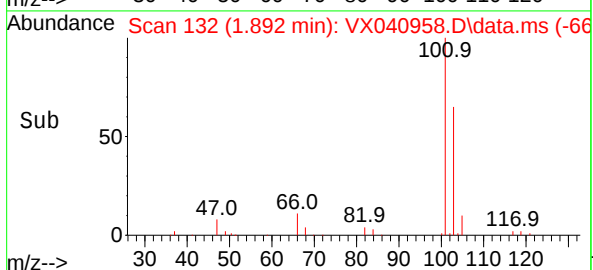
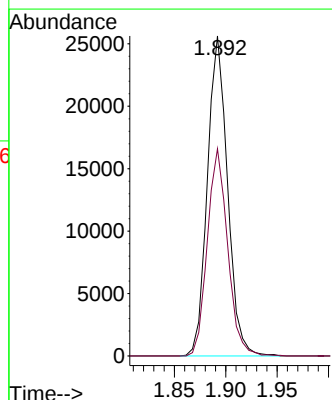
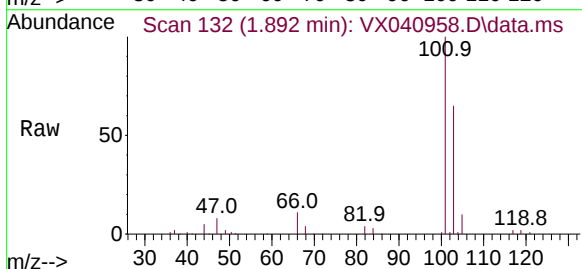
Acq: 10 Apr 2024 16:29

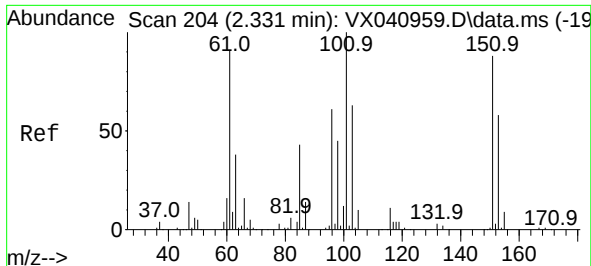
Tgt Ion:101 Resp: 34929

Ion Ratio Lower Upper

101 100

103 65.1 52.5 78.7





#10

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

Concen: 9.939 ug/L

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

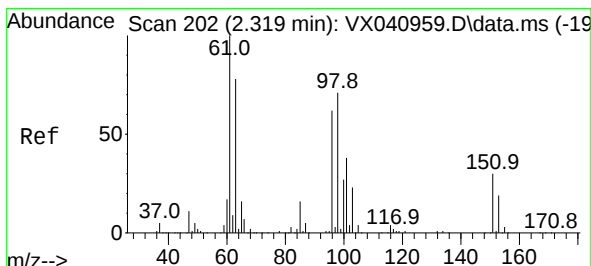
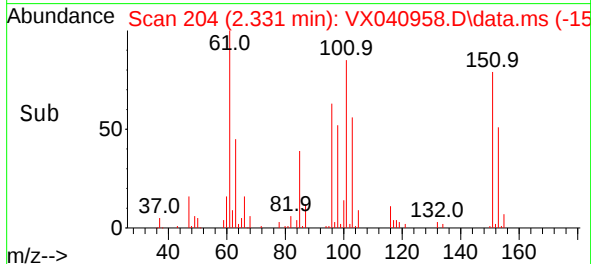
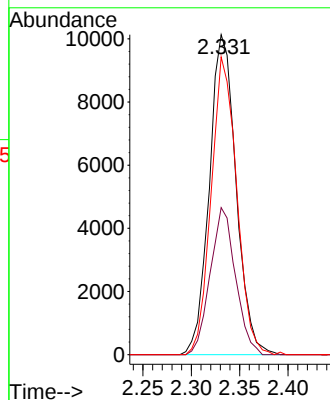
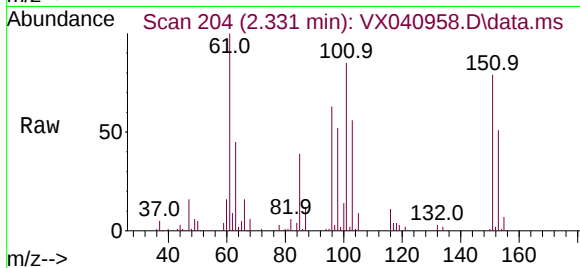
Tgt Ion:101 Resp: 19475

Ion Ratio Lower Upper

101 100

85 43.4 33.7 50.5

151 88.6 69.9 104.9



#12

1,1-Dichloroethene

Concen: 9.752 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

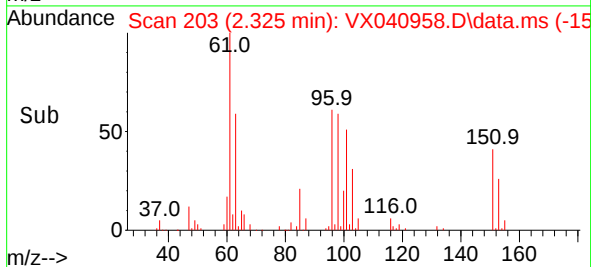
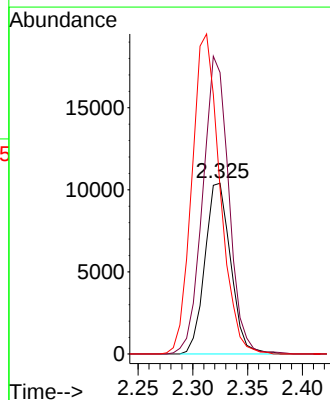
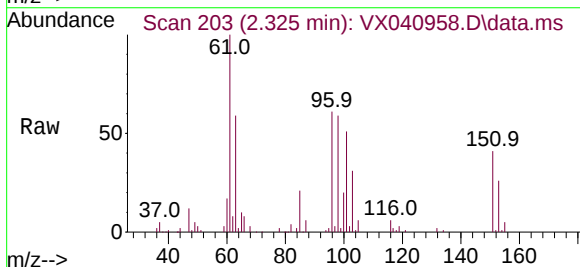
Tgt Ion: 96 Resp: 16971

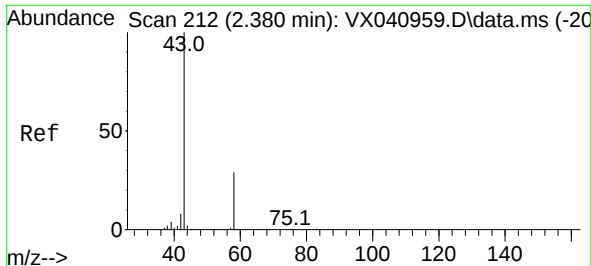
Ion Ratio Lower Upper

96 100

61 164.8 113.6 211.0

63 97.1 89.3 165.9





#13

Acetone

Concen: 22.007 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

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MSVOA_X

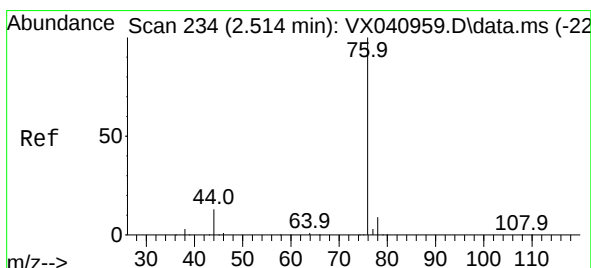
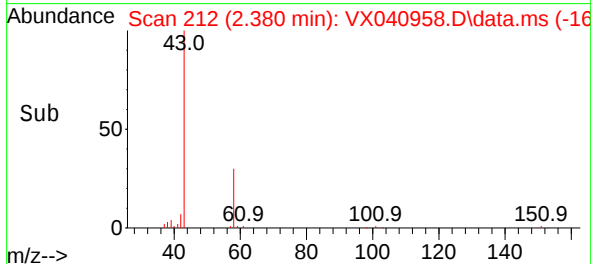
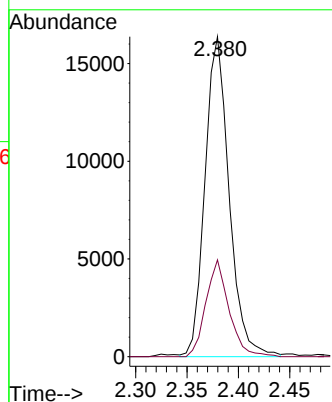
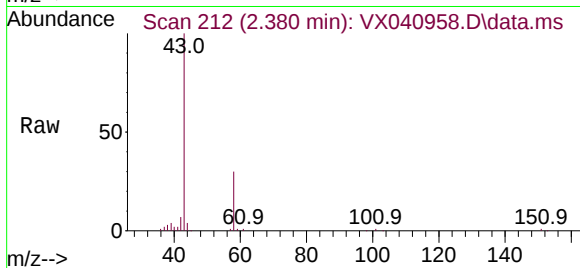
ClientSampleId :

Tgt Ion: 43 Resp: 26774

Ion Ratio Lower Upper

43 100

58 28.9 0.0 59.4



#14

Carbon disulfide

Concen: 9.673 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX040958.D

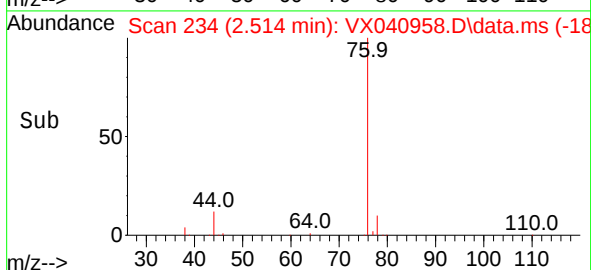
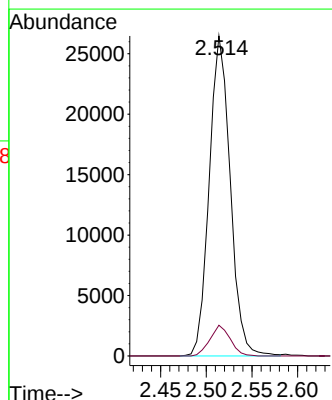
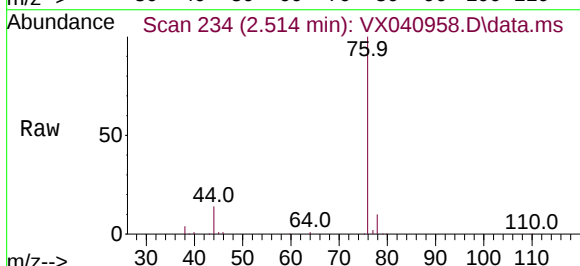
Acq: 10 Apr 2024 16:29

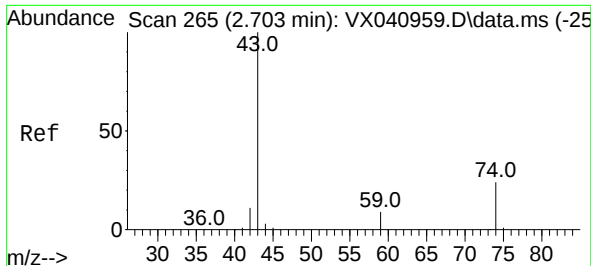
Tgt Ion: 76 Resp: 42302

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2





#15

Methyl Acetate

Concen: 9.950 ug/L

RT: 2.703 min Scan# 210

Delta R.T. -0.000 min

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Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

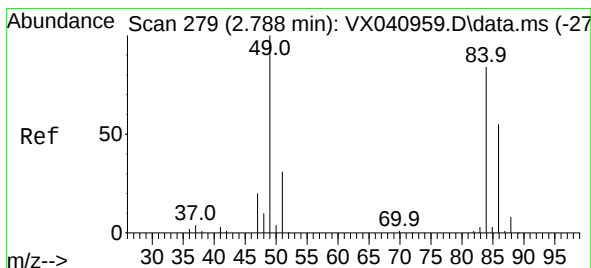
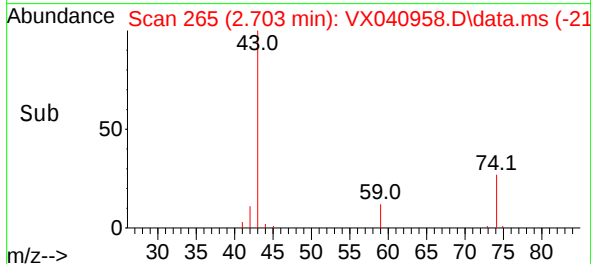
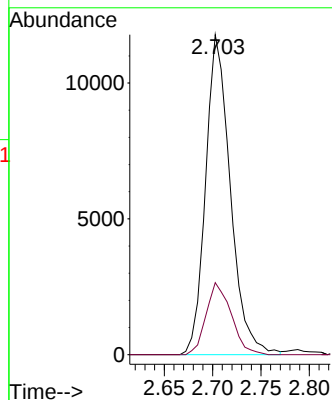
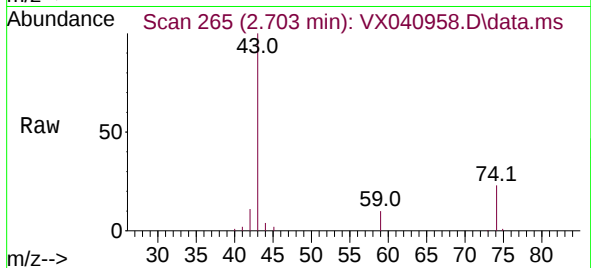
ClientSampleId :

