

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071824\
 Data File : VX042388.D
 Acq On : 18 Jul 2024 22:24
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 05:35:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 05:29:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	238204	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	222187	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	118078	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.374	65	4485	3.235	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	6.460%#
7) Chloroethane-d5	1.648	69	4927	5.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	11.280%#
11) 1,1-Dichloroethene-d2	2.300	65	1571	2.589	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	5.180%#
21) 2-Butanone-d5	4.465	46	93018	93.096	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.100%
24) Chloroform-d	5.062	84	50881	18.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	36.500%#
26) 1,2-Dichloroethane-d4	5.958	65	28711	17.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	34.900%#
32) Benzene-d6	5.970	84	43353	7.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	15.100%#
36) 1,2-Dichloropropane-d6	7.312	67	26055	15.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	30.160%#
41) Toluene-d8	8.647	98	31706	5.924	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	11.840%#
43) trans-1,3-Dichloroprop...	8.952	79	11635	15.576	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	31.160%#
47) 2-Hexanone-d5	9.384	63	70204	89.487	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.490%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	103593	40.543	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.080%
66) 1,2-Dichlorobenzene-d4	12.317	152	67024	29.224	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	58.440%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	71085	41.720	ug/L	100
3) Chloromethane	1.301	50	76618	44.498	ug/L	98
5) Vinyl chloride	1.374	62	72154	42.606	ug/L	99
6) Bromomethane	1.599	94	38895	42.149	ug/L	100
8) Chloroethane	1.666	64	39331	46.594	ug/L	100
9) Trichlorofluoromethane	1.874	101	104807	47.551	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	63069	41.521	ug/L	97
12) 1,1-Dichloroethene	2.313	96	64022	44.497	ug/L #	64
13) Acetone	2.392	43	67389	98.867	ug/L	100
14) Carbon disulfide	2.502	76	134810	37.663	ug/L	99
15) Methyl Acetate	2.709	43	82486	47.629	ug/L	99
16) Methylene chloride	2.788	84	77484	43.650	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	66806	45.144	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	236885	48.951	ug/L	99
19) 1,1-Dichloroethane	3.605	63	125007	47.042	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	80450	46.275	ug/L	99
22) 2-Butanone	4.568	43	111135	97.404	ug/L	97
23) Bromochloromethane	4.897	128	44408	47.796	ug/L	98
25) Chloroform	5.093	83	132803	47.664	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071824\
 Data File : VX042388.D
 Acq On : 18 Jul 2024 22:24
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

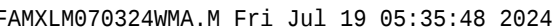
Instrument :
 MSVOA_X
 ClientSampleId :

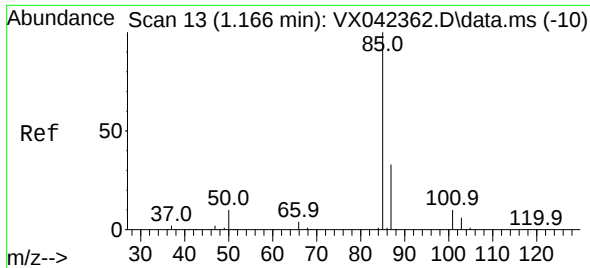
Quant Time: Jul 19 05:35:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 05:29:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	100075	48.466	ug/L	99
29) Cyclohexane	5.464	56	95734	39.868	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	110172	45.544	ug/L	100
31) Carbon tetrachloride	5.672	117	94961	44.942	ug/L	99
33) Benzene	6.037	78	286891	46.174	ug/L	100
34) Trichloroethene	7.123	95	72878	44.778	ug/L	99
35) Methylcyclohexane	7.379	83	97472	39.498	ug/L	99
37) 1,2-Dichloropropane	7.427	63	75784	47.537	ug/L	100
38) Bromodichloromethane	7.824	83	90036	46.120	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	106144	45.218	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	223404	98.248	ug/L	100
42) Toluene	8.720	91	307113	46.323	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	94220	44.768	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	84009	49.250	ug/L	99
46) Tetrachloroethene	9.275	164	67480	44.295	ug/L	98
48) 2-Hexanone	9.433	43	176009	98.566	ug/L	99
49) Dibromochloromethane	9.519	129	81581	46.960	ug/L	97
50) 1,2-Dibromoethane	9.610	107	88746	48.443	ug/L	100
51) Chlorobenzene	10.079	112	211562	46.487	ug/L	98
52) Ethylbenzene	10.195	91	334052	46.367	ug/L	99
53) m,p-Xylene	10.299	106	134263	46.299	ug/L	100
54) o-Xylene	10.640	106	137554	47.486	ug/L	98
55) Styrene	10.652	104	233246	48.325	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	134219	49.025	ug/L	99
59) Bromoform	10.799	173	69474	46.939	ug/L	100
60) Isopropylbenzene	10.963	105	342163	46.283	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	102931	49.091	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	261307	46.483	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	286213	47.507	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	175889	47.441	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	176195	46.981	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	184329	48.298	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	25448	47.413	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	126785	47.065	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	117754	48.060	ug/L	99
71) Naphthalene	13.774	128	390909	51.610	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	127132	49.103	ug/L	99

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

Quant Time: Jul 19 05:35:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 05:29:00 2024
Response via : Initial Calibration

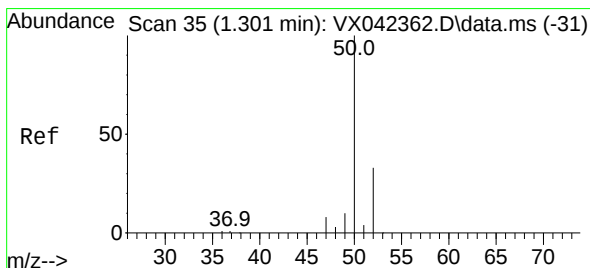
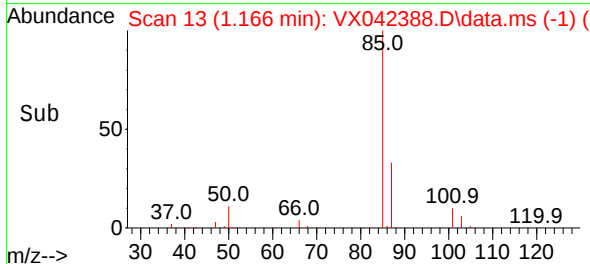
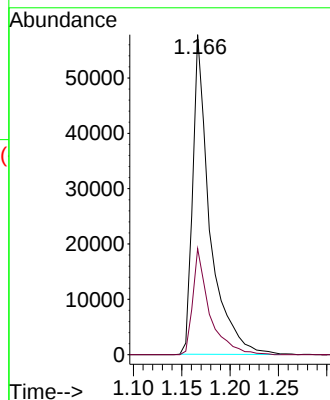
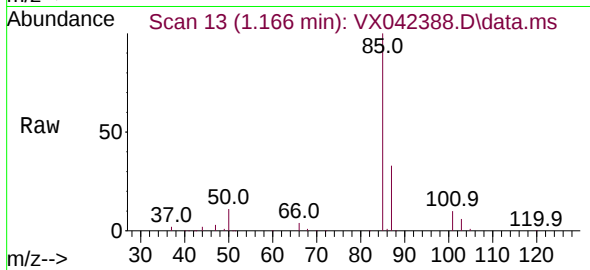




#2
Dichlorodifluoromethane
Concen: 41.720 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

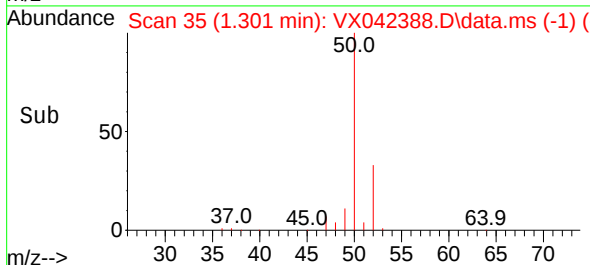
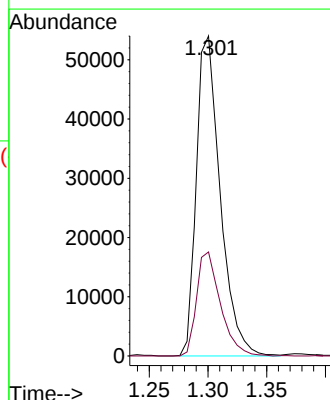
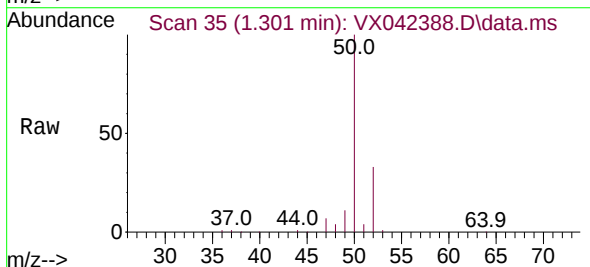
Instrument :
MSVOA_X
ClientSampleId :

