

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070424\
 Data File : VX042178.D
 Acq On : 03 Jul 2024 21:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 05:04:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 04:57:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	282792	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	266088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142196	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	77580	47.132	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.260%
7) Chloroethane-d5	1.648	69	47999	46.314	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.620%
11) 1,1-Dichloroethene-d2	2.294	65	34202	47.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.960%
21) 2-Butanone-d5	4.464	46	116812	98.476	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.480%
24) Chloroform-d	5.062	84	157052	47.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.900%
26) 1,2-Dichloroethane-d4	5.958	65	92766	47.488	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
32) Benzene-d6	5.970	84	323686	47.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
36) 1,2-Dichloropropane-d6	7.305	67	97655	47.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.360%
41) Toluene-d8	8.646	98	304011	47.433	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.860%
43) trans-1,3-Dichloroprop...	8.951	79	43089	48.168	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.340%
47) 2-Hexanone-d5	9.384	63	93888	99.932	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.930%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	147360	48.157	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.320%
66) 1,2-Dichlorobenzene-d4	12.323	152	131527	47.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	99427	49.154	ug/L	99
3) Chloromethane	1.300	50	102118	49.957	ug/L	99
5) Vinyl chloride	1.373	62	99798	49.637	ug/L	98
6) Bromomethane	1.599	94	55467	50.630	ug/L	98
8) Chloroethane	1.666	64	52488	52.376	ug/L	98
9) Trichlorofluoromethane	1.873	101	126919	48.504	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	89119	49.420	ug/L	99
12) 1,1-Dichloroethene	2.306	96	85313	49.946	ug/L	97
13) Acetone	2.392	43	80819	99.875	ug/L	98
14) Carbon disulfide	2.501	76	216678	50.990	ug/L	98
15) Methyl Acetate	2.709	43	103570	50.374	ug/L	100
16) Methylene chloride	2.788	84	100778	47.821	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	87343	49.716	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	288156	50.157	ug/L	100
19) 1,1-Dichloroethane	3.605	63	158124	50.122	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	101826	49.335	ug/L	98
22) 2-Butanone	4.568	43	138642	102.354	ug/L	98
23) Bromochloromethane	4.903	128	55837	50.621	ug/L	96
25) Chloroform	5.092	83	165599	50.063	ug/L	99

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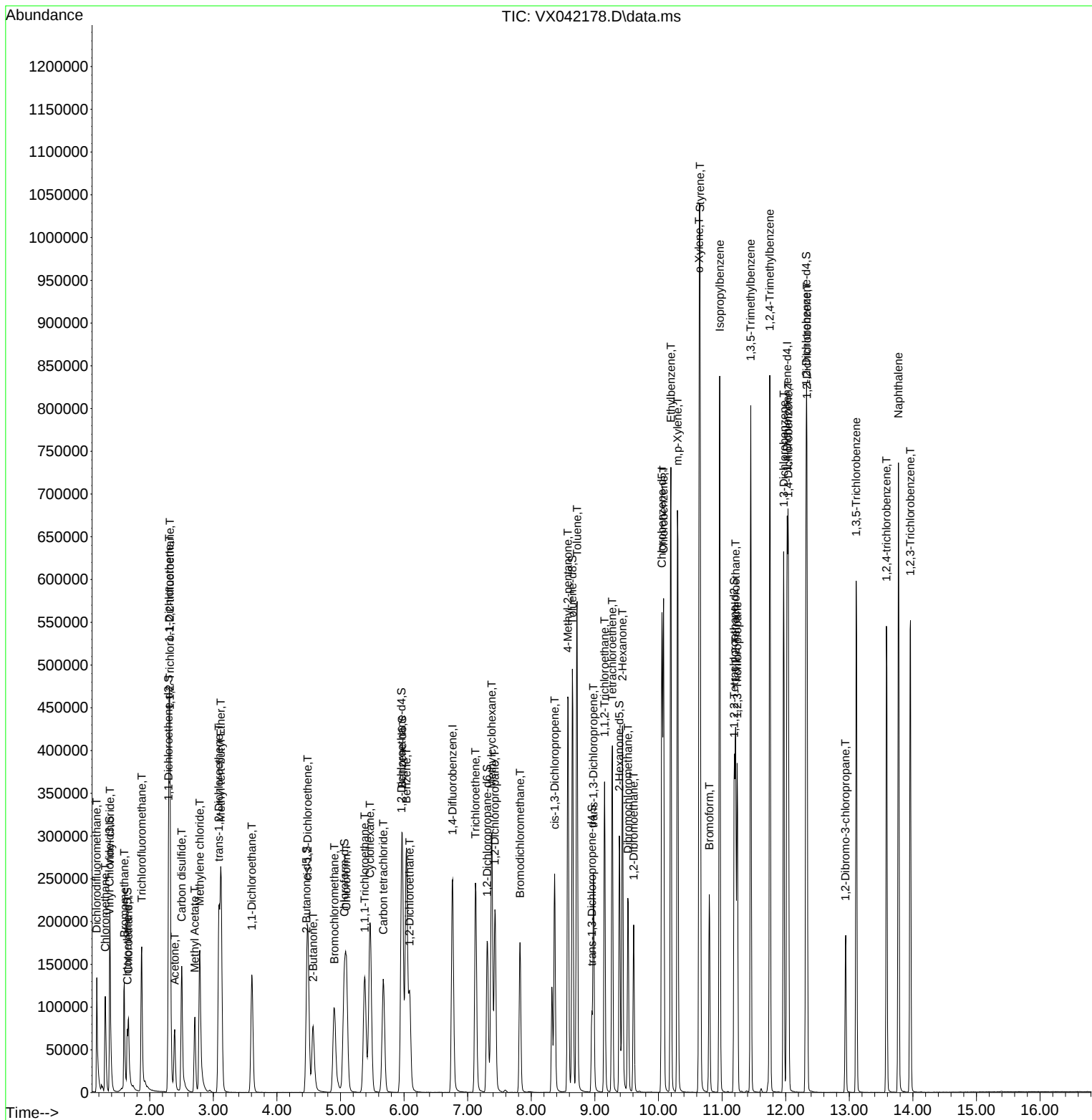
Instrument :
 MSVOA_X
 ClientSampleId :

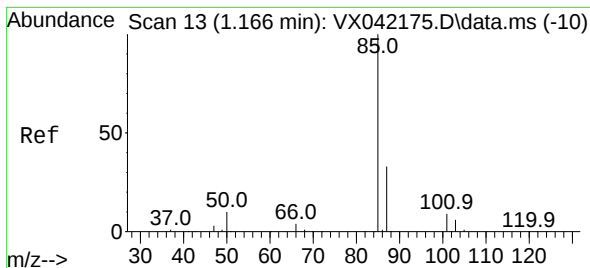
Quant Time: Jul 04 05:04:34 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 04:57:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	123321	50.307	ug/L	99
29) Cyclohexane	5.464	56	143430	49.876	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	141601	48.879	ug/L	100
31) Carbon tetrachloride	5.671	117	125746	49.693	ug/L	100
33) Benzene	6.037	78	363841	48.897	ug/L	100
34) Trichloroethene	7.122	95	95925	49.215	ug/L	98
35) Methylcyclohexane	7.378	83	147786	50.006	ug/L	99
37) 1,2-Dichloropropane	7.427	63	94496	49.495	ug/L	99
38) Bromodichloromethane	7.823	83	116981	50.036	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	144743	51.488	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	278344	102.213	ug/L	99
42) Toluene	8.720	91	395158	49.770	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	127802	50.706	ug/L	99
45) 1,1,2-Trichloroethane	9.152	97	101501	49.687	ug/L	97
46) Tetrachloroethene	9.274	164	89258	48.924	ug/L	99
48) 2-Hexanone	9.433	43	215759	100.892	ug/L	99
49) Dibromochloromethane	9.518	129	106183	51.037	ug/L	99
50) 1,2-Dibromoethane	9.610	107	109799	50.046	ug/L	98
51) Chlorobenzene	10.079	112	268182	49.206	ug/L	99
52) Ethylbenzene	10.195	91	433694	50.265	ug/L	99
53) m,p-Xylene	10.299	106	175818	50.626	ug/L	100
54) o-Xylene	10.640	106	175279	50.527	ug/L	99
55) Styrene	10.652	104	297941	51.544	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	163040	49.726	ug/L	99
59) Bromoform	10.799	173	91743	51.472	ug/L	99
60) Isopropylbenzene	10.963	105	452681	50.847	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	124341	49.244	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	346402	51.169	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	376389	51.879	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	225934	50.603	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	228023	50.488	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	230050	50.054	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.938	75	33178	51.330	ug/L	84
69) 1,3,5-Trichlorobenzene	13.109	180	165001	50.863	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	149962	50.824	ug/L	99
71) Naphthalene	13.774	128	472872	51.842	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	159487	51.152	ug/L	99

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

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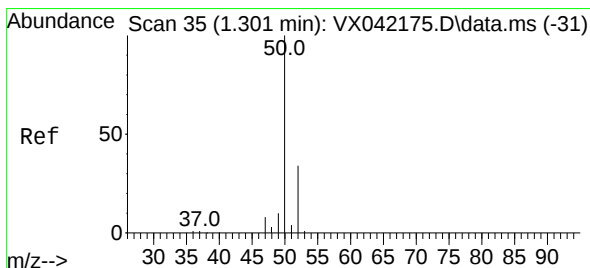
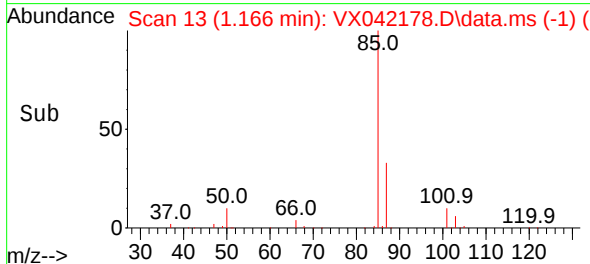
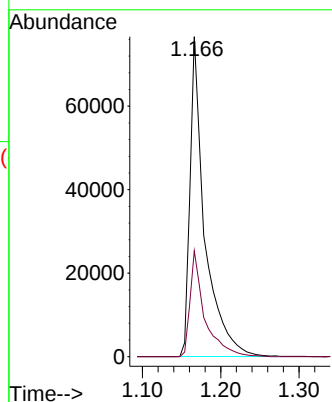
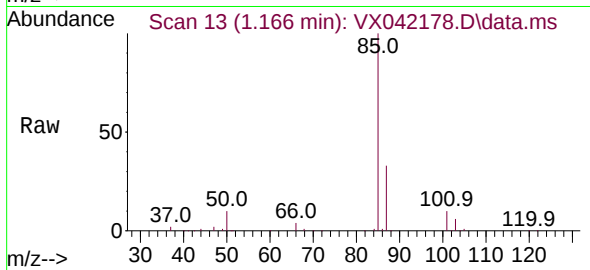




#2
Dichlorodifluoromethane
Concen: 49.154 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

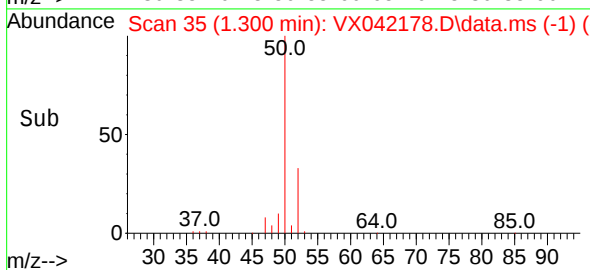
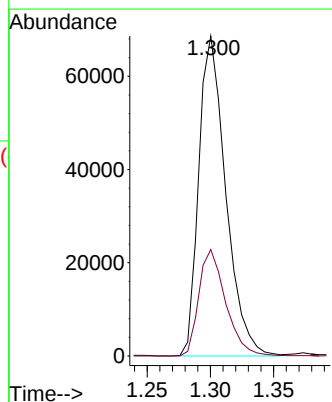
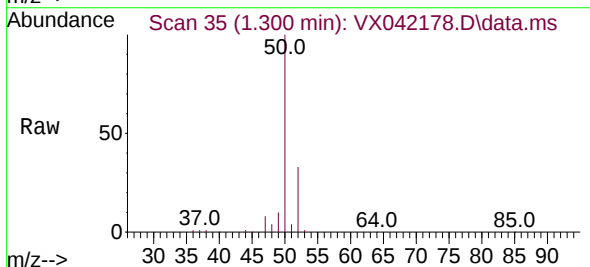
Instrument :
MSVOA_X
ClientSampleId :

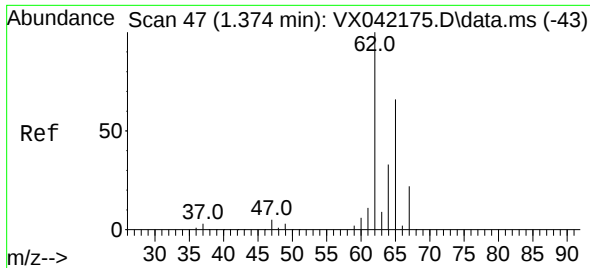
Tgt Ion: 85 Resp: 99427
Ion Ratio Lower Upper
85 100
87 33.1 26.0 39.0



#3
Chloromethane
Concen: 49.957 ug/L
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Tgt Ion: 50 Resp: 102118
Ion Ratio Lower Upper
50 100
52 33.3 23.5 43.7

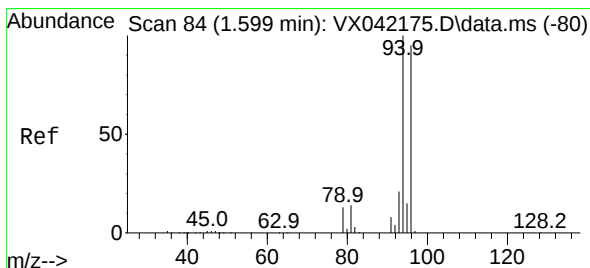
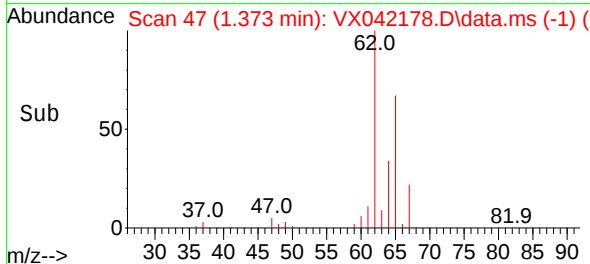
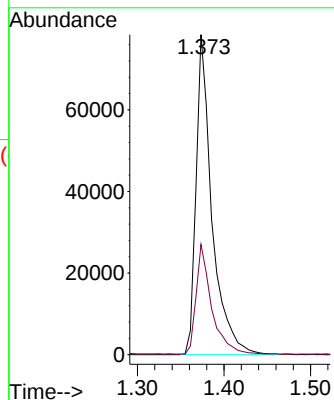
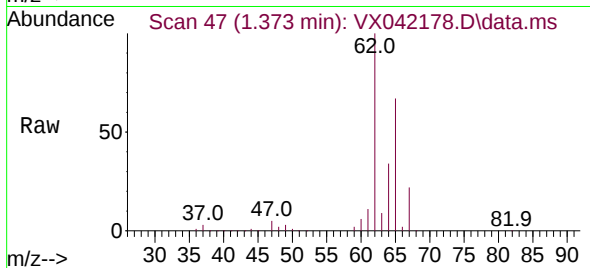




#5
 Vinyl chloride
 Concen: 49.637 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX042178.D
 Acq: 03 Jul 2024 21:48

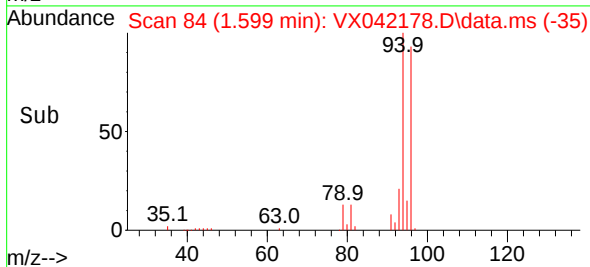
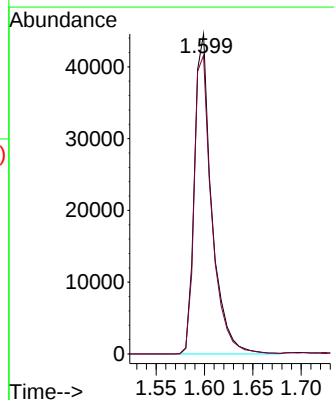
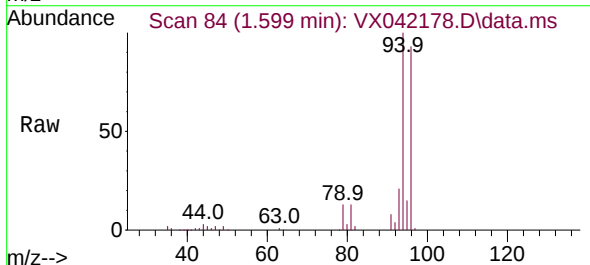
Instrument :
 MSVOA_X
 ClientSampleId :