Tgt Ion: 43 Resp: 21015

Ion Ratio Lower Upper

43 100

74 22.8 19.2 28.8



#16

Methylene chloride

Concen: 9.779 ug/L

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

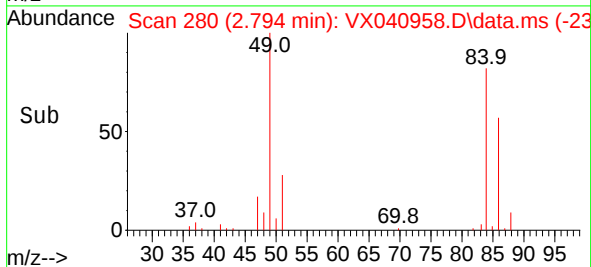
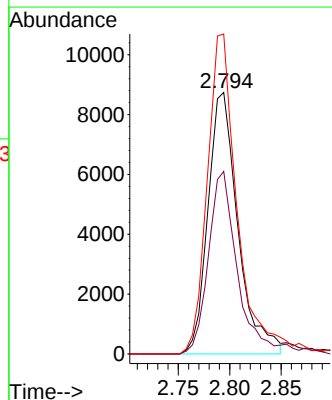
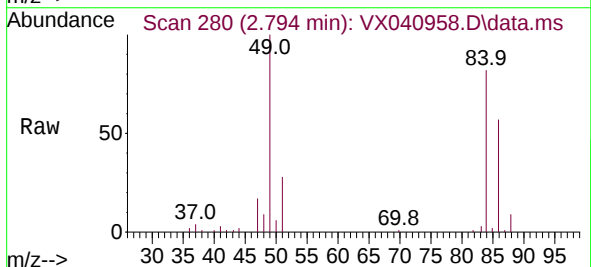
Tgt Ion: 84 Resp: 17738

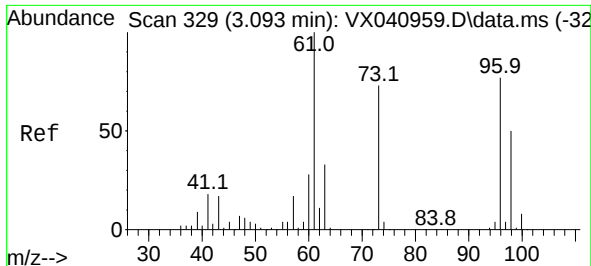
Ion Ratio Lower Upper

84 100

86 69.8 45.9 85.3

49 122.4 83.1 154.3

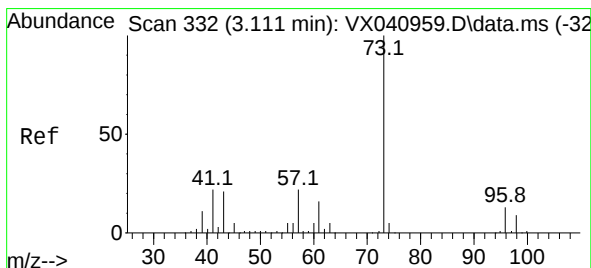
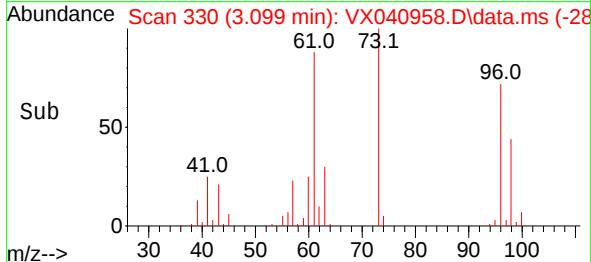
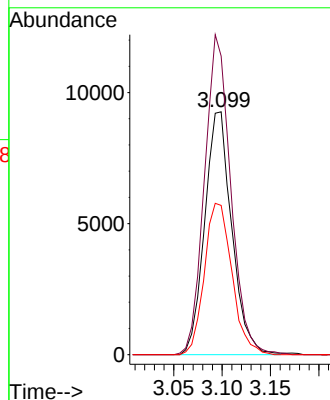
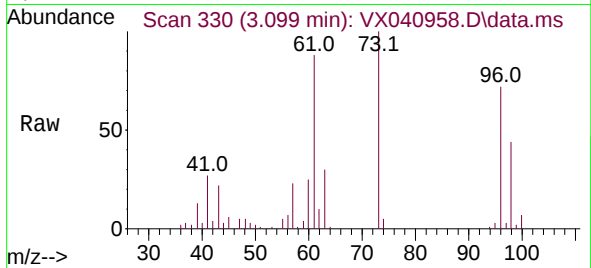




#17
trans-1,2-Dichloroethene
Concen: 10.035 ug/L
RT: 3.099 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

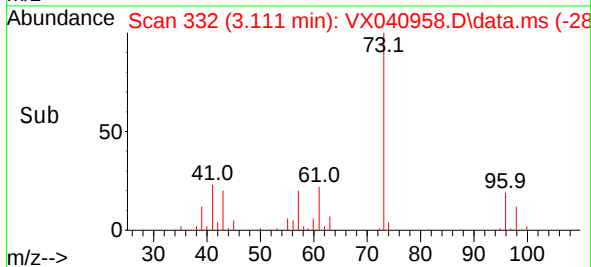
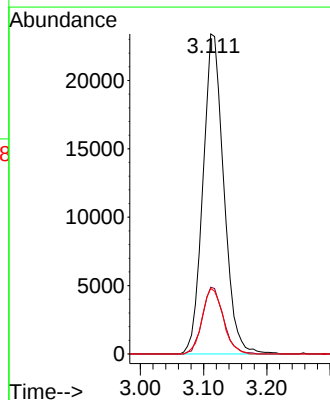
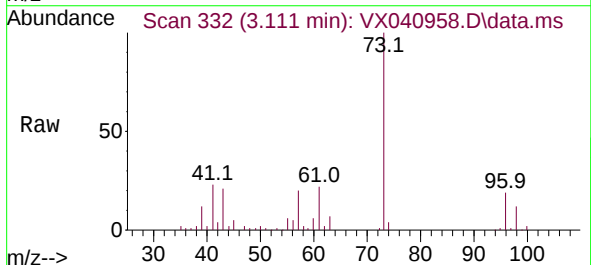
Instrument :
MSVOA_X
ClientSampleId :

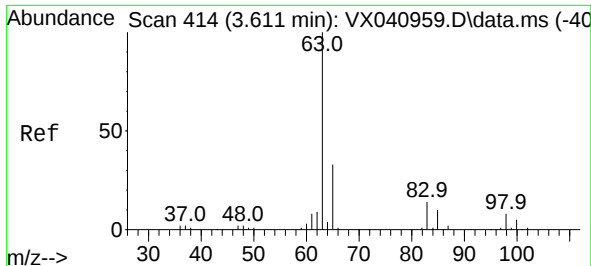
Tgt Ion: 96 Resp: 18077
Ion Ratio Lower Upper
96 100
61 122.9 91.4 169.8
98 61.5 45.6 84.6



#18
Methyl tert-butyl Ether
Concen: 9.496 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

Tgt Ion: 73 Resp: 53693
Ion Ratio Lower Upper
73 100
43 20.9 16.6 25.0
57 20.7 17.3 25.9





#19

1,1-Dichloroethane

Concen: 9.904 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

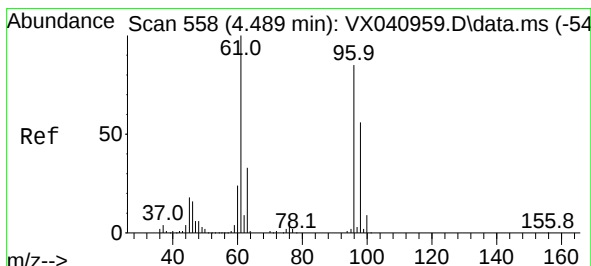
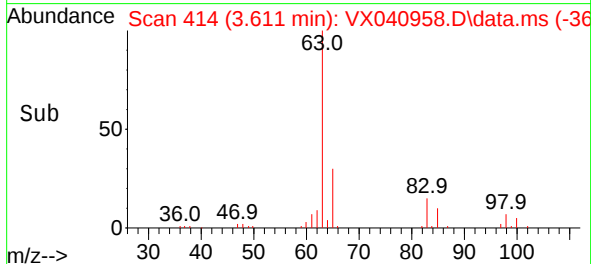
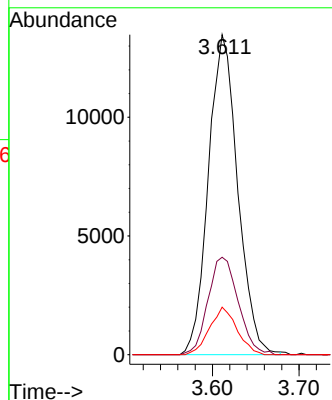
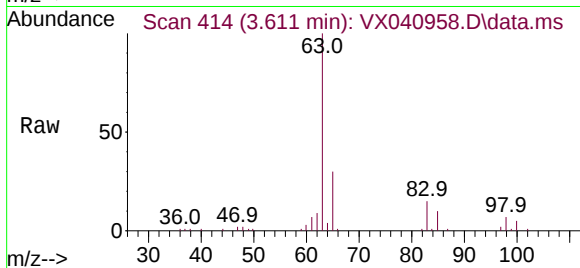
Tgt Ion: 63 Resp: 31688

Ion Ratio Lower Upper

63 100

65 30.5 22.9 42.5

83 14.9 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 9.486 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

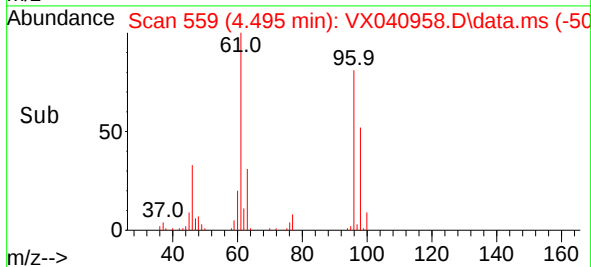
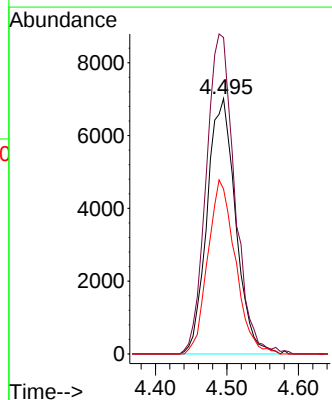
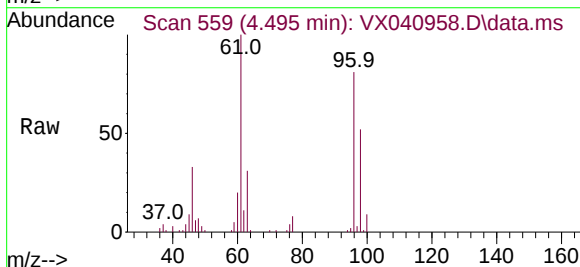
Tgt Ion: 96 Resp: 19468

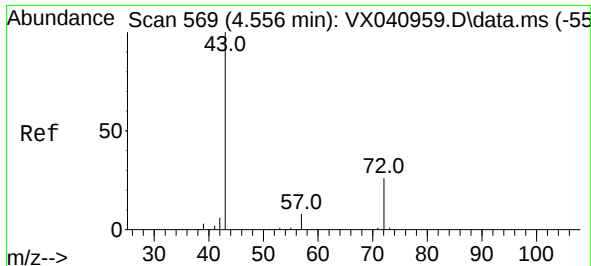
Ion Ratio Lower Upper

96 100

61 123.9 82.6 153.4

98 64.5 46.0 85.4





#22

2-Butanone

Concen: 19.712 ug/L

RT: 4.556 min Scan# 569

Delta R.T. -0.000 min

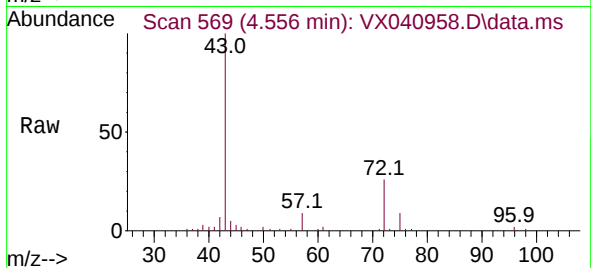
Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

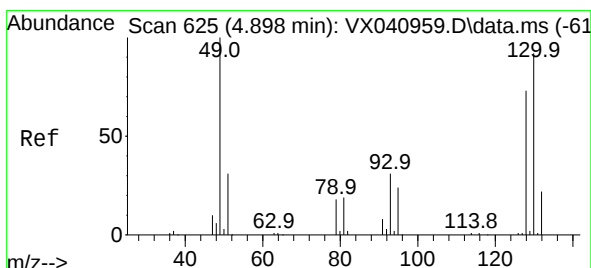
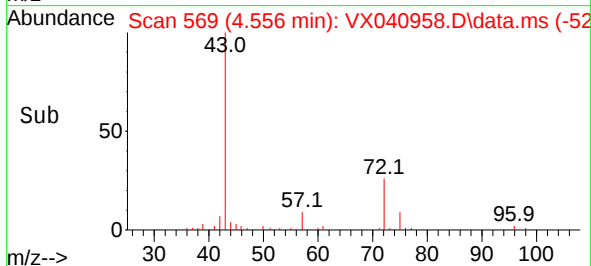
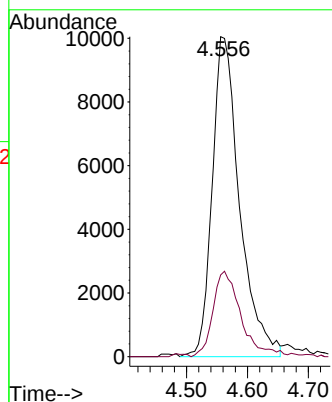


Tgt Ion: 43 Resp: 31391

Ion Ratio Lower Upper

43 100

72 27.1 13.2 39.6



#23

Bromochloromethane

Concen: 9.620 ug/L

RT: 4.898 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Tgt Ion: 128 Resp: 10733

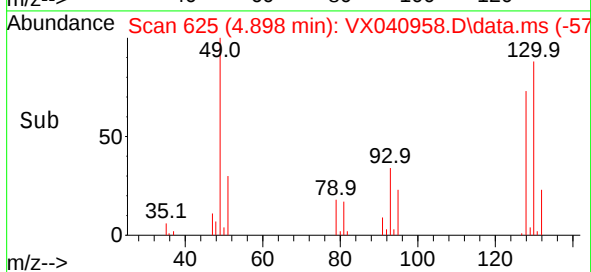
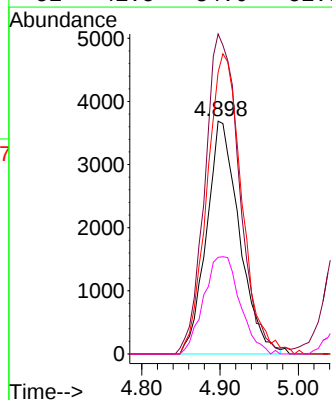
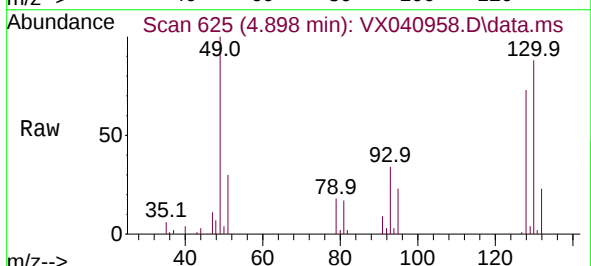
Ion Ratio Lower Upper