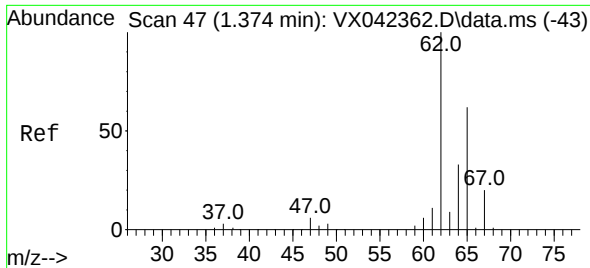
Tgt Ion: 85 Resp: 71085
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



#3
Chloromethane
Concen: 44.498 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

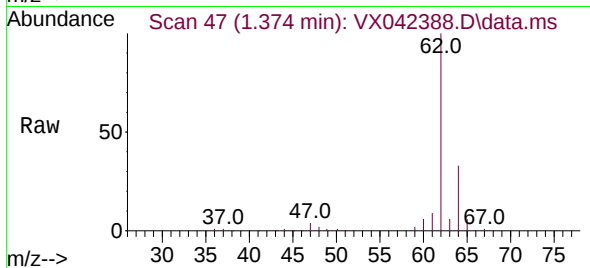
Tgt Ion: 50 Resp: 76618
Ion Ratio Lower Upper
50 100
52 32.5 23.5 43.7



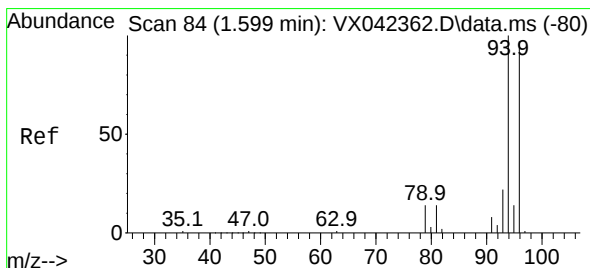
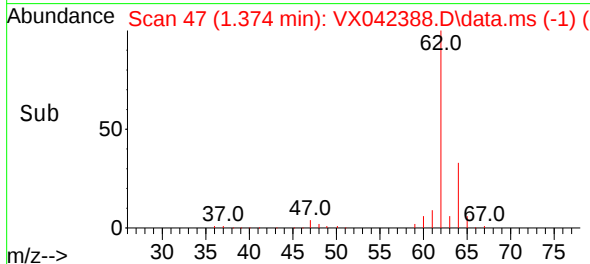
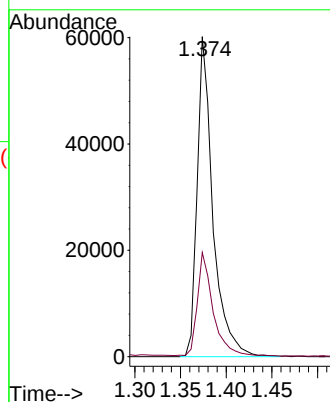


#5
Vinyl chloride
Concen: 42.606 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Instrument :
MSVOA_X
ClientSampleId :

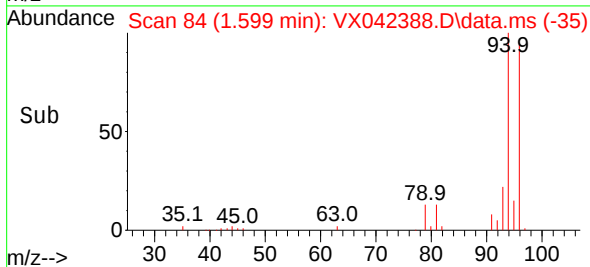
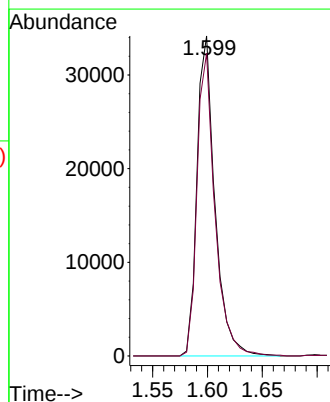
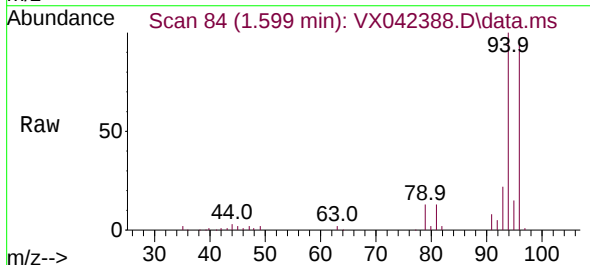


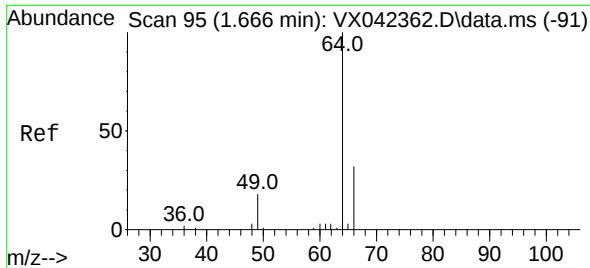
Tgt Ion: 62 Resp: 72154
Ion Ratio Lower Upper
62 100
64 32.6 23.2 43.0



#6
Bromomethane
Concen: 42.149 ug/L
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Tgt Ion: 94 Resp: 38895
Ion Ratio Lower Upper
94 100
96 94.6 66.4 123.4

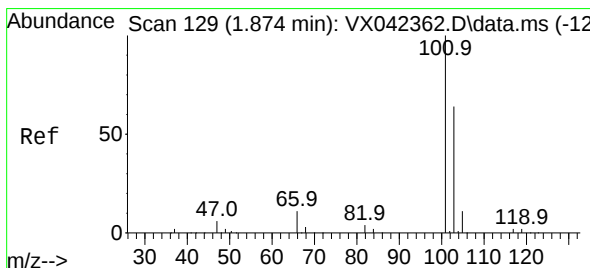
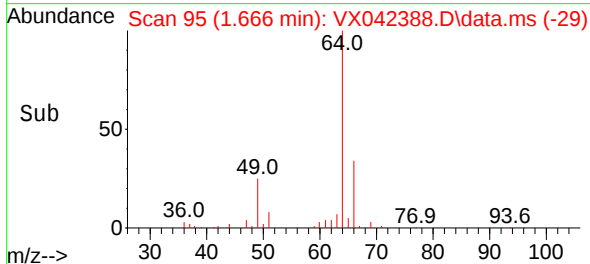
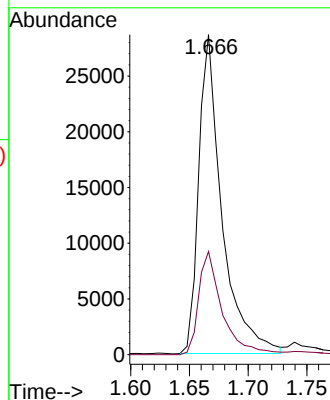
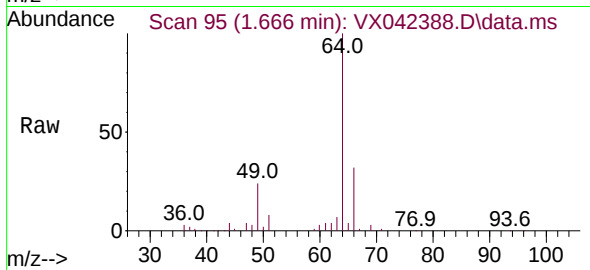




#8
Chloroethane
Concen: 46.594 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

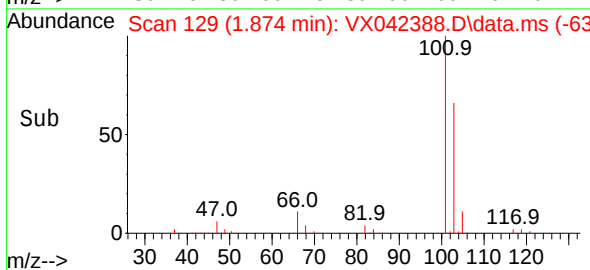
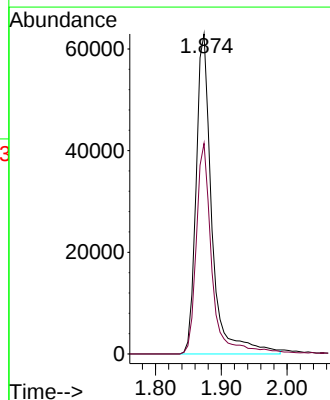
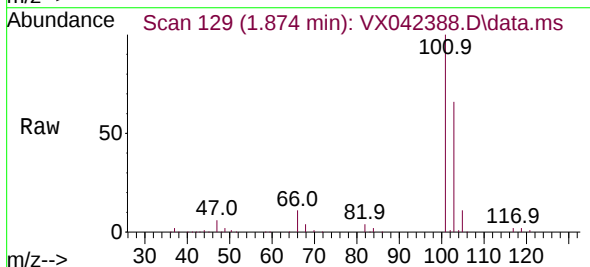
Instrument :
MSVOA_X
ClientSampleId :