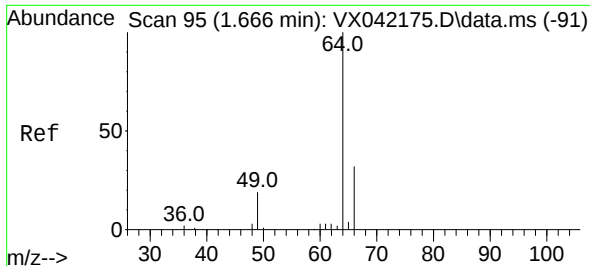
Tgt Ion: 62 Resp: 99798
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.2 43.0



#6
 Bromomethane
 Concen: 50.630 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX042178.D
 Acq: 03 Jul 2024 21:48

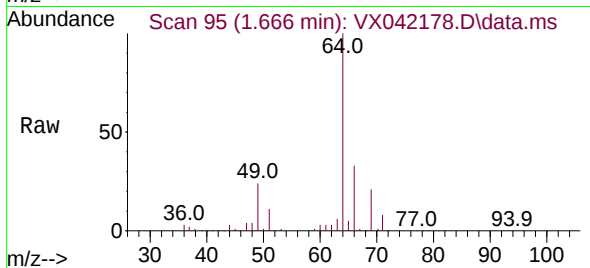
Tgt Ion: 94 Resp: 55467
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.4 123.4



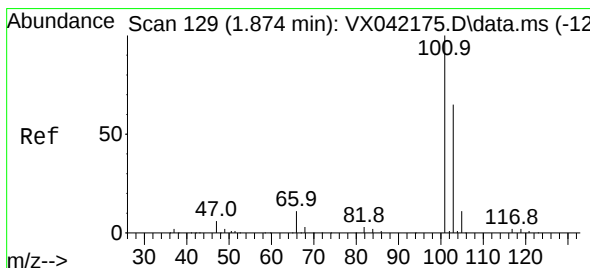
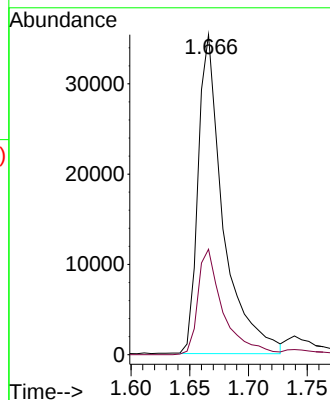
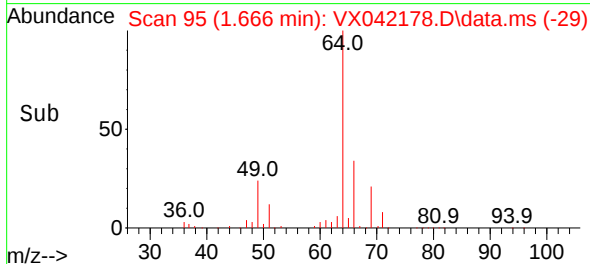


#8
Chloroethane
Concen: 52.376 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :

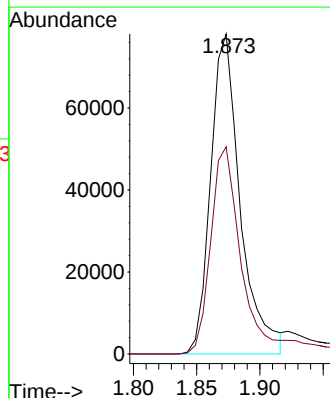
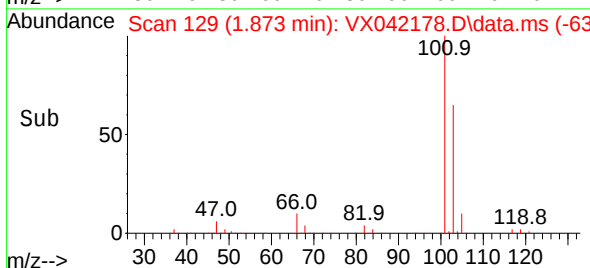
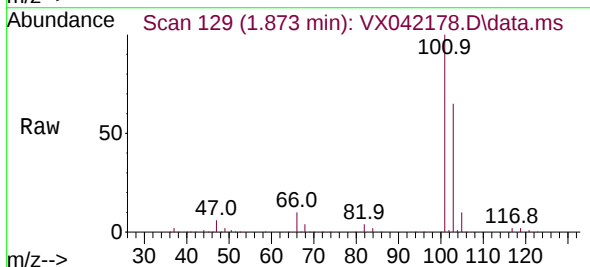


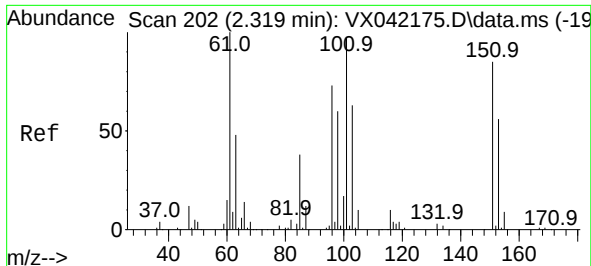
Tgt Ion: 64 Resp: 52488
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 48.504 ug/L
RT: 1.873 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Tgt Ion:101 Resp: 126919
Ion Ratio Lower Upper
101 100
103 64.9 50.2 75.4





#10

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

Concen: 49.420 ug/L

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

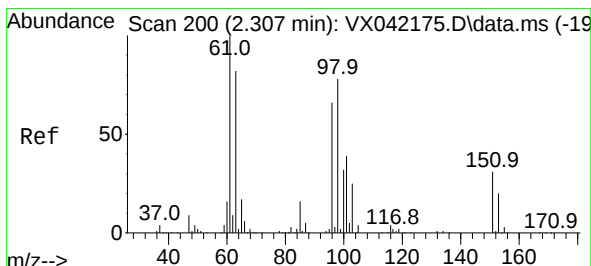
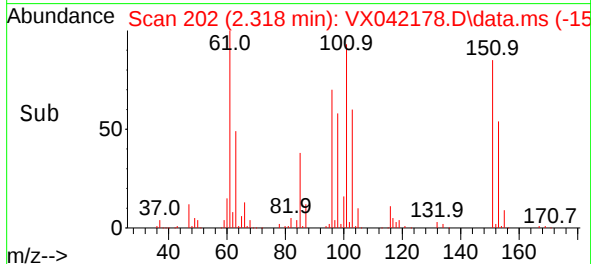
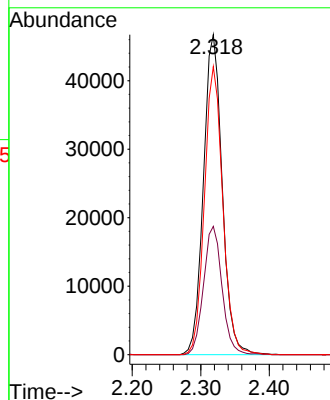
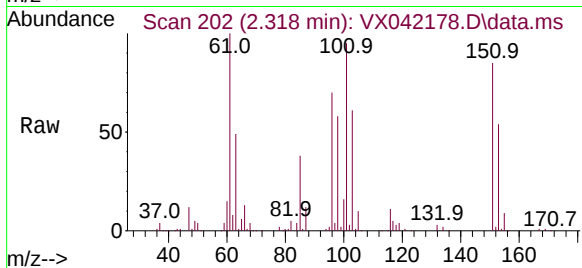
Tgt Ion:101 Resp: 89119

Ion Ratio Lower Upper

101 100

85 39.4 31.3 46.9

151 87.9 69.7 104.5



#12

1,1-Dichloroethene

Concen: 49.946 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

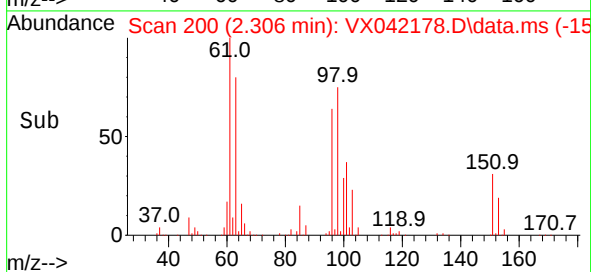
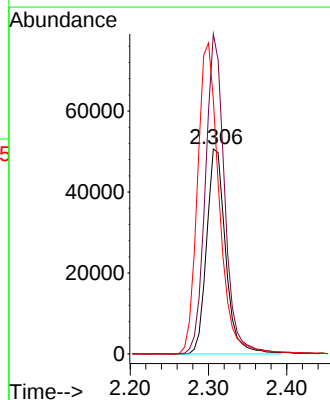
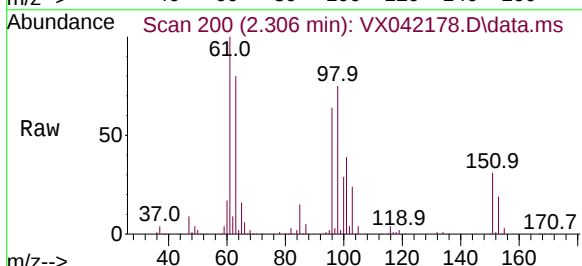
Tgt Ion: 96 Resp: 85313

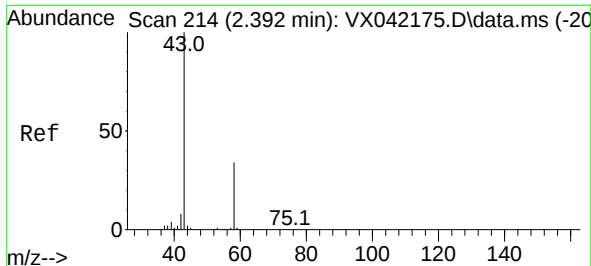
Ion Ratio Lower Upper

96 100

61 156.1 106.7 198.1

63 124.2 89.2 165.6





#13

Acetone

Concen: 99.875 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

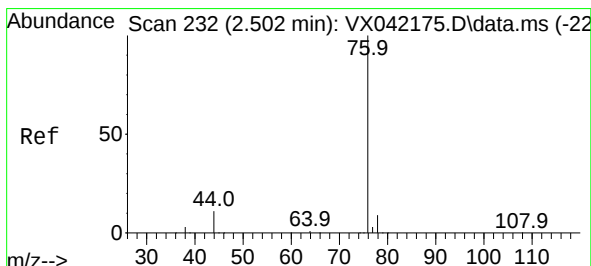
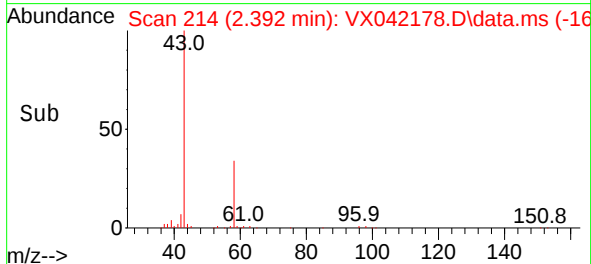
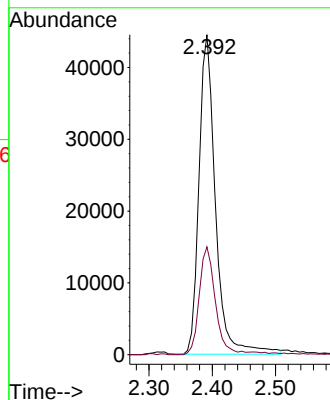
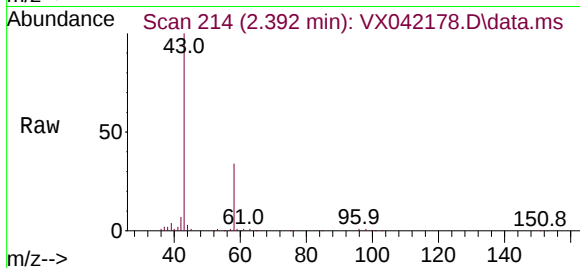
ClientSampleId :

Tgt Ion: 43 Resp: 80819

Ion Ratio Lower Upper

43 100

58 32.5 0.0 62.6



#14

Carbon disulfide

Concen: 50.990 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX042178.D

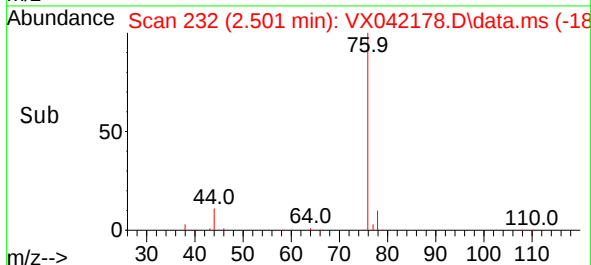
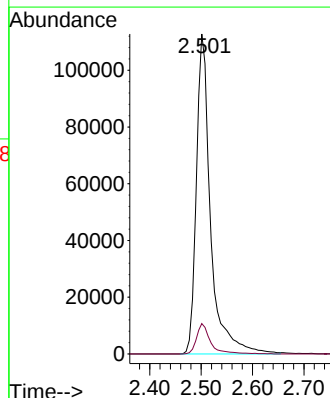
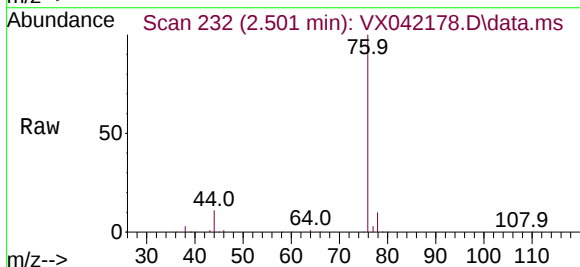
Acq: 03 Jul 2024 21:48

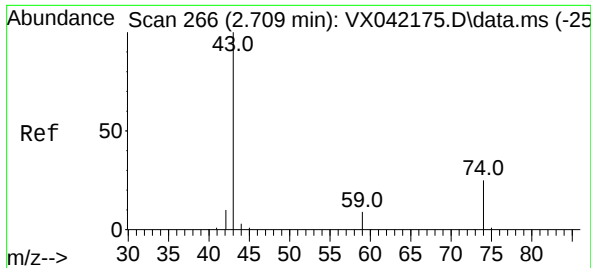
Tgt Ion: 76 Resp: 216678

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

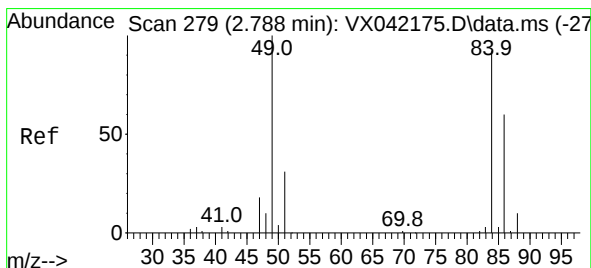
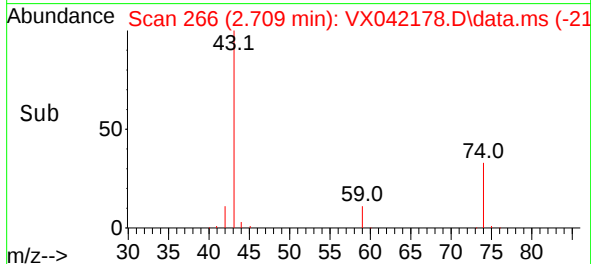
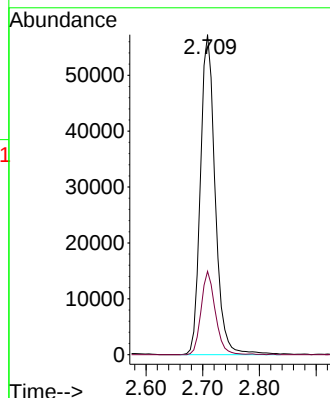
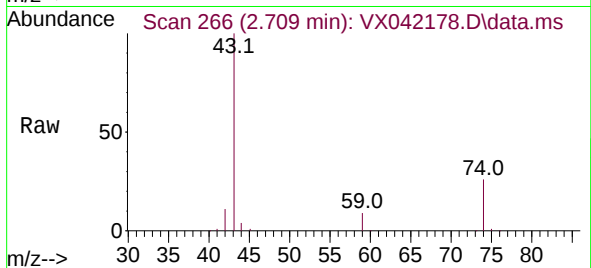