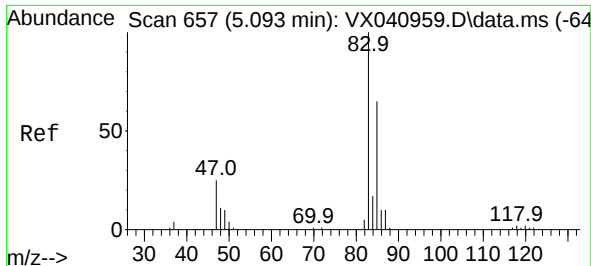
128 100

49 137.4 96.4 179.0

130 121.0 87.9 163.3

51 41.5 34.6 51.8





#25

Chloroform

Concen: 9.872 ug/L

RT: 5.099 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

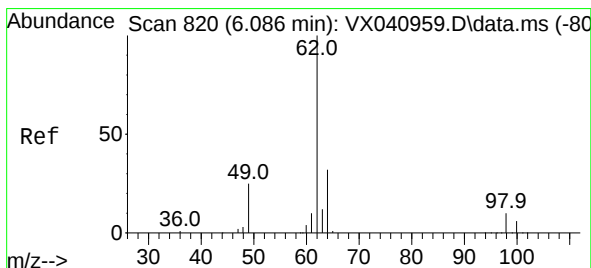
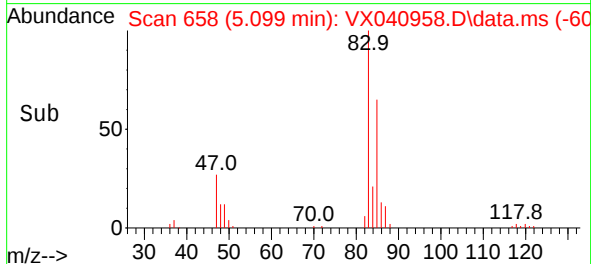
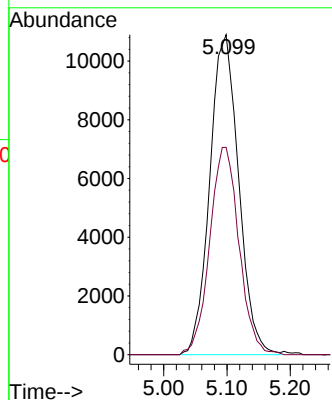
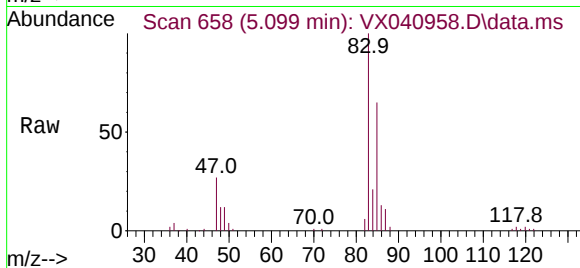
ClientSampleId :

Tgt Ion: 83 Resp: 34617

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.4



#27

1,2-Dichloroethane

Concen: 9.995 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX040958.D

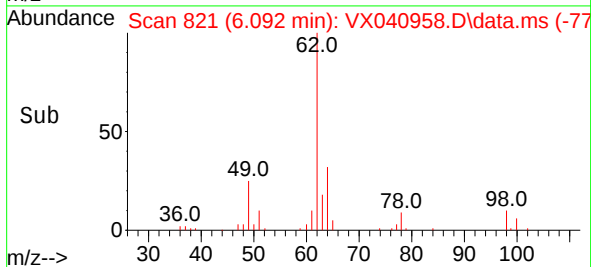
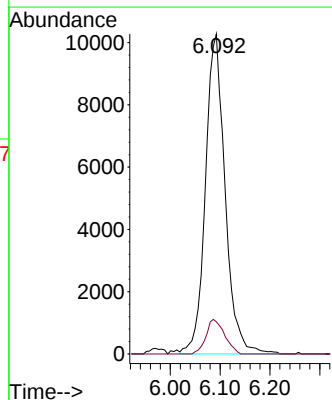
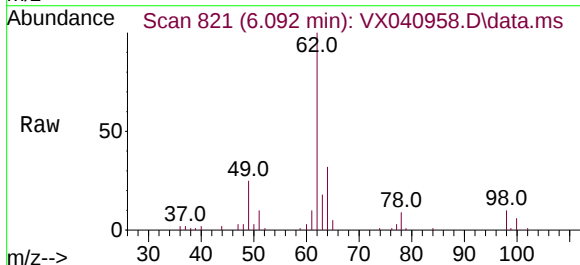
Acq: 10 Apr 2024 16:29

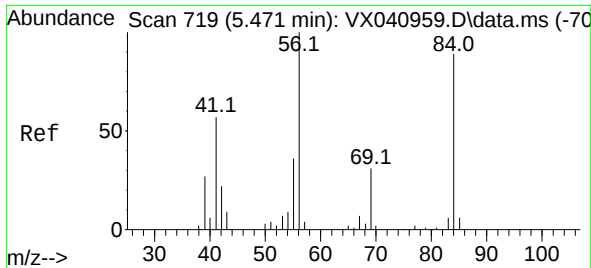
Tgt Ion: 62 Resp: 28171

Ion Ratio Lower Upper

62 100

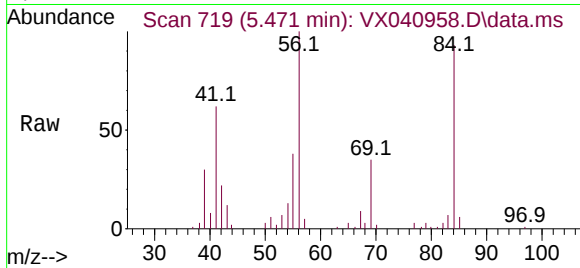
98 10.1 7.7 11.5



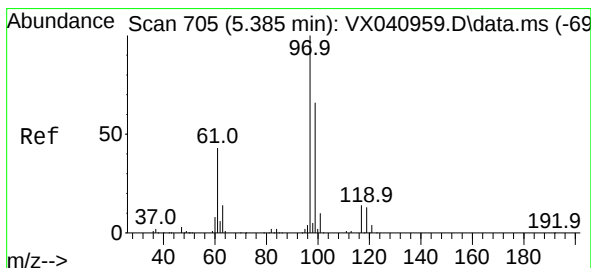
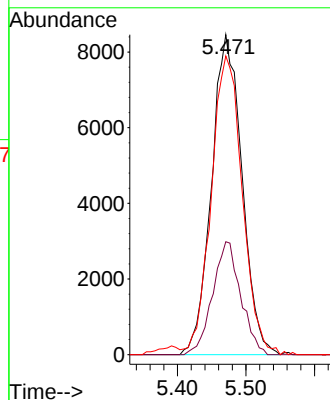
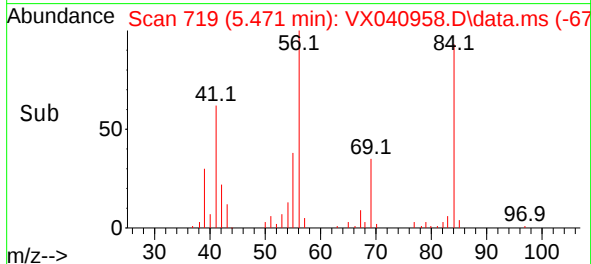


#29
Cyclohexane
Concen: 9.497 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :

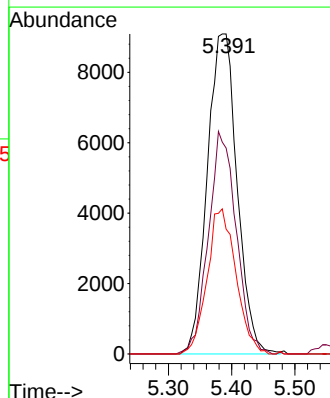
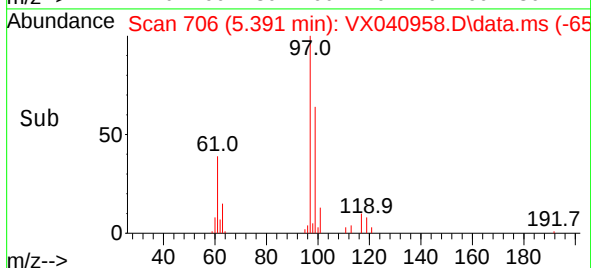
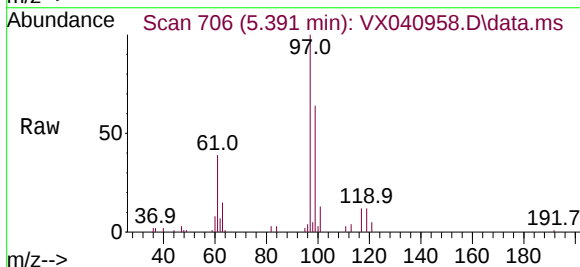


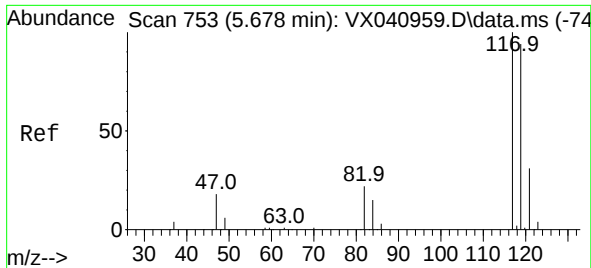
Tgt Ion: 56 Resp: 26130
Ion Ratio Lower Upper
56 100
69 32.5 25.0 37.4
84 94.7 74.9 112.3



#30
1,1,1-Trichloroethane
Concen: 9.681 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

Tgt Ion: 97 Resp: 29797
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 43.7 34.0 51.0

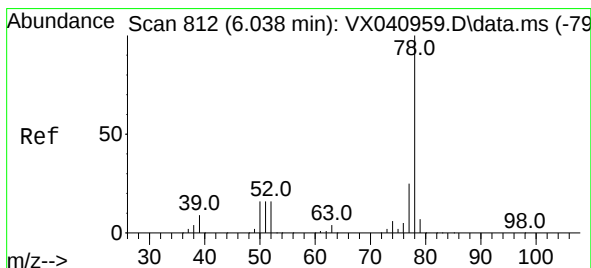
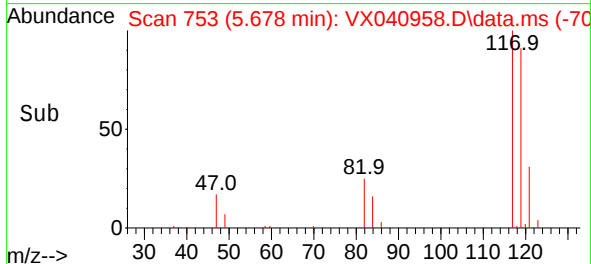
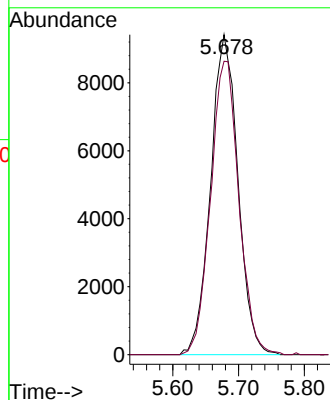
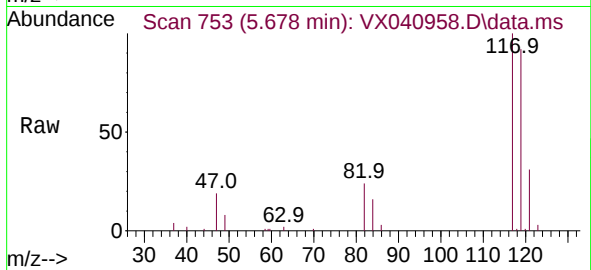




#31
Carbon tetrachloride
Concen: 9.700 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

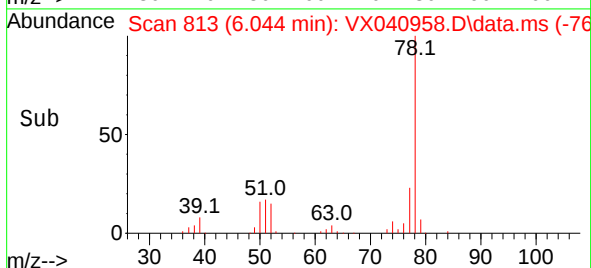
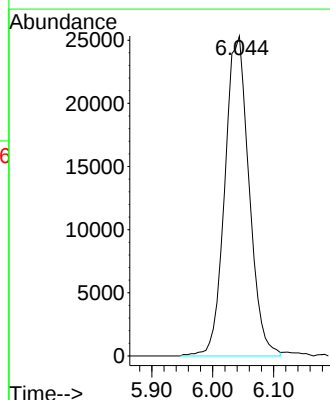
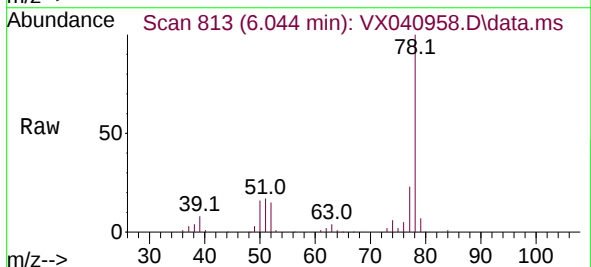
Instrument :
MSVOA_X
ClientSampleId :