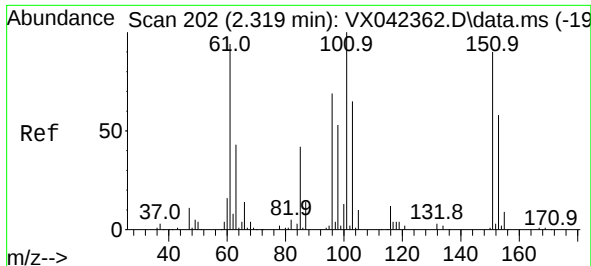
Tgt Ion: 64 Resp: 39331
Ion Ratio Lower Upper
64 100
66 32.3 22.5 41.7



#9
Trichlorofluoromethane
Concen: 47.551 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Tgt Ion:101 Resp: 104807
Ion Ratio Lower Upper
101 100
103 65.7 50.2 75.4

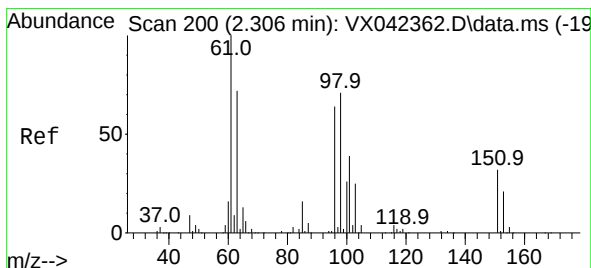
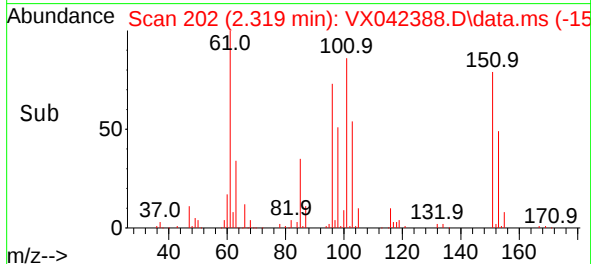
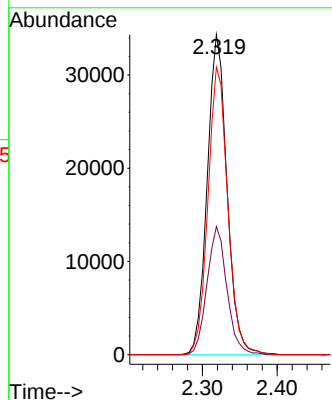
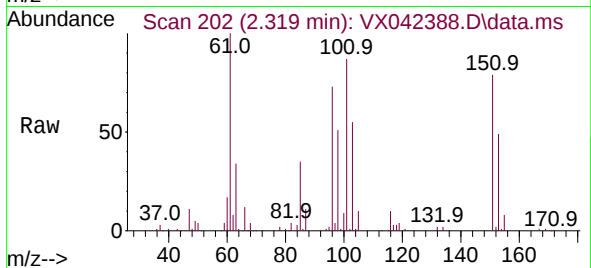




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 41.521 ug/L
RT: 2.319 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

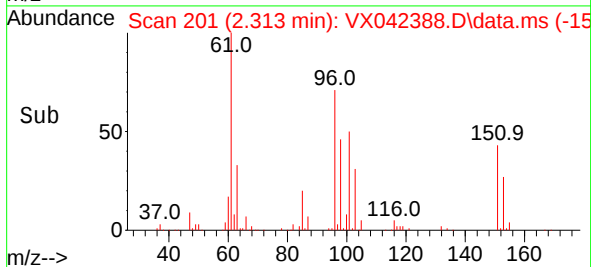
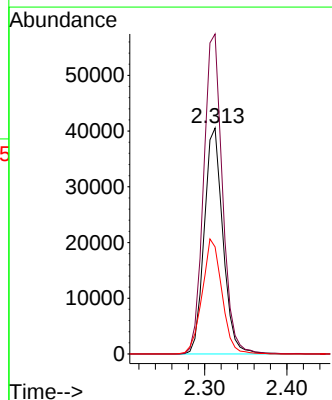
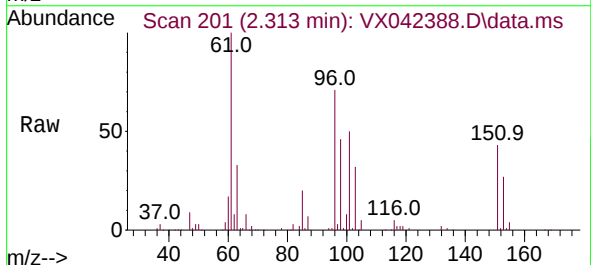
Instrument :
MSVOA_X
ClientSampleId :

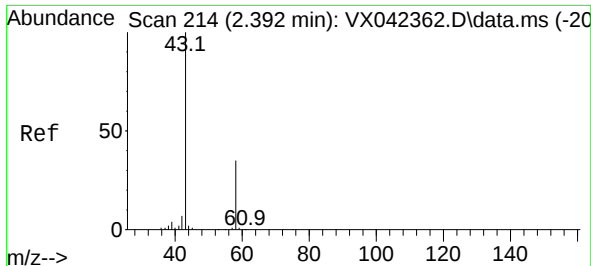
Tgt Ion:101 Resp: 63069
Ion Ratio Lower Upper
101 100
85 40.3 31.3 46.9
151 90.3 69.7 104.5



#12
1,1-Dichloroethene
Concen: 44.497 ug/L
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Tgt Ion: 96 Resp: 64022
Ion Ratio Lower Upper
96 100
61 141.7 106.7 198.1
63 47.4 89.2 165.6#





#13

Acetone

Concen: 98.867 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

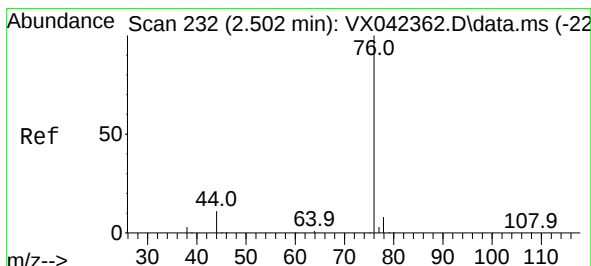
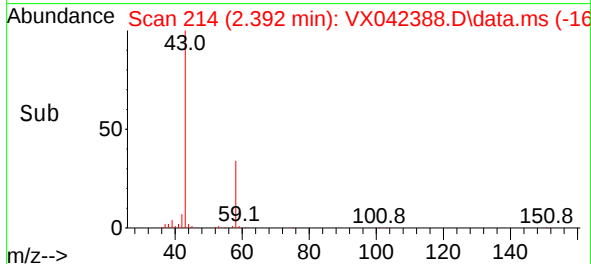
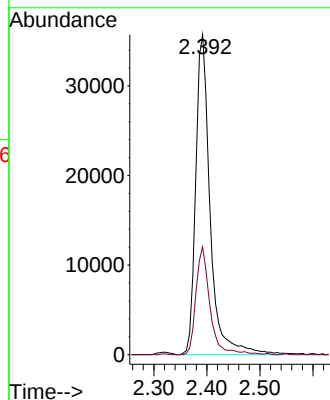
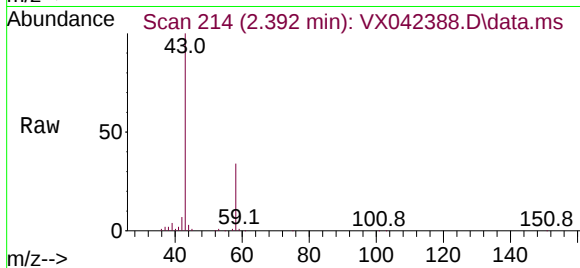
ClientSampleId :