#15
Methyl Acetate
Concen: 50.374 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

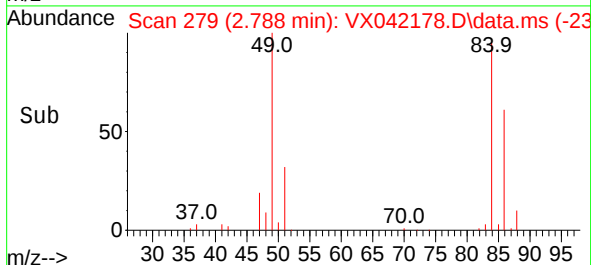
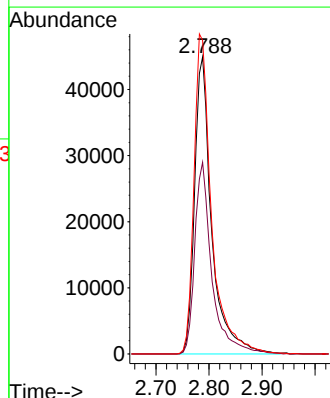
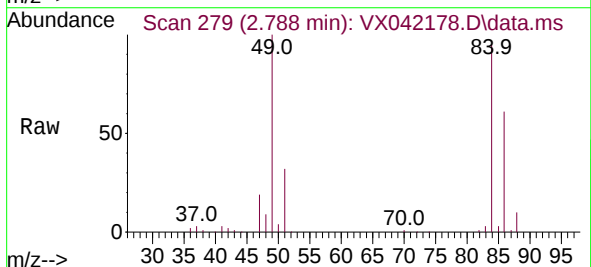
Instrument :
MSVOA_X
ClientSampleId :

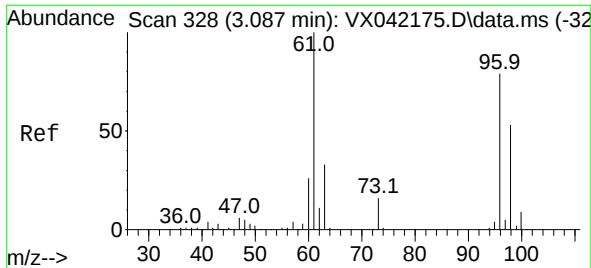
Tgt Ion: 43 Resp: 103570
Ion Ratio Lower Upper
43 100
74 24.9 20.1 30.1



#16
Methylene chloride
Concen: 47.821 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Tgt Ion: 84 Resp: 100778
Ion Ratio Lower Upper
84 100
86 64.6 45.7 84.9
49 105.6 76.4 141.8

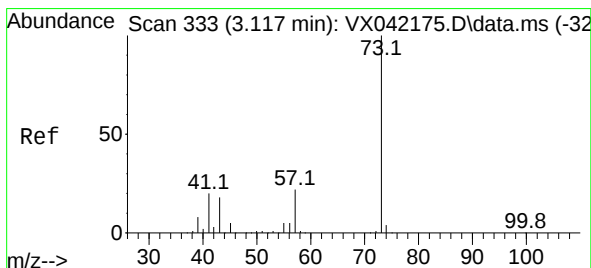
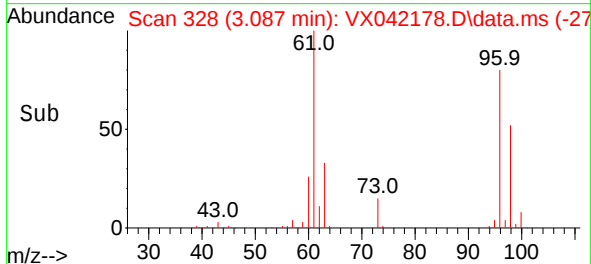
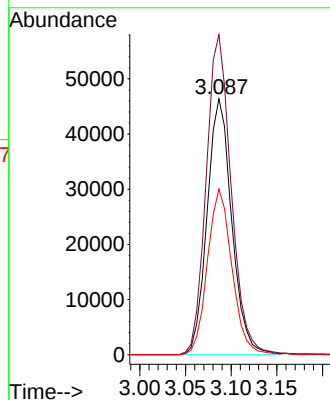
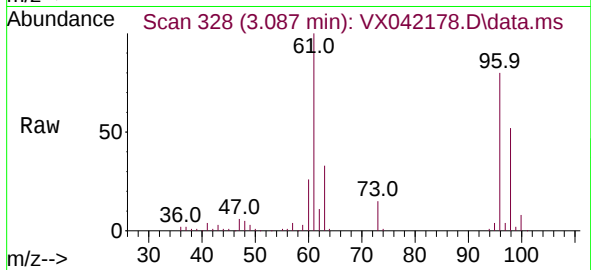




#17
trans-1,2-Dichloroethene
Concen: 49.716 ug/L
RT: 3.087 min Scan# 317
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

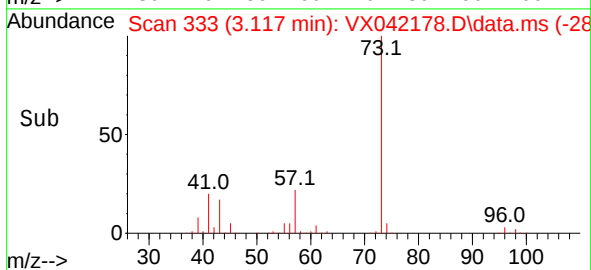
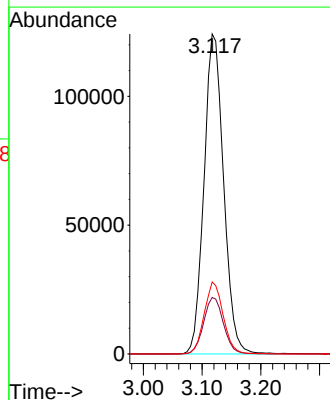
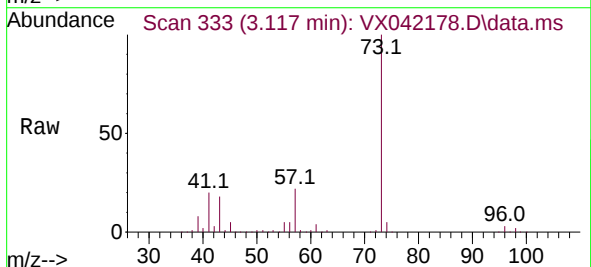
Instrument :
MSVOA_X
ClientSampleId :

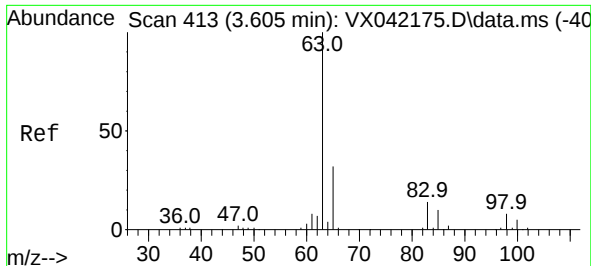
Tgt Ion: 96 Resp: 87343
Ion Ratio Lower Upper
96 100
61 125.1 88.4 164.2
98 64.7 46.5 86.5



#18
Methyl tert-butyl Ether
Concen: 50.157 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Tgt Ion: 73 Resp: 288156
Ion Ratio Lower Upper
73 100
43 17.8 14.5 21.7
57 21.8 17.5 26.3





#19

1,1-Dichloroethane

Concen: 50.122 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

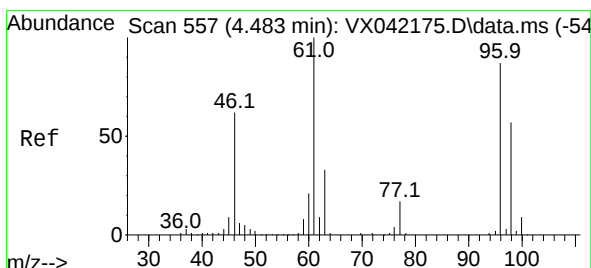
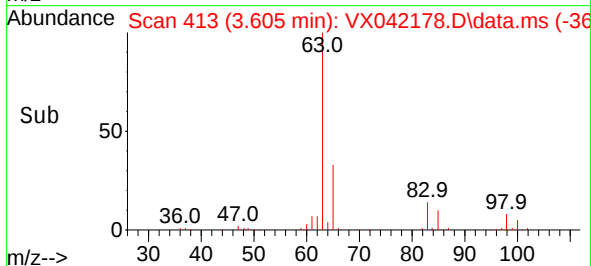
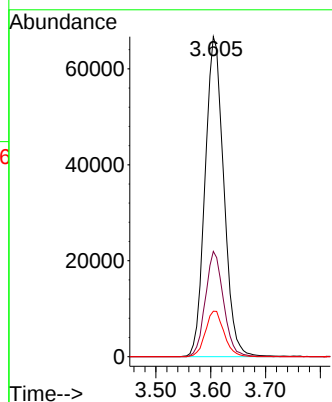
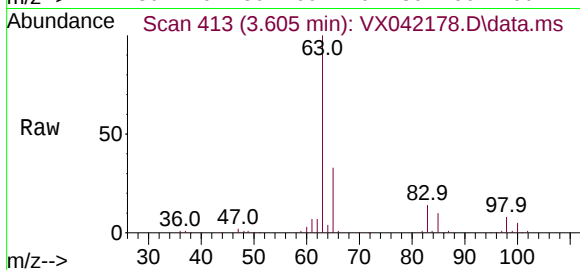
Tgt Ion: 63 Resp: 158124

Ion Ratio Lower Upper

63 100

65 32.9 22.2 41.2

83 14.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 49.335 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

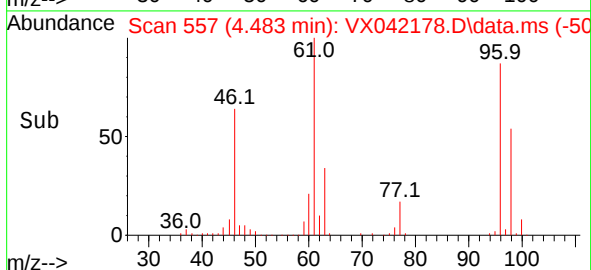
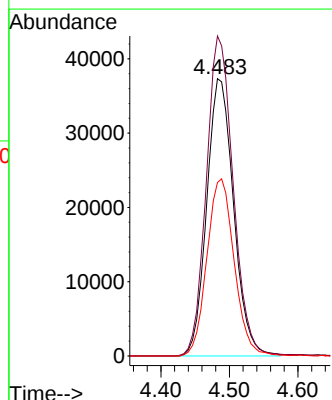
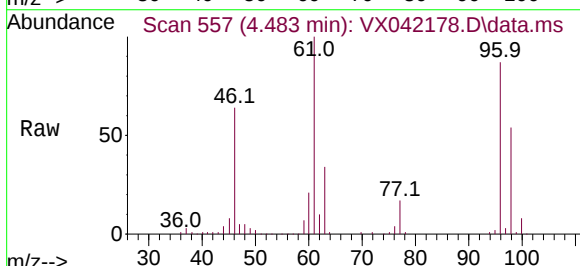
Tgt Ion: 96 Resp: 101826

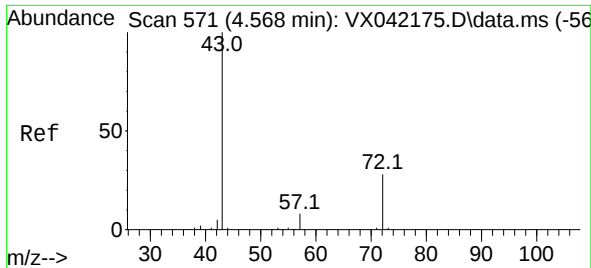
Ion Ratio Lower Upper

96 100

61 115.4 80.5 149.5

98 62.6 45.7 84.9

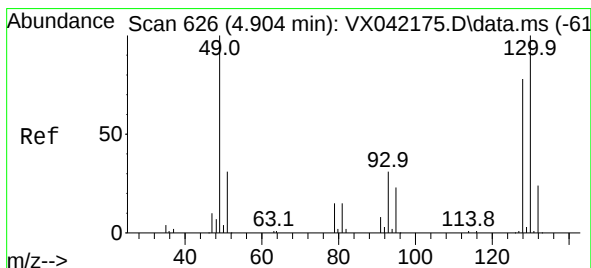
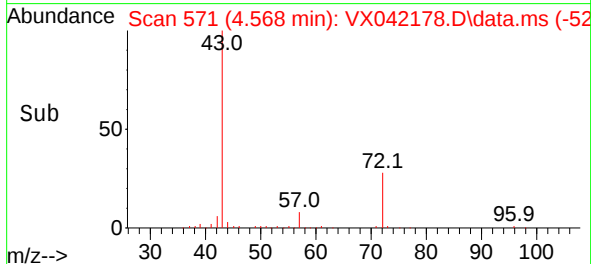
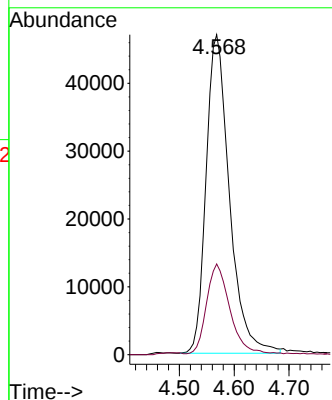
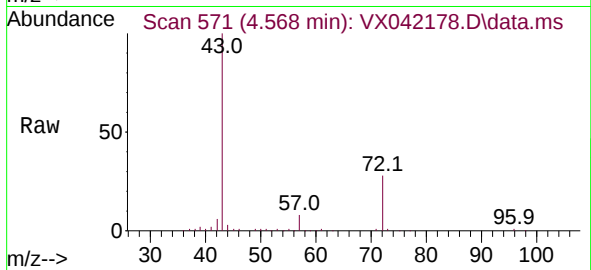




#22
2-Butanone
Concen: 102.354 ug/L
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

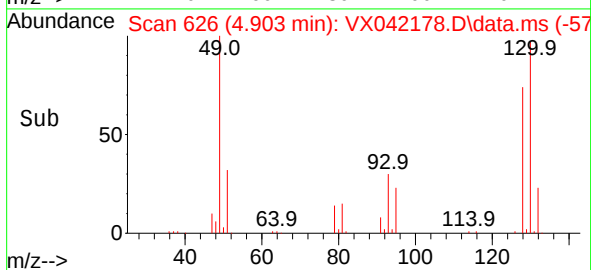
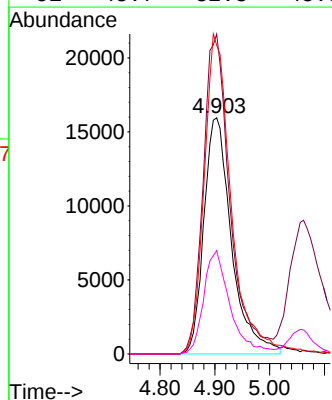
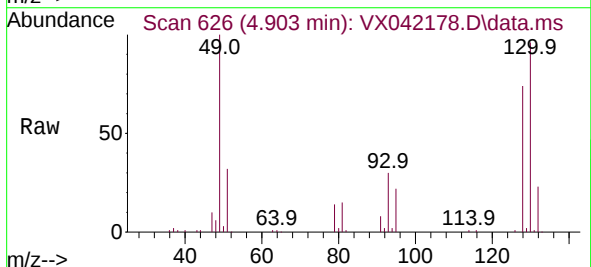
Instrument :
MSVOA_X
ClientSampleId :

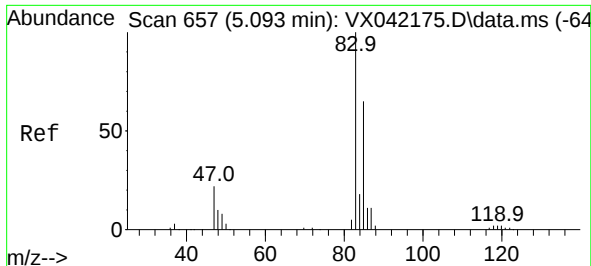
Tgt Ion: 43 Resp: 138642
Ion Ratio Lower Upper
43 100
72 28.4 13.7 41.1



#23
Bromochloromethane
Concen: 50.621 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Tgt Ion: 128 Resp: 55837
Ion Ratio Lower Upper
128 100
49 135.4 89.7 166.7
130 130.6 90.0 167.2
51 43.7 32.3 48.5