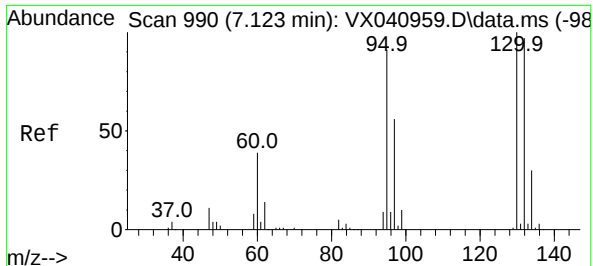
Tgt Ion:117 Resp: 27206
Ion Ratio Lower Upper
117 100
119 94.9 76.8 115.2



#33
Benzene
Concen: 9.820 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

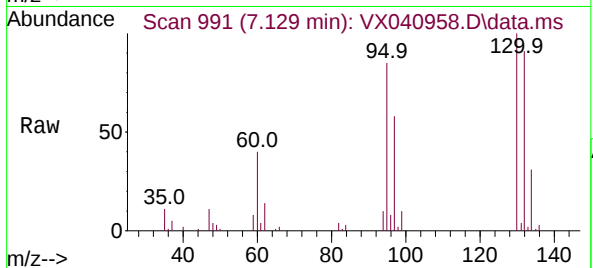
Tgt Ion: 78 Resp: 69972



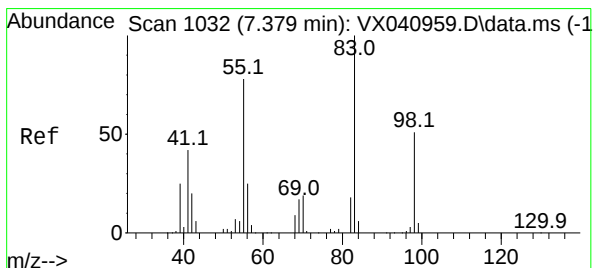
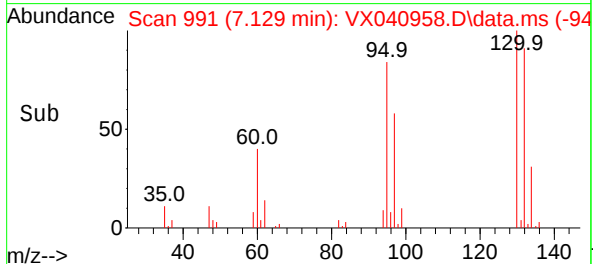
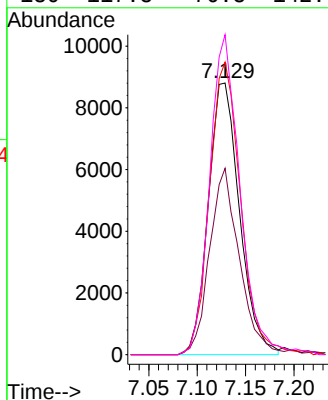


#34
Trichloroethene
Concen: 9.686 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :

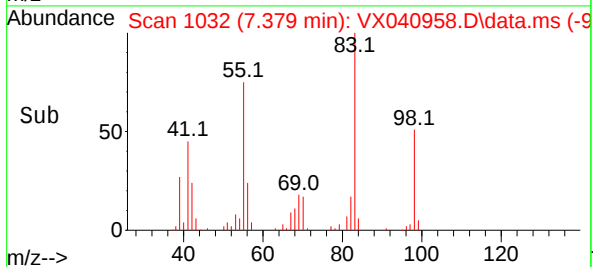
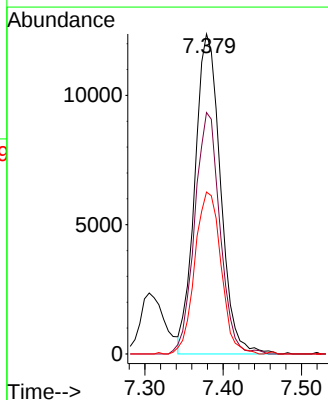
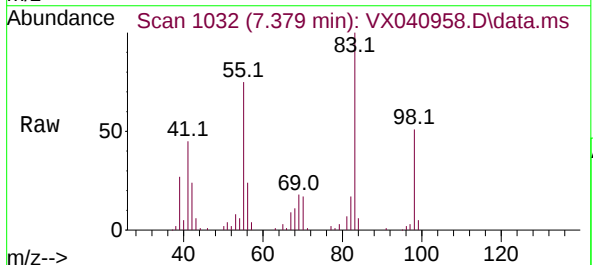


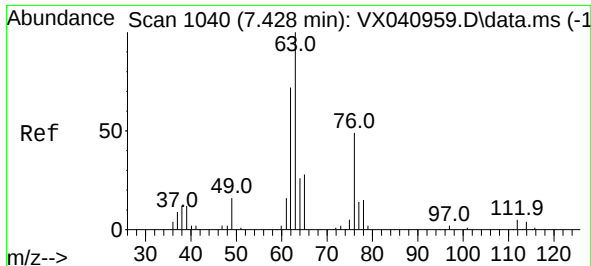
Tgt Ion: 95 Resp: 19799
Ion Ratio Lower Upper
95 100
97 68.6 43.2 80.2
132 107.7 74.3 138.1
130 117.8 76.8 142.6



#35
Methylcyclohexane
Concen: 9.706 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

Tgt Ion: 83 Resp: 28136
Ion Ratio Lower Upper
83 100
55 74.0 58.9 88.3
98 51.8 40.9 61.3

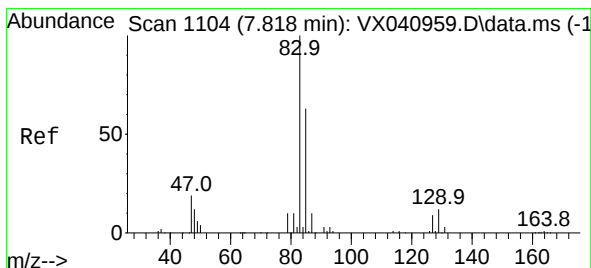
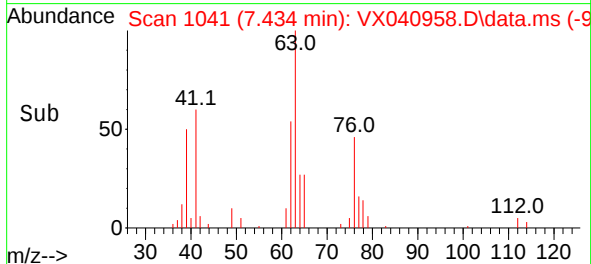
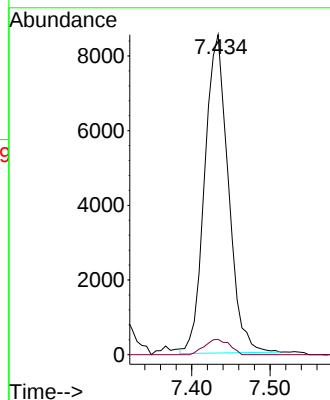
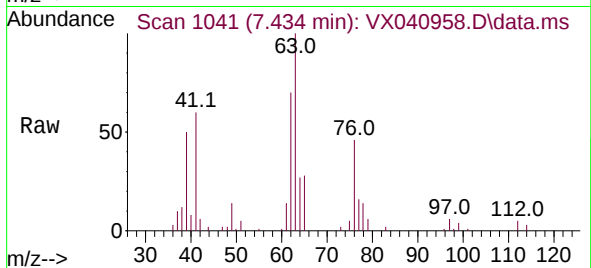




#37
1,2-Dichloropropane
Concen: 9.677 ug/L
RT: 7.434 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

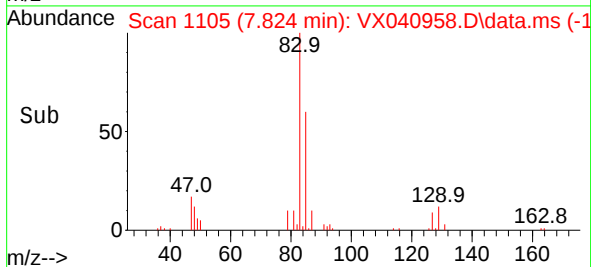
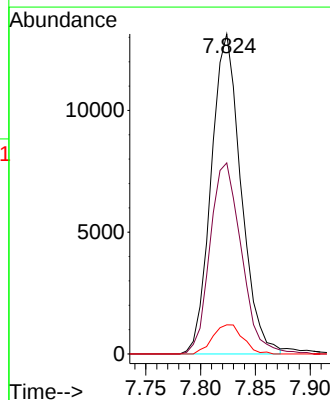
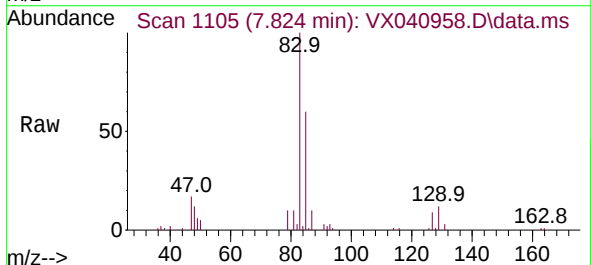
Instrument :
MSVOA_X
ClientSampleId :

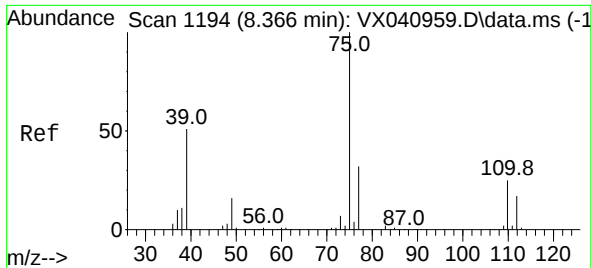
Tgt Ion: 63 Resp: 17848
Ion Ratio Lower Upper
63 100
112 5.1 4.2 6.2



#38
Bromodichloromethane
Concen: 9.627 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

Tgt Ion: 83 Resp: 24892
Ion Ratio Lower Upper
83 100
85 59.7 44.3 82.3
127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 9.181 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

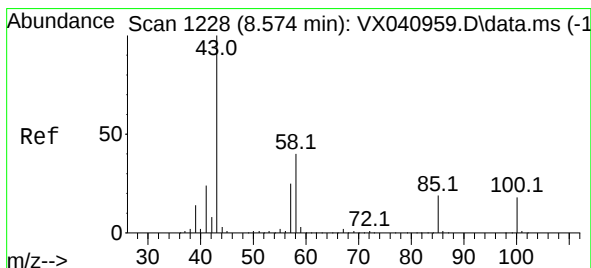
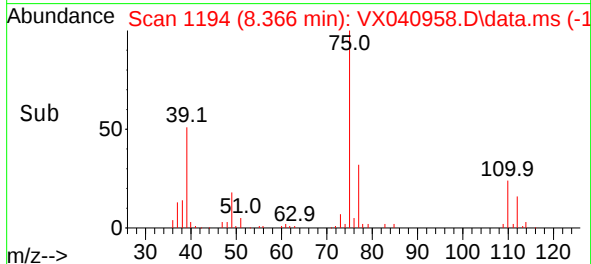
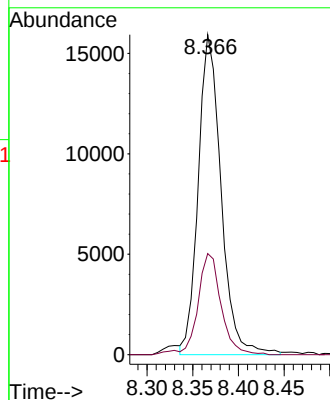
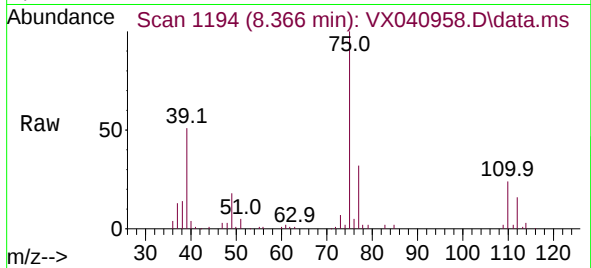
ClientSampleId :

Tgt Ion: 75 Resp: 27667

Ion Ratio Lower Upper

75 100

77 31.6 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 19.115 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

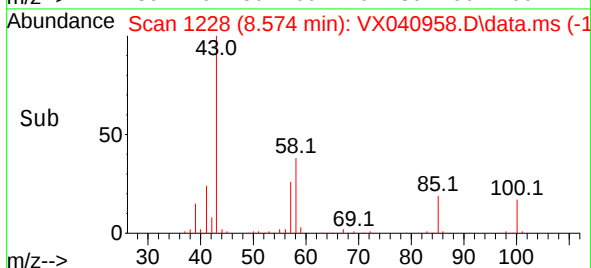
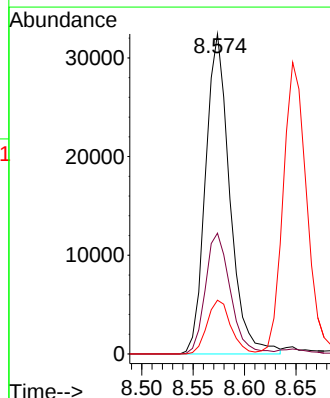
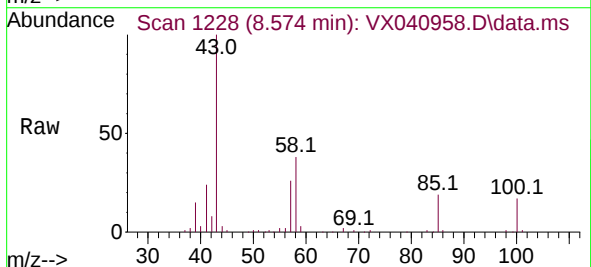
Tgt Ion: 43 Resp: 53393

