

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070424\
 Data File : VX042180.D
 Acq On : 03 Jul 2024 22:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 05:03:43 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	291160	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	266469	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	143927	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	80129	47.281	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.560%
7) Chloroethane-d5	1.648	69	50036	46.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.780%
11) 1,1-Dichloroethene-d2	2.294	65	35433	47.772	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.540%
21) 2-Butanone-d5	4.465	46	117702	96.375	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.370%
24) Chloroform-d	5.056	84	163548	47.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.952	65	96616	48.037	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.080%
32) Benzene-d6	5.970	84	337621	49.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.040%
36) 1,2-Dichloropropane-d6	7.312	67	102513	49.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.920%
41) Toluene-d8	8.647	98	314105	48.937	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.880%
43) trans-1,3-Dichloroprop...	8.952	79	44051	49.173	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.340%
47) 2-Hexanone-d5	9.384	63	94800	100.758	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.760%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	150237	49.027	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.060%
66) 1,2-Dichlorobenzene-d4	12.317	152	137631	49.233	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	99111	47.589	ug/L	99
3) Chloromethane	1.301	50	99671	47.358	ug/L	99
5) Vinyl chloride	1.374	62	100533	48.566	ug/L	100
6) Bromomethane	1.599	94	53800	47.697	ug/L	99
8) Chloroethane	1.666	64	52237	50.627	ug/L	98
9) Trichlorofluoromethane	1.874	101	126213	46.848	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	89824	48.380	ug/L	100
12) 1,1-Dichloroethene	2.306	96	85284	48.494	ug/L	99
13) Acetone	2.392	43	75328	90.414	ug/L	97
14) Carbon disulfide	2.502	76	218761	50.001	ug/L	99
15) Methyl Acetate	2.709	43	100814	47.624	ug/L	99
16) Methylene chloride	2.788	84	100411	46.277	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	88326	48.831	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	289838	49.000	ug/L	99
19) 1,1-Dichloroethane	3.605	63	157950	48.628	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	102731	48.343	ug/L	98
22) 2-Butanone	4.568	43	136841	98.121	ug/L	98
23) Bromochloromethane	4.897	128	55615	48.971	ug/L	99
25) Chloroform	5.093	83	164745	48.374	ug/L	98

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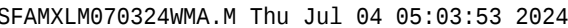
Instrument :
 MSVOA_X
 ClientSampleId :

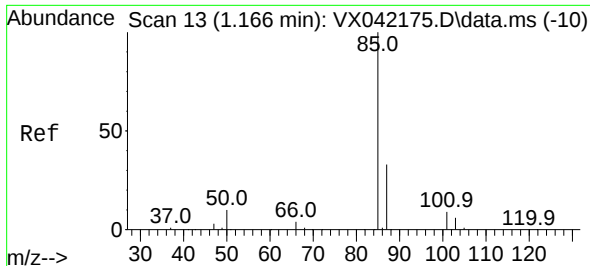
Quant Time: Jul 04 05:03:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 04:57:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	122101	48.378	ug/L	98
29) Cyclohexane	5.471	56	142152	49.361	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	142184	49.010	ug/L	100
31) Carbon tetrachloride	5.672	117	126423	49.889	ug/L	100
33) Benzene	6.037	78	364196	48.875	ug/L	100
34) Trichloroethene	7.123	95	95688	49.023	ug/L	99
35) Methylcyclohexane	7.379	83	148771	50.268	ug/L	100
37) 1,2-Dichloropropane	7.427	63	94279	49.311	ug/L	100
38) Bromodichloromethane	7.824	83	116321	49.682	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	140688	49.974	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	270448	99.172	ug/L	99
42) Toluene	8.720	91	397319	49.971	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	127746	50.611	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	101004	49.373	ug/L	99
46) Tetrachloroethene	9.275	164	90767	49.680	ug/L	99
48) 2-Hexanone	9.433	43	208140	97.190	ug/L	99
49) Dibromochloromethane	9.519	129	104298	50.060	ug/L	99
50) 1,2-Dibromoethane	9.610	107	109912	50.026	ug/L	99
51) Chlorobenzene	10.079	112	269682	49.410	ug/L	99
52) Ethylbenzene	10.195	91	433857	50.212	ug/L	99
53) m,p-Xylene	10.299	106	176023	50.613	ug/L	100
54) o-Xylene	10.640	106	175352	50.475	ug/L	99
55) Styrene	10.653	104	295797	51.100	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	158787	48.360	ug/L	100
59) Bromoform	10.799	173	89301	49.499	ug/L	99
60) Isopropylbenzene	10.963	105	451533	50.108	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	121044	47.362	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	345183	50.376	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	375236	51.098	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	224522	49.682	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	224279	49.062	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	226148	48.613	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	31953	48.840	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	166694	50.766	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	150515	50.398	ug/L	98
71) Naphthalene	13.774	128	471412	51.060	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	157375	49.868	ug/L	99

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

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QLast Update : Thu Jul 04 04:57:52 2024
Response via : Initial Calibration

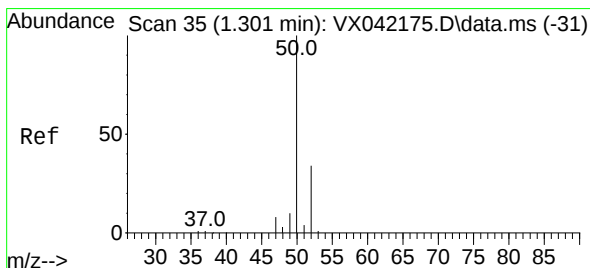
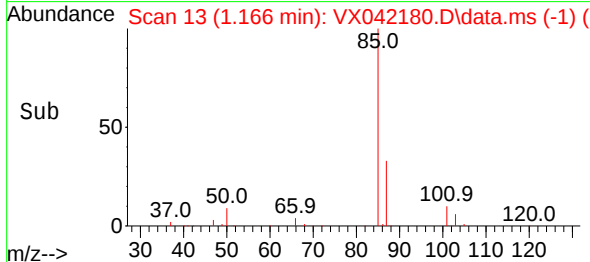
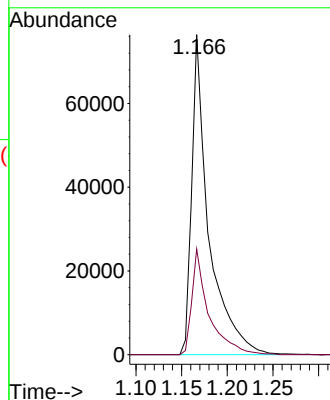
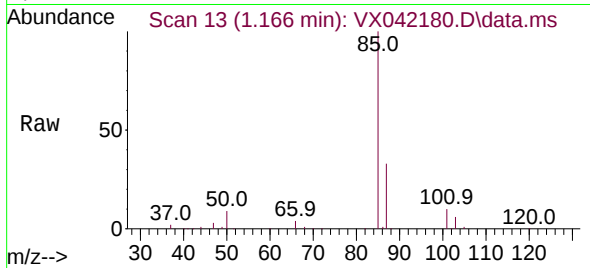




#2
 Dichlorodifluoromethane
 Concen: 47.589 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX042180.D
 Acq: 03 Jul 2024 22:11

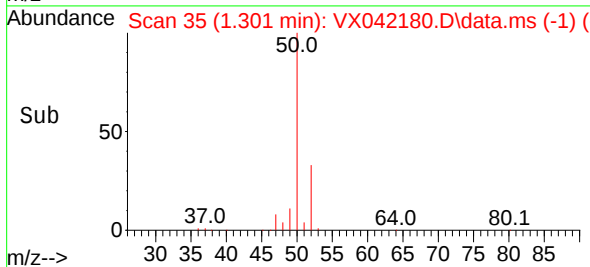
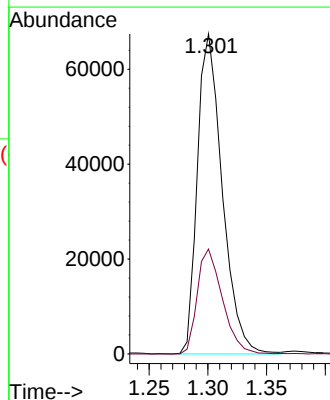
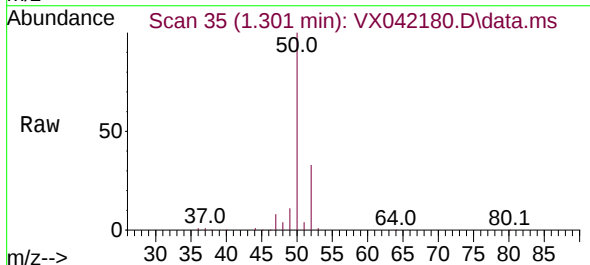
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 MSVOA_X
 ClientSampleId :

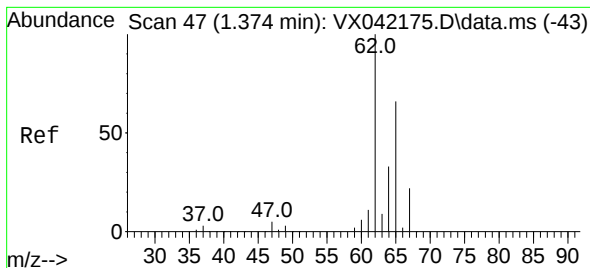
Tgt Ion: 85 Resp: 99111
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 47.358 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: VX042180.D
 Acq: 03 Jul 2024 22:11

Tgt Ion: 50 Resp: 99671
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.5 43.7





#5

Vinyl chloride

Concen: 48.566 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

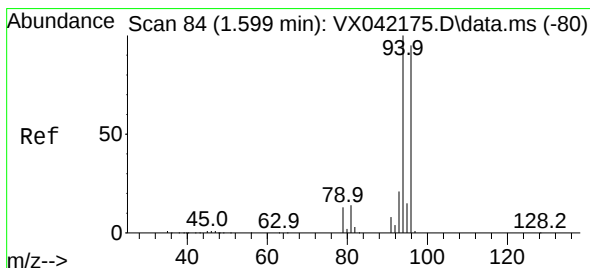
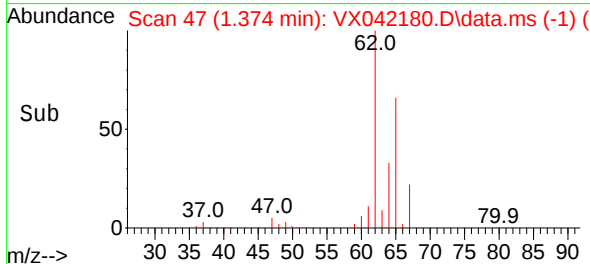
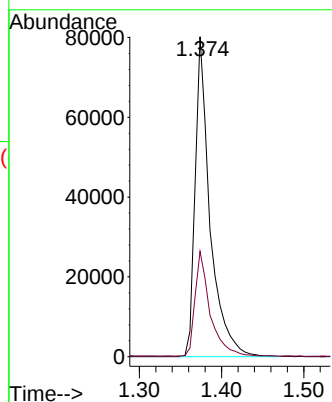
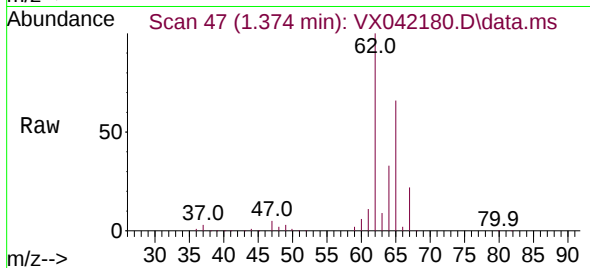
ClientSampleId :

Tgt Ion: 62 Resp: 100533

Ion Ratio Lower Upper

62 100

64 32.9 23.2 43.0



#6

Bromomethane

Concen: 47.697 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX042180.D

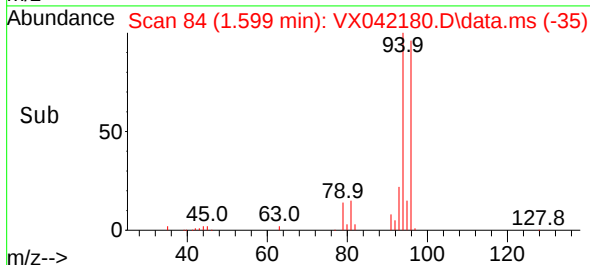
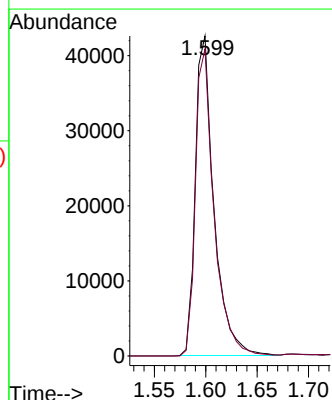
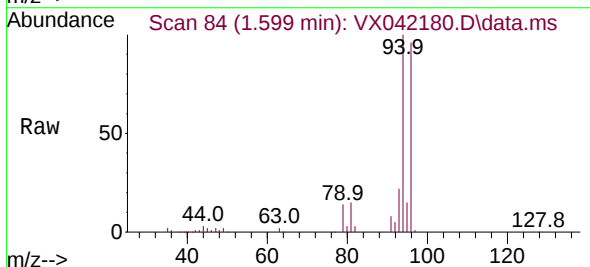
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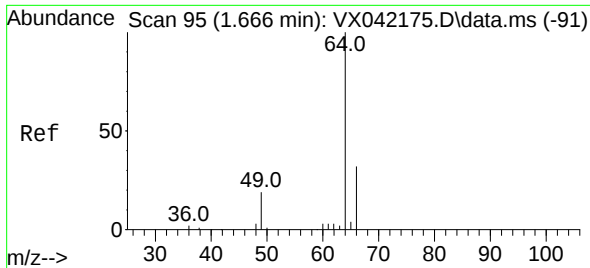
Tgt Ion: 94 Resp: 53800

Ion Ratio Lower Upper

94 100

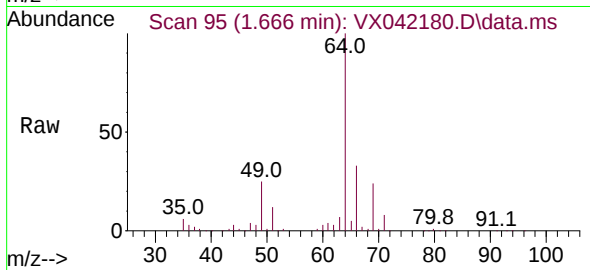
96 95.9 66.4 123.4



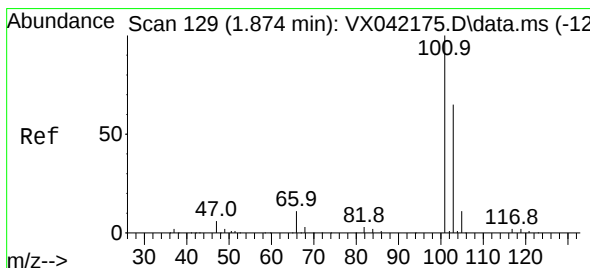
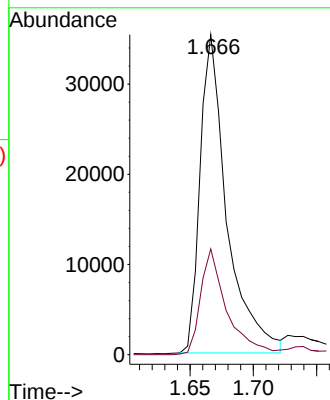
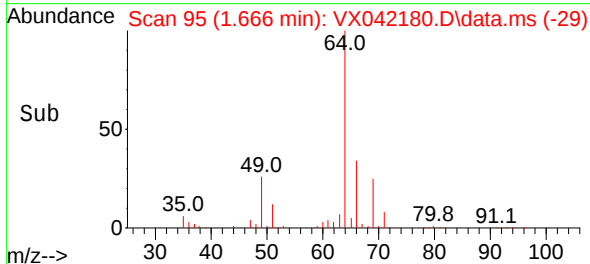


#8
Chloroethane
Concen: 50.627 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

Instrument :
MSVOA_X
ClientSampleId :