Tgt Ion: 43 Resp: 67389

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.6



#14

Carbon disulfide

Concen: 37.663 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX042388.D

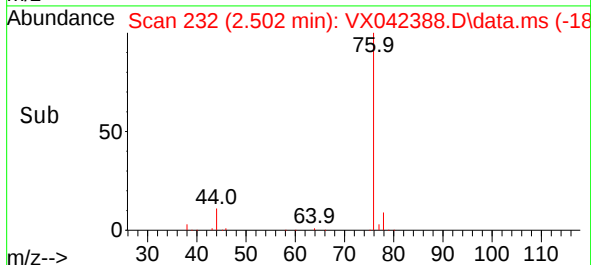
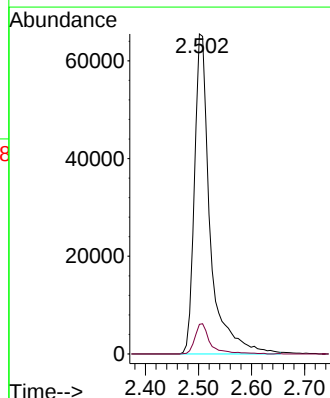
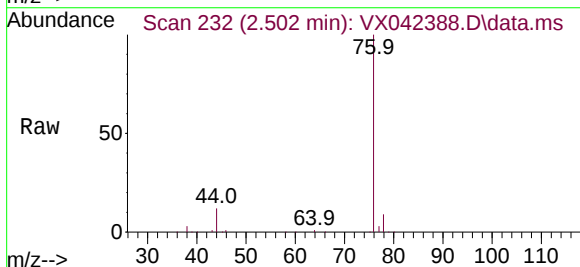
Acq: 18 Jul 2024 22:24

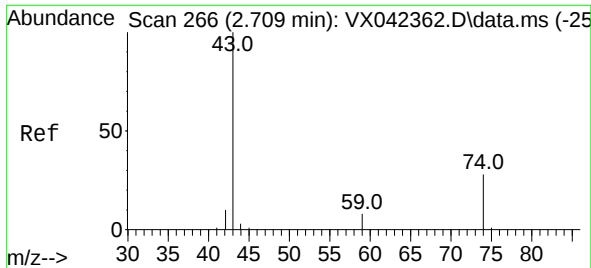
Tgt Ion: 76 Resp: 134810

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7





#15

Methyl Acetate

Concen: 47.629 ug/L

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

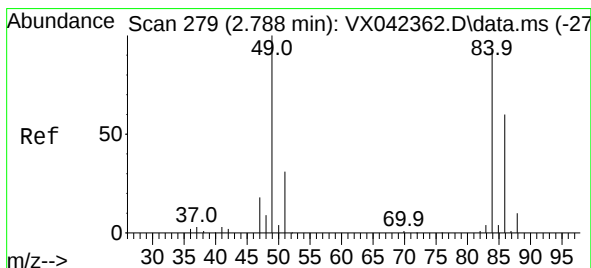
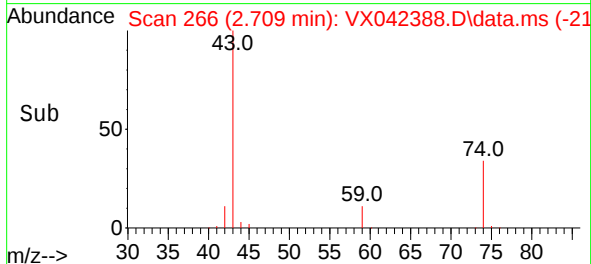
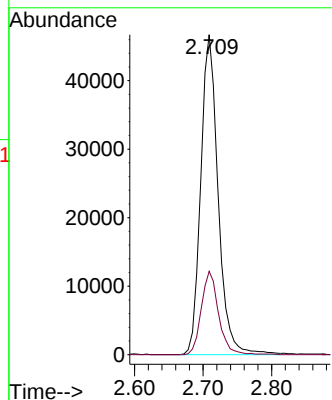
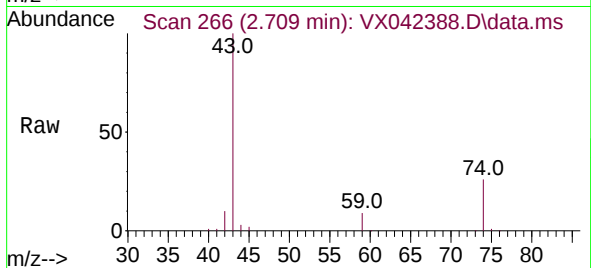
ClientSampleId :

Tgt Ion: 43 Resp: 82486

Ion Ratio Lower Upper

43 100

74 25.7 20.1 30.1



#16

Methylene chloride

Concen: 43.650 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

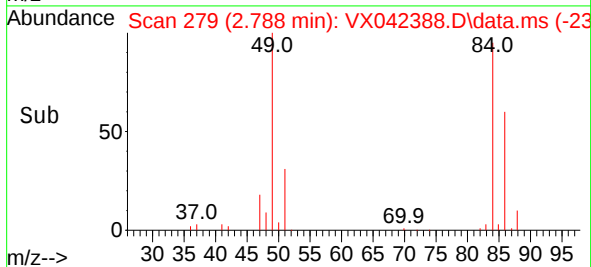
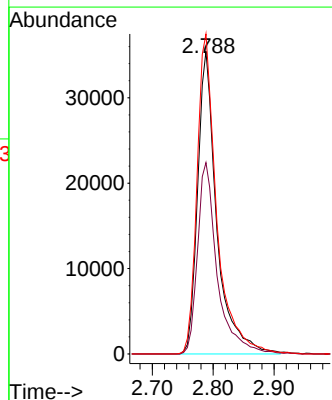
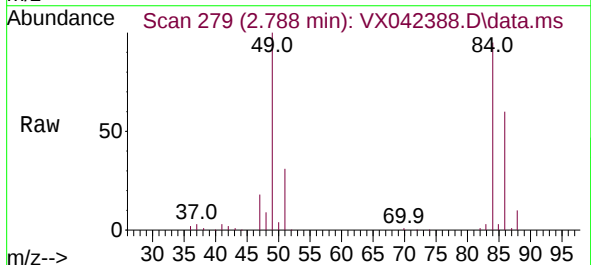
Tgt Ion: 84 Resp: 77484

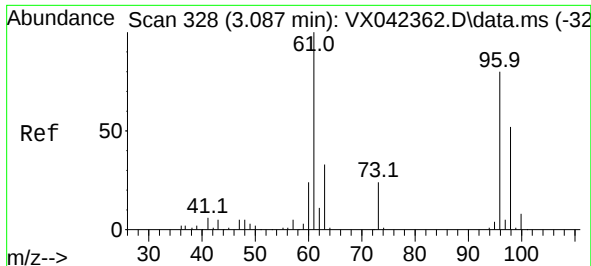
Ion Ratio Lower Upper

84 100

86 63.3 45.7 84.9

49 105.7 76.4 141.8





#17

trans-1,2-Dichloroethene

Concen: 45.144 ug/L

RT: 3.087 min Scan# 328

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

ClientSampleId :

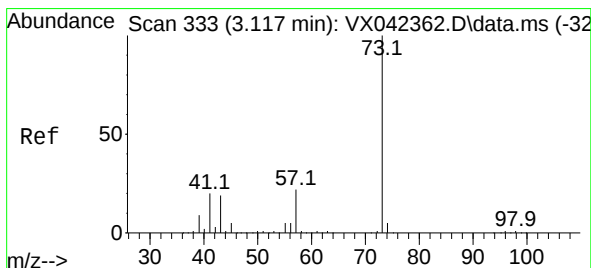
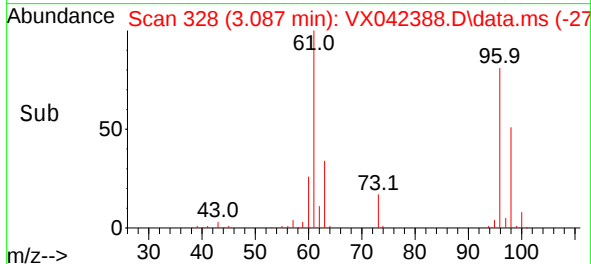
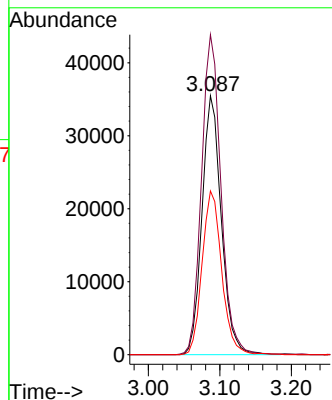
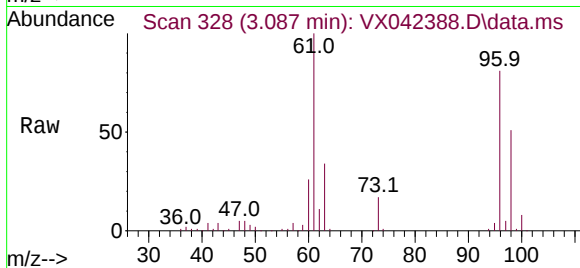
Tgt Ion: 96 Resp: 66806