#25

Chloroform

Concen: 50.063 ug/L

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

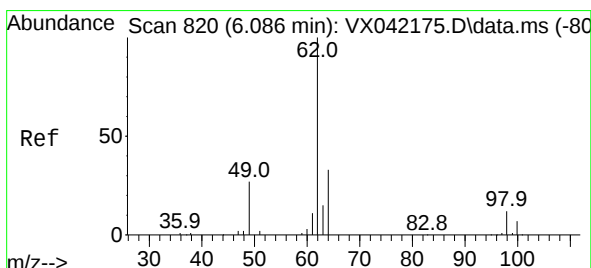
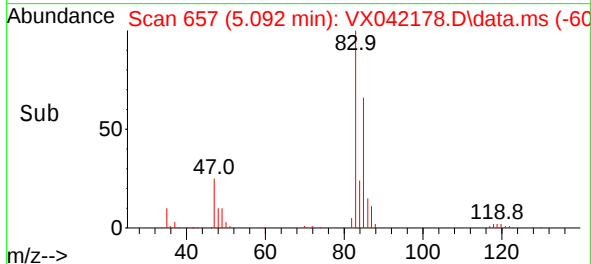
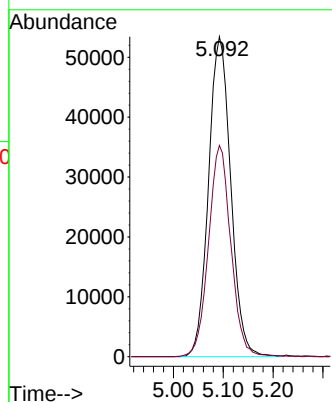
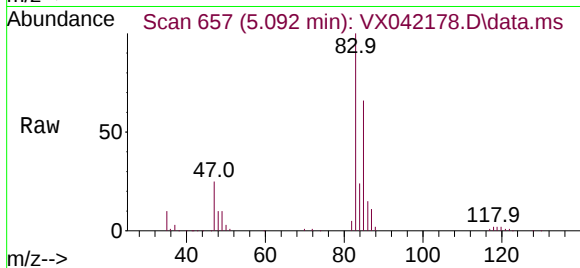
ClientSampleId :

Tgt Ion: 83 Resp: 165599

Ion Ratio Lower Upper

83 100

85 66.0 45.8 85.2



#27

1,2-Dichloroethane

Concen: 50.307 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX042178.D

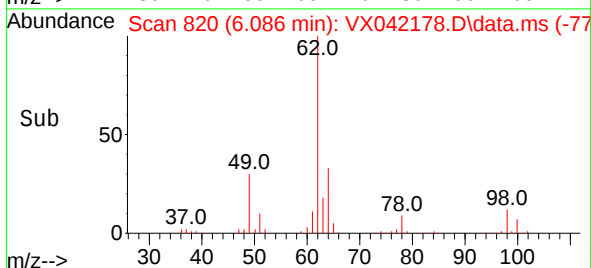
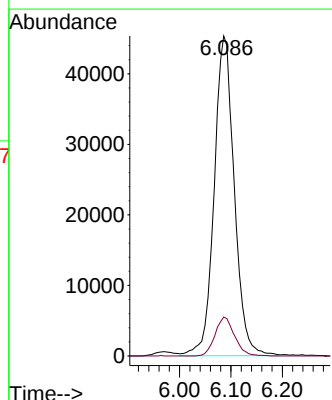
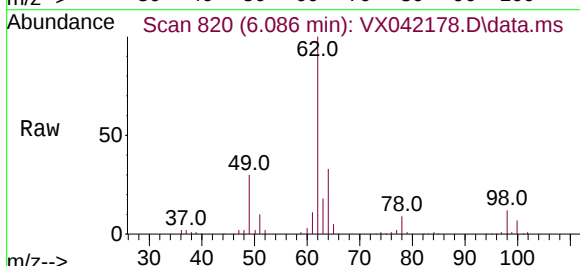
Acq: 03 Jul 2024 21:48

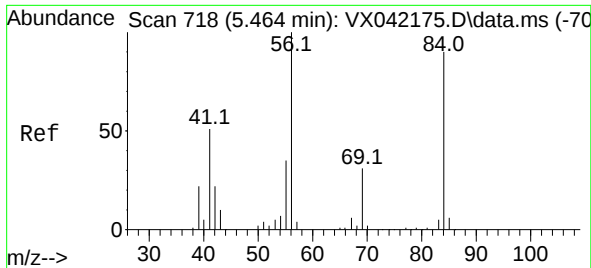
Tgt Ion: 62 Resp: 123321

Ion Ratio Lower Upper

62 100

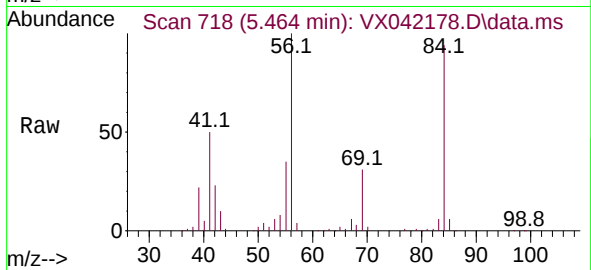
98 12.1 9.3 13.9



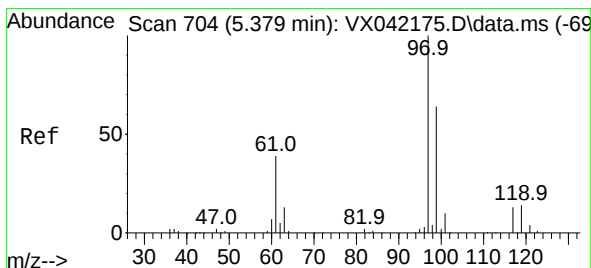
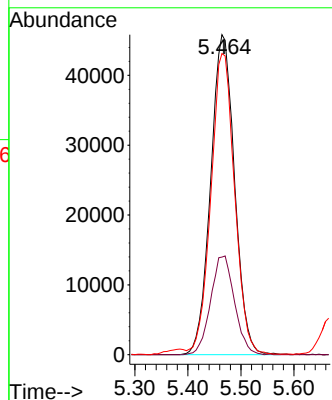
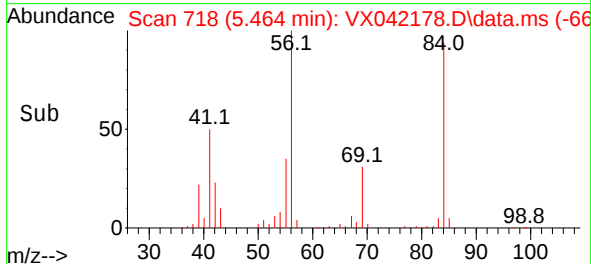


#29
Cyclohexane
Concen: 49.876 ug/L
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :

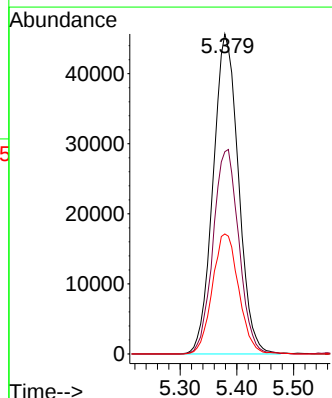
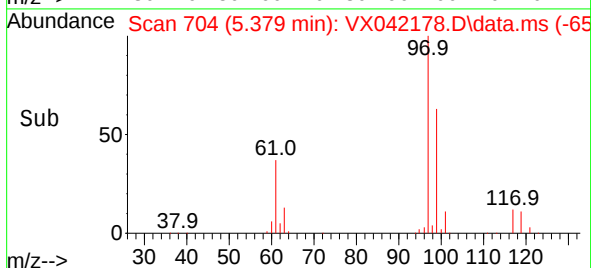
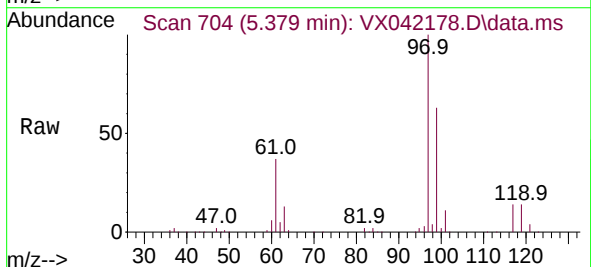


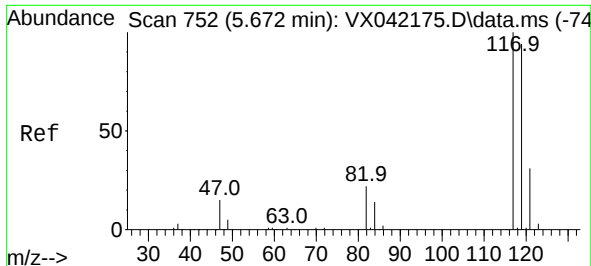
Tgt Ion: 56 Resp: 143430
Ion Ratio Lower Upper
56 100
69 30.8 25.3 37.9
84 93.0 74.0 111.0



#30
1,1,1-Trichloroethane
Concen: 48.879 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

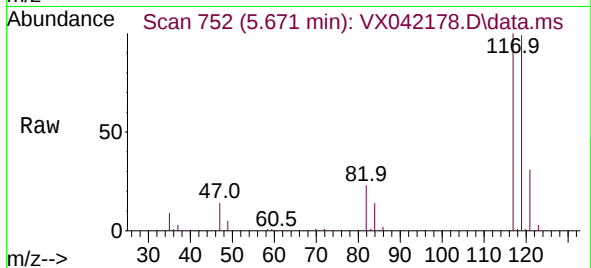
Tgt Ion: 97 Resp: 141601
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 38.9 31.2 46.8



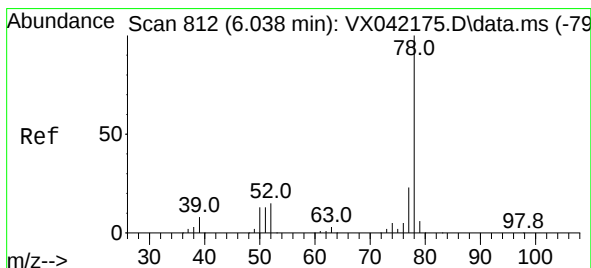
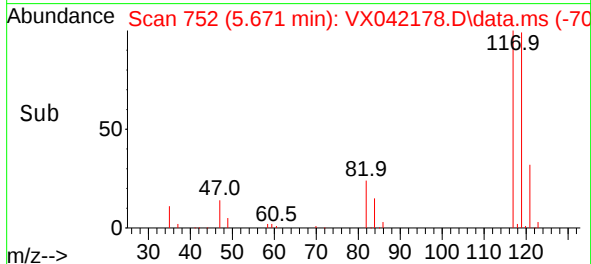
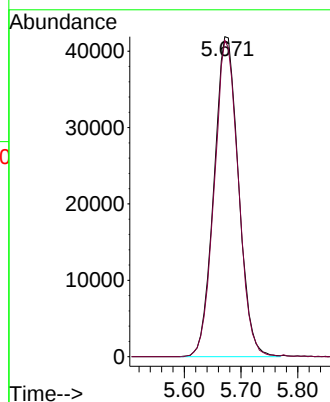


#31
Carbon tetrachloride
Concen: 49.693 ug/L
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :

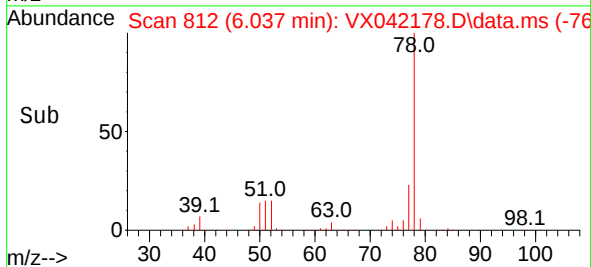
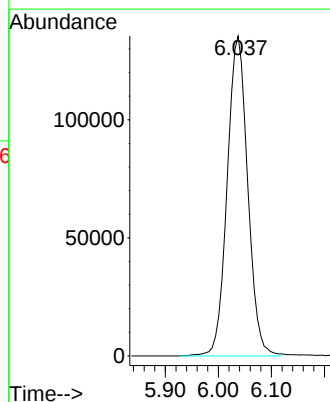
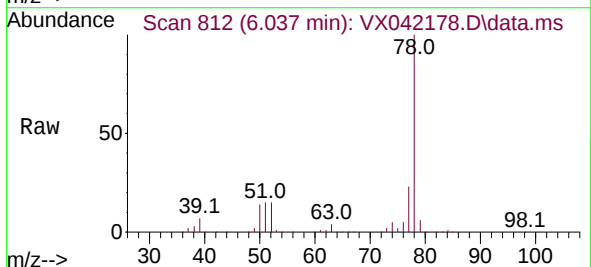


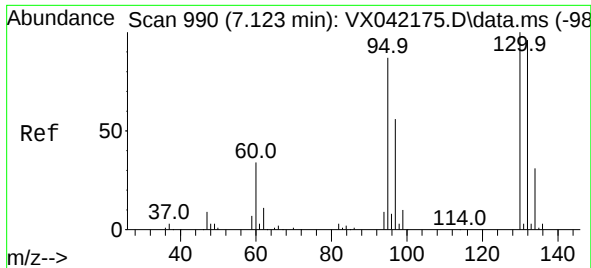
Tgt Ion:117 Resp: 125746
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5



#33
Benzene
Concen: 48.897 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

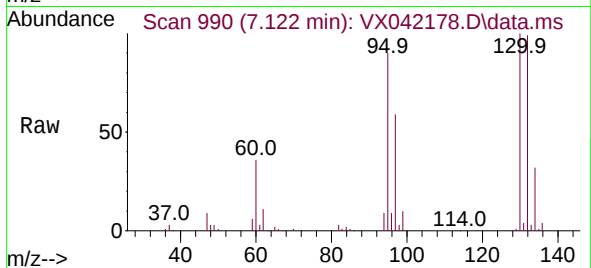
Tgt Ion: 78 Resp: 363841



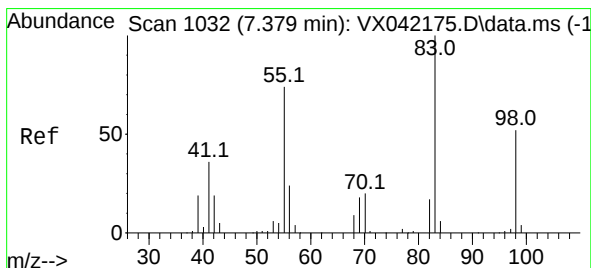
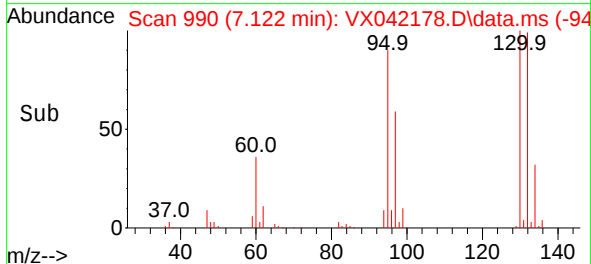
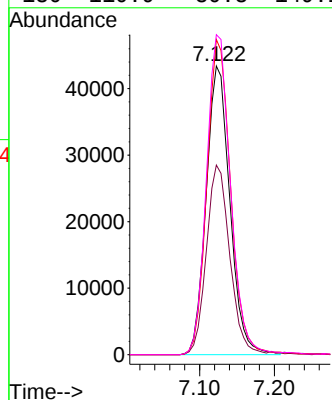


#34
Trichloroethene
Concen: 49.215 ug/L
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :

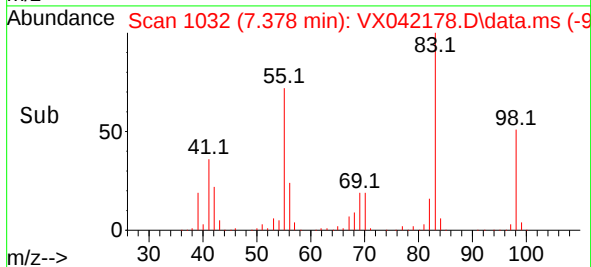
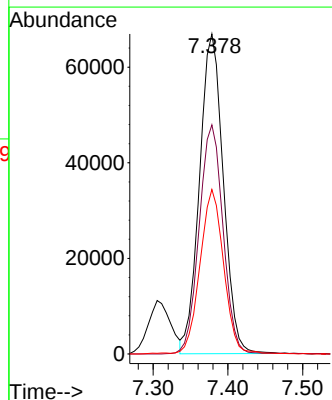
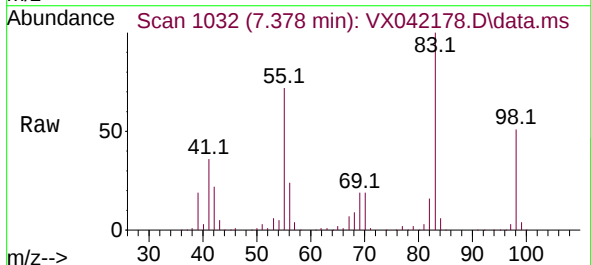