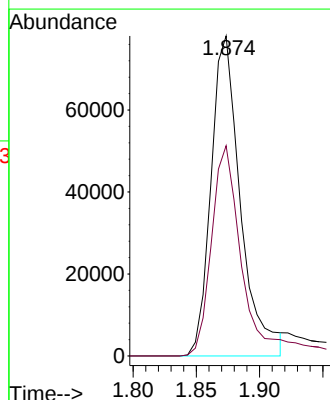
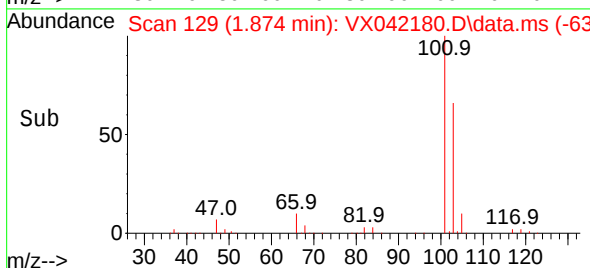
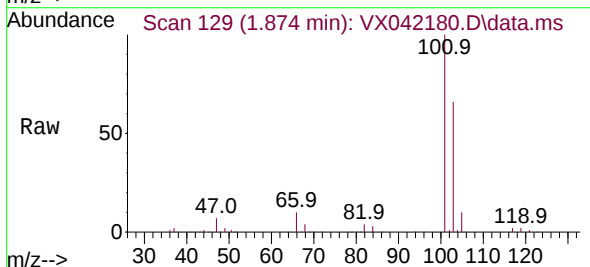


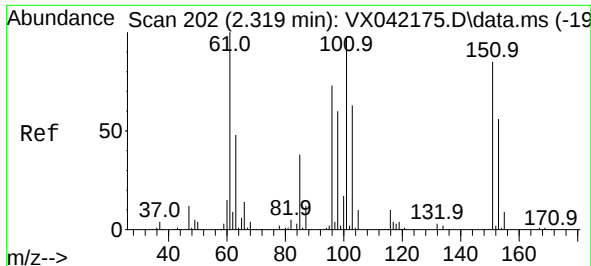
Tgt Ion: 64 Resp: 52237
Ion Ratio Lower Upper
64 100
66 33.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 46.848 ug/L
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

Tgt Ion:101 Resp: 126213
Ion Ratio Lower Upper
101 100
103 63.9 50.2 75.4

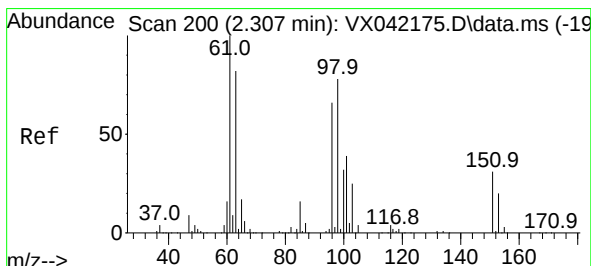
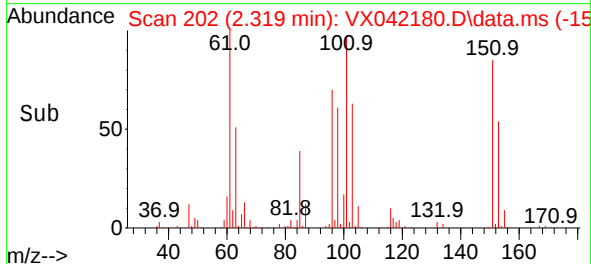
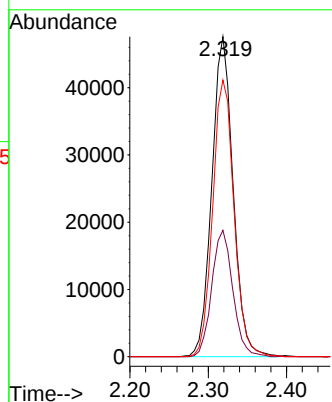
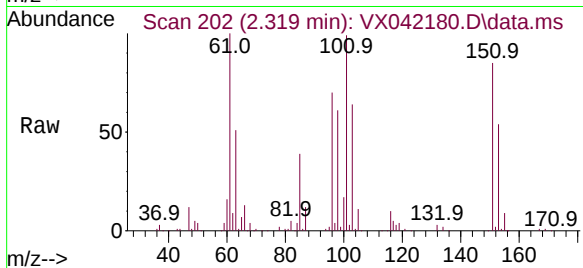




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.380 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

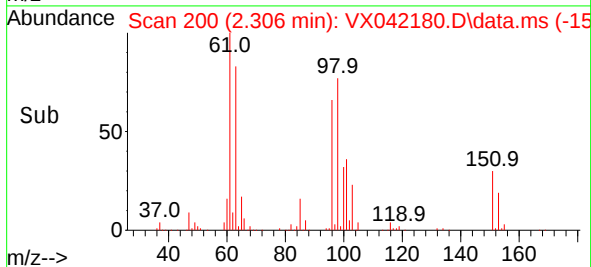
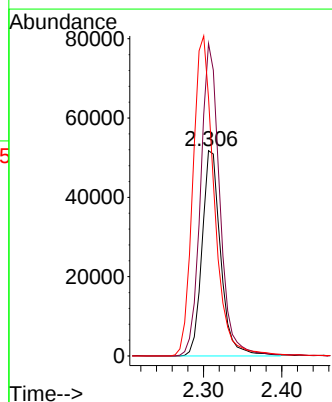
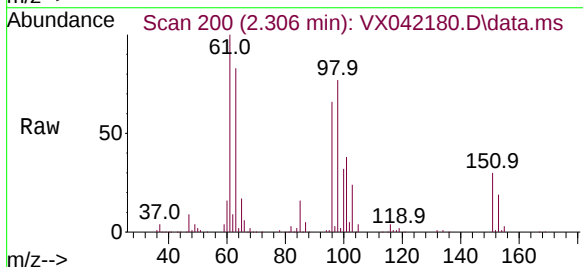
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ClientSampleId :

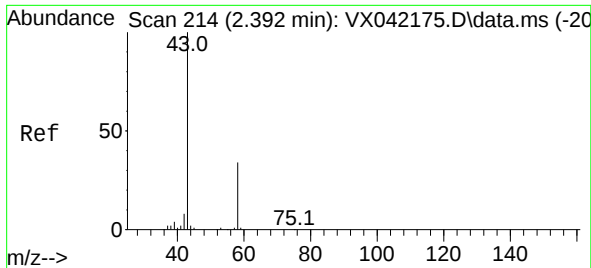
Tgt Ion:101 Resp: 89824
Ion Ratio Lower Upper
101 100
85 39.1 31.3 46.9
151 86.8 69.7 104.5



#12
1,1-Dichloroethene
Concen: 48.494 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

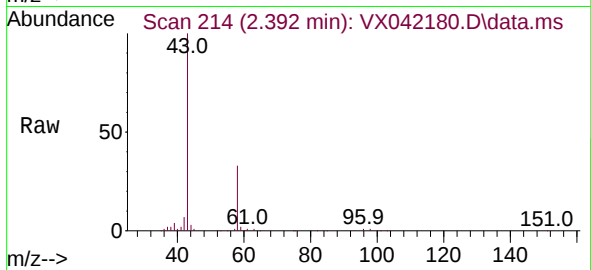
Tgt Ion: 96 Resp: 85284
Ion Ratio Lower Upper
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61 152.2 106.7 198.1
63 125.8 89.2 165.6



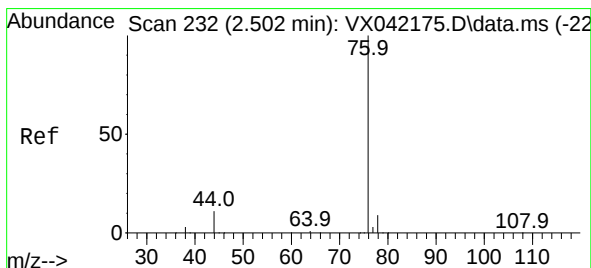
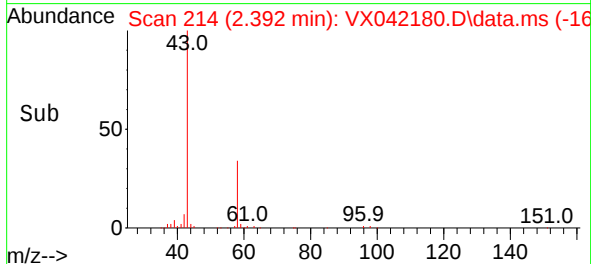
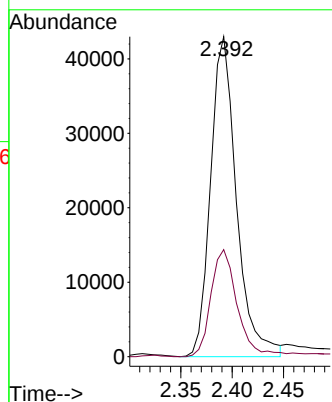


#13
Acetone
Concen: 90.414 ug/L
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

Instrument :
MSVOA_X
ClientSampleId :

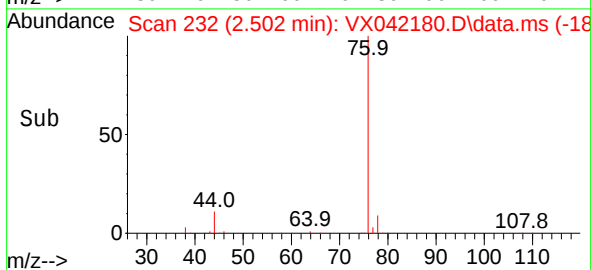
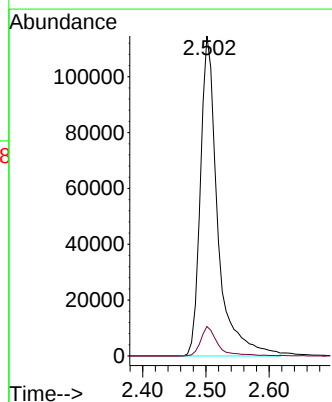
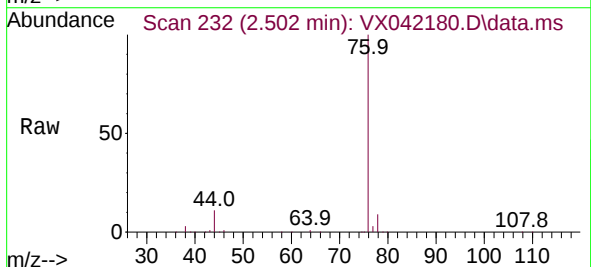


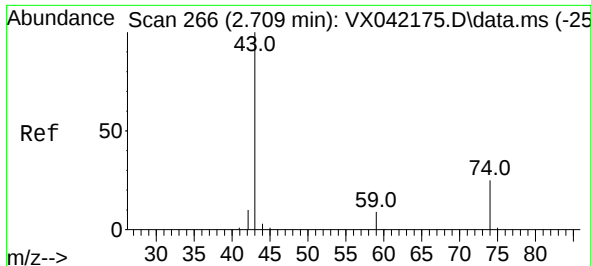
Tgt Ion: 43 Resp: 75328
Ion Ratio Lower Upper
43 100
58 32.9 0.0 62.6



#14
Carbon disulfide
Concen: 50.001 ug/L
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

Tgt Ion: 76 Resp: 218761
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7





#15

Methyl Acetate

Concen: 47.624 ug/L

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

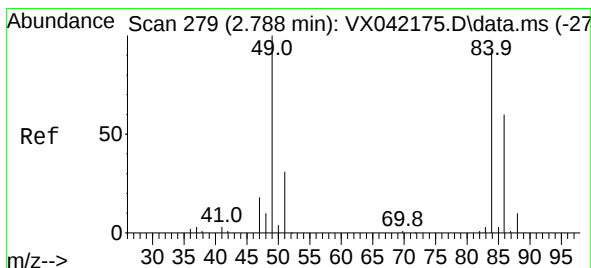
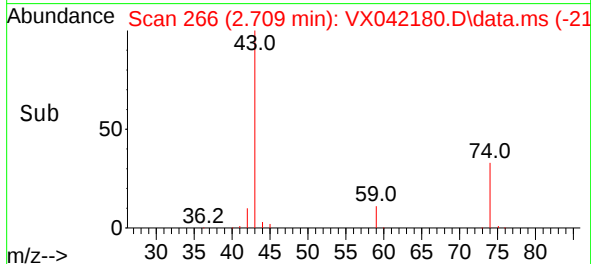
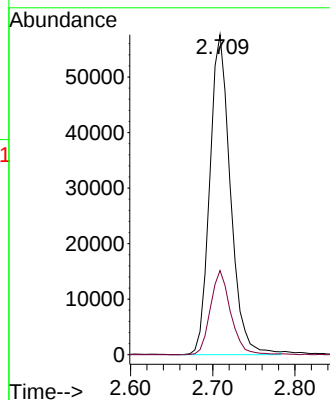
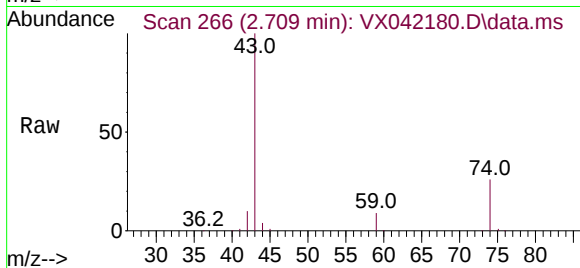
ClientSampleId :

Tgt Ion: 43 Resp: 100814

Ion Ratio Lower Upper

43 100

74 25.7 20.1 30.1



#16

Methylene chloride

Concen: 46.277 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

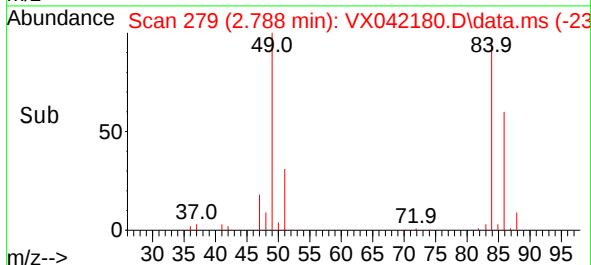
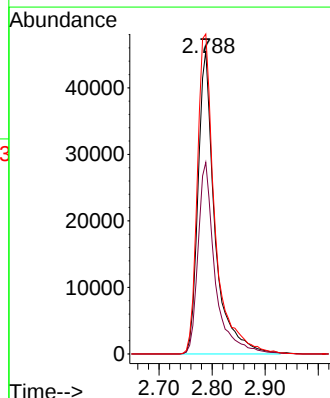
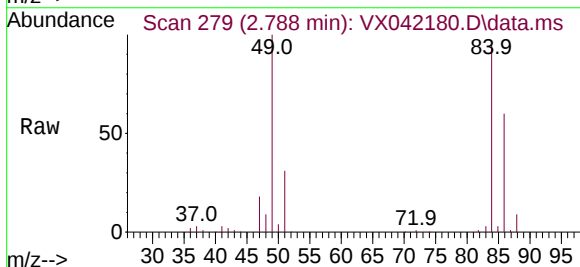
Tgt Ion: 84 Resp: 100411

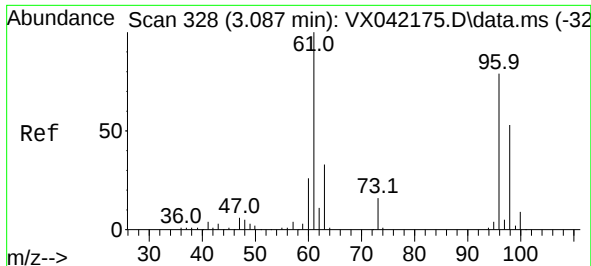
Ion Ratio Lower Upper

84 100

86 63.2 45.7 84.9

49 105.6 76.4 141.8





#17

trans-1,2-Dichloroethene

Concen: 48.831 ug/L

RT: 3.087 min Scan# 328

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

ClientSampleId :