Ion Ratio Lower Upper

96 100

61 123.6 88.4 164.2

98 63.3 46.5 86.5



#18

Methyl tert-butyl Ether

Concen: 48.951 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

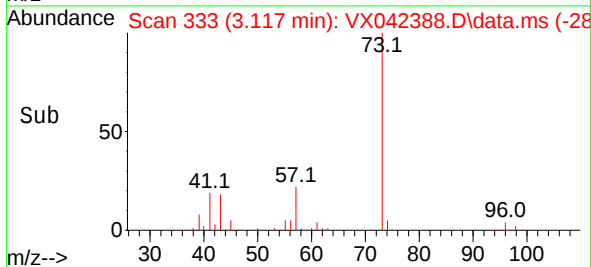
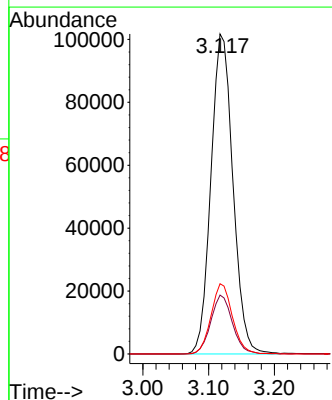
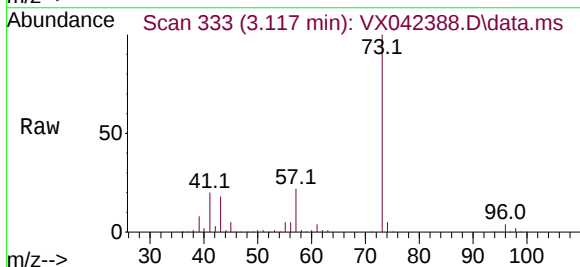
Tgt Ion: 73 Resp: 236885

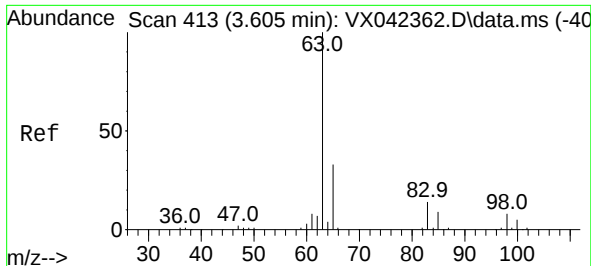
Ion Ratio Lower Upper

73 100

43 18.1 14.5 21.7

57 21.3 17.5 26.3





#19

1,1-Dichloroethane

Concen: 47.042 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

ClientSampleId :

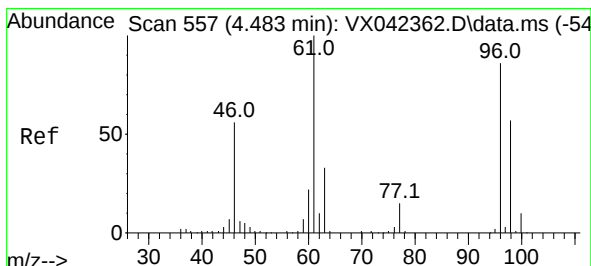
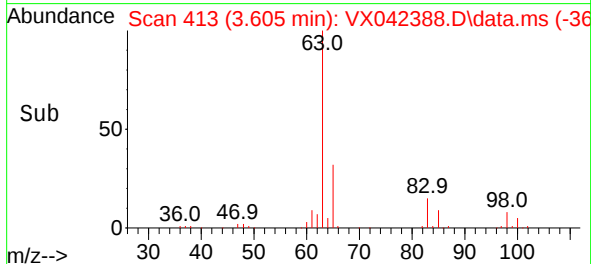
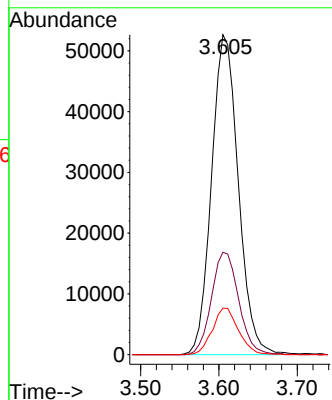
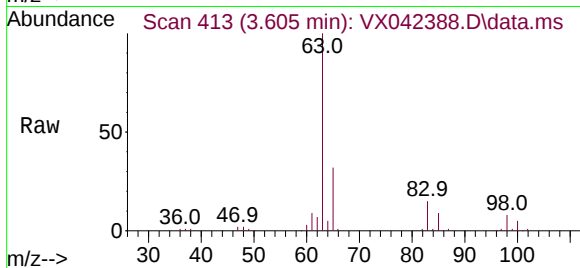
Tgt Ion: 63 Resp: 125007

Ion Ratio Lower Upper

63 100

65 32.0 22.2 41.2

83 14.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 46.275 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

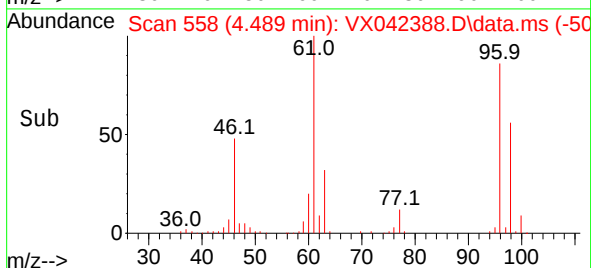
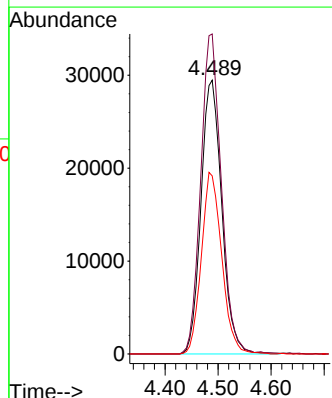
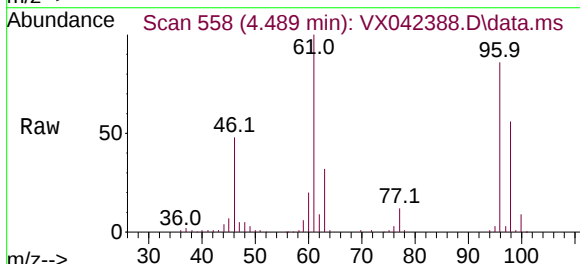
Tgt Ion: 96 Resp: 80450

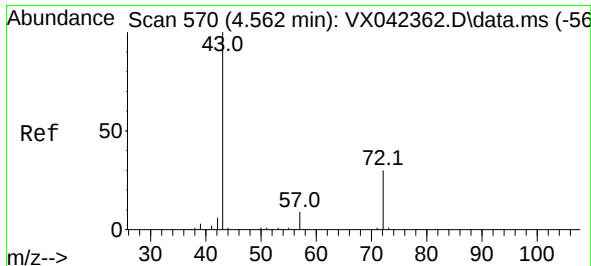
Ion Ratio Lower Upper

96 100

61 116.9 80.5 149.5

98 65.0 45.7 84.9

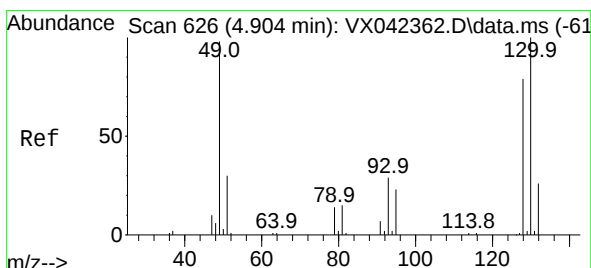
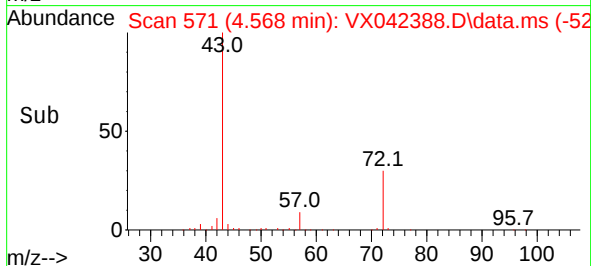
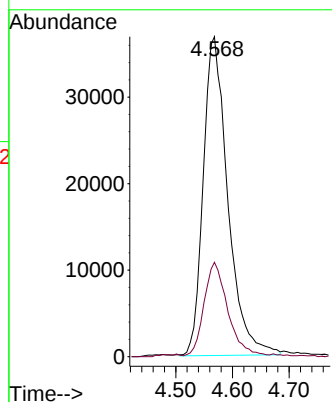
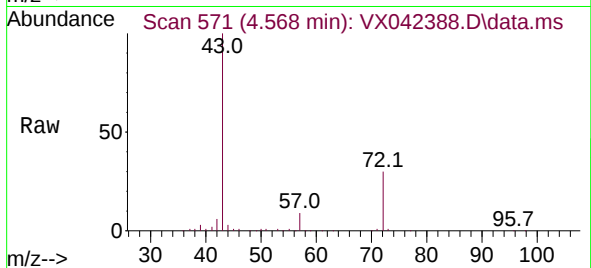