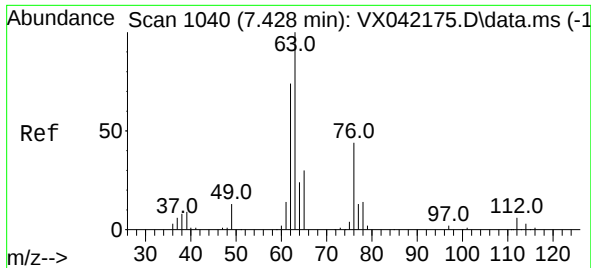
Tgt Ion: 95 Resp: 95925
Ion Ratio Lower Upper
95 100
97 65.7 45.1 83.7
132 109.2 77.2 143.4
130 110.9 80.3 149.1



#35
Methylcyclohexane
Concen: 50.006 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Tgt Ion: 83 Resp: 147786
Ion Ratio Lower Upper
83 100
55 71.8 56.4 84.6
98 51.2 40.4 60.6





#37

1,2-Dichloropropane

Concen: 49.495 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

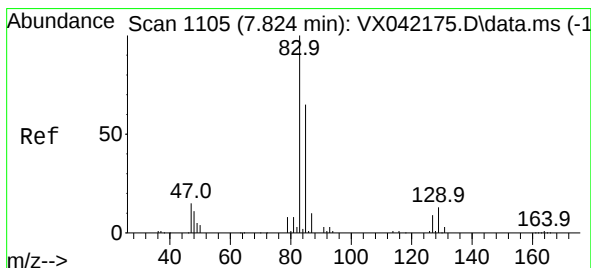
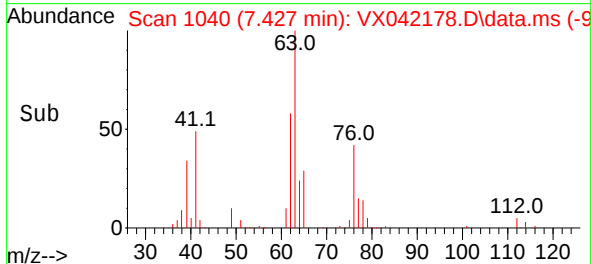
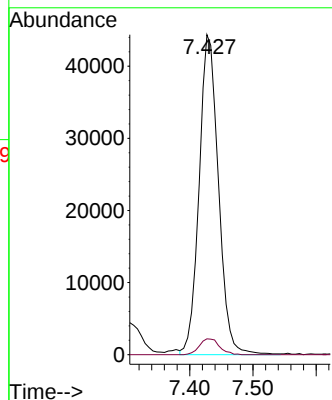
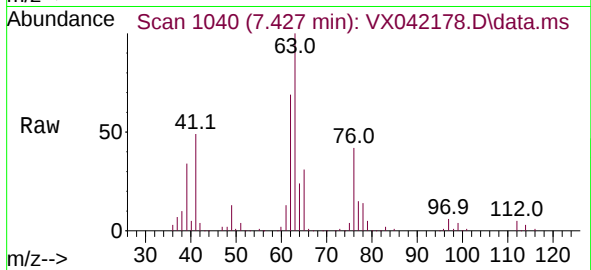
ClientSampleId :

Tgt Ion: 63 Resp: 94496

Ion Ratio Lower Upper

63 100

112 5.2 4.3 6.5



#38

Bromodichloromethane

Concen: 50.036 ug/L

RT: 7.823 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

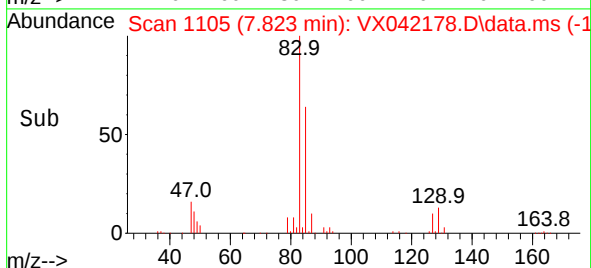
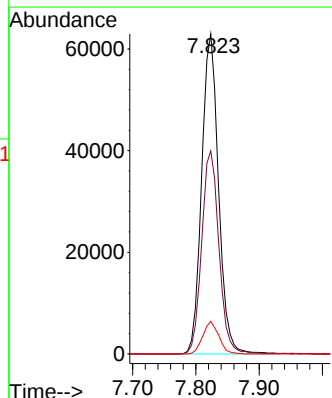
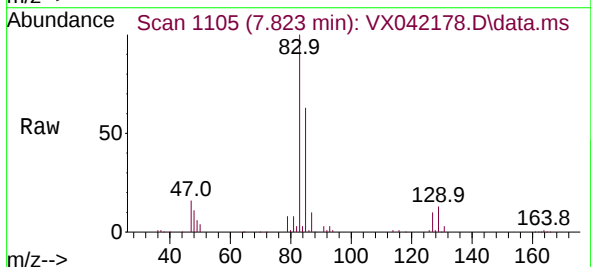
Tgt Ion: 83 Resp: 116981

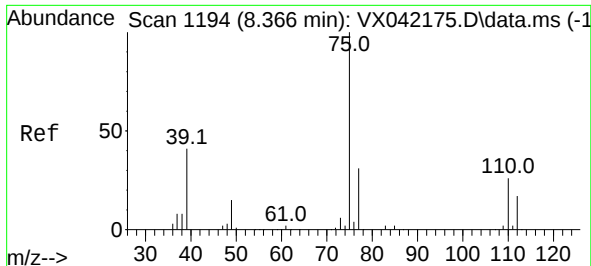
Ion Ratio Lower Upper

83 100

85 63.4 45.4 84.2

127 10.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 51.488 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

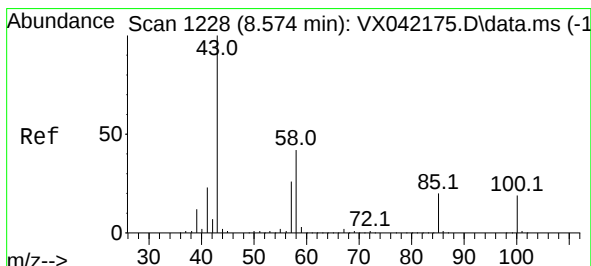
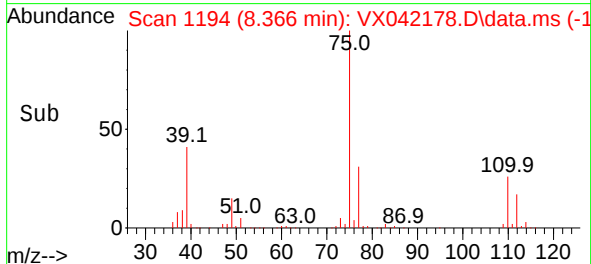
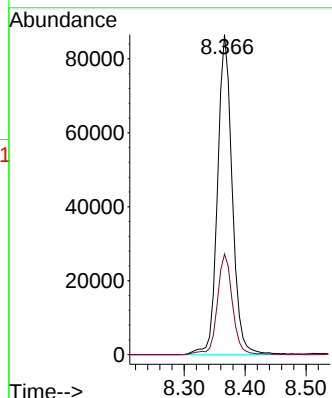
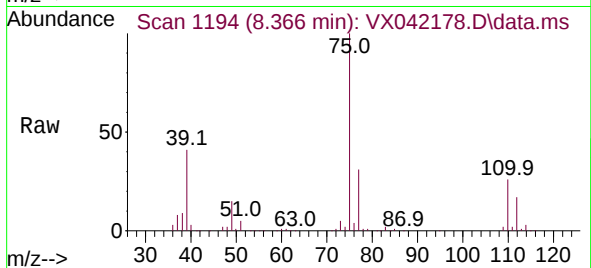
ClientSampleId :

Tgt Ion: 75 Resp: 144743

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 102.213 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

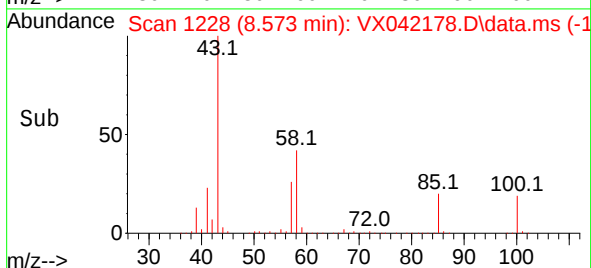
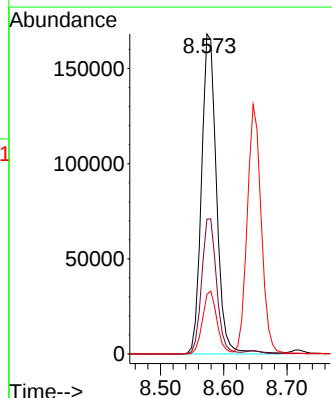
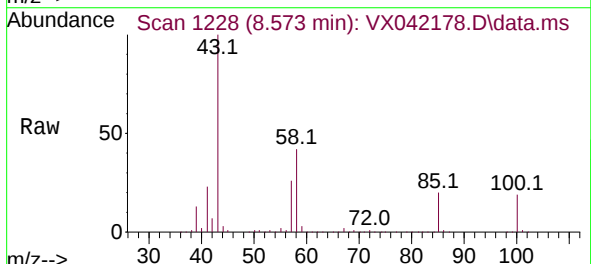
Tgt Ion: 43 Resp: 278344

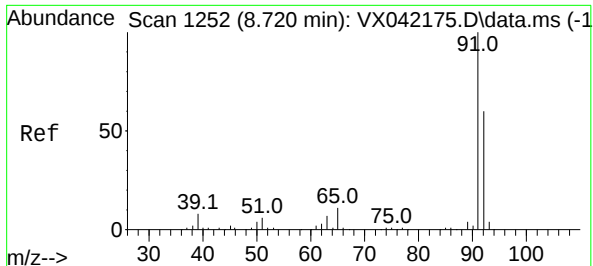
Ion Ratio Lower Upper

43 100

58 41.8 33.7 50.5

100 18.9 15.4 23.2





#42

Toluene

Concen: 49.770 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

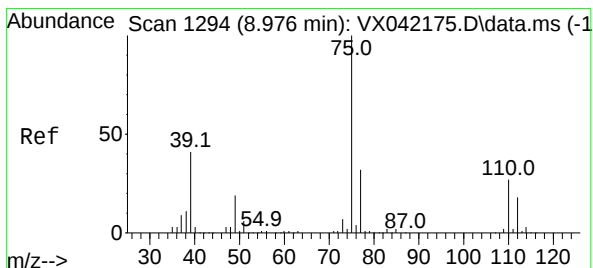
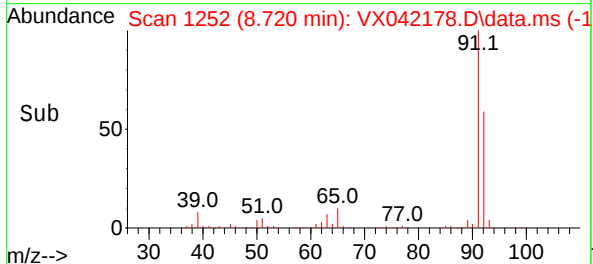
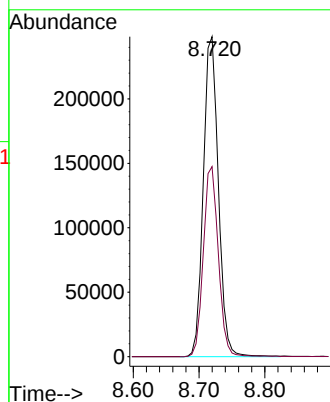
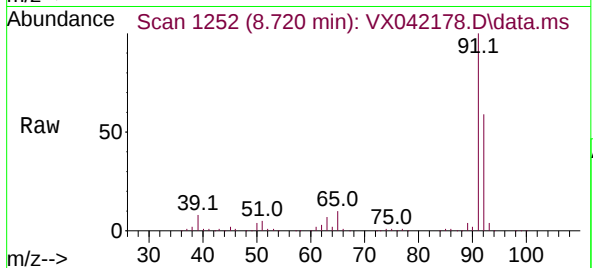
ClientSampleId :

Tgt Ion: 91 Resp: 395158

Ion Ratio Lower Upper

91 100

92 59.4 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 50.706 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042178.D

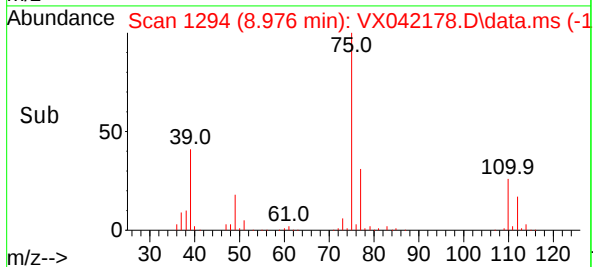
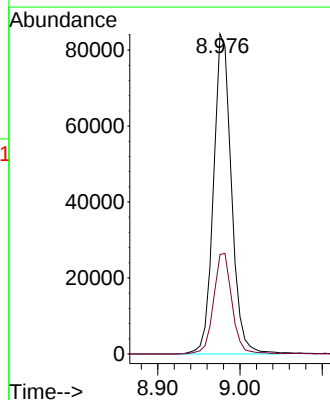
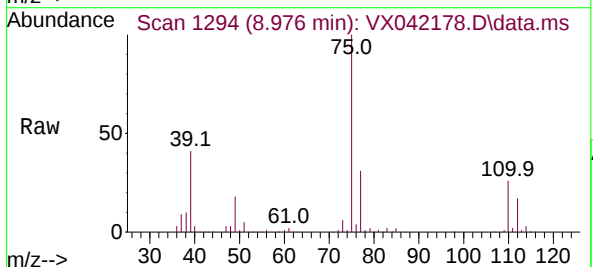
Acq: 03 Jul 2024 21:48

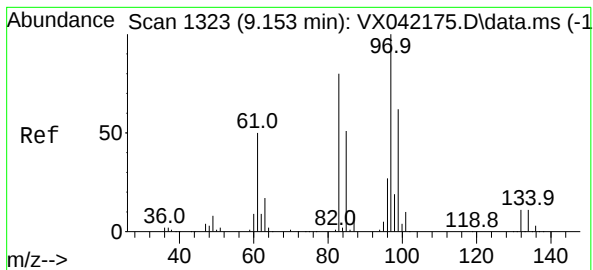
Tgt Ion: 75 Resp: 127802

Ion Ratio Lower Upper

75 100

77 31.1 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 49.687 ug/L

RT: 9.152 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 101501

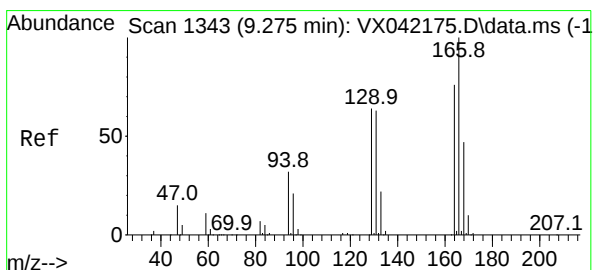
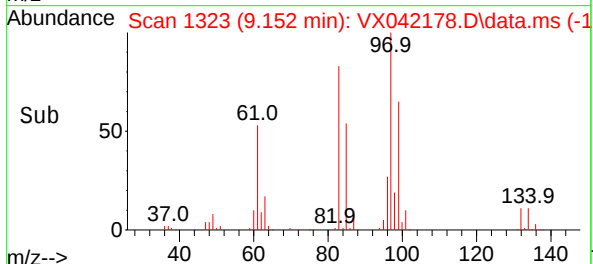
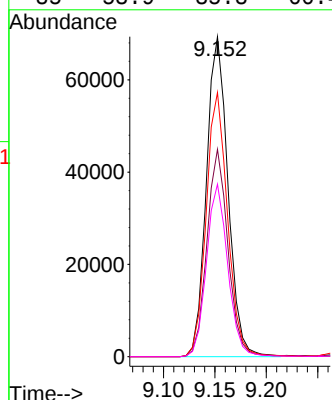
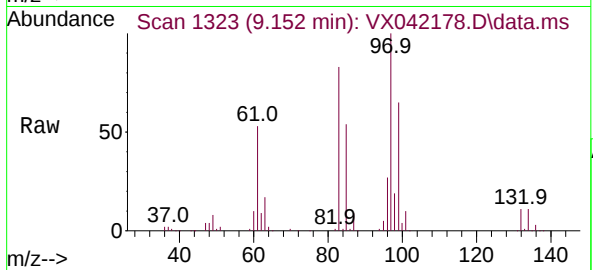
Ion Ratio Lower Upper