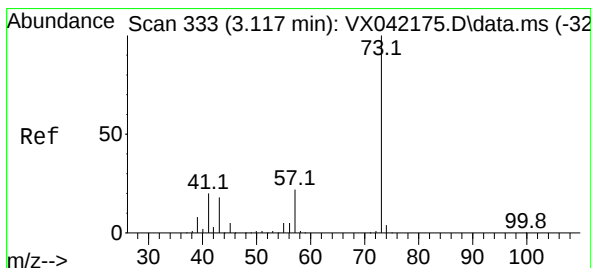
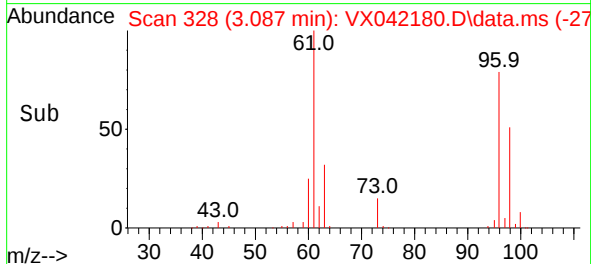
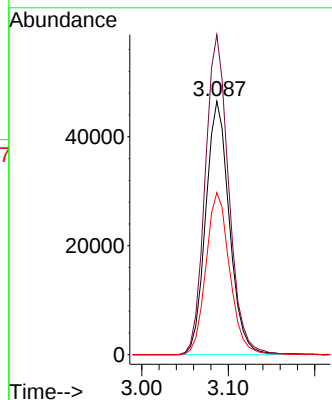
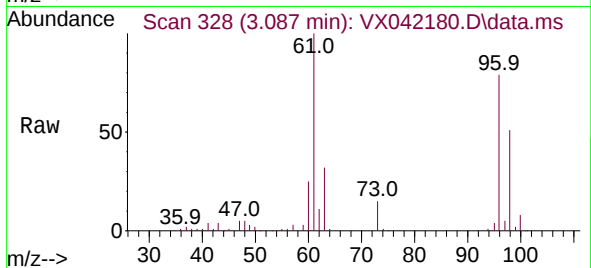
Tgt Ion: 96 Resp: 88326

Ion Ratio Lower Upper

96 100

61 126.3 88.4 164.2

98 64.0 46.5 86.5



#18

Methyl tert-butyl Ether

Concen: 49.000 ug/L

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

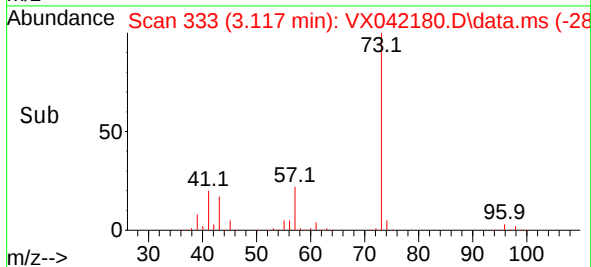
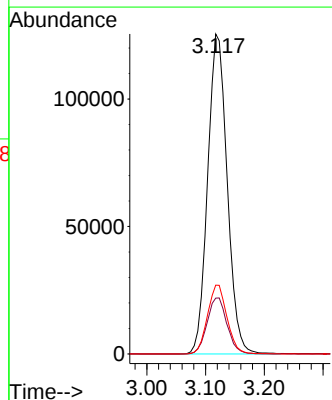
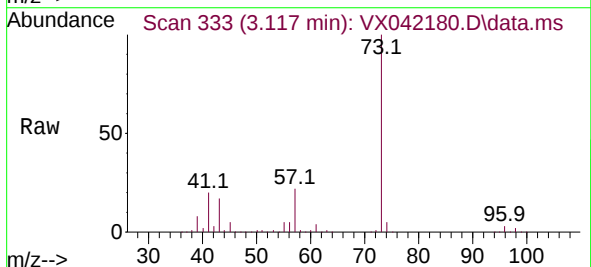
Tgt Ion: 73 Resp: 289838

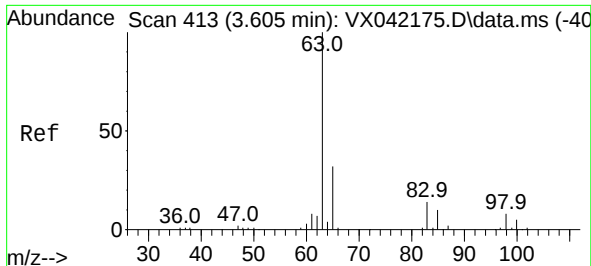
Ion Ratio Lower Upper

73 100

43 17.9 14.5 21.7

57 21.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 48.628 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

ClientSampleId :

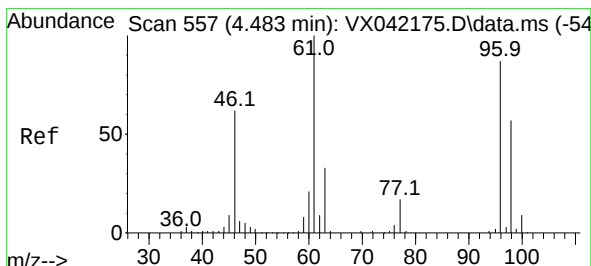
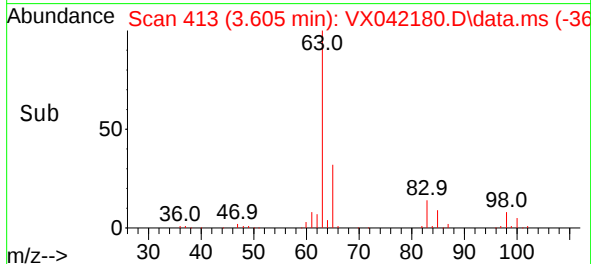
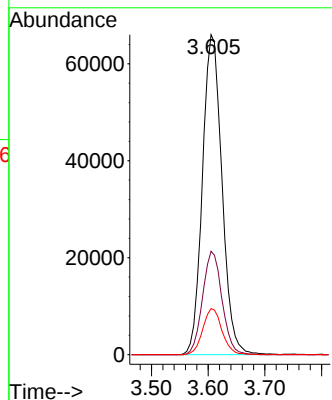
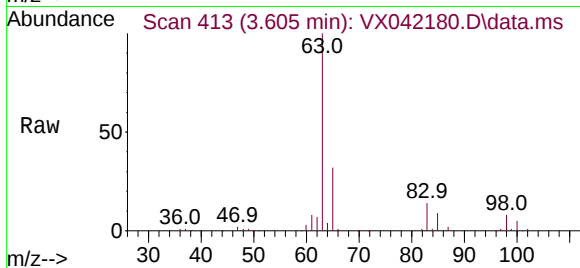
Tgt Ion: 63 Resp: 157950

Ion Ratio Lower Upper

63 100

65 32.3 22.2 41.2

83 14.4 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 48.343 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

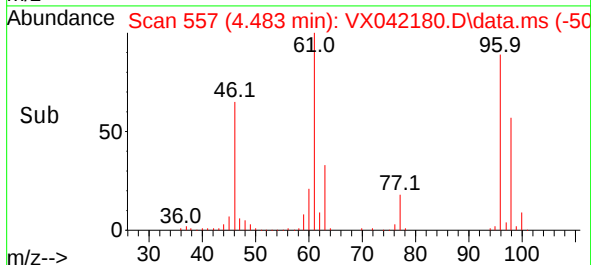
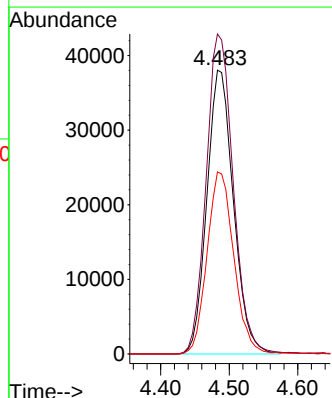
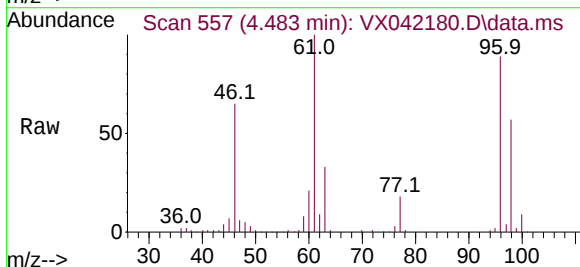
Tgt Ion: 96 Resp: 102731

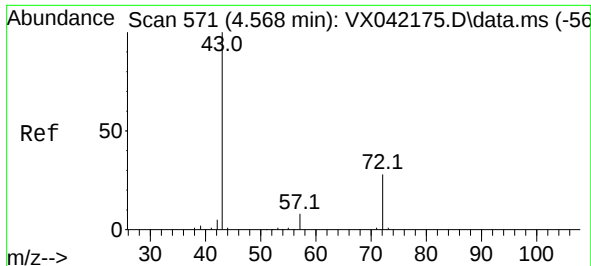
Ion Ratio Lower Upper

96 100

61 112.8 80.5 149.5

98 64.2 45.7 84.9

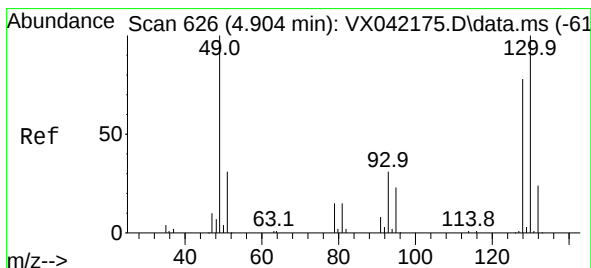
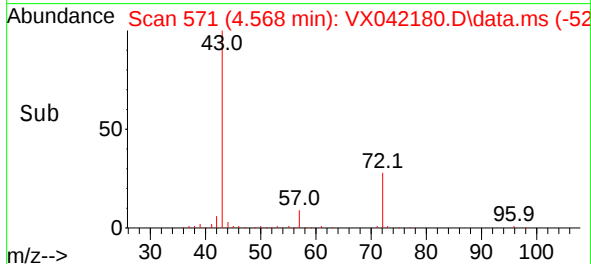
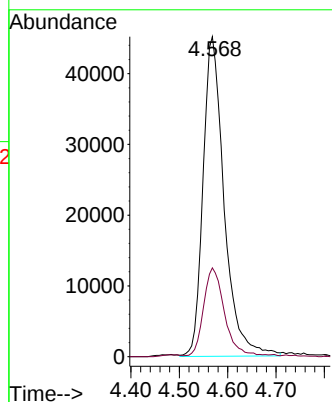
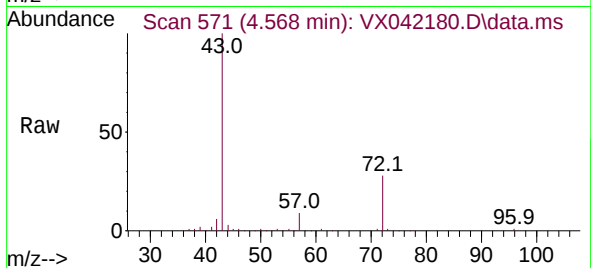




#22
2-Butanone
Concen: 98.121 ug/L
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

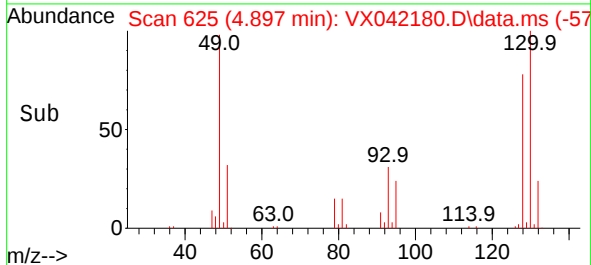
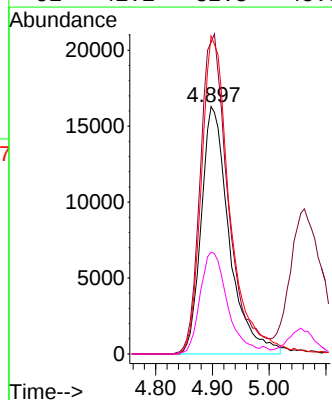
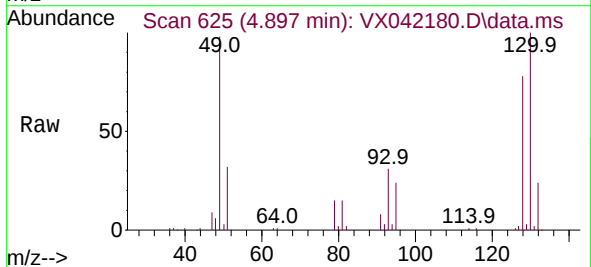
Instrument :
MSVOA_X
ClientSampleId :

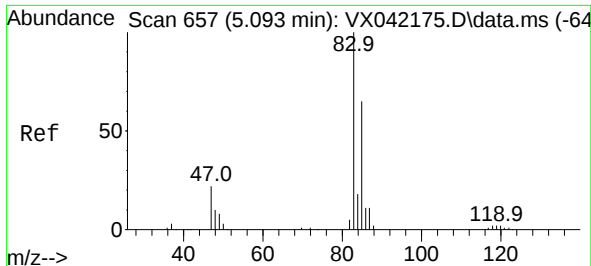
Tgt Ion: 43 Resp: 136841
Ion Ratio Lower Upper
43 100
72 26.6 13.7 41.1



#23
Bromochloromethane
Concen: 48.971 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

Tgt Ion: 128 Resp: 55615
Ion Ratio Lower Upper
128 100
49 125.9 89.7 166.7
130 128.5 90.0 167.2
51 41.1 32.3 48.5





#25

Chloroform

Concen: 48.374 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

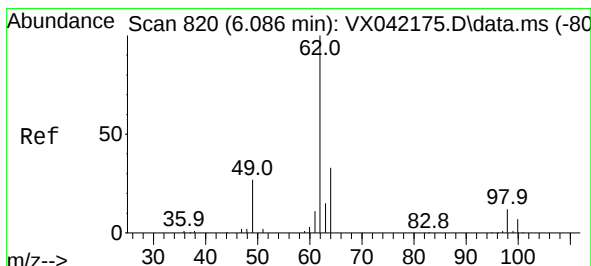
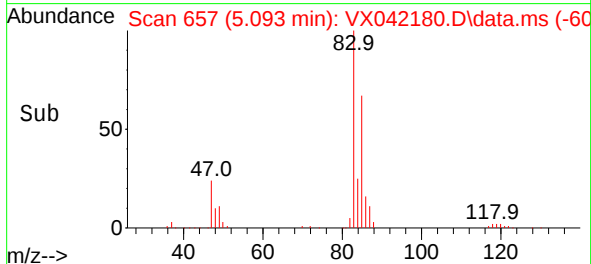
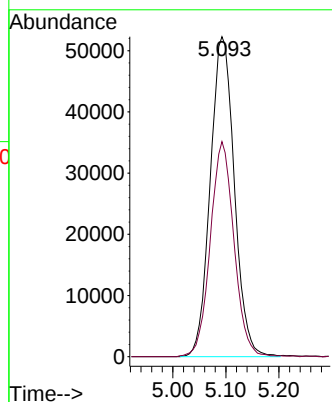
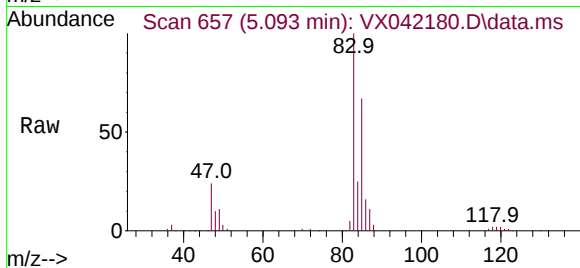
ClientSampleId :