#22
2-Butanone
Concen: 97.404 ug/L
RT: 4.568 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

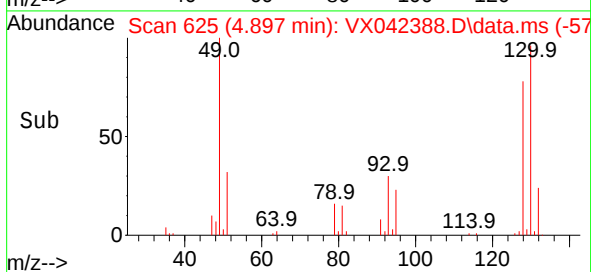
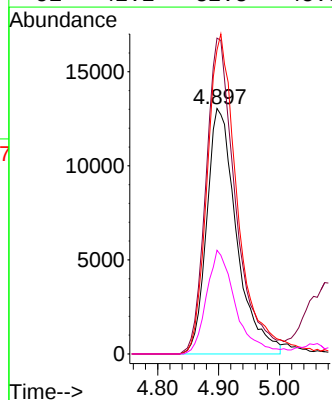
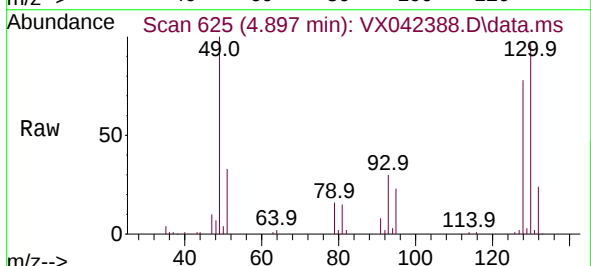
Instrument :
MSVOA_X
ClientSampleId :

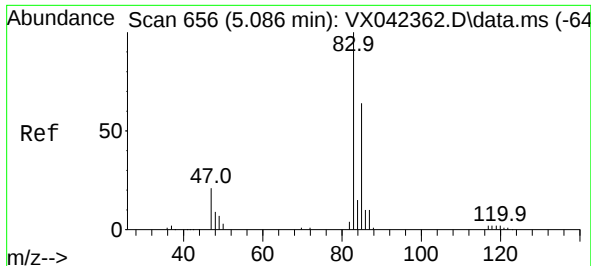
Tgt Ion: 43 Resp: 111135
Ion Ratio Lower Upper
43 100
72 28.8 13.7 41.1



#23
Bromochloromethane
Concen: 47.796 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Tgt Ion:128 Resp: 44408
Ion Ratio Lower Upper
128 100
49 128.7 89.7 166.7
130 123.9 90.0 167.2
51 42.2 32.3 48.5





#25

Chloroform

Concen: 47.664 ug/L

RT: 5.093 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

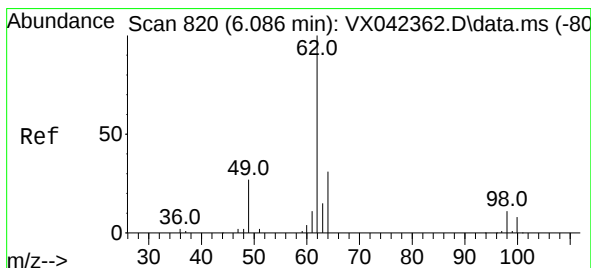
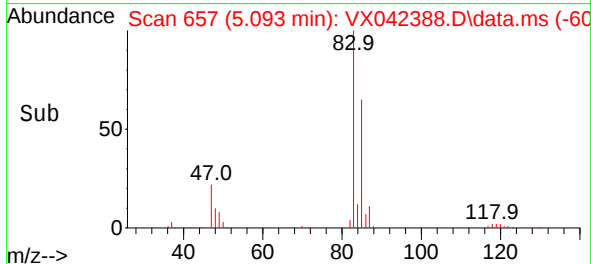
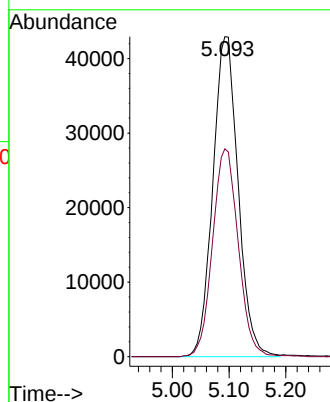
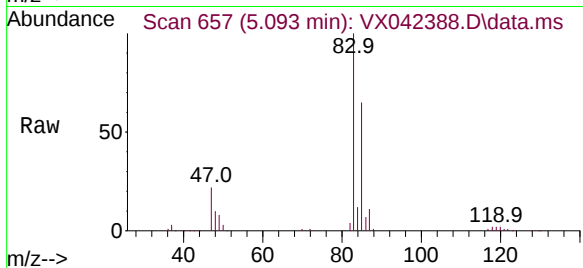
ClientSampleId :

Tgt Ion: 83 Resp: 132803

Ion Ratio Lower Upper

83 100

85 65.0 45.8 85.2



#27

1,2-Dichloroethane

Concen: 48.466 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042388.D

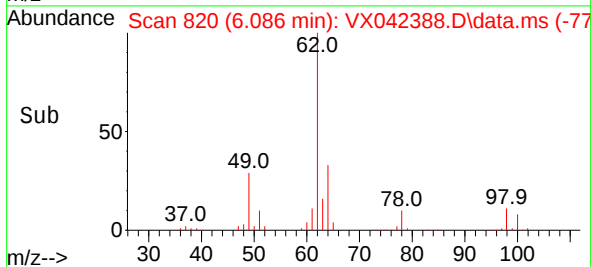
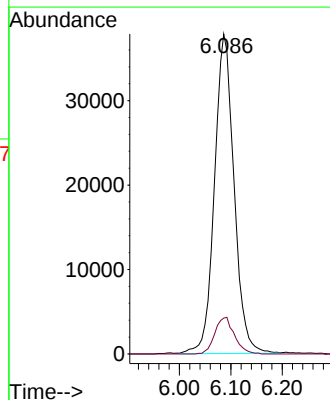
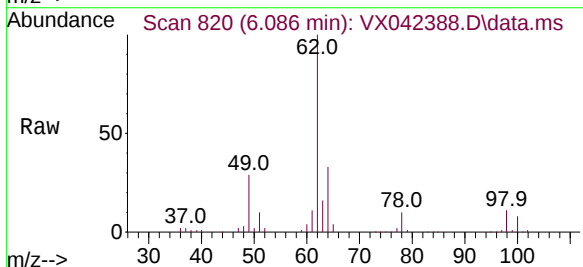
Acq: 18 Jul 2024 22:24

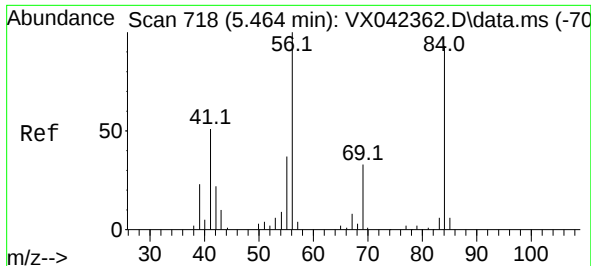
Tgt Ion: 62 Resp: 100075

Ion Ratio Lower Upper

62 100

98 11.2 9.3 13.9





#29

Cyclohexane

Concen: 39.868 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

ClientSampleId :