97 100

99 64.8 43.3 80.3

83 82.6 56.2 104.4

85 53.9 35.8 66.4



#46

Tetrachloroethene

Concen: 48.924 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Tgt Ion:164 Resp: 89258

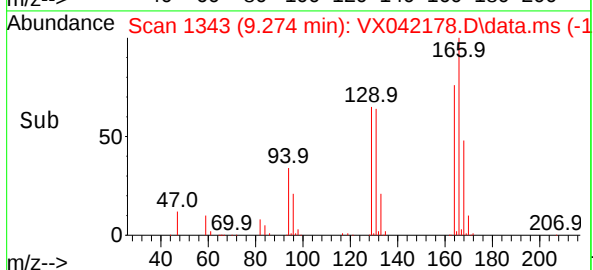
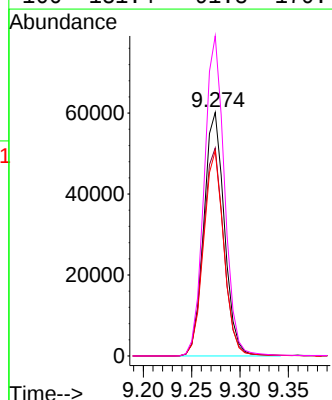
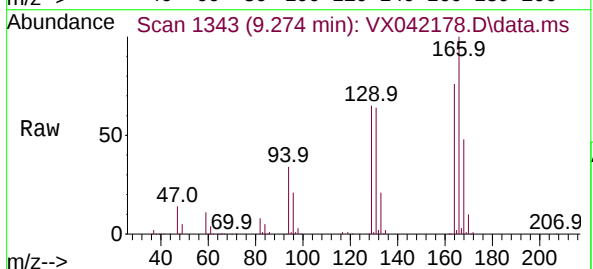
Ion Ratio Lower Upper

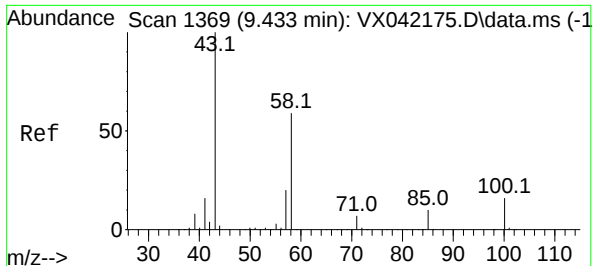
164 100

129 85.4 58.6 108.8

131 84.2 57.9 107.5

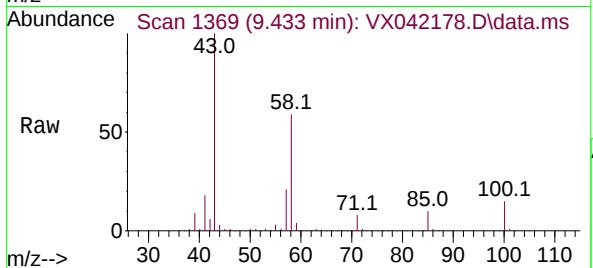
166 131.4 91.8 170.4





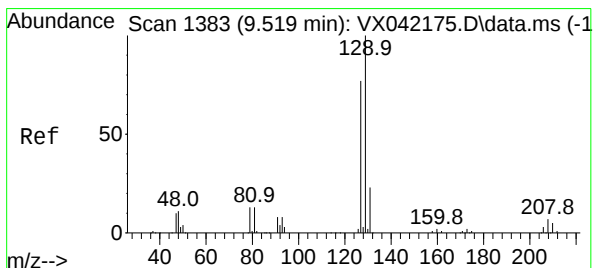
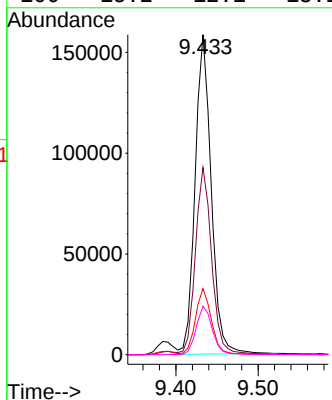
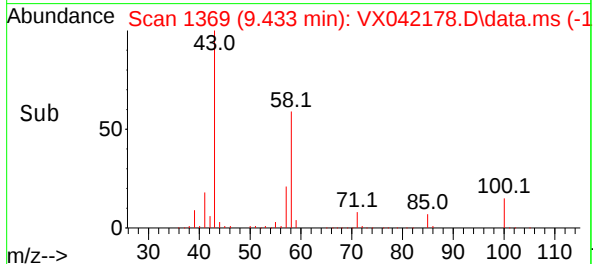
#48
2-Hexanone
Concen: 100.892 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 215759

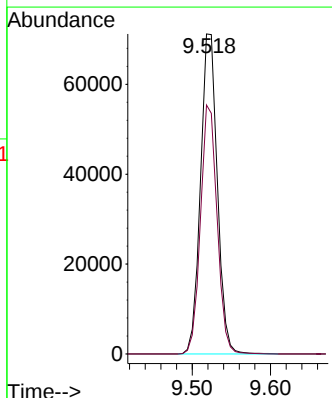
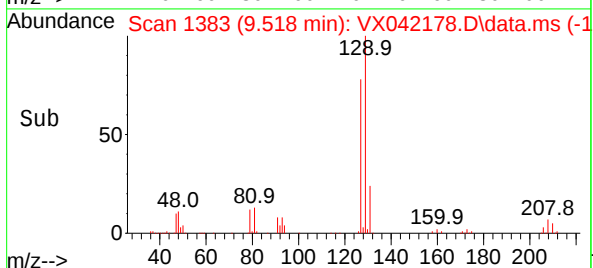
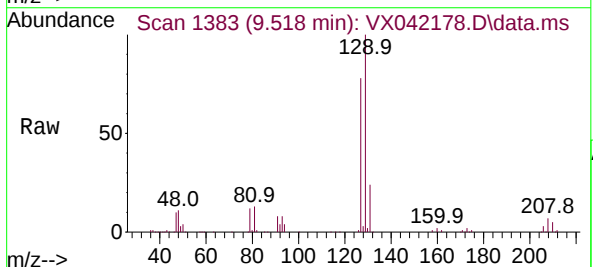
Ion	Ratio	Lower	Upper
43	100		
58	59.6	46.4	69.6
57	20.6	16.3	24.5
100	15.2	12.1	18.1

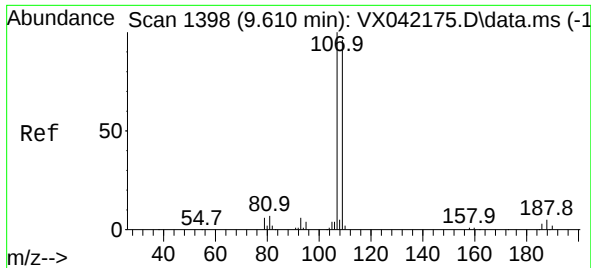


#49
Dibromochloromethane
Concen: 51.037 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Tgt Ion: 129 Resp: 106183

Ion	Ratio	Lower	Upper
129	100		
127	77.8	53.7	99.7

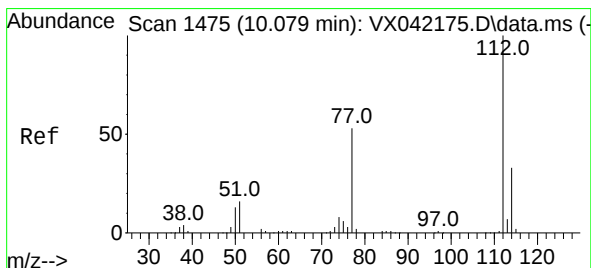
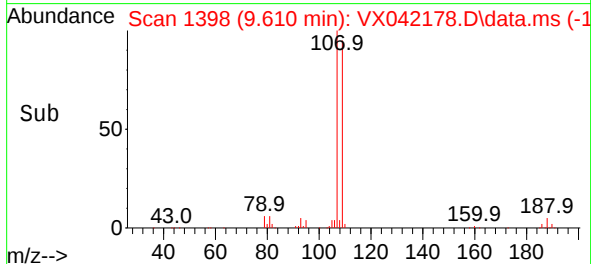
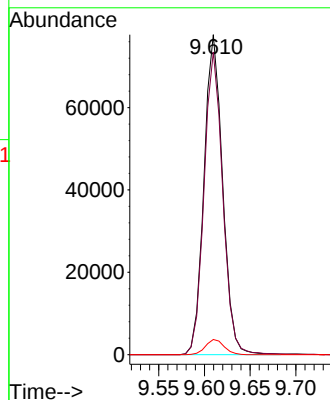
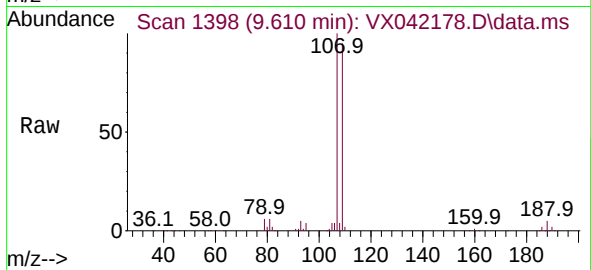




#50
1,2-Dibromoethane
Concen: 50.046 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

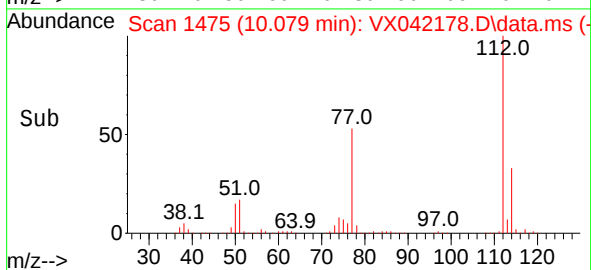
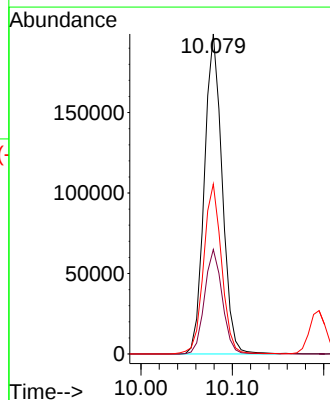
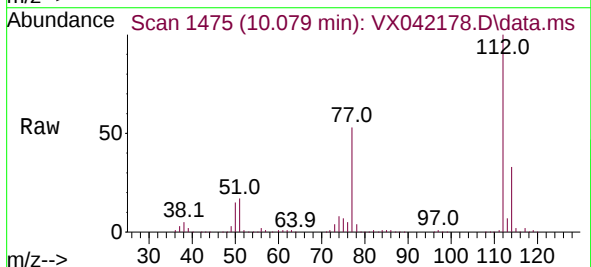
Instrument :
MSVOA_X
ClientSampleId :

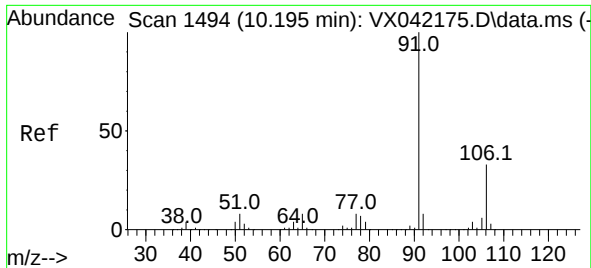
Tgt Ion:107 Resp: 109799
Ion Ratio Lower Upper
107 100
109 94.6 67.5 125.3
188 4.8 4.2 6.2



#51
Chlorobenzene
Concen: 49.206 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Tgt Ion:112 Resp: 268182
Ion Ratio Lower Upper
112 100
114 32.6 23.2 43.2
77 53.1 43.0 64.4

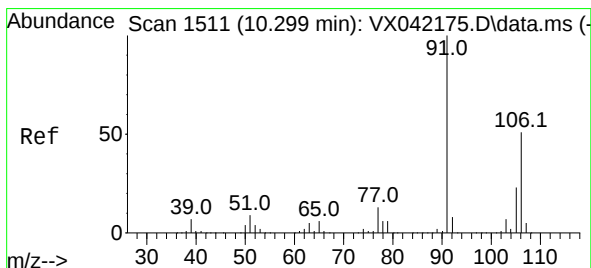
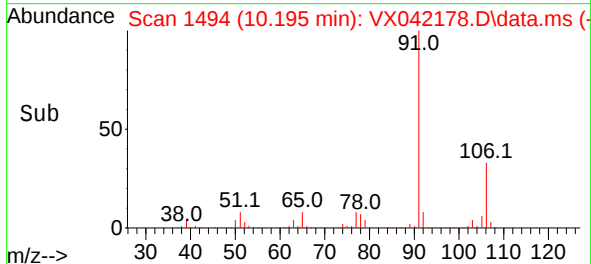
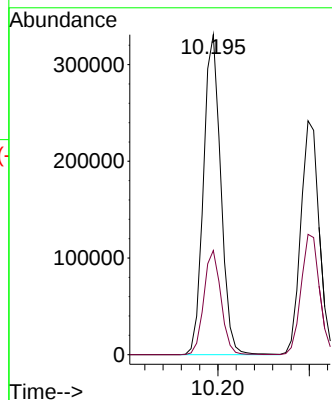
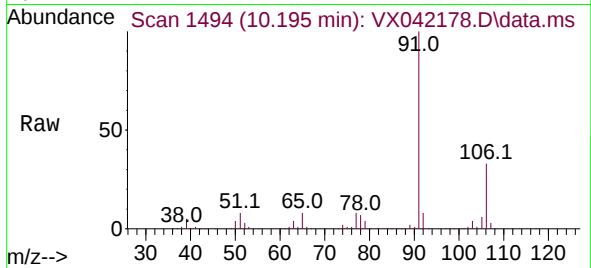




#52
Ethylbenzene
Concen: 50.265 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

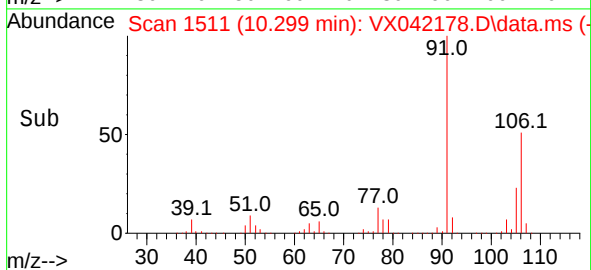
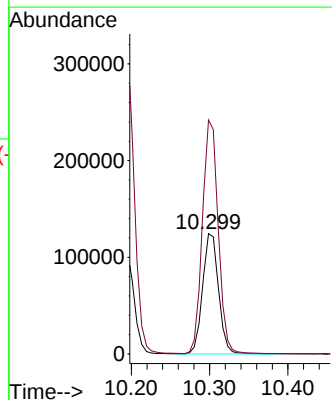
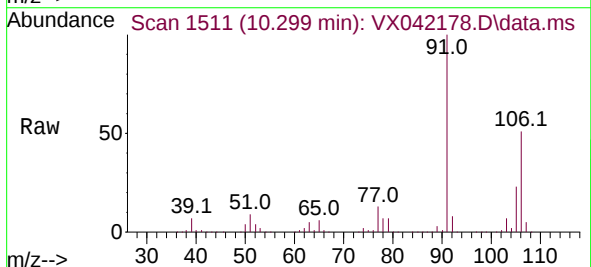
Instrument :
MSVOA_X
ClientSampleId :

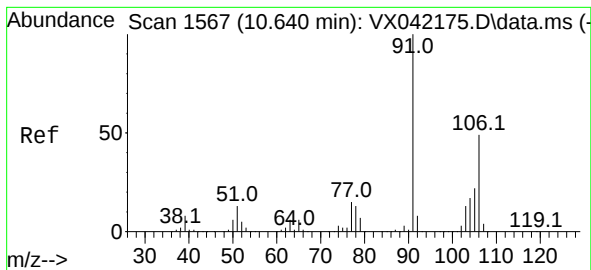
Tgt Ion: 91 Resp: 433694
Ion Ratio Lower Upper
91 100
106 32.6 23.1 42.9



#53
m,p-Xylene
Concen: 50.626 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Tgt Ion: 106 Resp: 175818
Ion Ratio Lower Upper
106 100
91 194.3 136.4 253.2