Tgt Ion: 83 Resp: 164745

Ion Ratio Lower Upper

83 100

85 67.2 45.8 85.2



#27

1,2-Dichloroethane

Concen: 48.378 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX042180.D

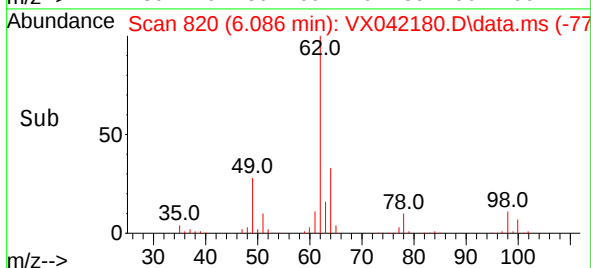
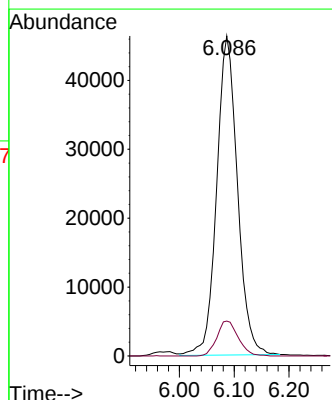
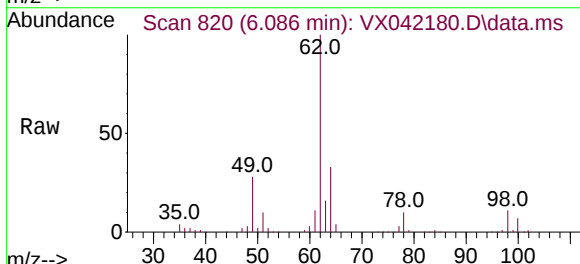
Acq: 03 Jul 2024 22:11

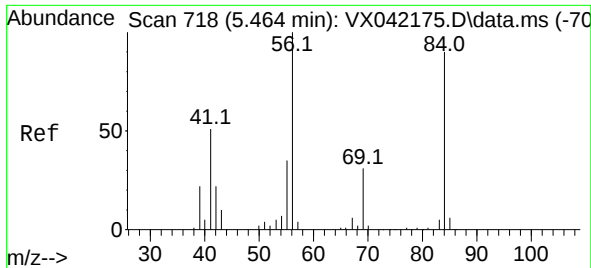
Tgt Ion: 62 Resp: 122101

Ion Ratio Lower Upper

62 100

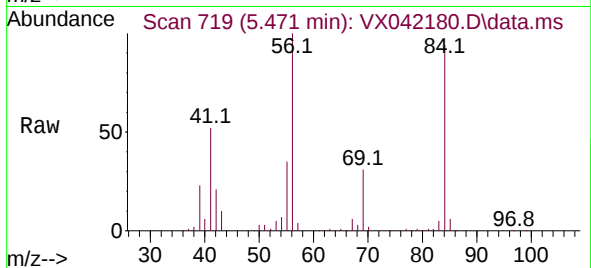
98 10.9 9.3 13.9



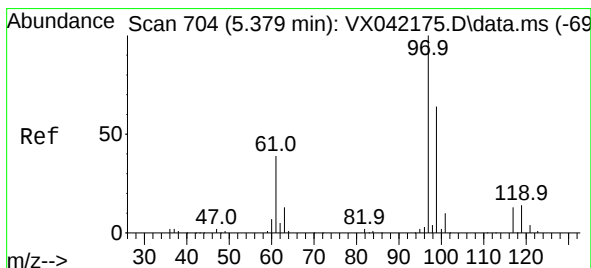
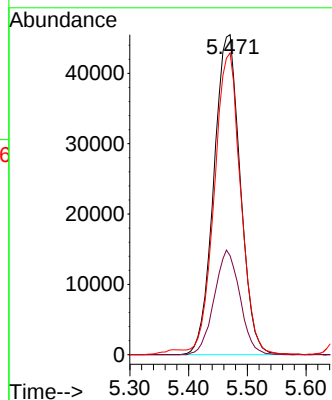
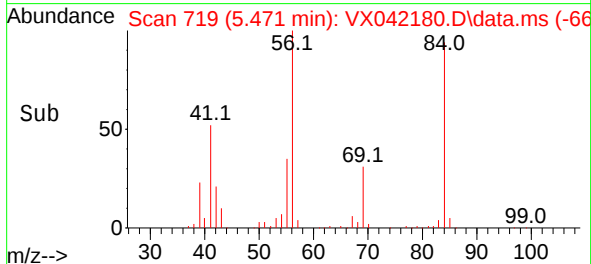


#29
Cyclohexane
Concen: 49.361 ug/L
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

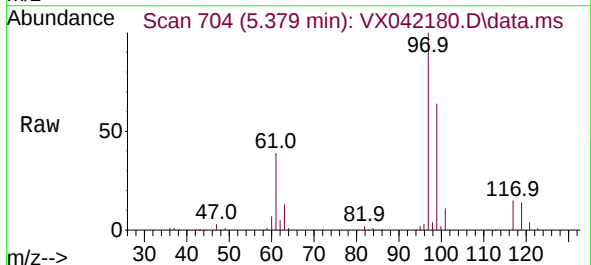
Instrument :
MSVOA_X
ClientSampleId :



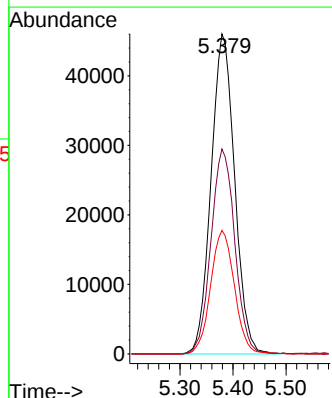
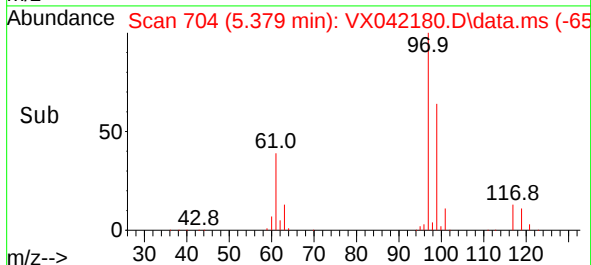
Tgt Ion: 56 Resp: 142152
Ion Ratio Lower Upper
56 100
69 31.7 25.3 37.9
84 93.6 74.0 111.0

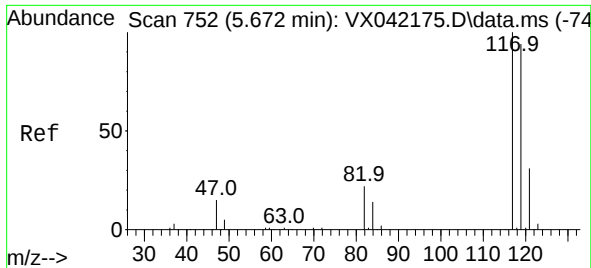


#30
1,1,1-Trichloroethane
Concen: 49.010 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11



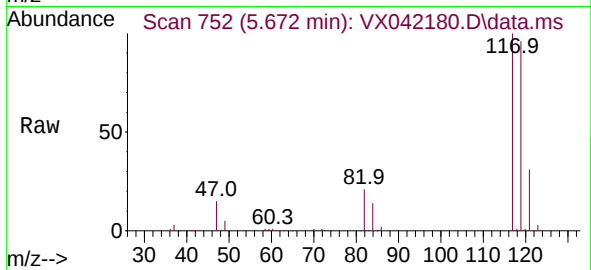
Tgt Ion: 97 Resp: 142184
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 38.9 31.2 46.8



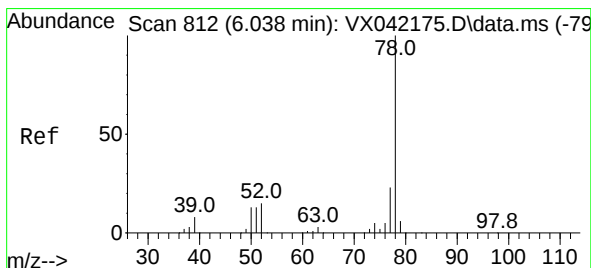
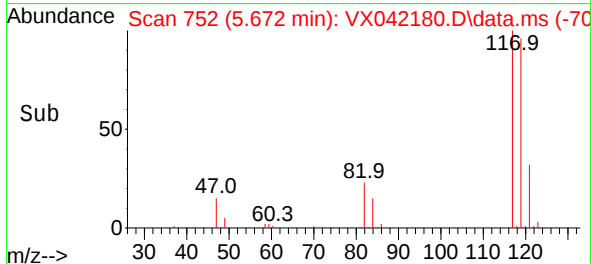
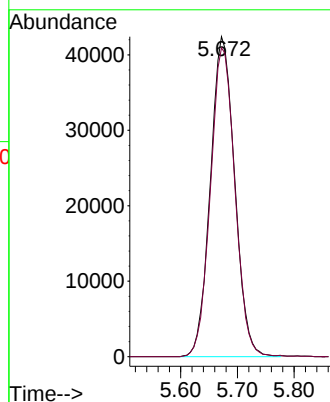


#31
Carbon tetrachloride
Concen: 49.889 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

Instrument :
MSVOA_X
ClientSampleId :

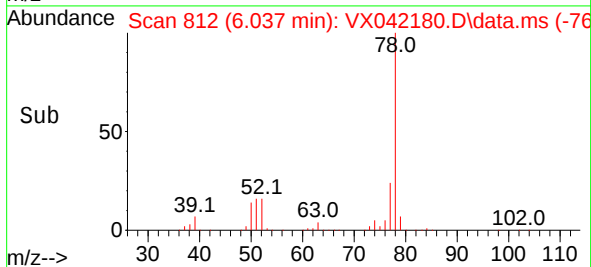
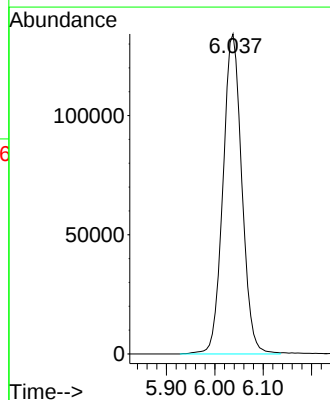
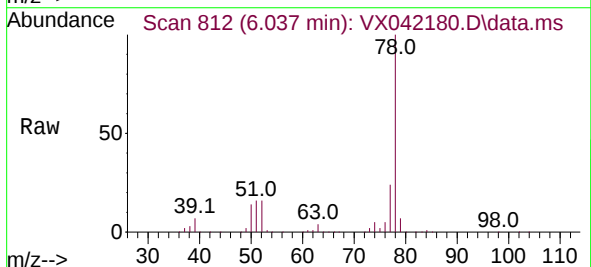


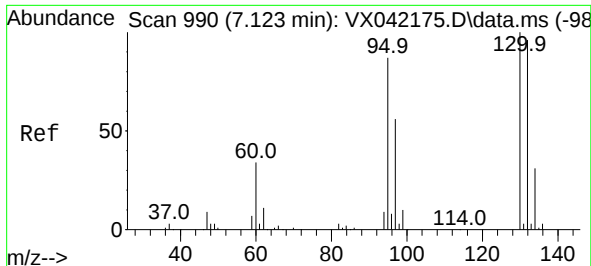
Tgt Ion:117 Resp: 126423
Ion Ratio Lower Upper
117 100
119 97.0 77.7 116.5



#33
Benzene
Concen: 48.875 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

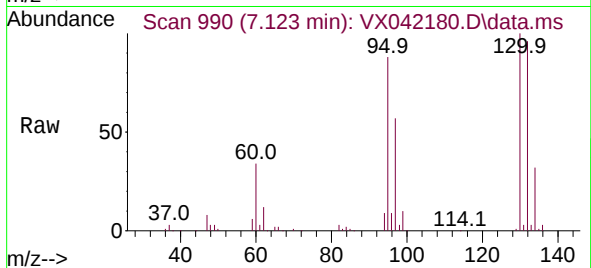
Tgt Ion: 78 Resp: 364196



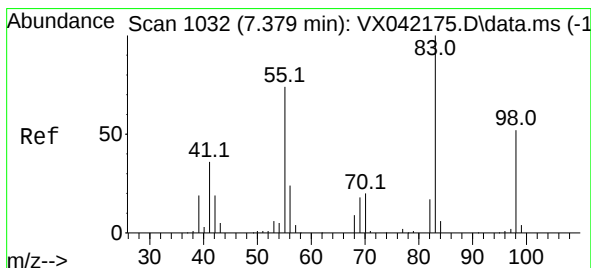
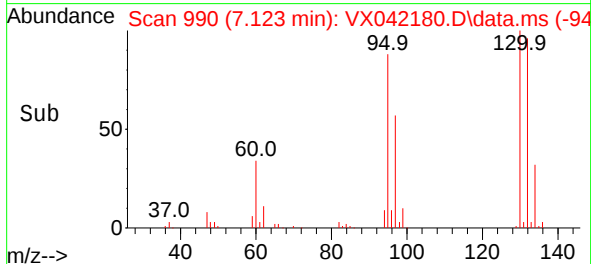
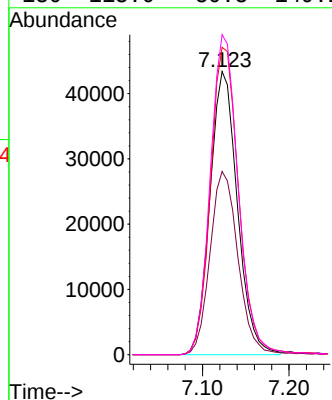


#34
Trichloroethene
Concen: 49.023 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

Instrument :
MSVOA_X
ClientSampleId :

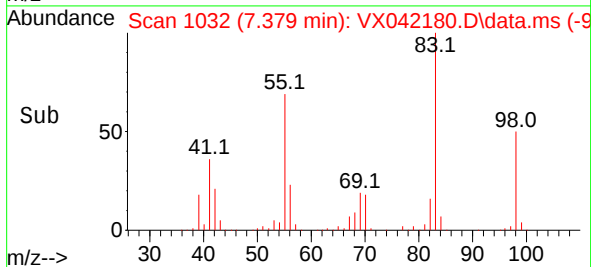
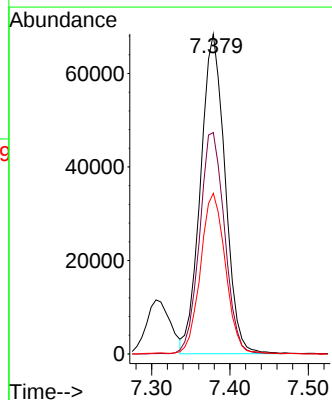
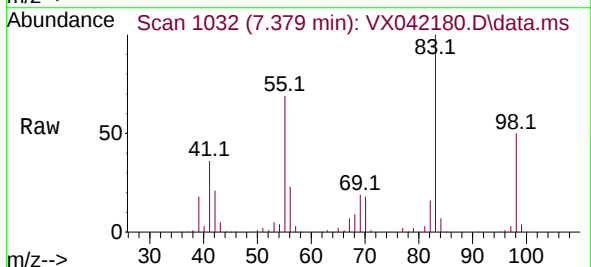


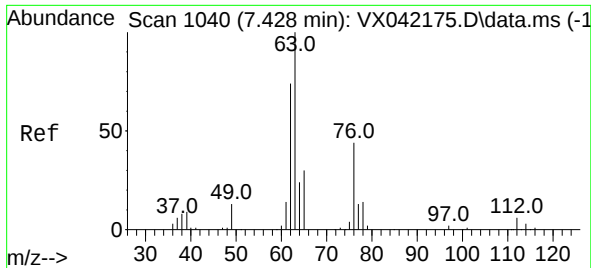
Tgt Ion: 95 Resp: 95688
Ion Ratio Lower Upper
95 100
97 64.7 45.1 83.7
132 108.6 77.2 143.4
130 113.0 80.3 149.1



#35
Methylcyclohexane
Concen: 50.268 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

Tgt Ion: 83 Resp: 148771
Ion Ratio Lower Upper
83 100
55 70.7 56.4 84.6
98 51.1 40.4 60.6