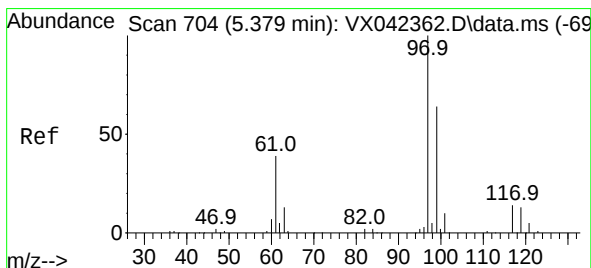
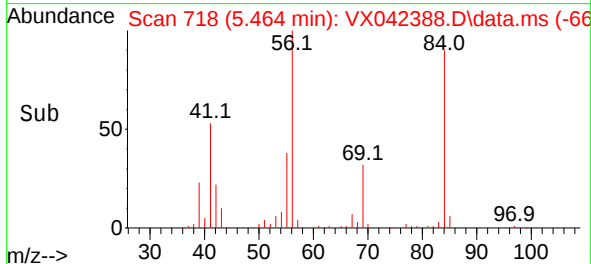
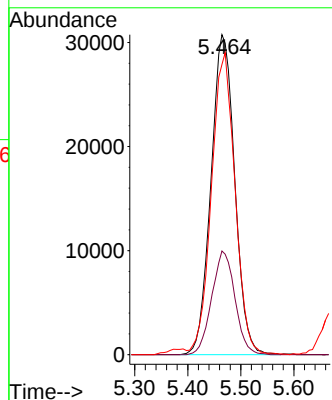
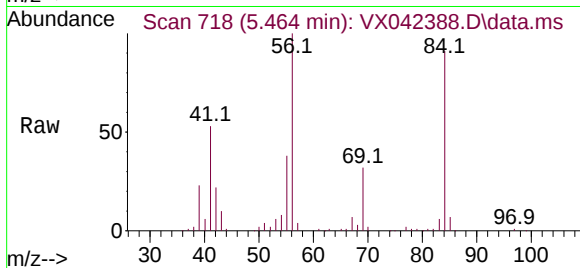
Tgt Ion: 56 Resp: 95734

Ion Ratio Lower Upper

56 100

69 31.6 25.3 37.9

84 93.2 74.0 111.0



#30

1,1,1-Trichloroethane

Concen: 45.544 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

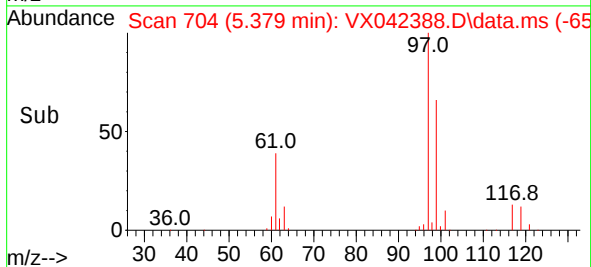
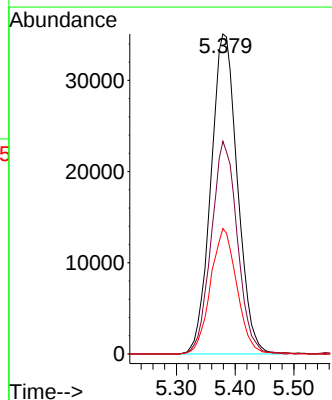
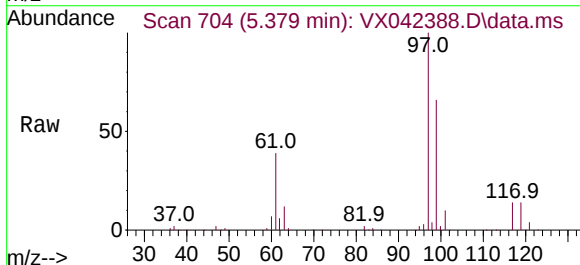
Tgt Ion: 97 Resp: 110172

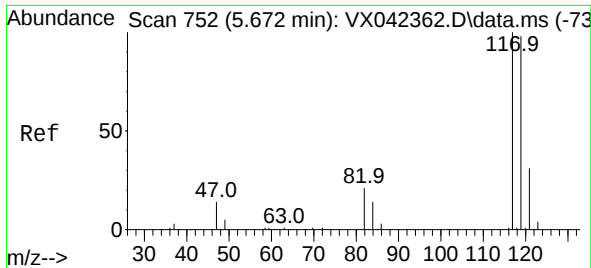
Ion Ratio Lower Upper

97 100

99 65.2 52.0 78.0

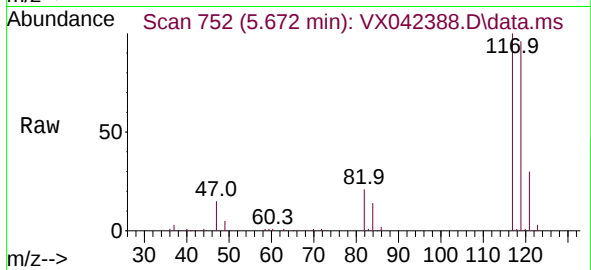
61 38.7 31.2 46.8



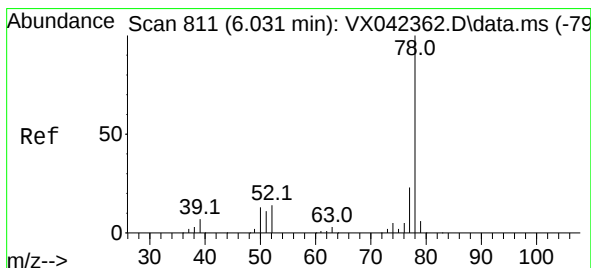
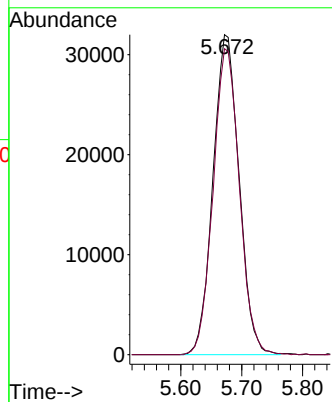
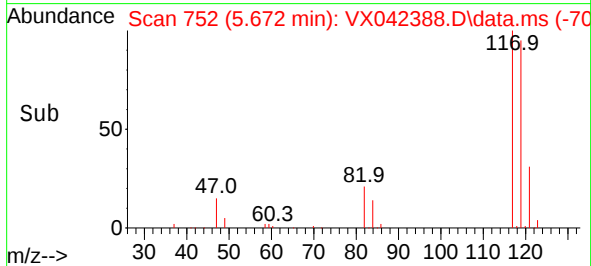


#31
Carbon tetrachloride
Concen: 44.942 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Instrument :
MSVOA_X
ClientSampleId :

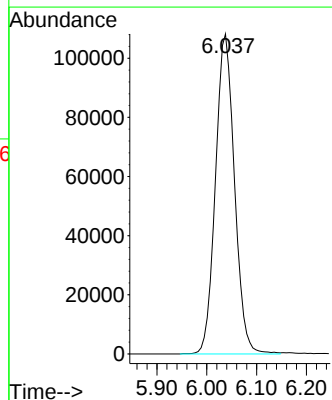
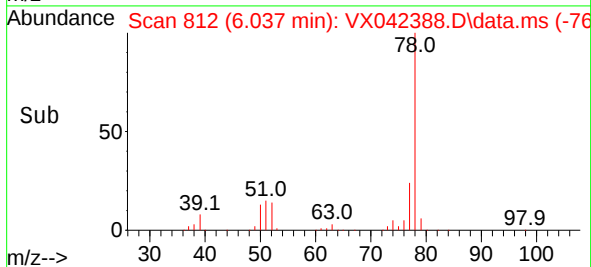
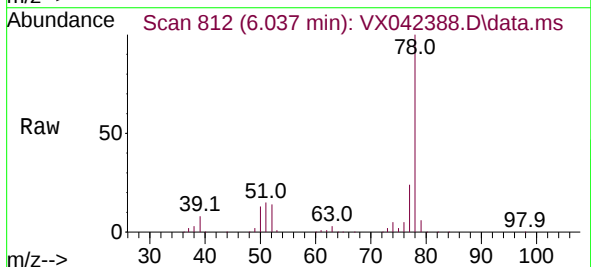


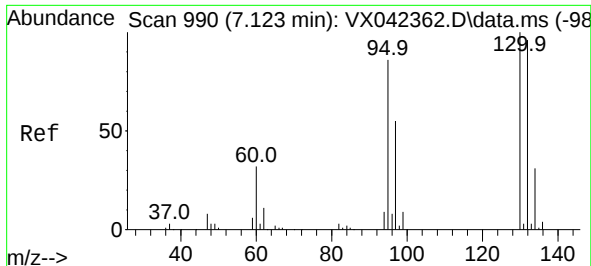
Tgt Ion:117 Resp: 94961
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5



#33
Benzene
Concen: 46.174 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Tgt Ion: 78 Resp: 286891





#34

Trichloroethene

Concen: 44.778 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

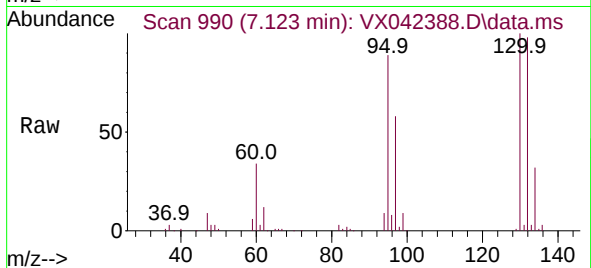
Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 72878