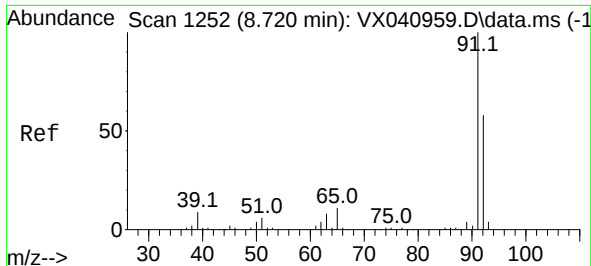
Ion Ratio Lower Upper

43 100

58 38.9 31.1 46.7

100 16.5 14.2 21.2





#42

Toluene

Concen: 9.920 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

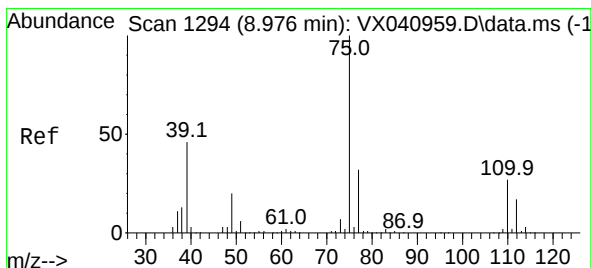
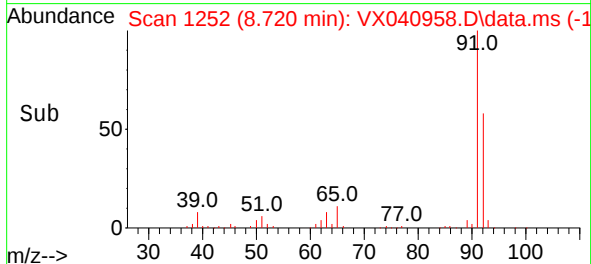
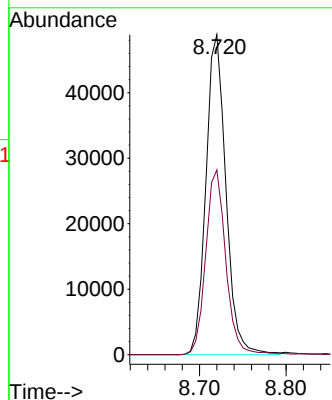
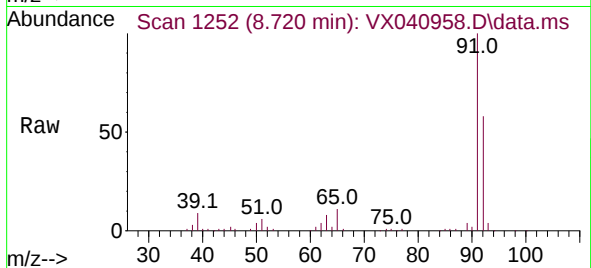
ClientSampleId :

Tgt Ion: 91 Resp: 78279

Ion Ratio Lower Upper

91 100

92 57.7 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 8.989 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX040958.D

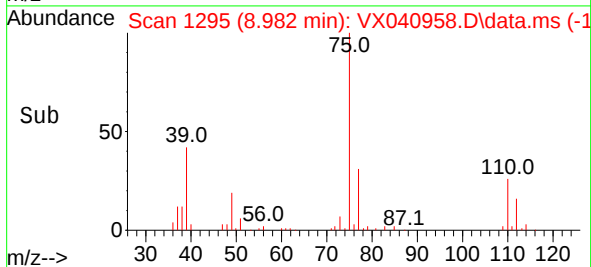
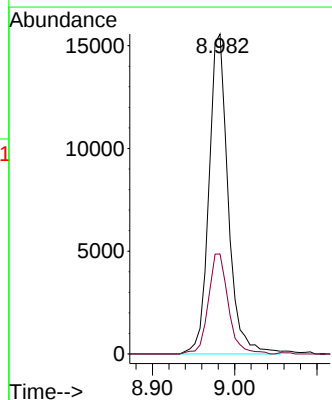
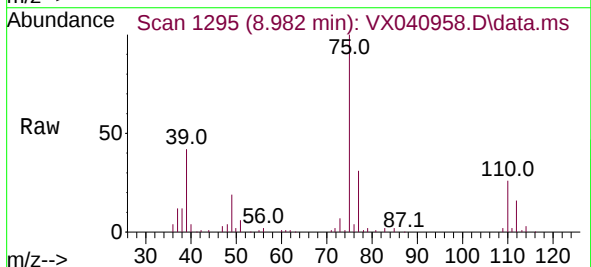
Acq: 10 Apr 2024 16:29

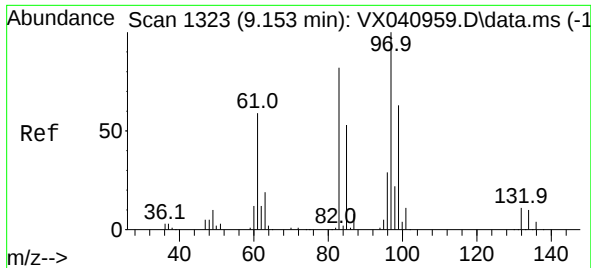
Tgt Ion: 75 Resp: 25314

Ion Ratio Lower Upper

75 100

77 31.2 22.2 41.2

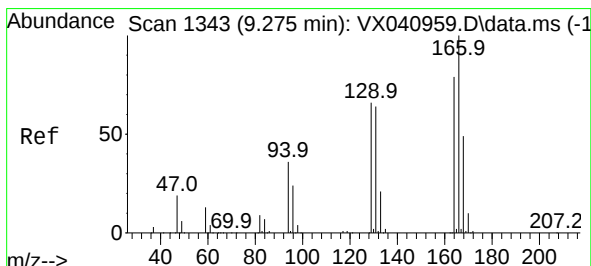
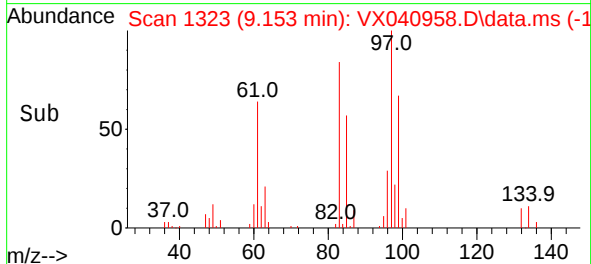
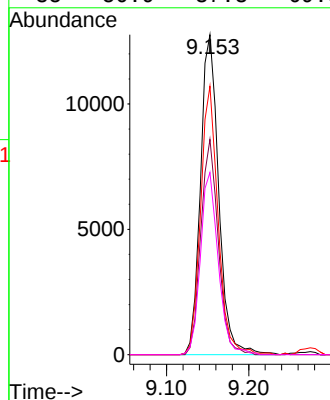
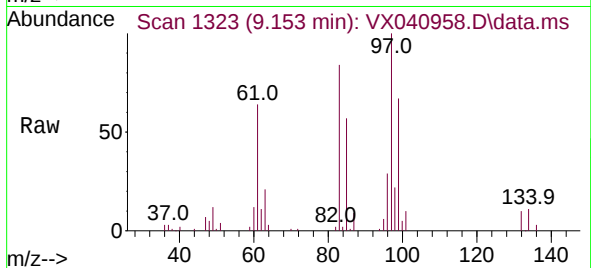




#45
1,1,2-Trichloroethane
Concen: 9.815 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

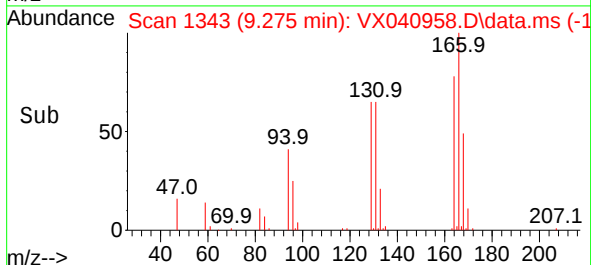
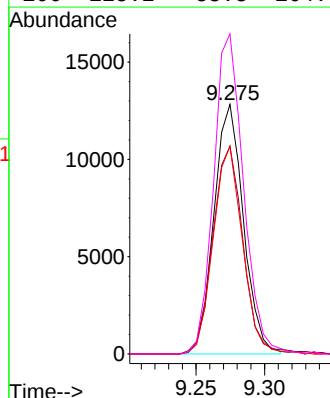
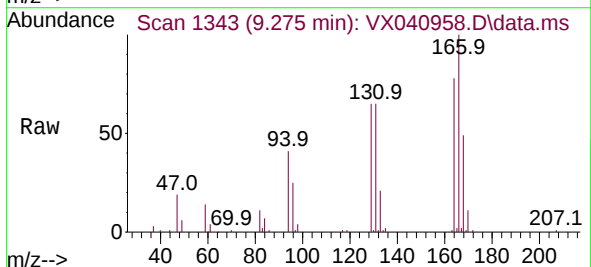
Instrument :
MSVOA_X
ClientSampleId :

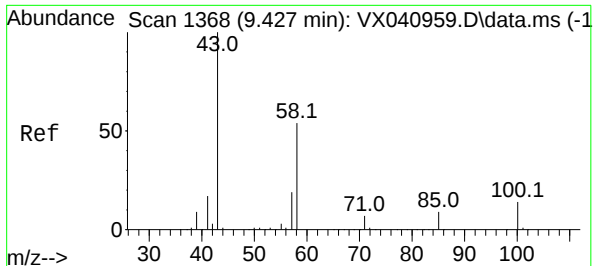
Tgt Ion:	97	Resp:	19664
Ion	Ratio	Lower	Upper
97	100		
99	67.3	44.1	81.9
83	83.9	57.2	106.2
85	56.9	37.3	69.3



#46
Tetrachloroethene
Concen: 9.972 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

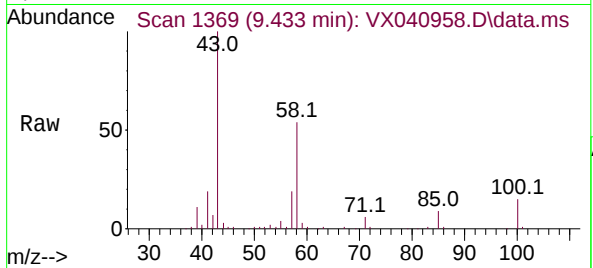
Tgt Ion:	164	Resp:	19198
Ion	Ratio	Lower	Upper
164	100		
129	83.2	58.9	109.5
131	83.2	56.6	105.2
166	128.2	88.8	164.8





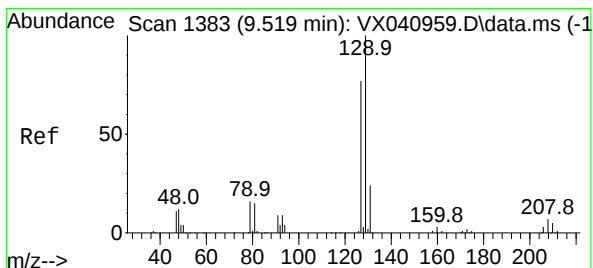
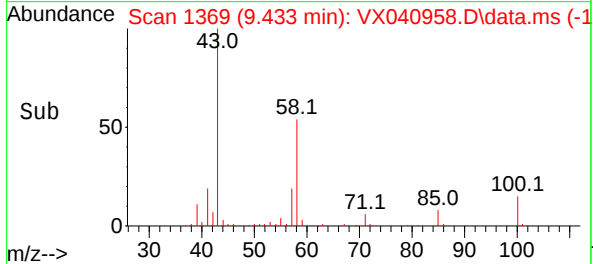
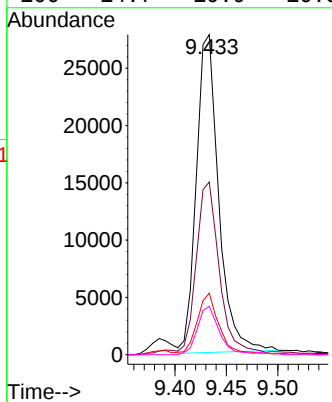
#48
2-Hexanone
Concen: 18.686 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 42168

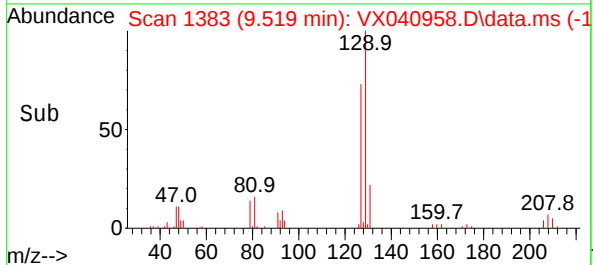
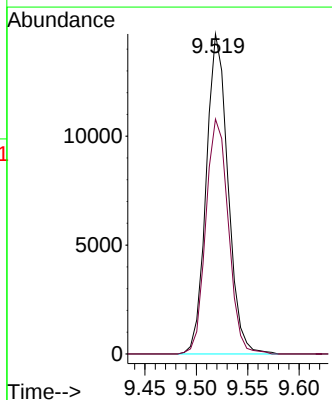
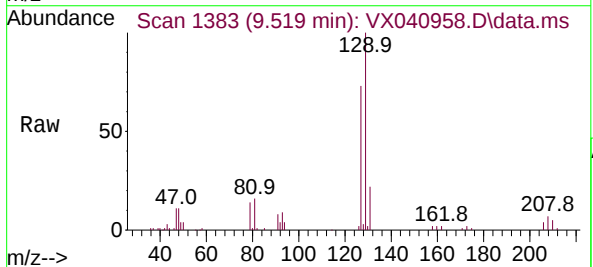
Ion	Ratio	Lower	Upper
43	100		
58	55.8	43.2	64.8
57	19.1	15.4	23.2
100	14.7	10.9	16.3

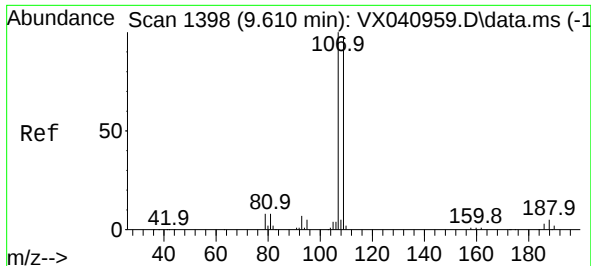


#49
Dibromochloromethane
Concen: 9.592 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