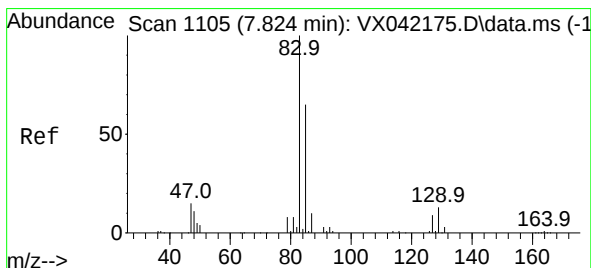
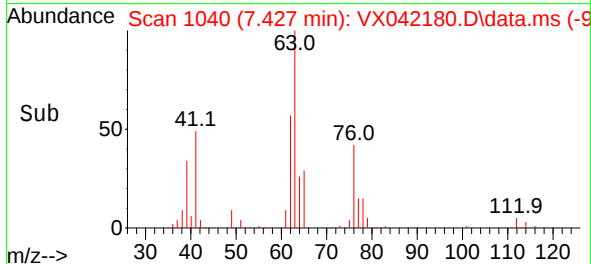
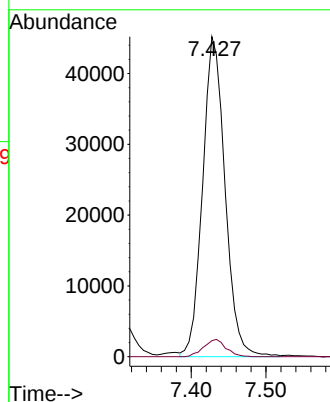
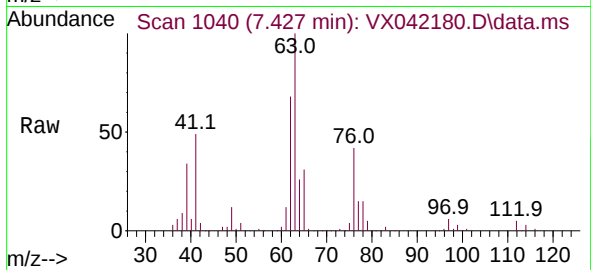




#37
1,2-Dichloropropane
Concen: 49.311 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

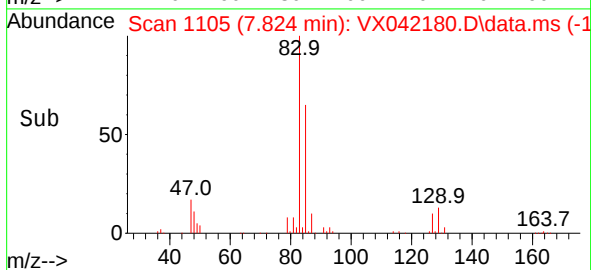
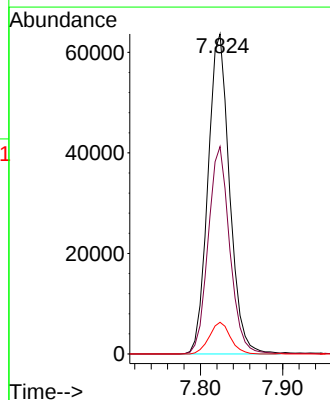
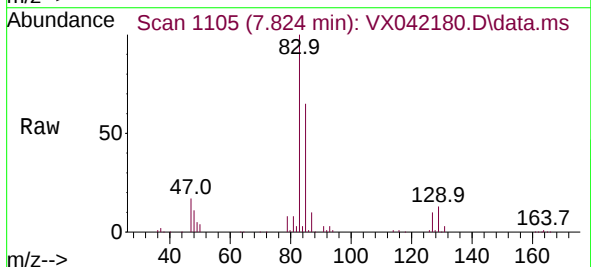
Instrument :
MSVOA_X
ClientSampleId :

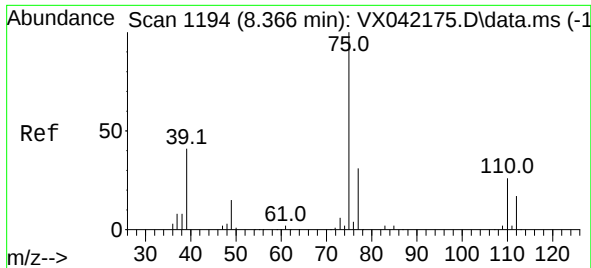
Tgt Ion: 63 Resp: 94279
Ion Ratio Lower Upper
63 100
112 5.3 4.3 6.5



#38
Bromodichloromethane
Concen: 49.682 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

Tgt Ion: 83 Resp: 116321
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2
127 9.9 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 49.974 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

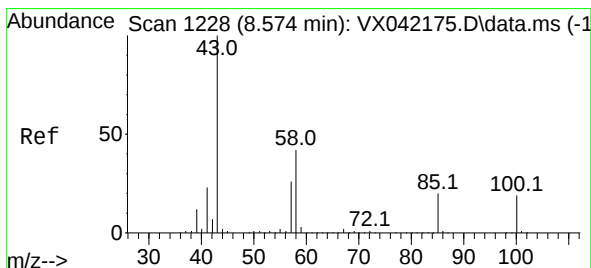
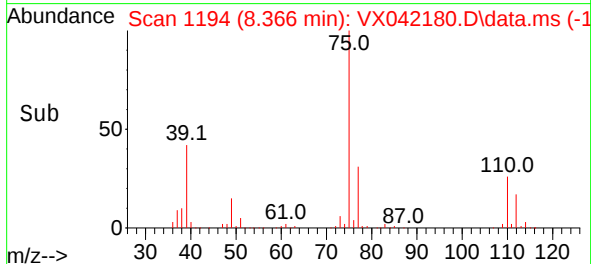
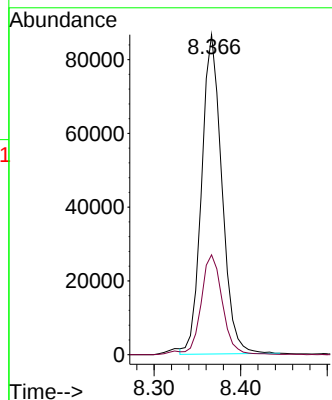
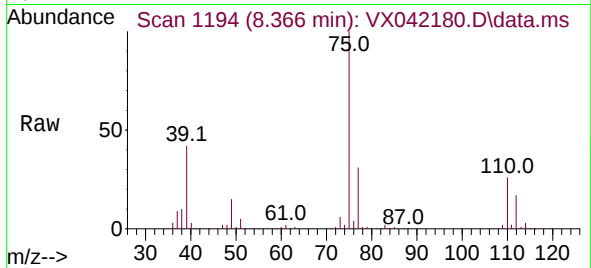
ClientSampleId :

Tgt Ion: 75 Resp: 140688

Ion Ratio Lower Upper

75 100

77 31.2 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 99.172 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

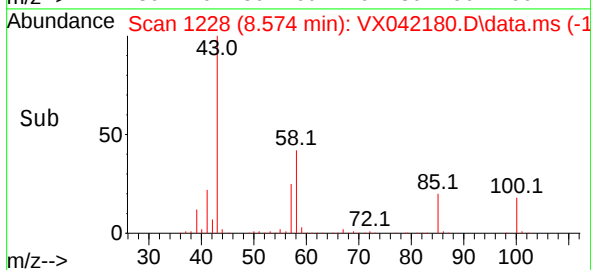
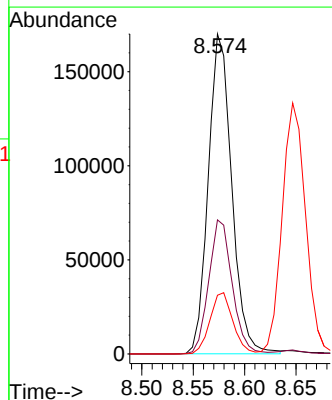
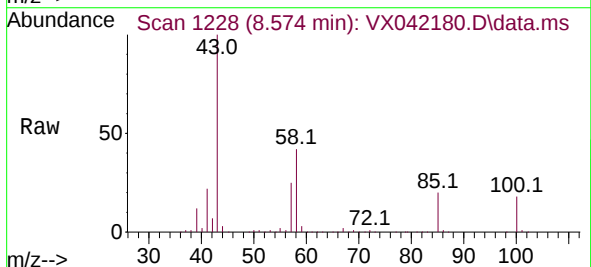
Tgt Ion: 43 Resp: 270448

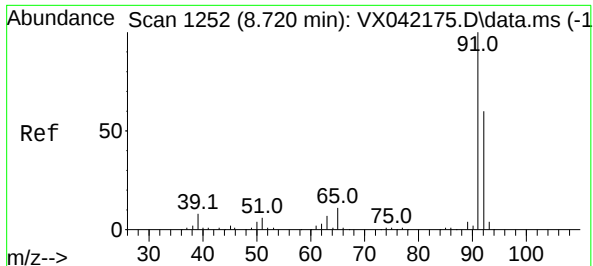
Ion Ratio Lower Upper

43 100

58 41.8 33.7 50.5

100 18.6 15.4 23.2





#42

Toluene

Concen: 49.971 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

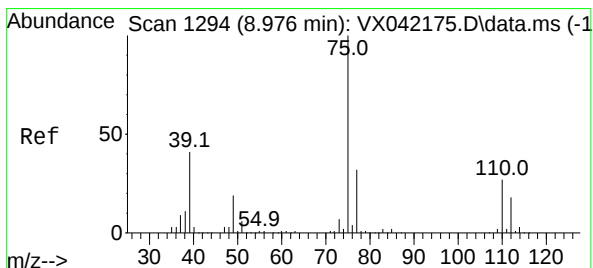
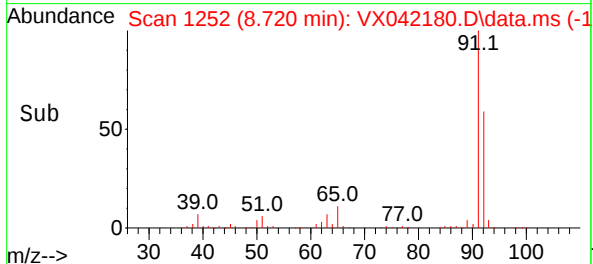
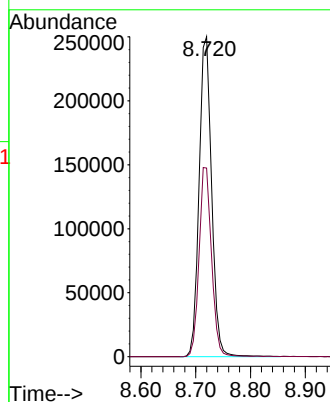
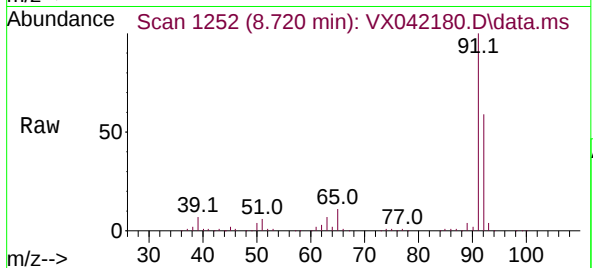
ClientSampleId :

Tgt Ion: 91 Resp: 397319

Ion Ratio Lower Upper

91 100

92 59.0 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 50.611 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042180.D

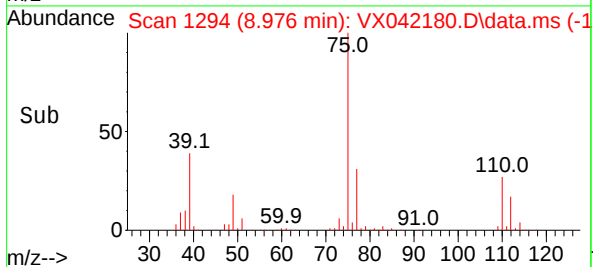
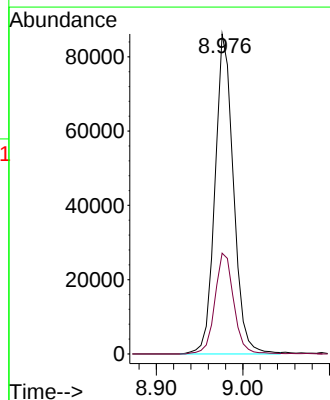
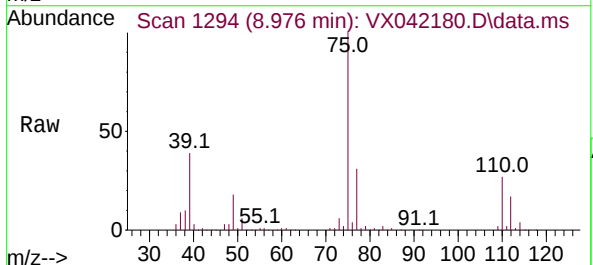
Acq: 03 Jul 2024 22:11

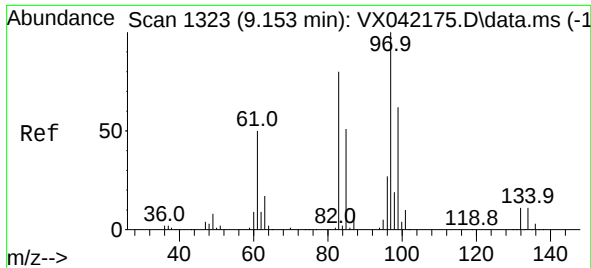
Tgt Ion: 75 Resp: 127746

Ion Ratio Lower Upper

75 100

77 31.5 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 49.373 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 101004

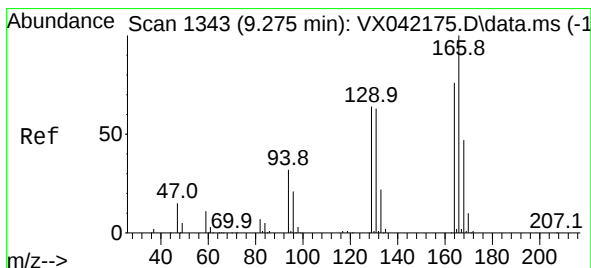
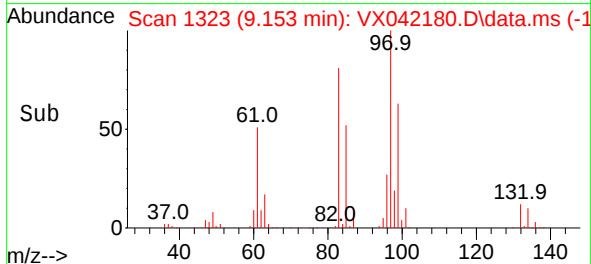
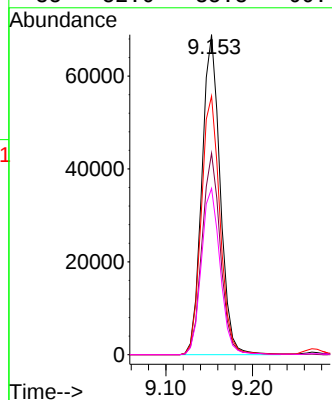
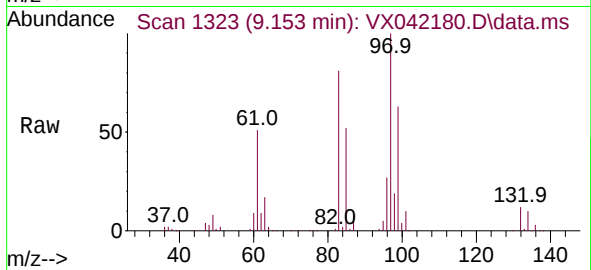
Ion Ratio Lower Upper

97 100

99 62.9 43.3 80.3

83 80.8 56.2 104.4

85 52.0 35.8 66.4



#46

Tetrachloroethene

Concen: 49.680 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Tgt Ion:164 Resp: 90767

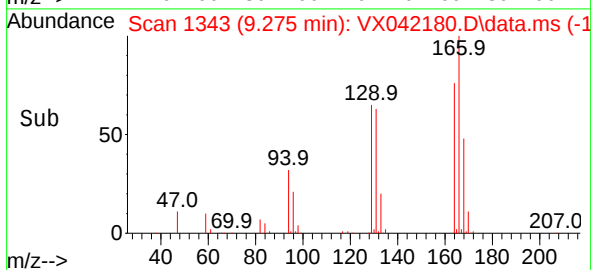
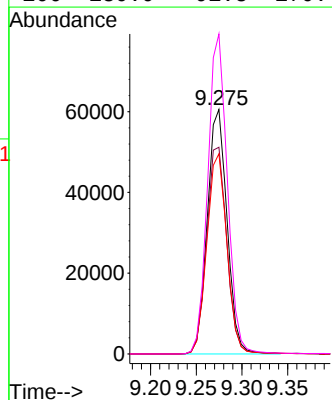
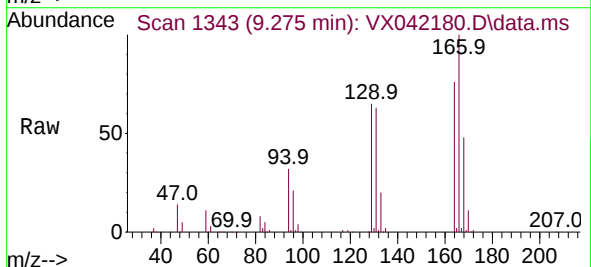
Ion Ratio Lower Upper