#54

o-Xylene

Concen: 50.527 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

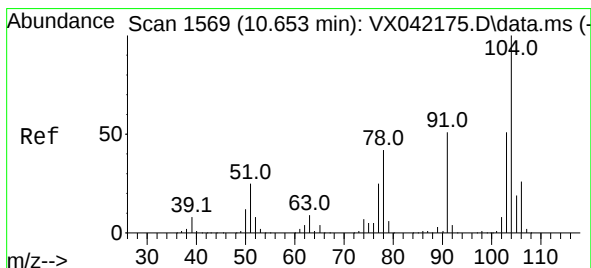
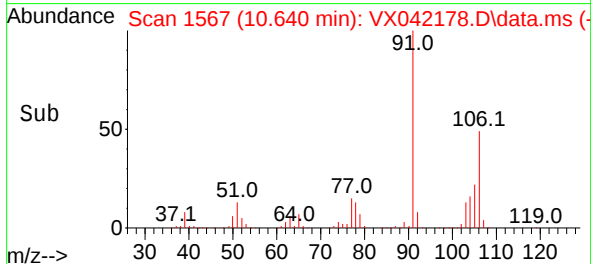
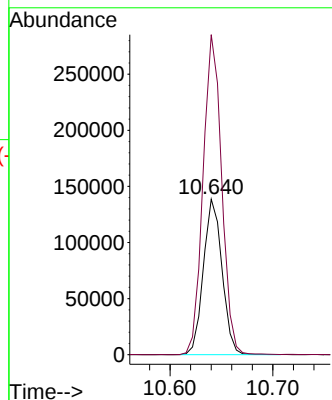
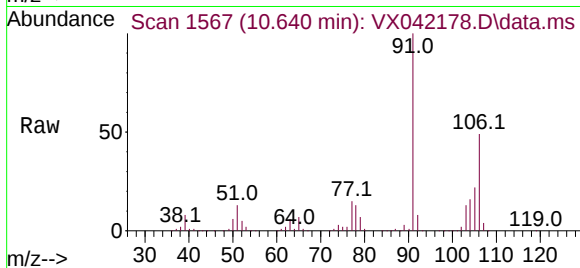
ClientSampleId :

Tgt Ion:106 Resp: 175279

Ion Ratio Lower Upper

106 100

91 205.7 143.4 266.2



#55

Styrene

Concen: 51.544 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX042178.D

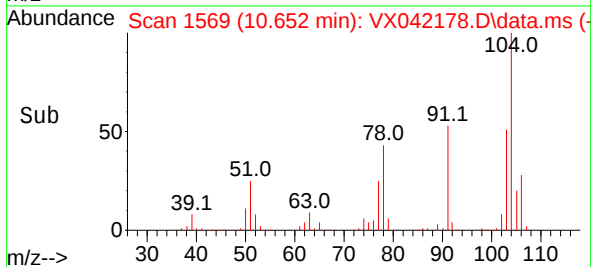
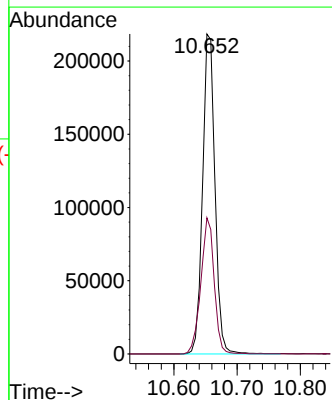
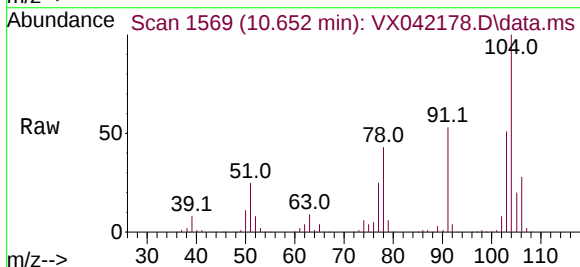
Acq: 03 Jul 2024 21:48

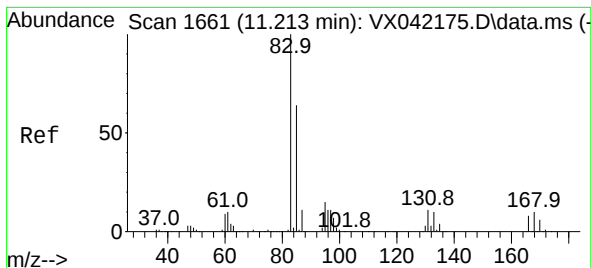
Tgt Ion:104 Resp: 297941

Ion Ratio Lower Upper

104 100

78 42.5 29.5 54.9





#57

1,1,2,2-Tetrachloroethane

Concen: 49.726 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

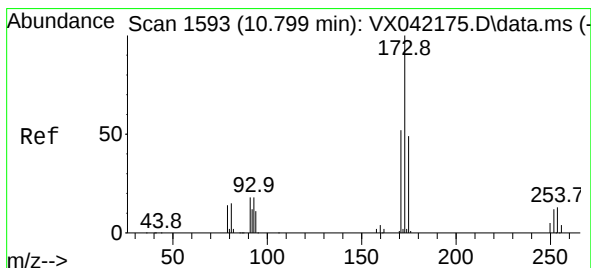
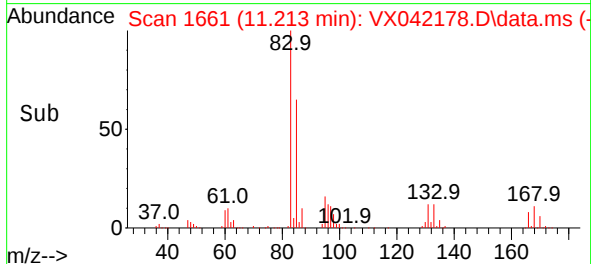
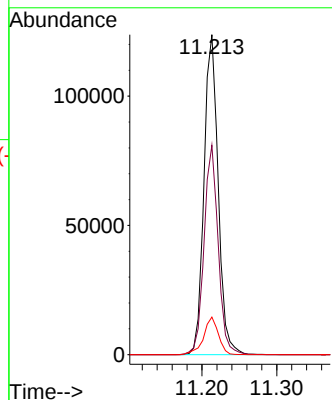
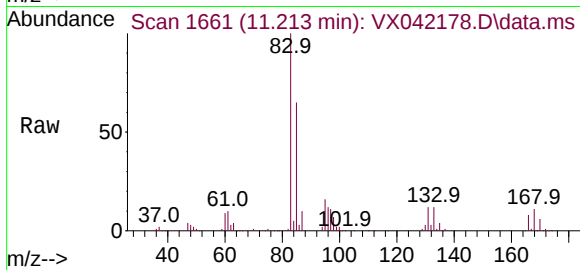
Tgt Ion: 83 Resp: 163040

Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.7

131 11.8 9.0 13.4



#59

Bromoform

Concen: 51.472 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

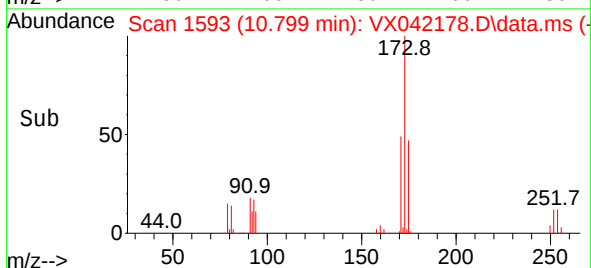
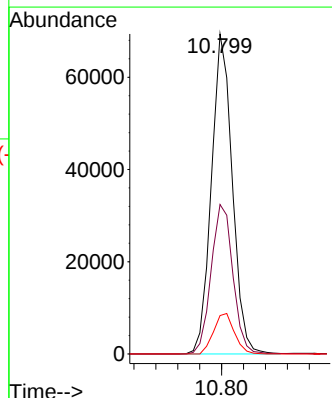
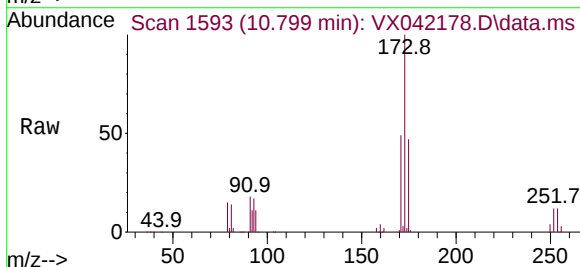
Tgt Ion:173 Resp: 91743

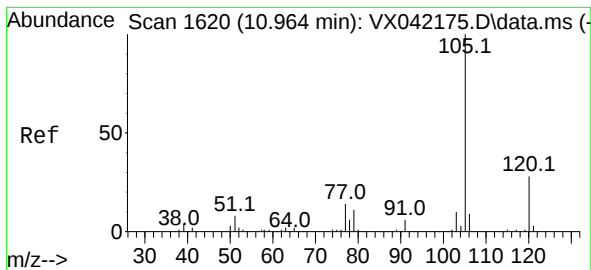
Ion Ratio Lower Upper

173 100

175 48.8 39.5 59.3

254 12.6 10.6 15.8





#60

Isopropylbenzene

Concen: 50.847 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

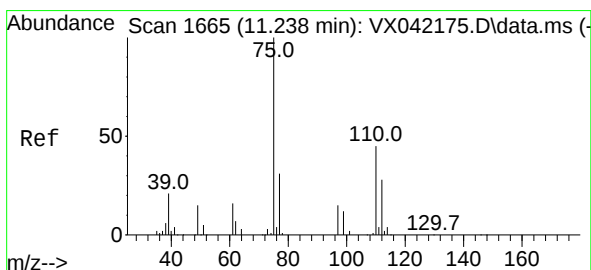
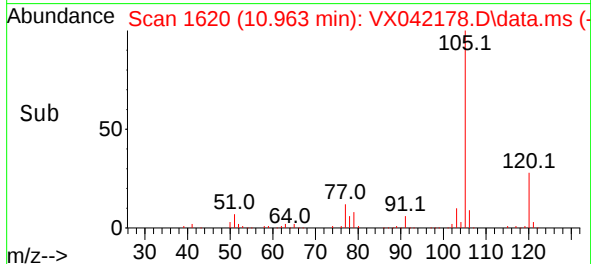
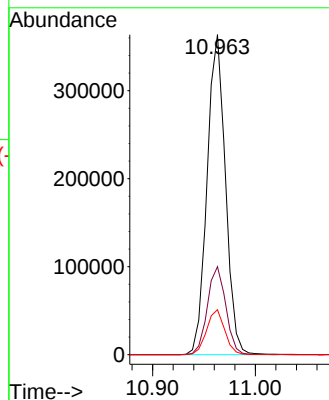
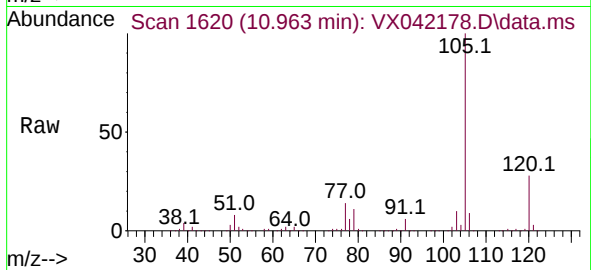
Tgt Ion:105 Resp: 452681

Ion Ratio Lower Upper

105 100

120 27.6 22.0 33.0

77 14.0 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 49.244 ug/L

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

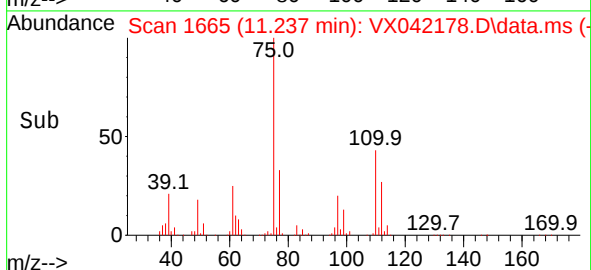
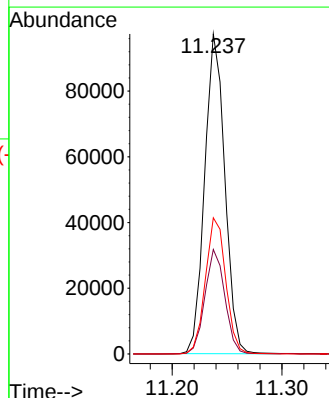
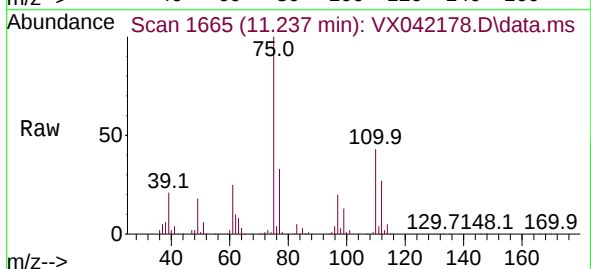
Tgt Ion: 75 Resp: 124341

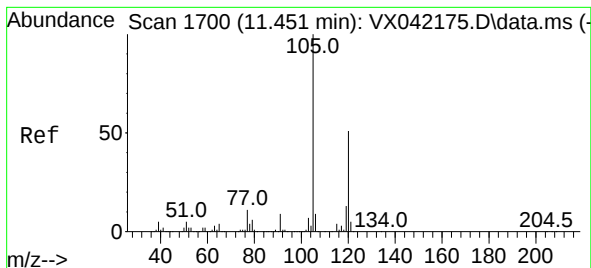
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

110 43.0 35.4 53.0





#62

1,3,5-Trimethylbenzene

Concen: 51.169 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

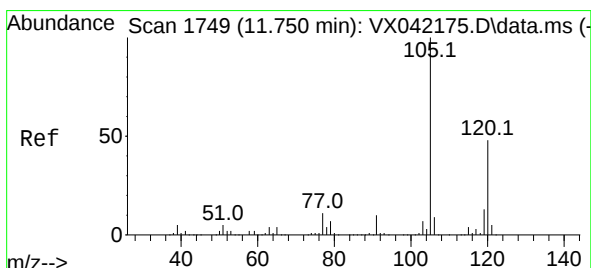
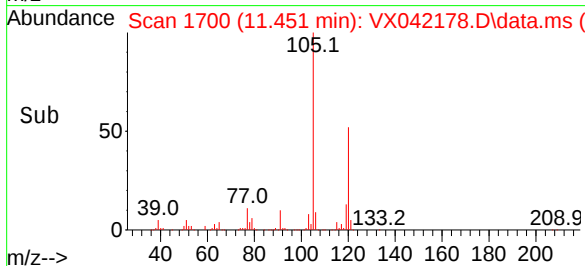
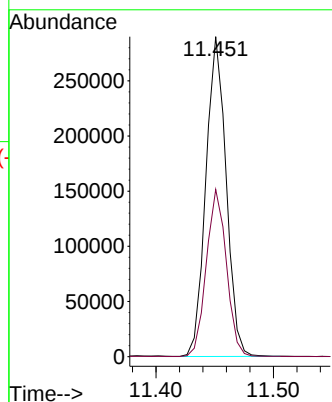
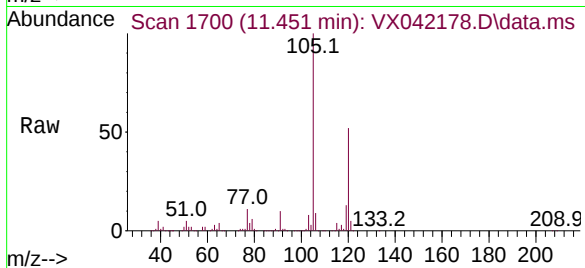
ClientSampleId :

Tgt Ion:105 Resp: 346402

Ion Ratio Lower Upper

105 100

120 51.9 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 51.879 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042178.D

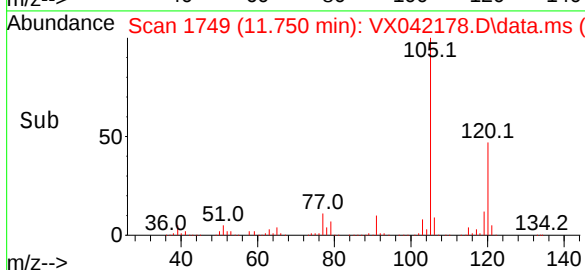
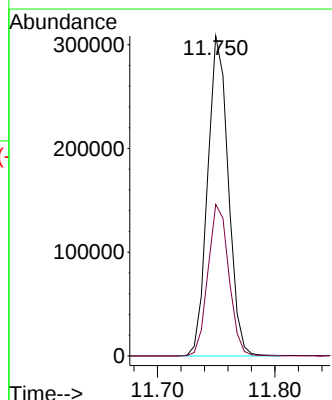
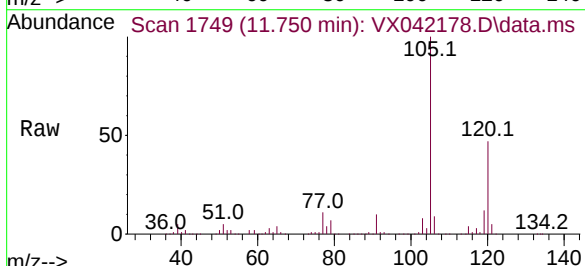
Acq: 03 Jul 2024 21:48