Tgt Ion: 129 Resp: 21673

Ion	Ratio	Lower	Upper
129	100		
127	73.4	54.0	100.2

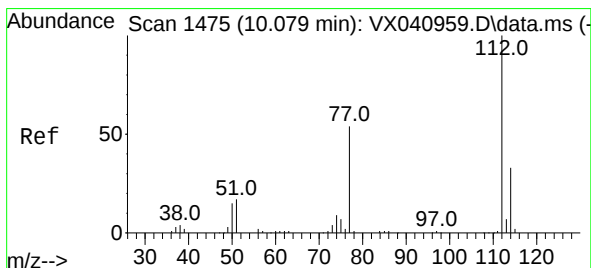
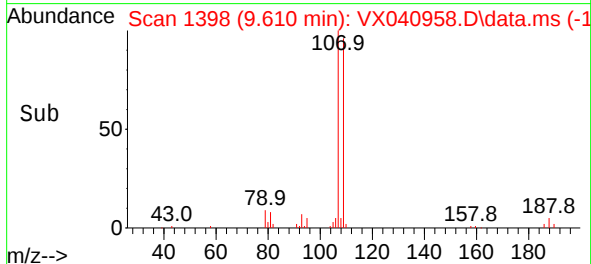
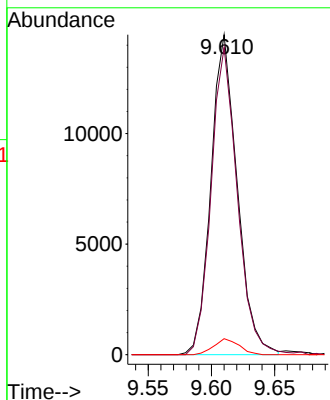
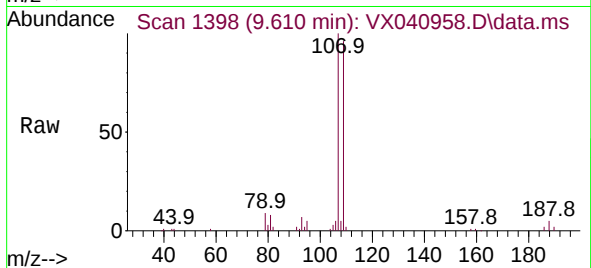




#50
1,2-Dibromoethane
Concen: 9.682 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

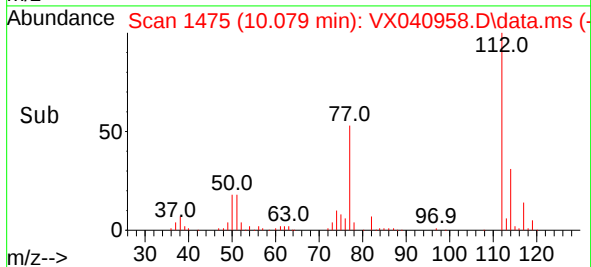
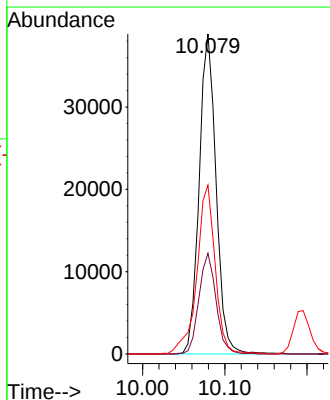
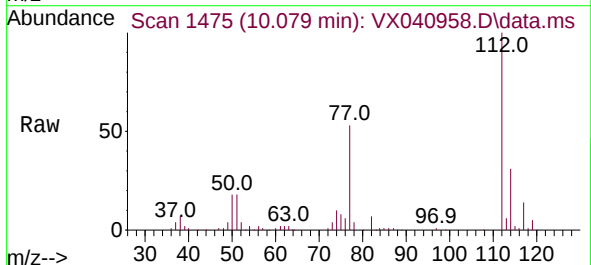
Instrument :
MSVOA_X
ClientSampleId :

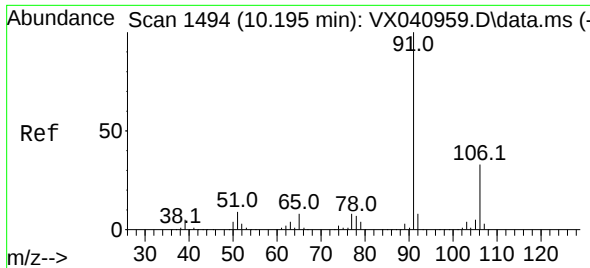
Tgt Ion:107 Resp: 20925
Ion Ratio Lower Upper
107 100
109 96.0 67.7 125.7
188 5.0 3.8 5.6



#51
Chlorobenzene
Concen: 10.065 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

Tgt Ion:112 Resp: 55663
Ion Ratio Lower Upper
112 100
114 31.5 23.0 42.8
77 52.7 43.4 65.0





#52

Ethylbenzene

Concen: 9.900 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

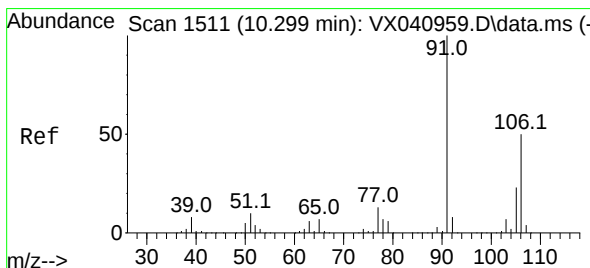
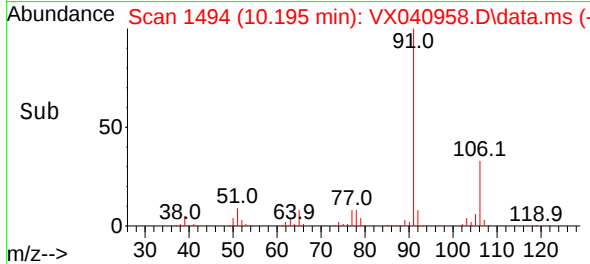
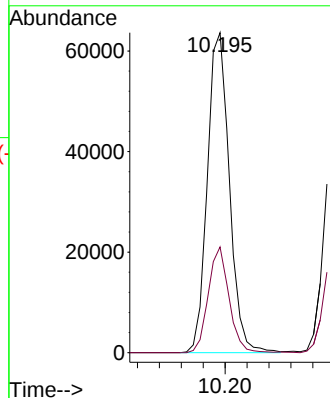
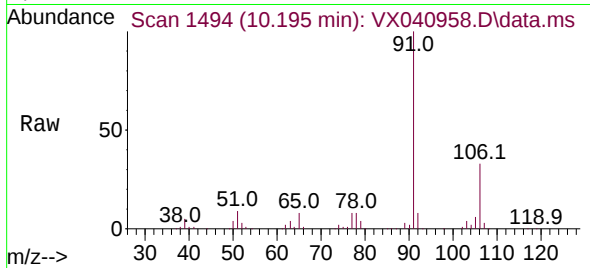
ClientSampleId :

Tgt Ion: 91 Resp: 88639

Ion Ratio Lower Upper

91 100

106 33.0 23.0 42.8



#53

m,p-Xylene

Concen: 9.878 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040958.D

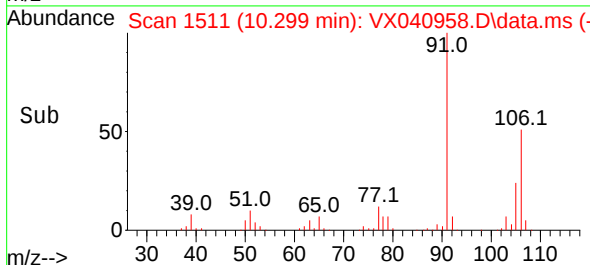
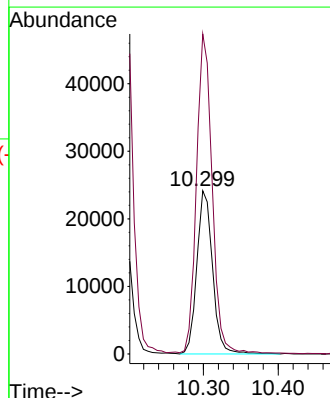
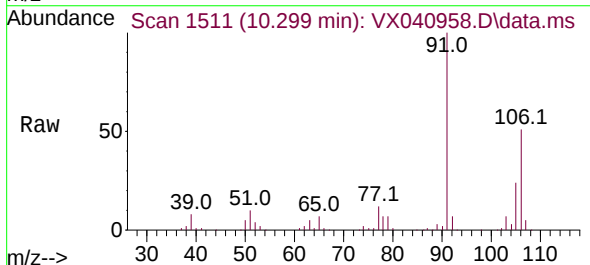
Acq: 10 Apr 2024 16:29

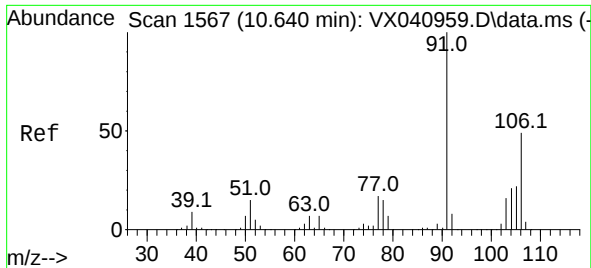
Tgt Ion:106 Resp: 35262

Ion Ratio Lower Upper

106 100

91 196.1 140.4 260.8

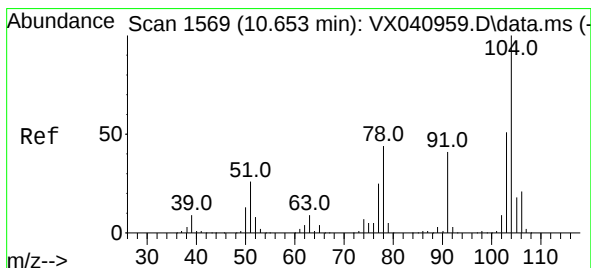
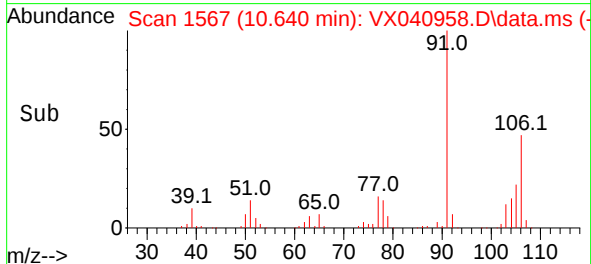
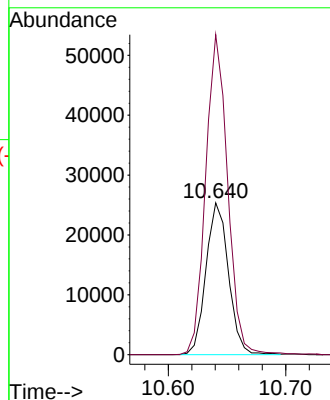
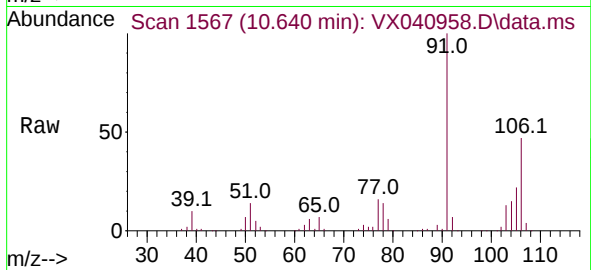




#54
o-Xylene
Concen: 9.821 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

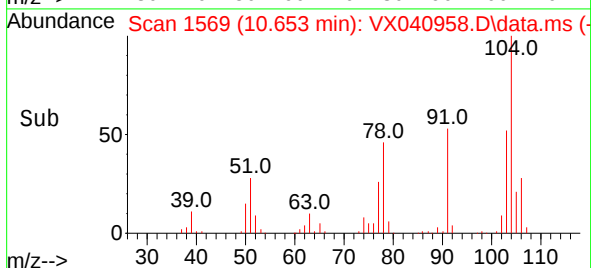
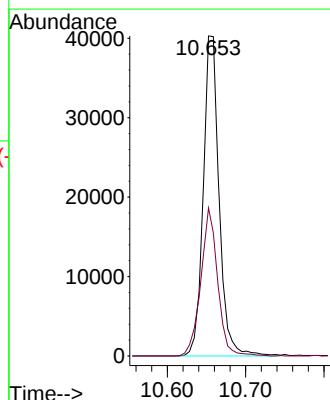
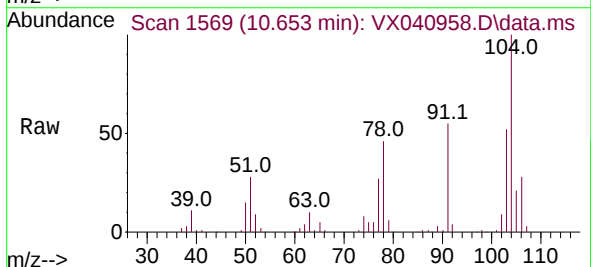
Instrument :
MSVOA_X
ClientSampleId :

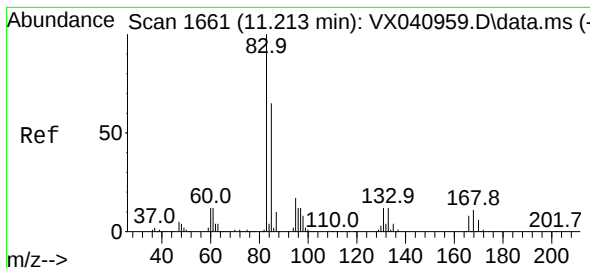
Tgt Ion:106 Resp: 33810
Ion Ratio Lower Upper
106 100
91 210.8 144.0 267.4



#55
Styrene
Concen: 9.589 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040958.D
Acq: 10 Apr 2024 16:29