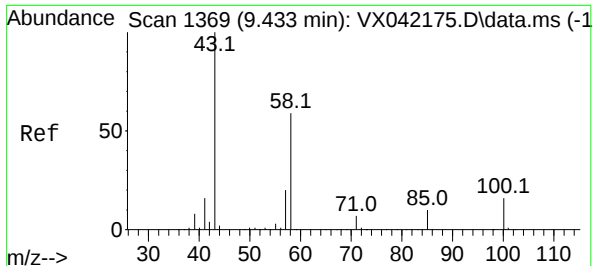
164 100

129 84.6 58.6 108.8

131 81.9 57.9 107.5

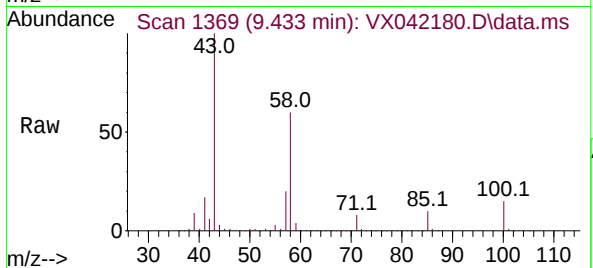
166 130.9 91.8 170.4



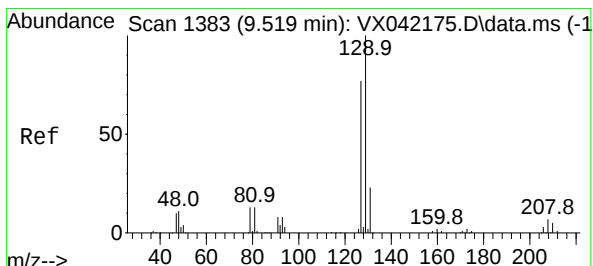
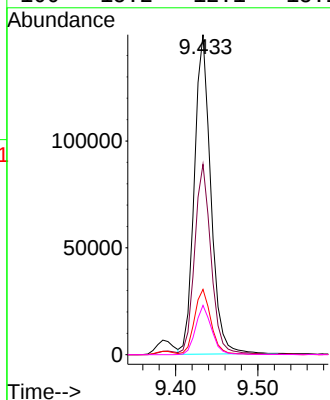
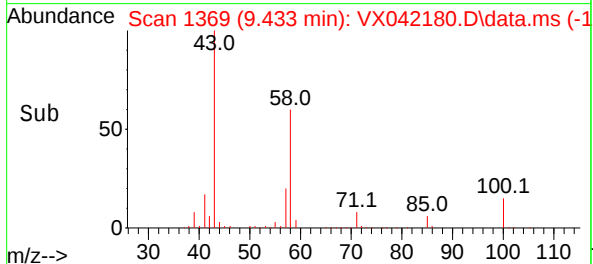


#48
2-Hexanone
Concen: 97.190 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

Instrument :
MSVOA_X
ClientSampleId :

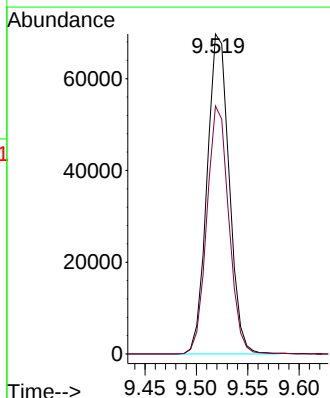
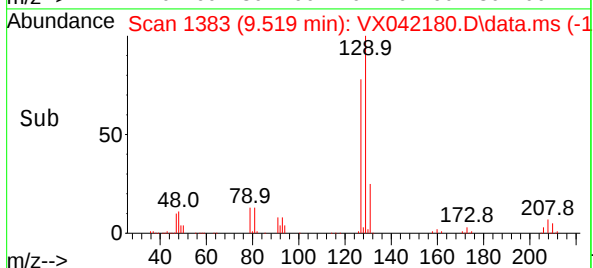
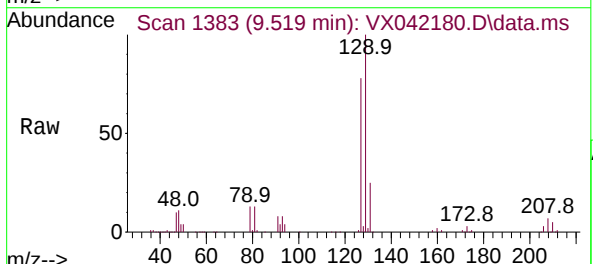


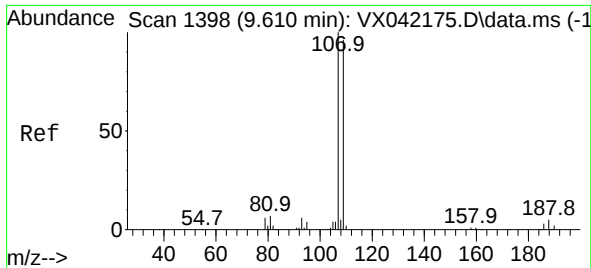
Tgt Ion: 43	Resp: 208140
Ion Ratio	Lower Upper
43 100	
58 59.2	46.4 69.6
57 20.3	16.3 24.5
100 15.2	12.1 18.1



#49
Dibromochloromethane
Concen: 50.060 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

Tgt Ion:129	Resp: 104298		
Ion Ratio	Lower	Upper	
129 100			
127 77.5	53.7	99.7	





#50

1,2-Dibromoethane

Concen: 50.026 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX042180.D

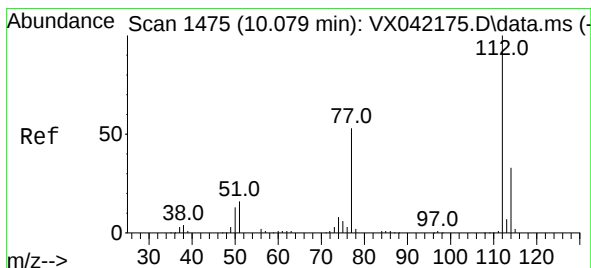
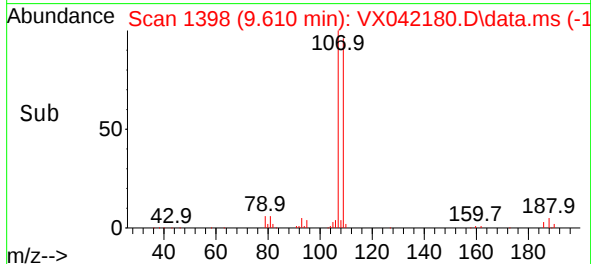
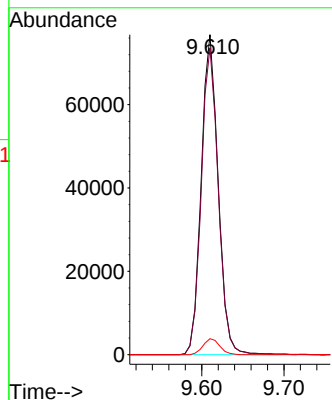
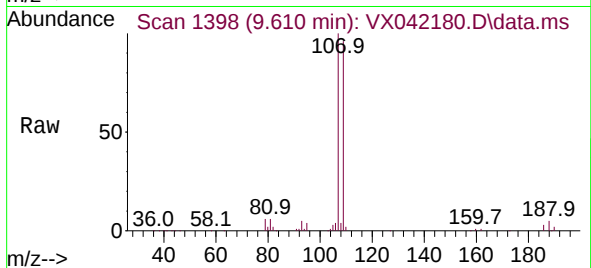
Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	107	Resp:	109912
Ion Ratio	Lower	Upper	
107	100		
109	95.9	67.5	125.3
188	5.0	4.2	6.2



#51

Chlorobenzene

Concen: 49.410 ug/L

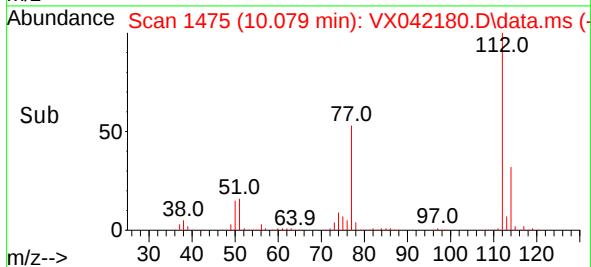
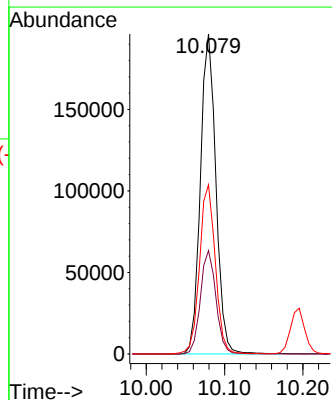
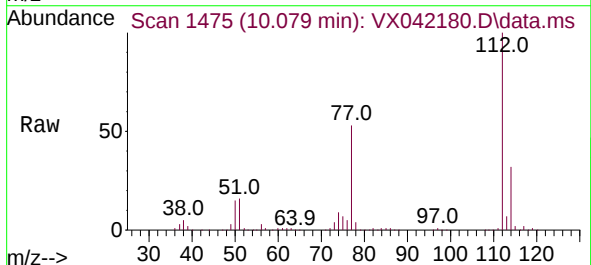
RT: 10.079 min Scan# 1475

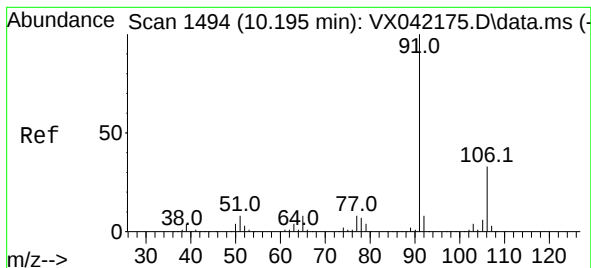
Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Tgt Ion:	112	Resp:	269682
Ion Ratio	Lower	Upper	
112	100		
114	32.3	23.2	43.2
77	52.8	43.0	64.4

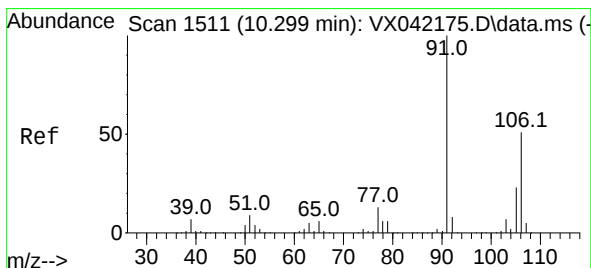
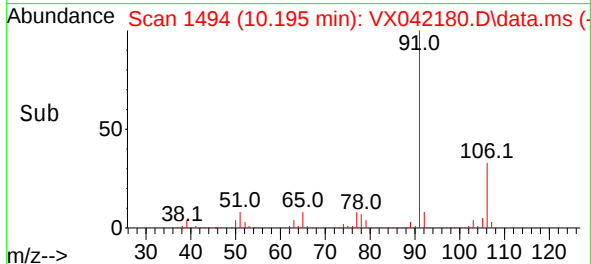
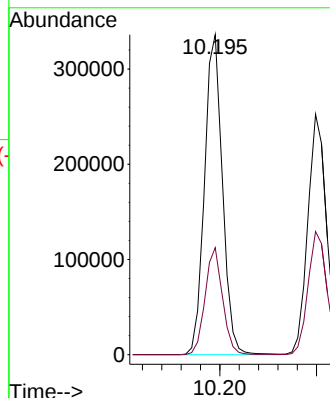
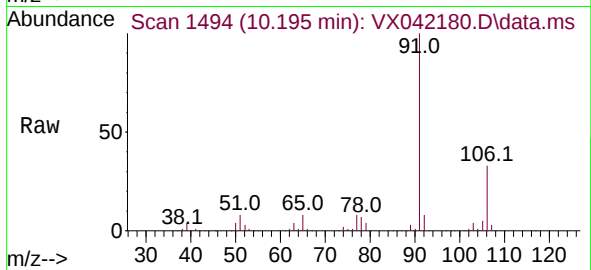




#52
Ethylbenzene
Concen: 50.212 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

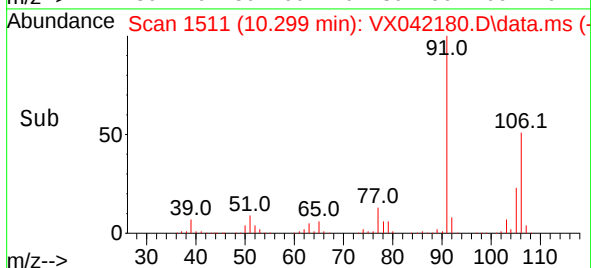
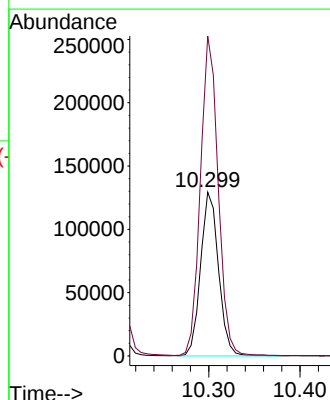
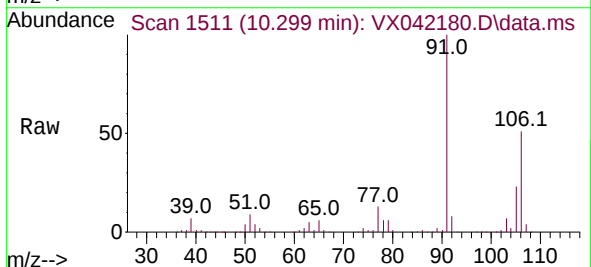
Instrument :
MSVOA_X
ClientSampleId :

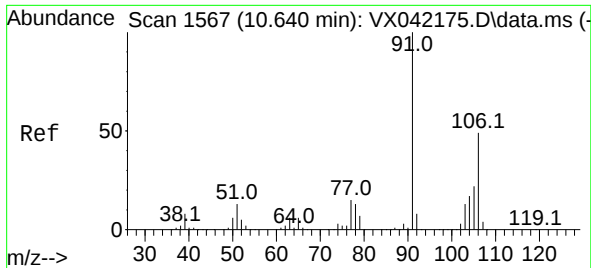
Tgt Ion: 91 Resp: 433857
Ion Ratio Lower Upper
91 100
106 33.4 23.1 42.9



#53
m,p-Xylene
Concen: 50.613 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

Tgt Ion: 106 Resp: 176023
Ion Ratio Lower Upper
106 100
91 195.3 136.4 253.2

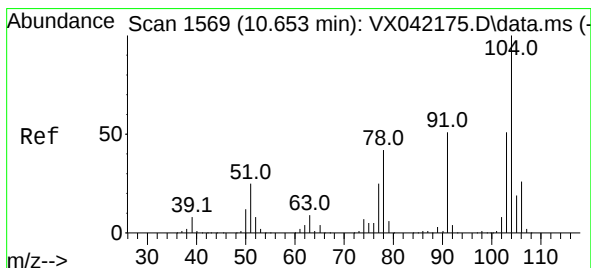
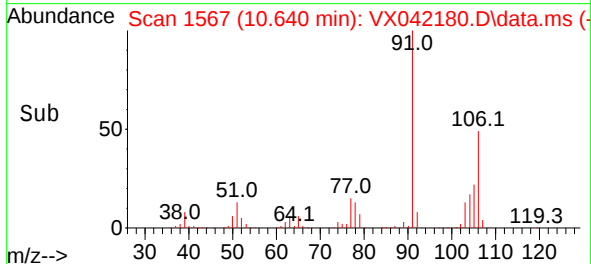
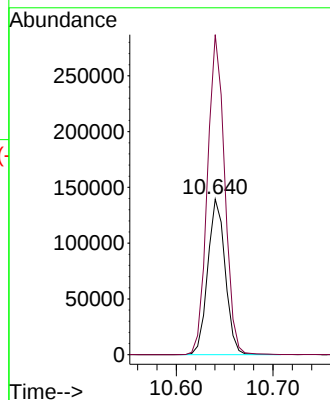
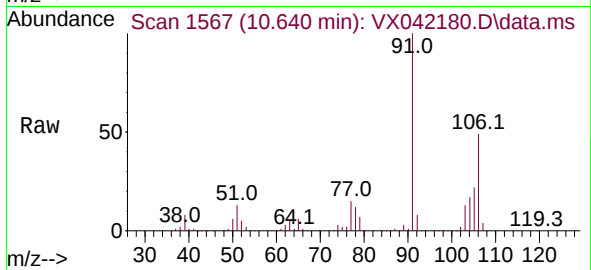