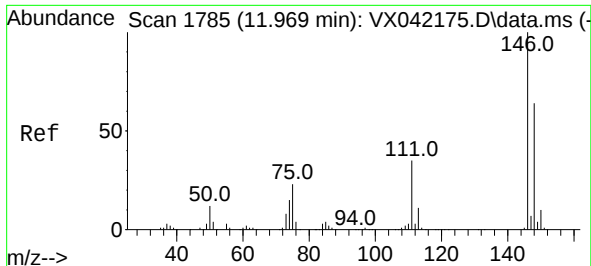
Tgt Ion:105 Resp: 376389

Ion Ratio Lower Upper

105 100

120 47.9 38.4 57.6





#64

1,3-Dichlorobenzene

Concen: 50.603 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

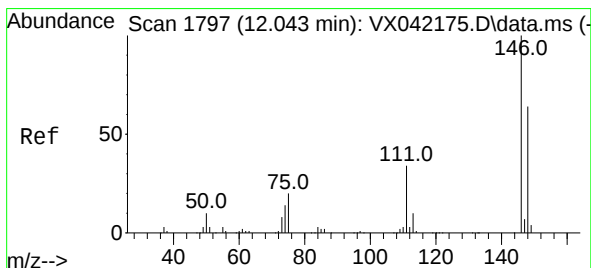
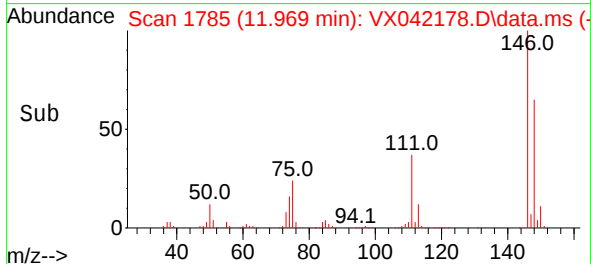
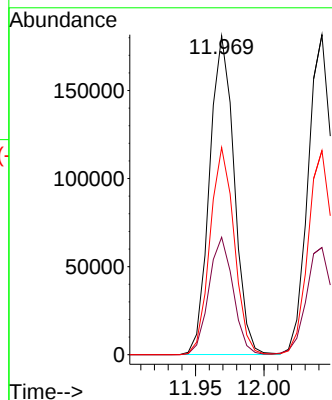
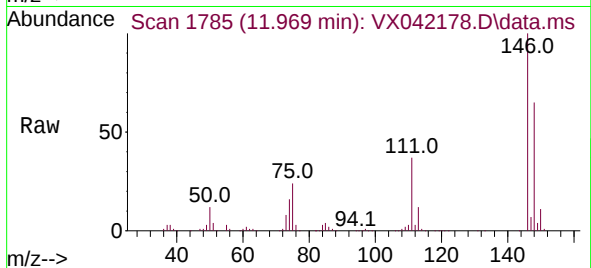
Tgt Ion:146 Resp: 225934

Ion Ratio Lower Upper

146 100

111 36.8 24.8 46.1

148 65.0 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 50.488 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

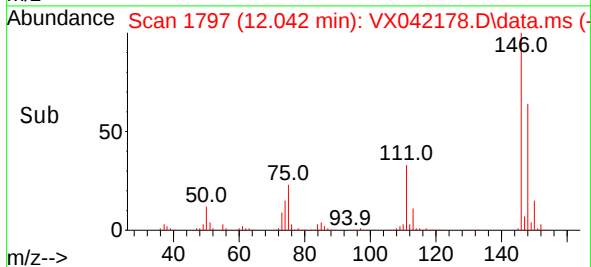
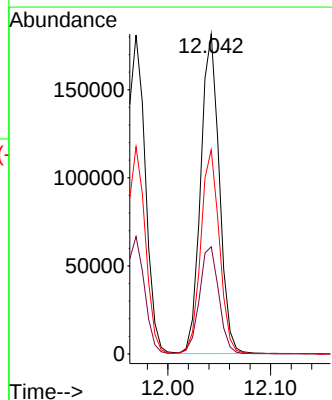
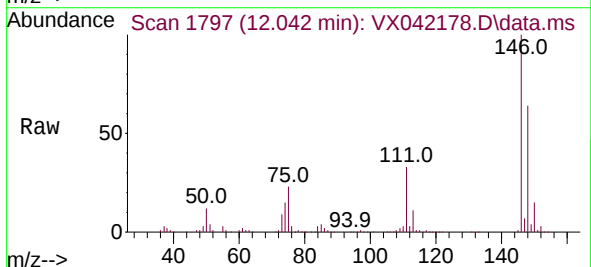
Tgt Ion:146 Resp: 228023

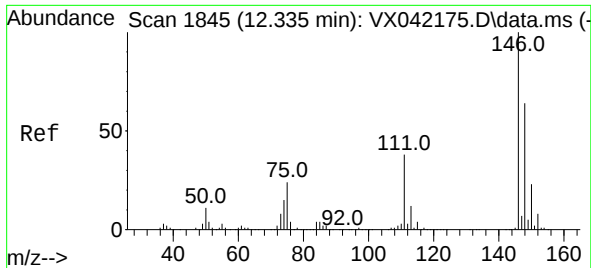
Ion Ratio Lower Upper

146 100

111 33.5 23.9 44.3

148 63.8 44.4 82.5

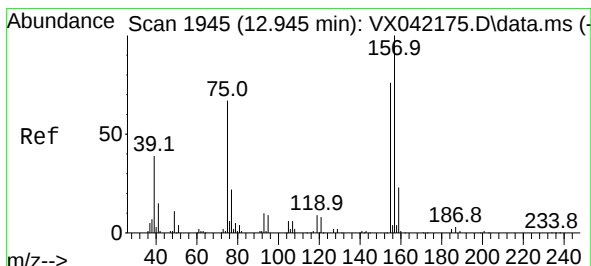
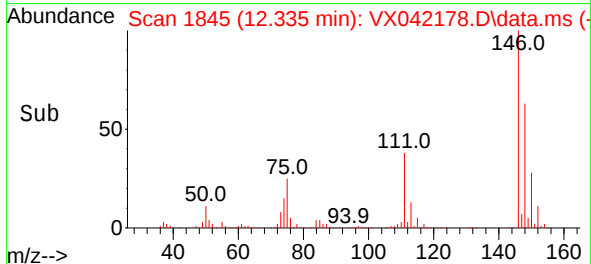
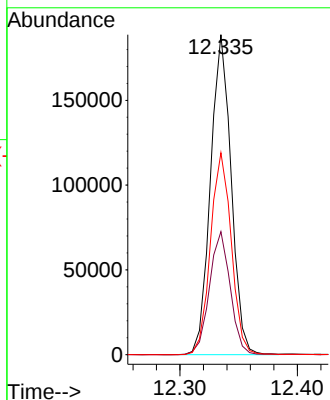
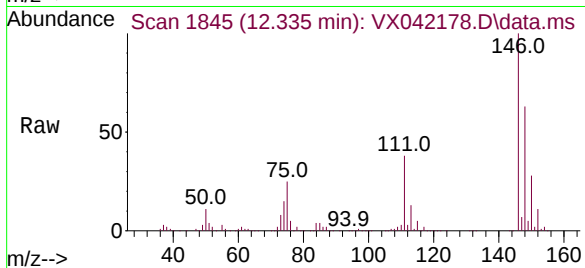




#67
1,2-Dichlorobenzene
Concen: 50.054 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

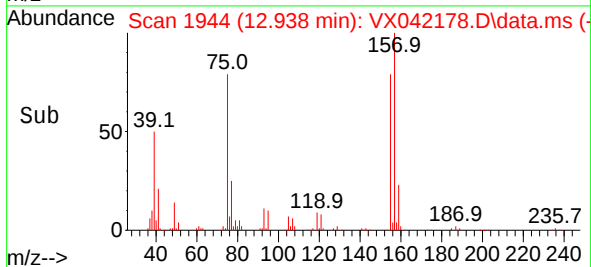
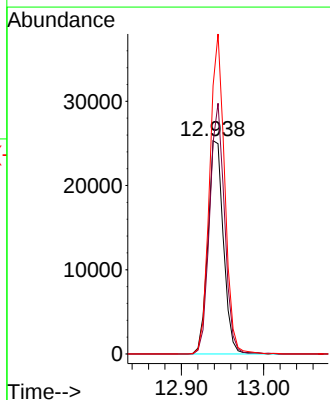
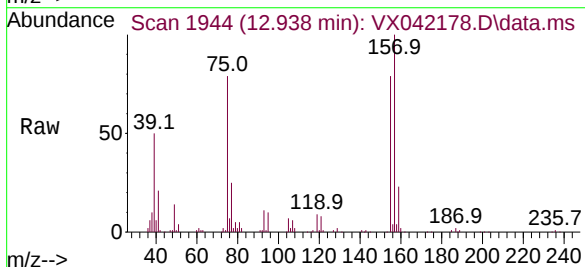
Instrument :
MSVOA_X
ClientSampleId :

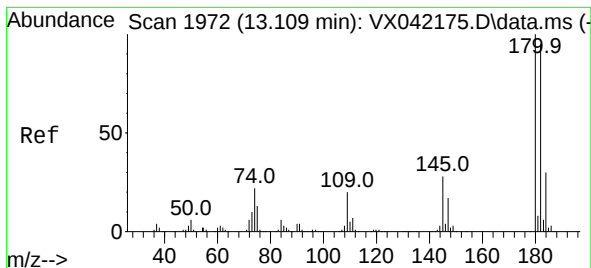
Tgt Ion:146 Resp: 230050
Ion Ratio Lower Upper
146 100
111 38.4 30.2 45.2
148 63.1 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 51.330 ug/L
RT: 12.938 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX042178.D
Acq: 03 Jul 2024 21:48

Tgt Ion: 75 Resp: 33178
Ion Ratio Lower Upper
75 100
155 99.1 90.4 135.6
157 125.8 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 50.863 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

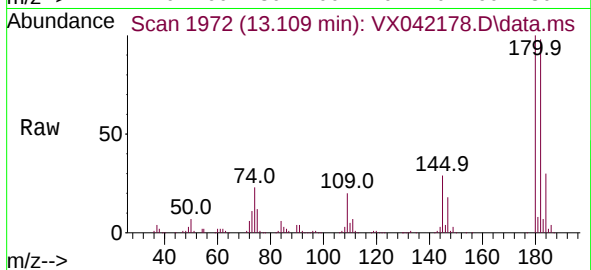
Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 165001

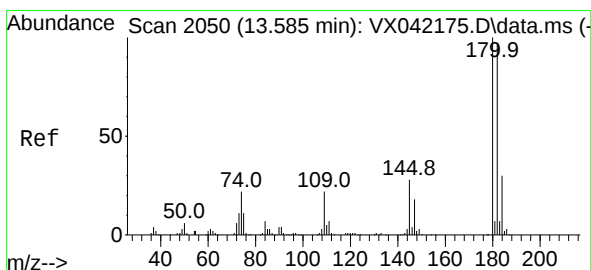
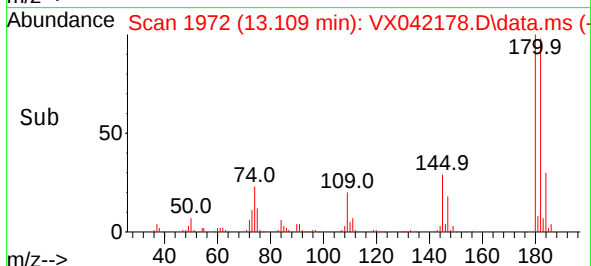
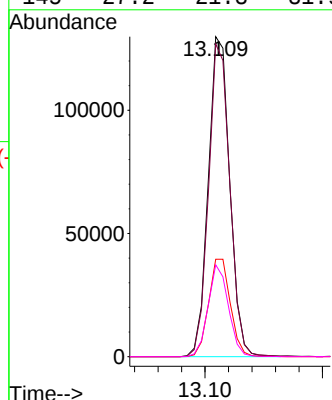
Ion Ratio Lower Upper

180 100

182 96.5 77.0 115.6

184 30.9 24.7 37.1

145 27.2 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 50.824 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

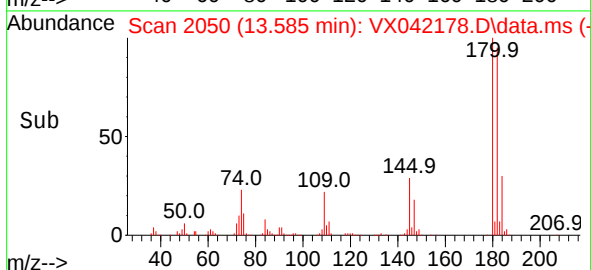
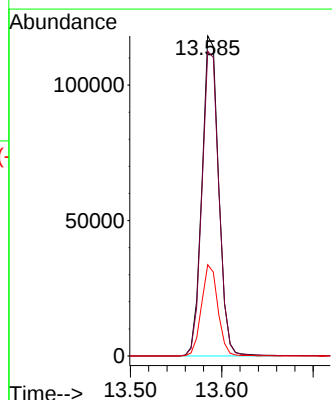
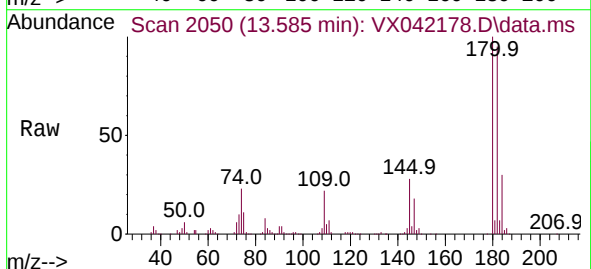
Tgt Ion:180 Resp: 149962

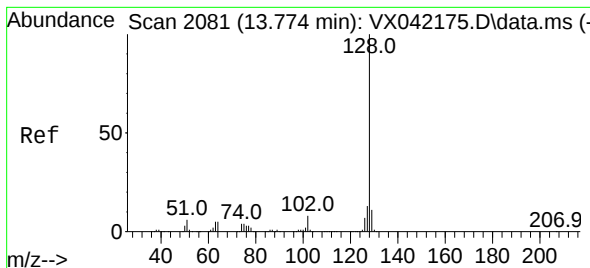
Ion Ratio Lower Upper

180 100

182 96.1 77.8 116.6

145 27.8 21.8 32.8





#71

Naphthalene

Concen: 51.842 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

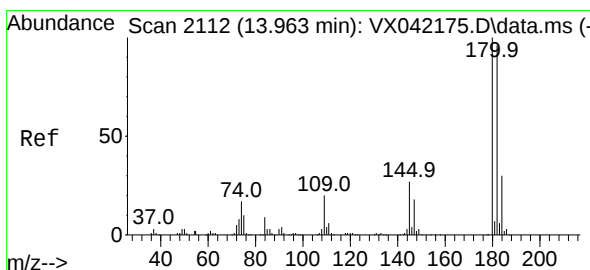
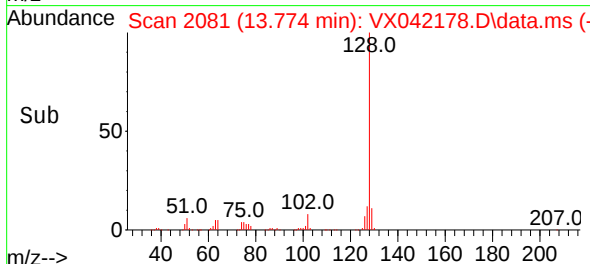
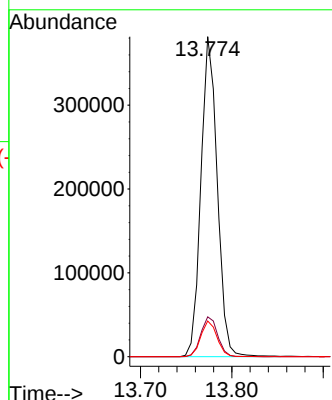
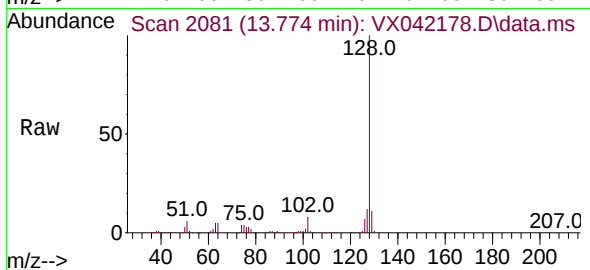
Tgt Ion:128 Resp: 472872

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 51.152 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX042178.D

Acq: 03 Jul 2024 21:48

Tgt Ion:180 Resp: 159487

Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.4

145 29.5 23.0 34.6