Tgt Ion:104 Resp: 56756
Ion Ratio Lower Upper
104 100
78 46.3 30.7 56.9





#57

1,1,2,2-Tetrachloroethane

Concen: 10.290 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

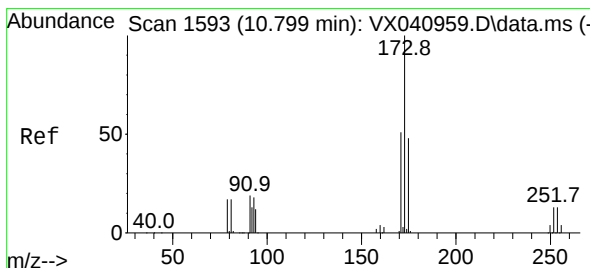
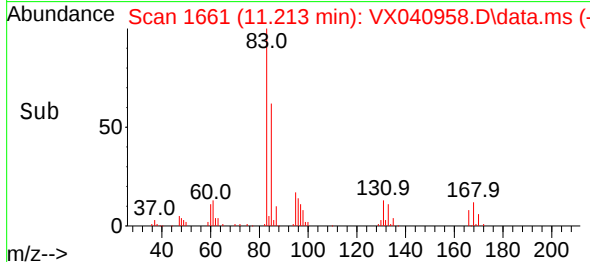
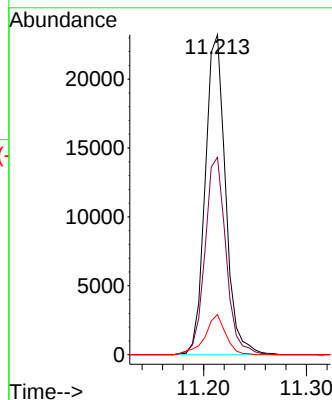
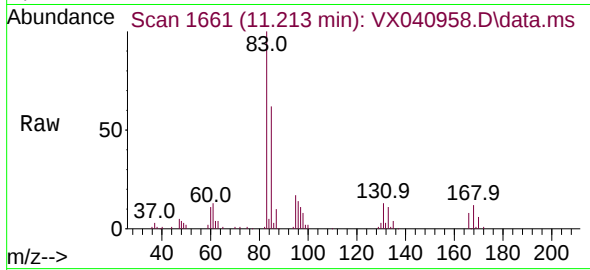
Tgt Ion: 83 Resp: 31941

Ion Ratio Lower Upper

83 100

85 61.7 45.8 85.0

131 12.5 9.4 14.2



#59

Bromoform

Concen: 8.731 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

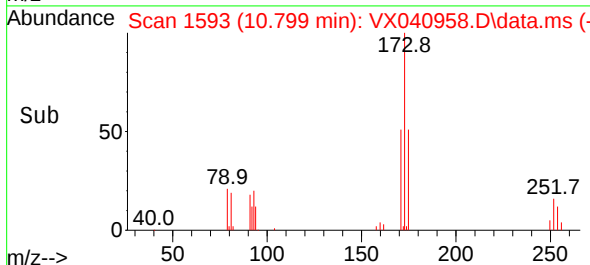
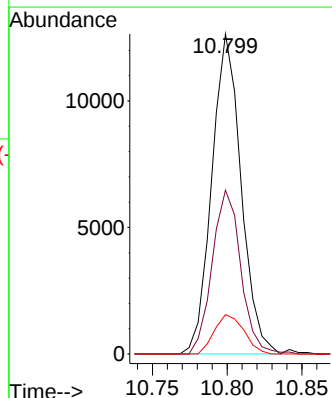
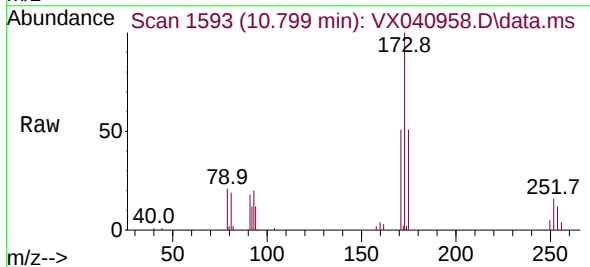
Tgt Ion:173 Resp: 17214

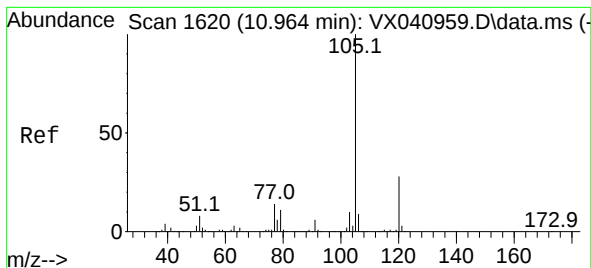
Ion Ratio Lower Upper

173 100

175 50.0 39.0 58.4

254 12.4 10.4 15.6





#60

Isopropylbenzene

Concen: 9.664 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

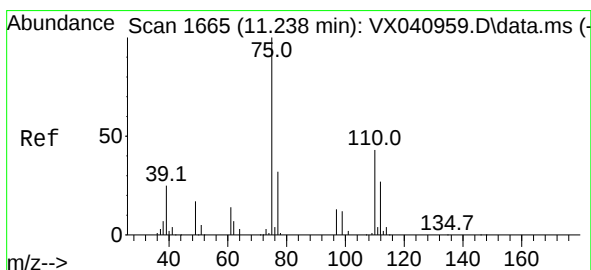
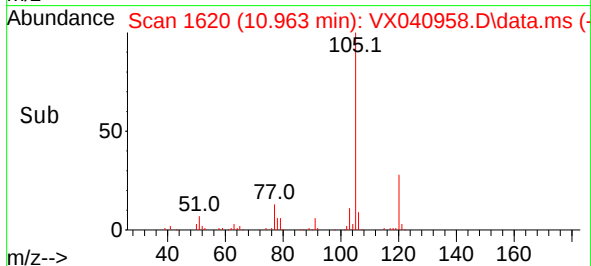
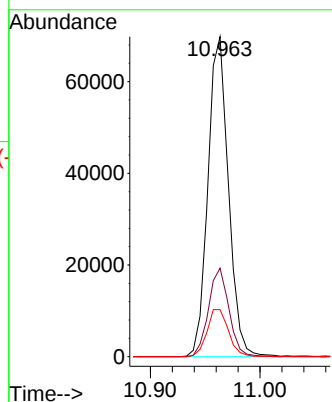
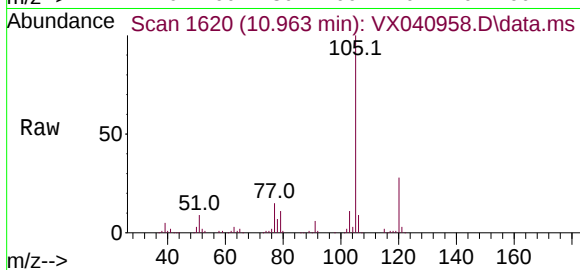
Tgt Ion:105 Resp: 90767

Ion Ratio Lower Upper

105 100

120 27.6 21.9 32.9

77 15.5 11.8 17.8



#61

1,2,3-Trichloropropane

Concen: 9.980 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

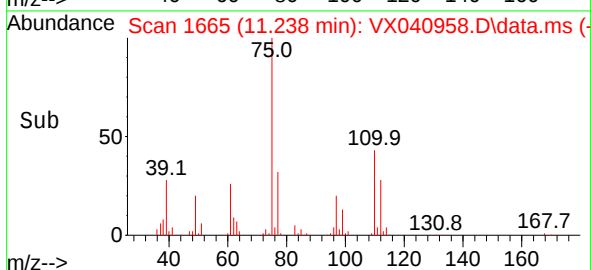
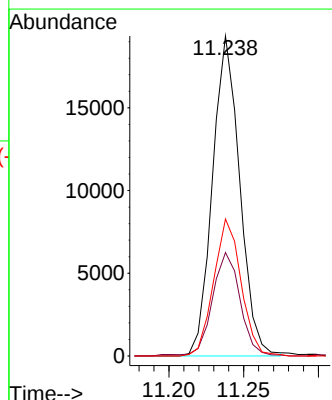
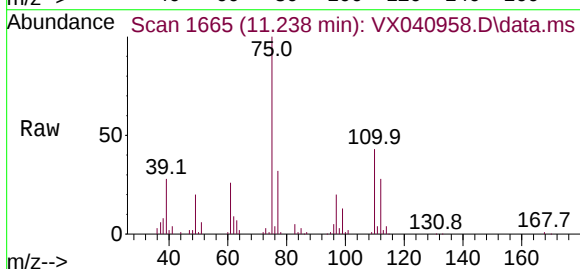
Tgt Ion: 75 Resp: 24481

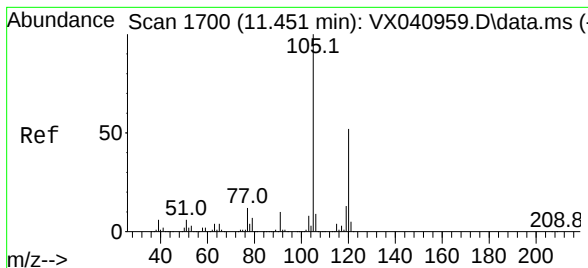
Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.8

110 43.1 35.2 52.8





#62

1,3,5-Trimethylbenzene

Concen: 9.449 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

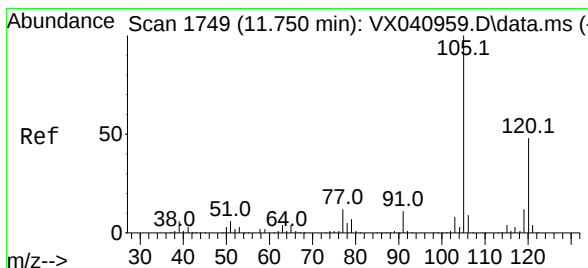
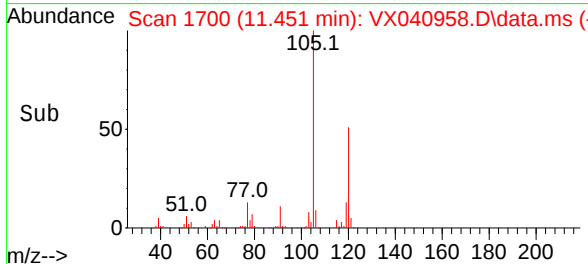
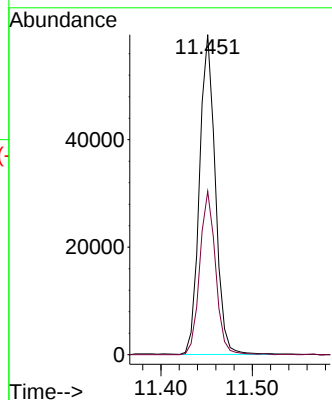
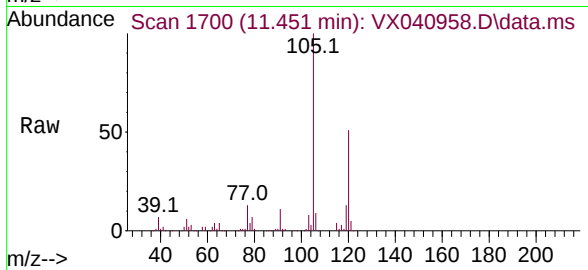
ClientSampleId :

Tgt Ion:105 Resp: 71541

Ion Ratio Lower Upper

105 100

120 50.8 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 9.495 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040958.D

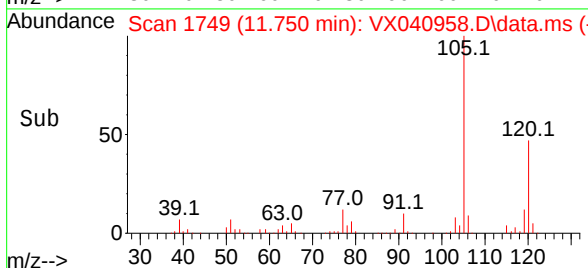
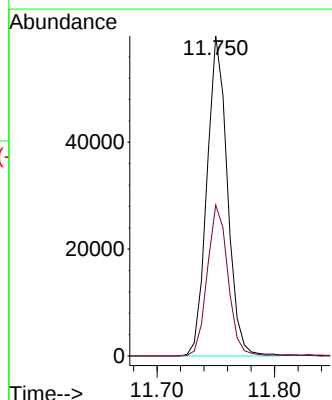
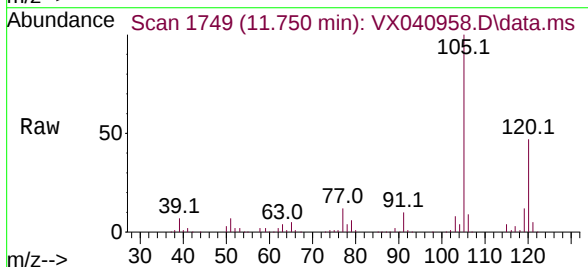
Acq: 10 Apr 2024 16:29

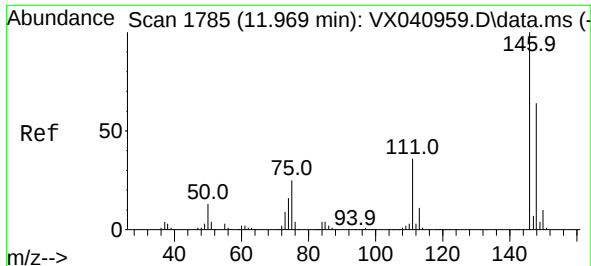
Tgt Ion:105 Resp: 72367

Ion Ratio Lower Upper

105 100

120 47.7 37.8 56.6





#64

1,3-Dichlorobenzene

Concen: 10.001 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

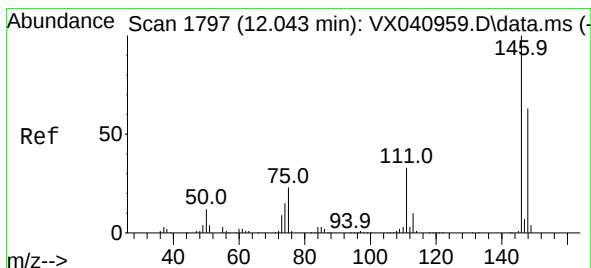
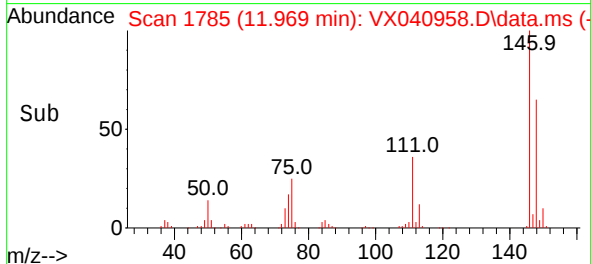
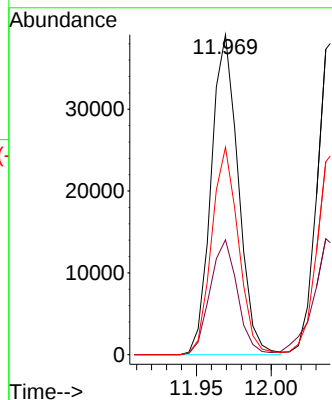
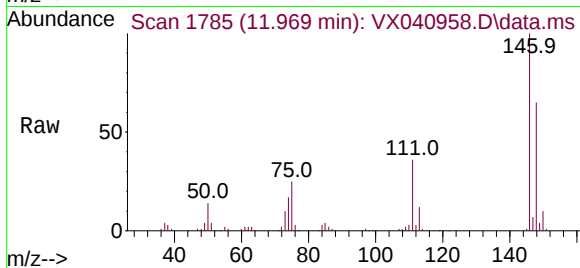
Tgt Ion:146 Resp: 49287