#54
o-Xylene
Concen: 50.475 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

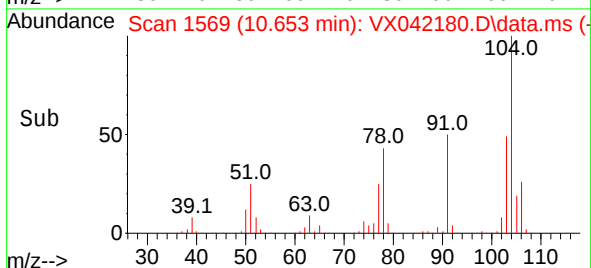
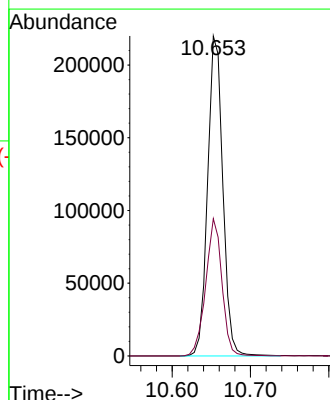
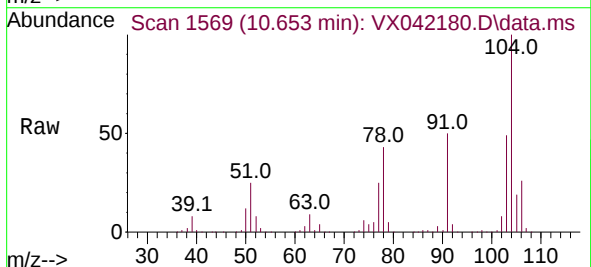
Instrument :
MSVOA_X
ClientSampleId :

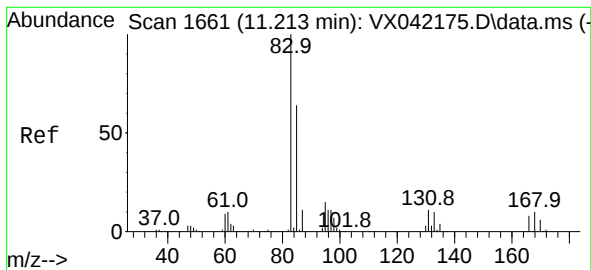
Tgt Ion:106 Resp: 175352
Ion Ratio Lower Upper
106 100
91 205.6 143.4 266.2



#55
Styrene
Concen: 51.100 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX042180.D
Acq: 03 Jul 2024 22:11

Tgt Ion:104 Resp: 295797
Ion Ratio Lower Upper
104 100
78 42.9 29.5 54.9





#57

1,1,2,2-Tetrachloroethane

Concen: 48.360 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

ClientSampleId :

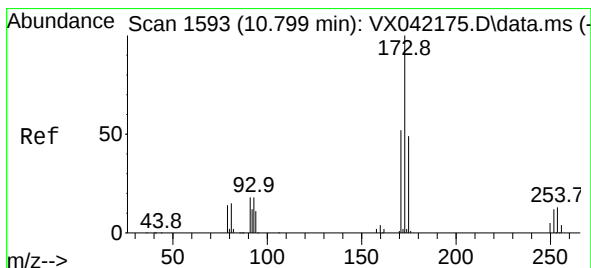
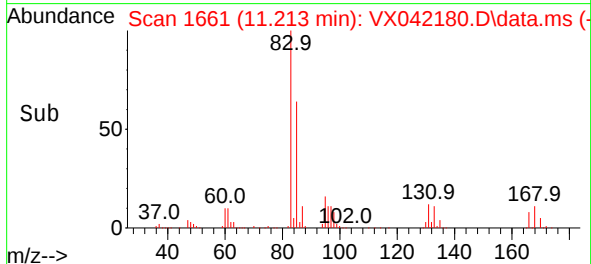
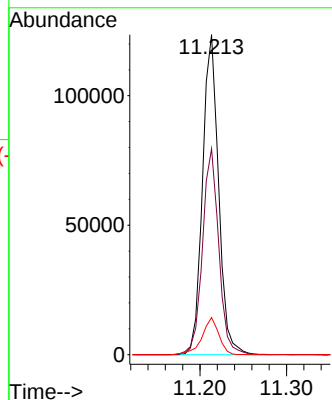
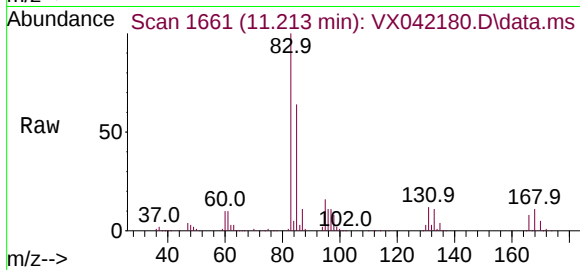
Tgt Ion: 83 Resp: 158787

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

131 11.6 9.0 13.4



#59

Bromoform

Concen: 49.499 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

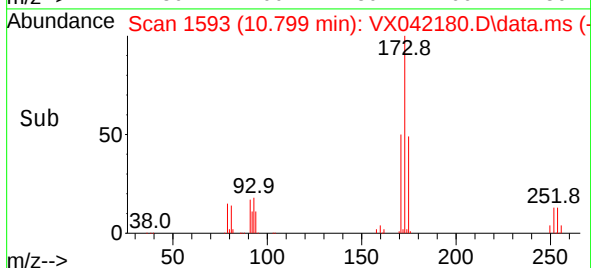
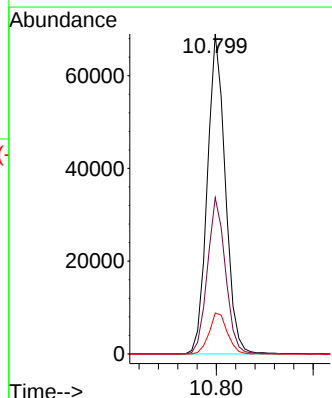
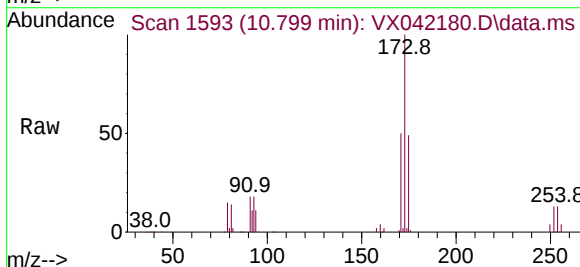
Tgt Ion:173 Resp: 89301

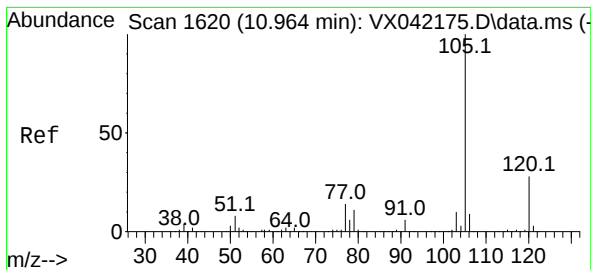
Ion Ratio Lower Upper

173 100

175 49.0 39.5 59.3

254 12.9 10.6 15.8





#60

Isopropylbenzene

Concen: 50.108 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

ClientSampleId :

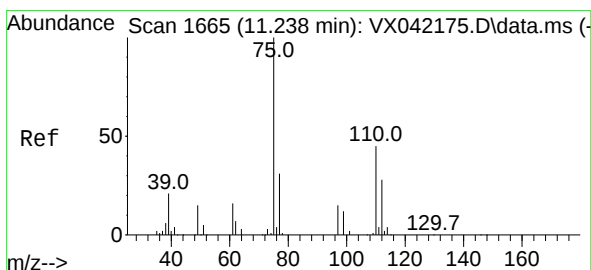
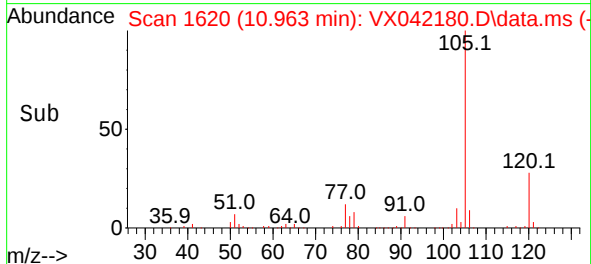
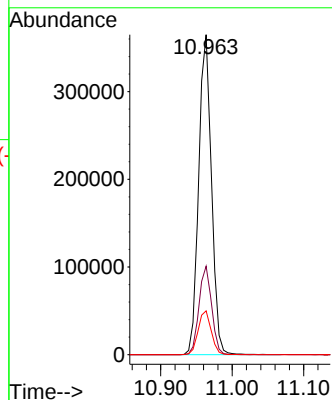
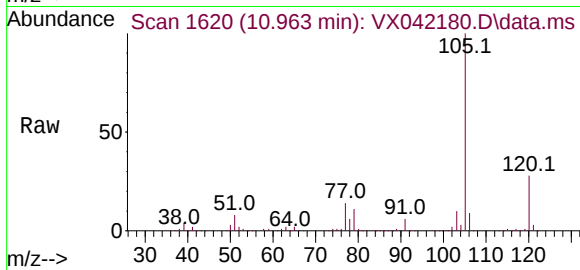
Tgt Ion:105 Resp: 451533

Ion Ratio Lower Upper

105 100

120 27.3 22.0 33.0

77 14.0 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 47.362 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

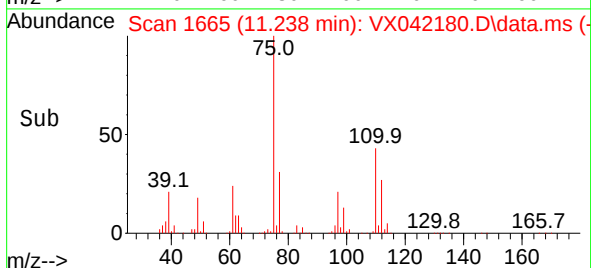
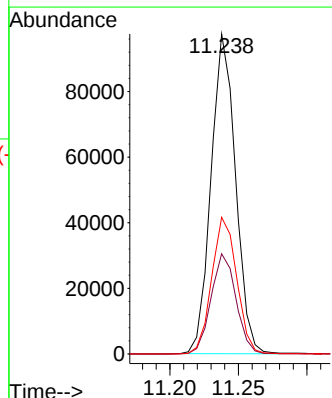
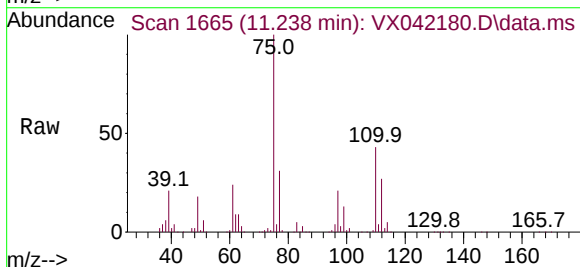
Tgt Ion: 75 Resp: 121044

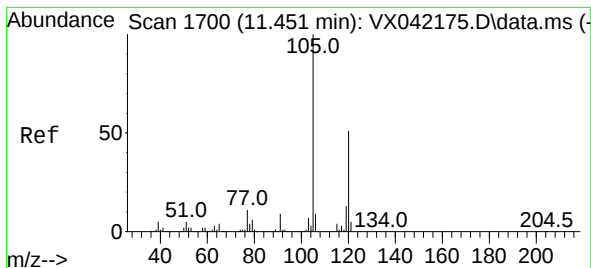
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

110 43.6 35.4 53.0





#62

1,3,5-Trimethylbenzene

Concen: 50.376 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

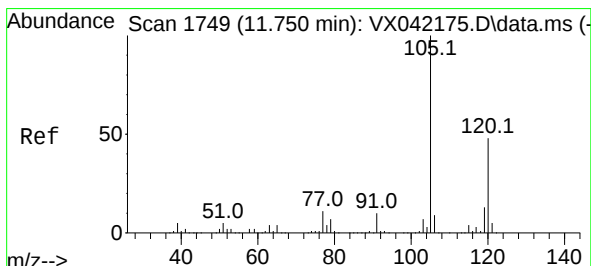
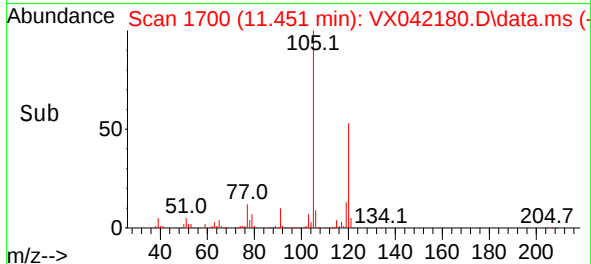
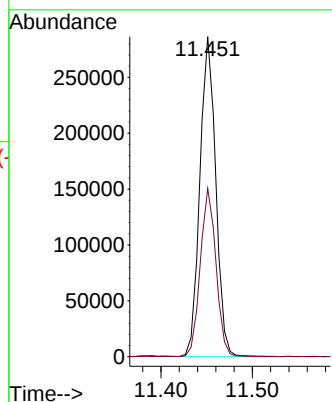
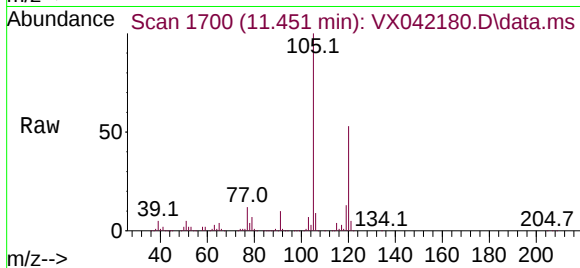
ClientSampleId :

Tgt Ion:105 Resp: 345183

Ion Ratio Lower Upper

105 100

120 51.9 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 51.098 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042180.D

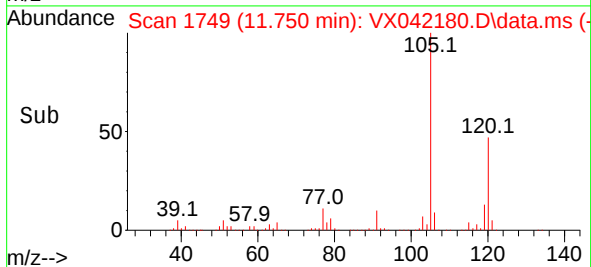
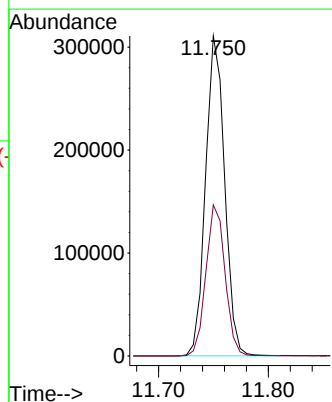
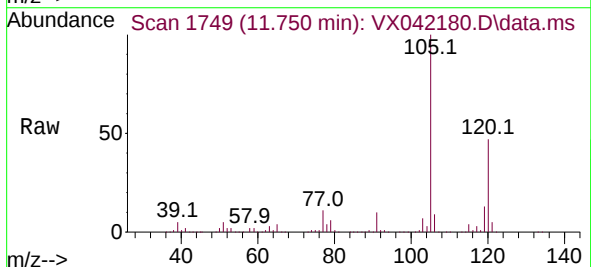
Acq: 03 Jul 2024 22:11