Ion Ratio Lower Upper

146 100

111 35.9 25.3 47.1

148 64.8 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 10.033 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

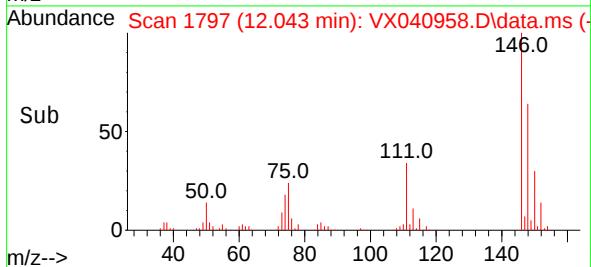
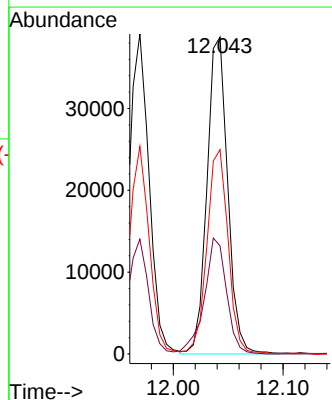
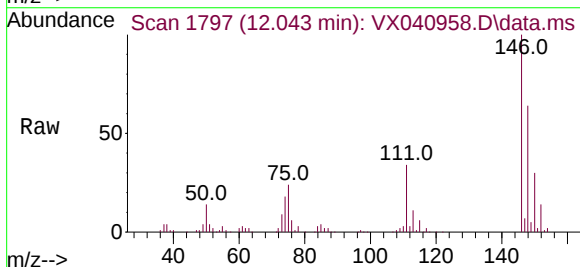
Tgt Ion:146 Resp: 50758

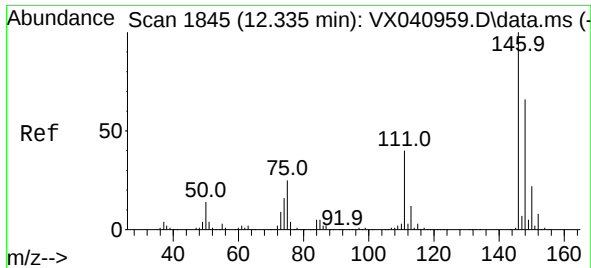
Ion Ratio Lower Upper

146 100

111 34.1 23.4 43.6

148 64.5 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 9.984 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

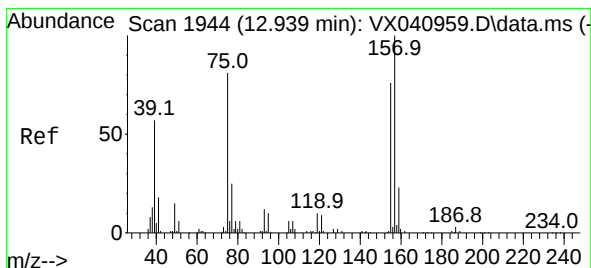
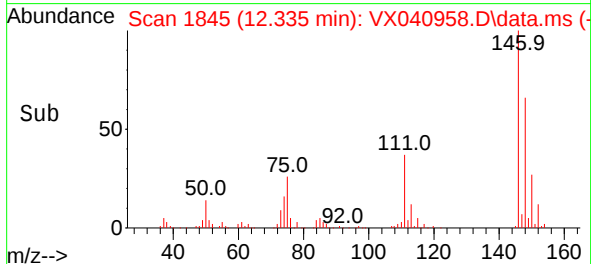
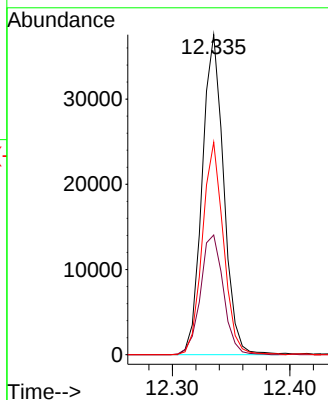
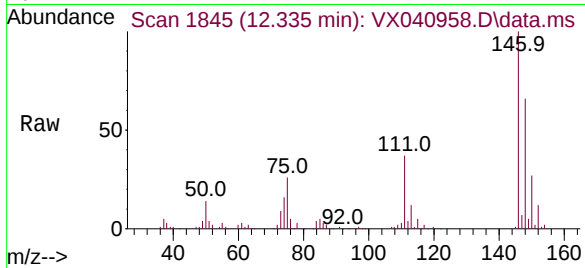
Tgt Ion:146 Resp: 47730

Ion Ratio Lower Upper

146 100

111 37.4 31.8 47.8

148 66.4 53.2 79.8



#68

1,2-Dibromo-3-chloropropane

Concen: 9.352 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

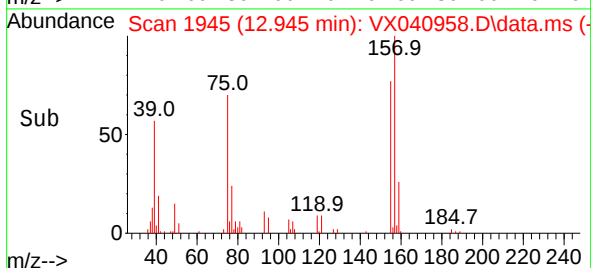
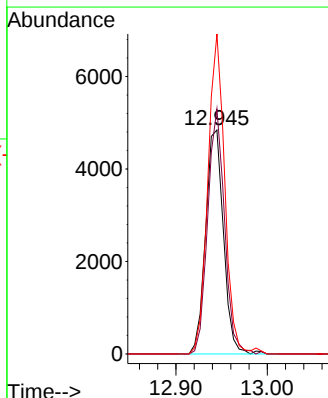
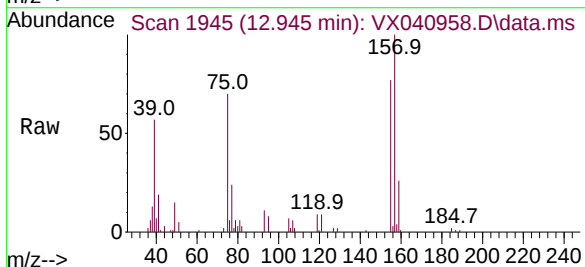
Tgt Ion: 75 Resp: 6561

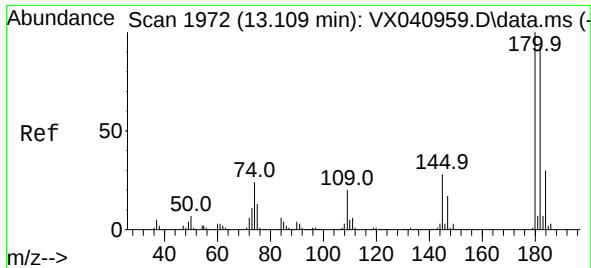
Ion Ratio Lower Upper

75 100

155 109.4 75.6 113.4

157 142.8 99.1 148.7





#69

1,3,5-Trichlorobenzene

Concen: 10.007 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

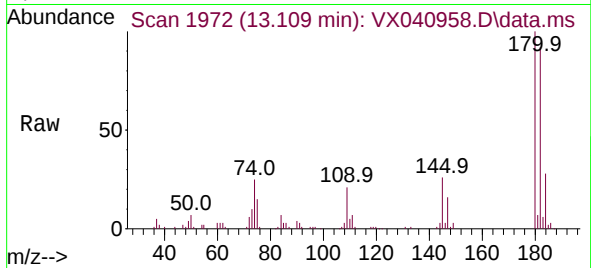
Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 37767

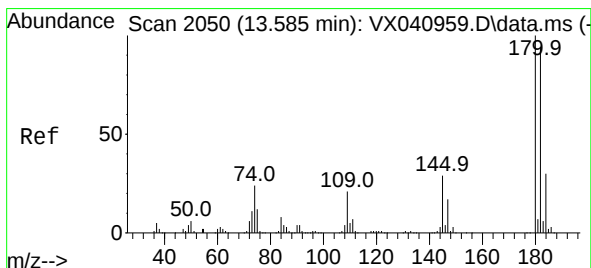
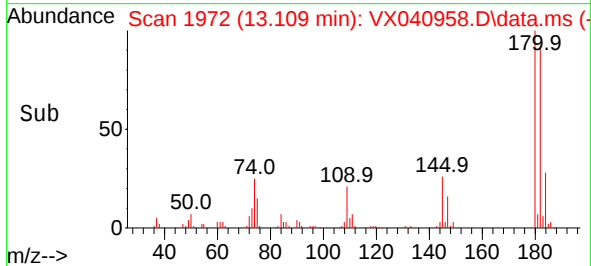
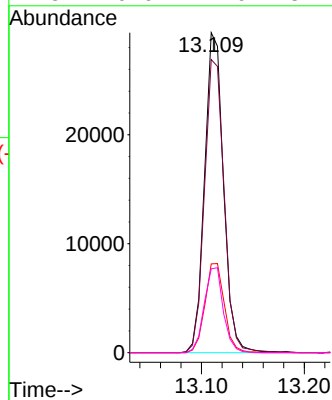
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

184 28.6 24.4 36.6

145 26.6 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 9.644 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

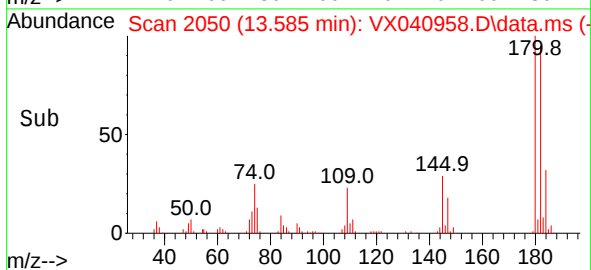
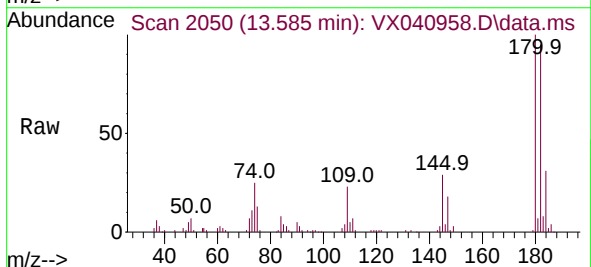
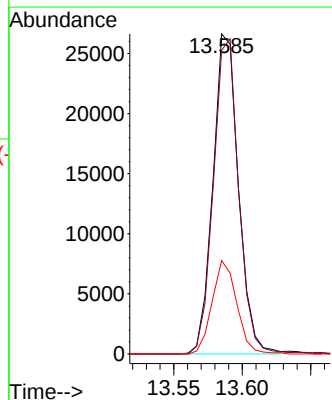
Tgt Ion:180 Resp: 34492

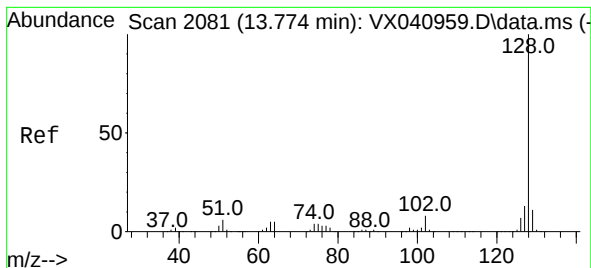
Ion Ratio Lower Upper

180 100

182 97.1 76.8 115.2

145 28.2 22.3 33.5





#71

Naphthalene

Concen: 9.372 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

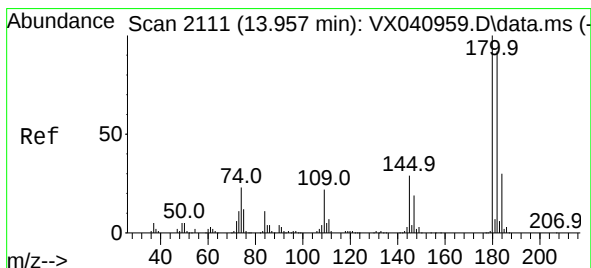
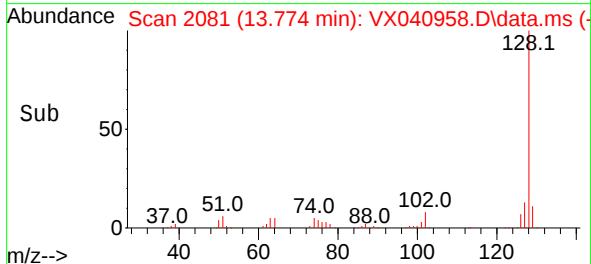
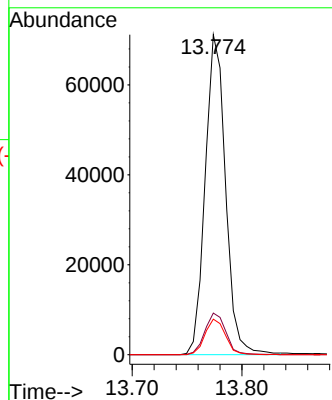
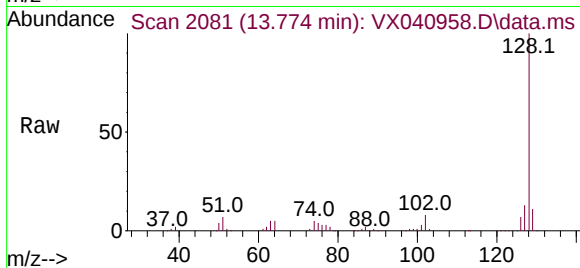
Tgt Ion:128 Resp: 91858

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 9.974 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040958.D

Acq: 10 Apr 2024 16:29

Tgt Ion:180 Resp: 34986

Ion Ratio Lower Upper

180 100

182 93.7 77.0 115.6

145 29.2 23.4 35.2