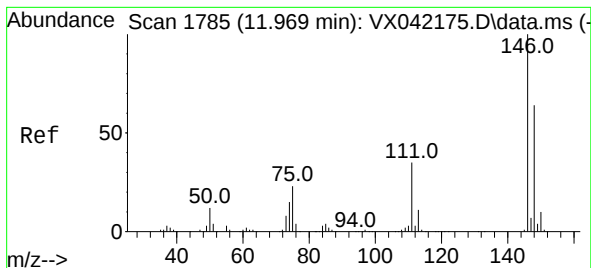
Tgt Ion:105 Resp: 375236

Ion Ratio Lower Upper

105 100

120 47.5 38.4 57.6





#64

1,3-Dichlorobenzene

Concen: 49.682 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

ClientSampleId :

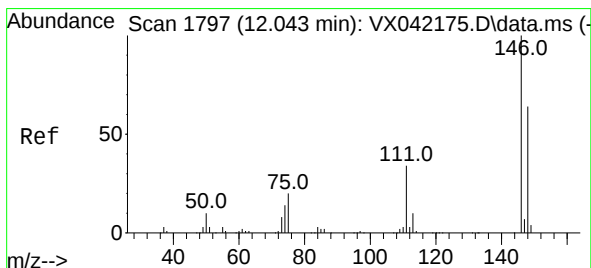
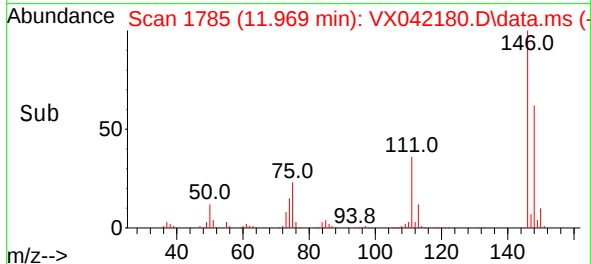
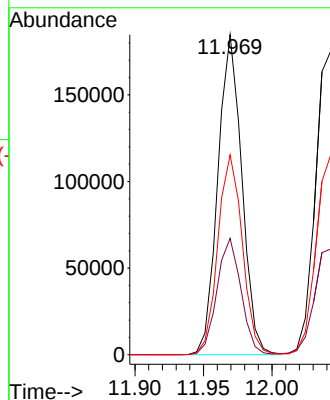
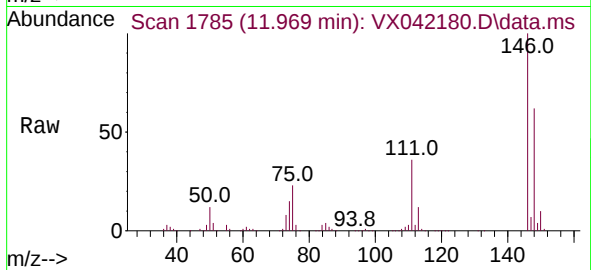
Tgt Ion:146 Resp: 224522

Ion Ratio Lower Upper

146 100

111 36.3 24.8 46.1

148 62.4 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 49.062 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

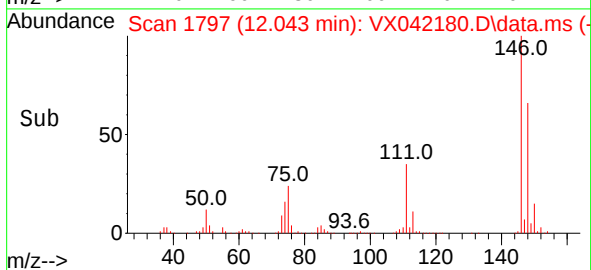
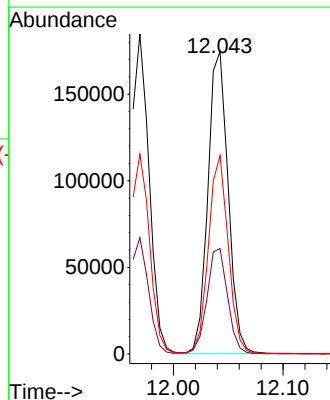
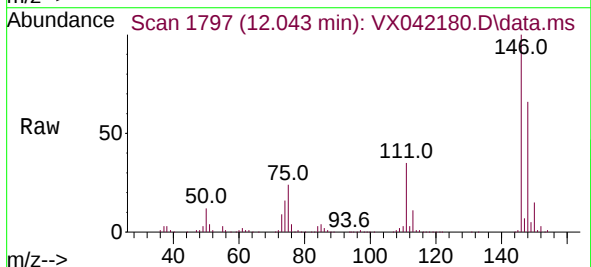
Tgt Ion:146 Resp: 224279

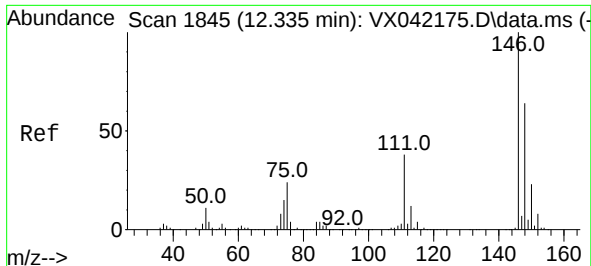
Ion Ratio Lower Upper

146 100

111 34.8 23.9 44.3

148 65.6 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 48.613 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

ClientSampleId :

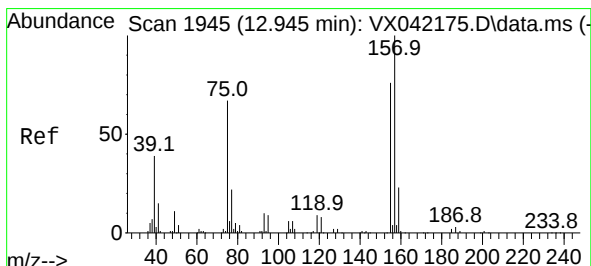
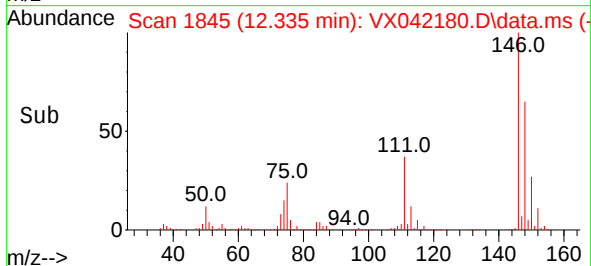
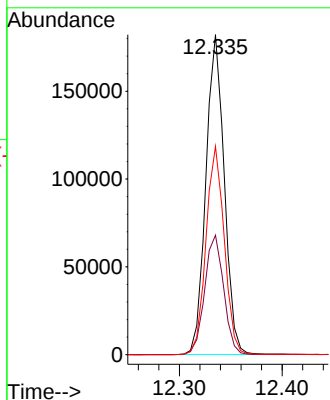
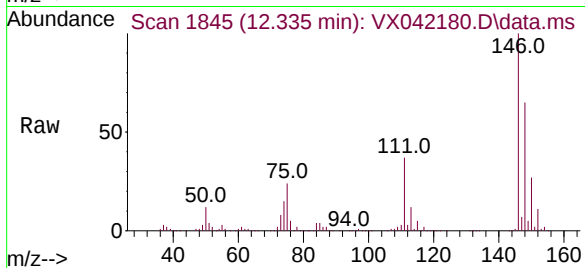
Tgt Ion:146 Resp: 226148

Ion Ratio Lower Upper

146 100

111 37.4 30.2 45.2

148 65.1 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 48.840 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

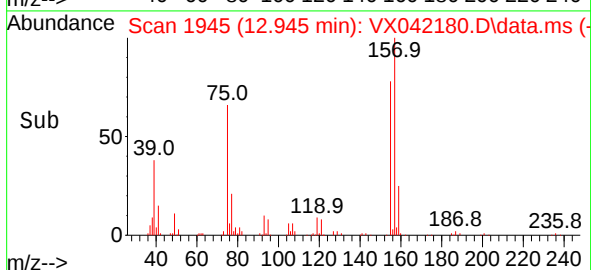
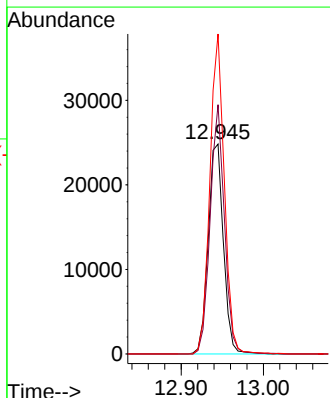
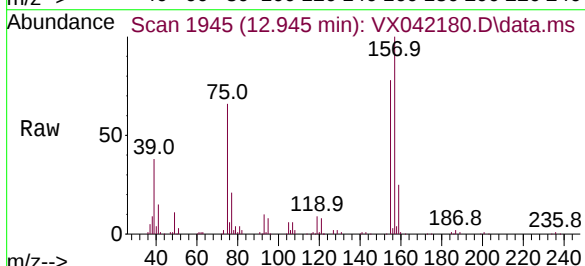
Tgt Ion: 75 Resp: 31953

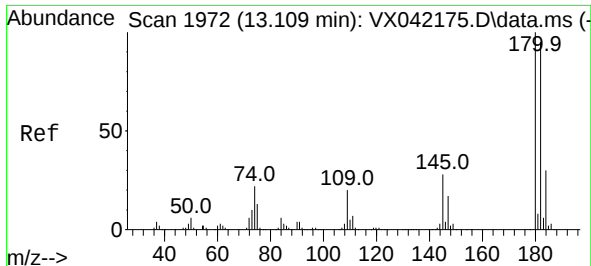
Ion Ratio Lower Upper

75 100

155 118.8 90.4 135.6

157 152.4 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 50.766 ug/L

RT: 13.109 min Scan# 1772

Delta R.T. -0.000 min

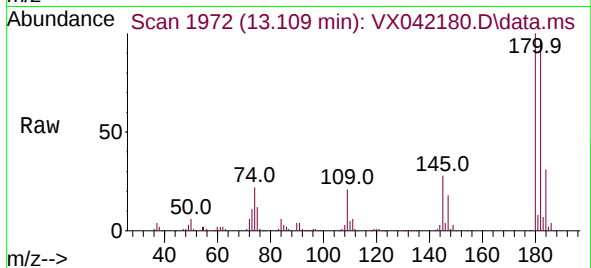
Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 166694

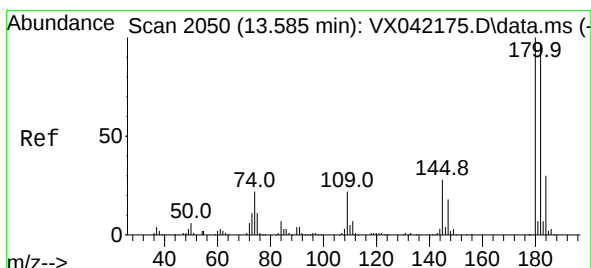
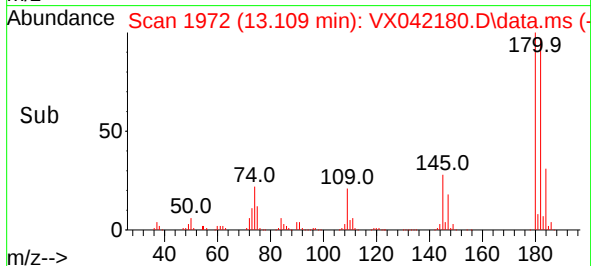
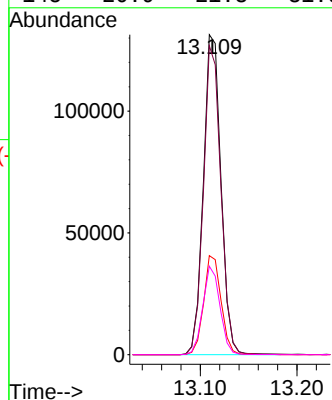
Ion Ratio Lower Upper

180 100

182 95.4 77.0 115.6

184 30.5 24.7 37.1

145 26.9 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 50.398 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

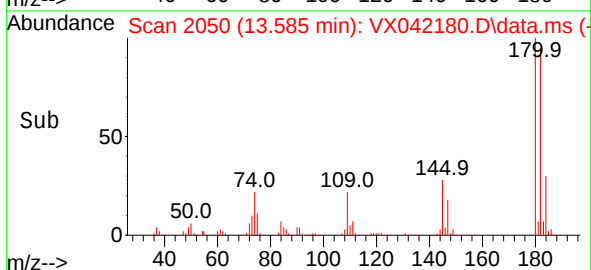
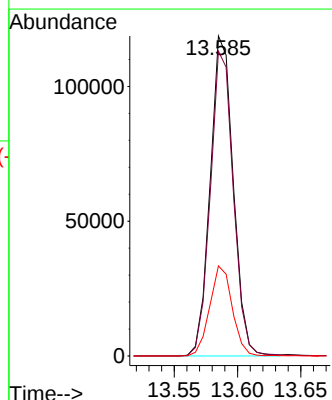
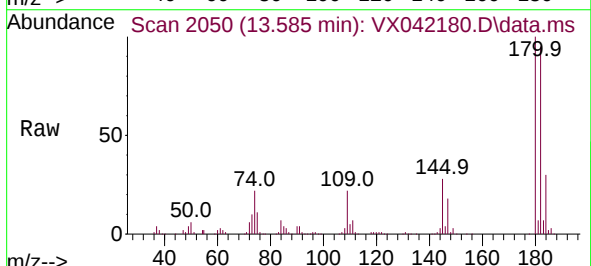
Tgt Ion:180 Resp: 150515

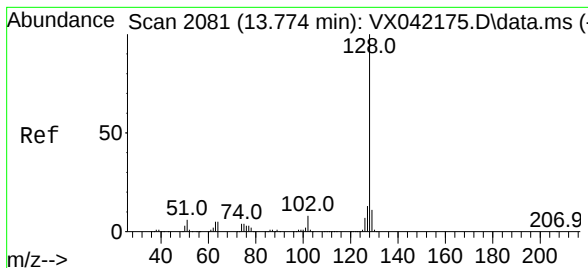
Ion Ratio Lower Upper

180 100

182 95.0 77.8 116.6

145 27.5 21.8 32.8





#71

Naphthalene

Concen: 51.060 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Instrument :

MSVOA_X

ClientSampleId :

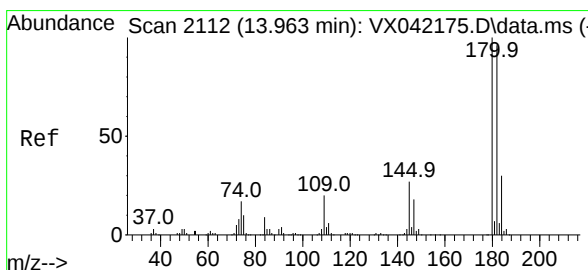
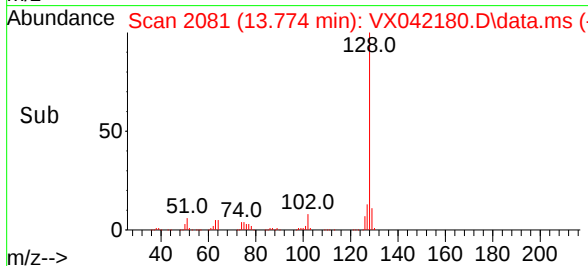
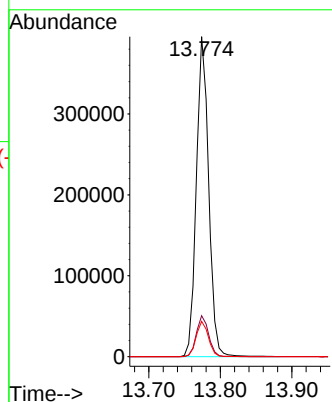
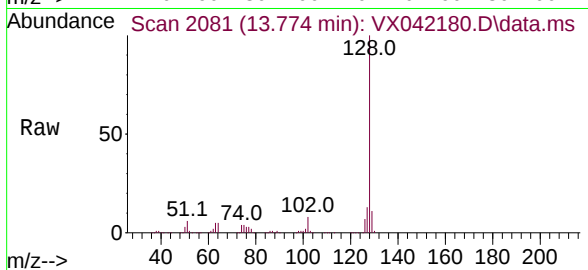
Tgt Ion:128 Resp: 471412

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 49.868 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX042180.D

Acq: 03 Jul 2024 22:11

Tgt Ion:180 Resp: 157375

Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.4

145 29.9 23.0 34.6