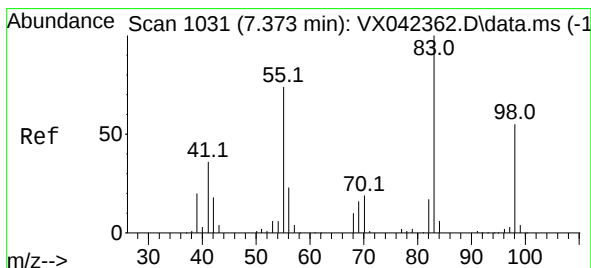
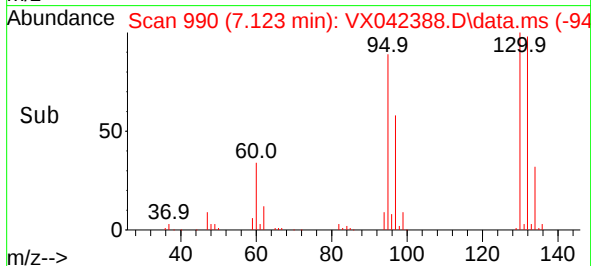
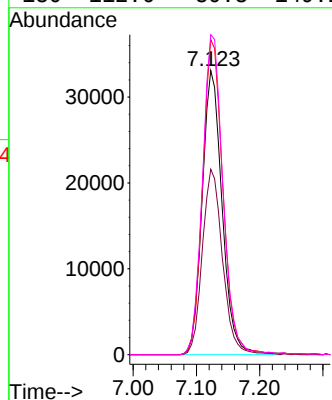
Ion Ratio Lower Upper

95 100

97 65.3 45.1 83.7

132 110.9 77.2 143.4

130 112.6 80.3 149.1



#35

Methylcyclohexane

Concen: 39.498 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

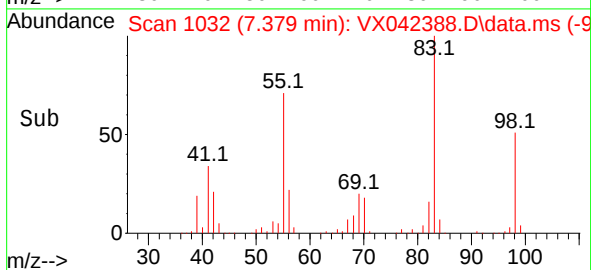
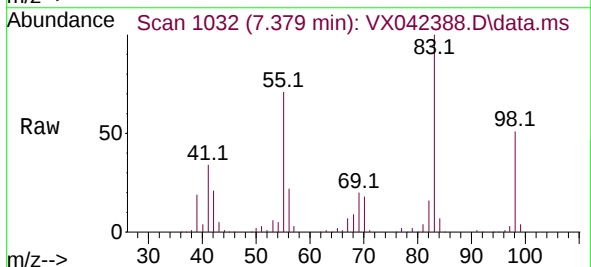
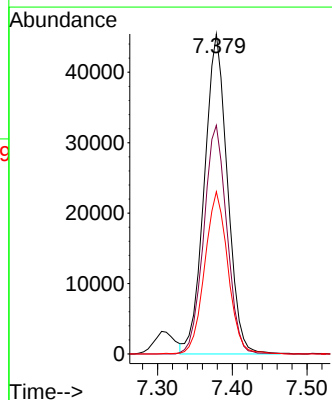
Tgt Ion: 83 Resp: 97472

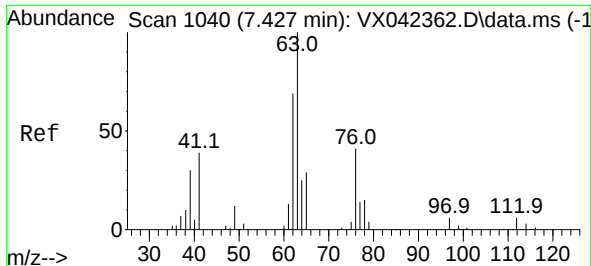
Ion Ratio Lower Upper

83 100

55 71.3 56.4 84.6

98 51.0 40.4 60.6

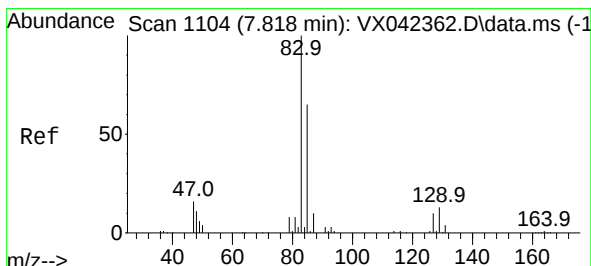
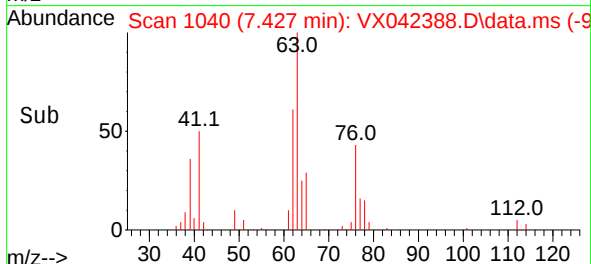
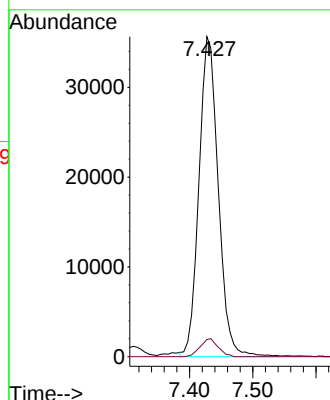
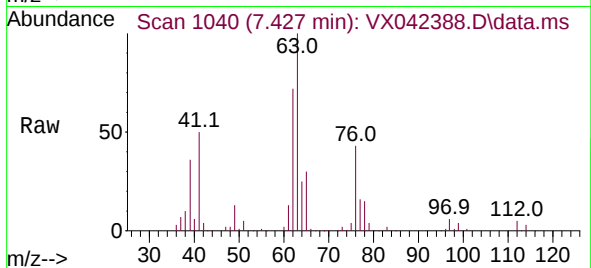




#37
1,2-Dichloropropane
Concen: 47.537 ug/L
RT: 7.427 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

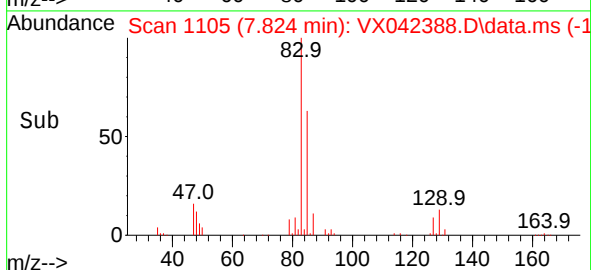
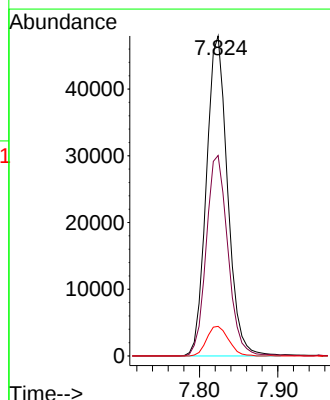
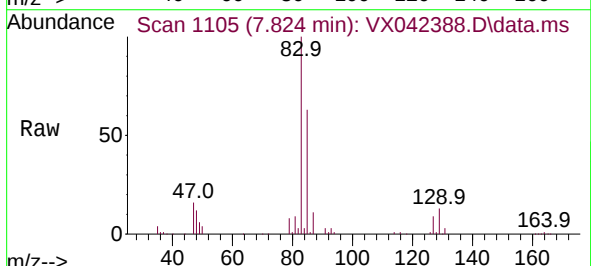
Instrument :
MSVOA_X
ClientSampleId :

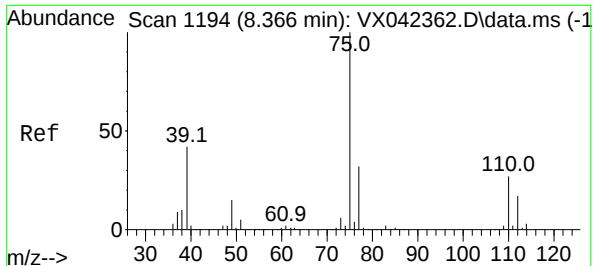
Tgt Ion: 63 Resp: 75784
Ion Ratio Lower Upper
63 100
112 5.2 4.3 6.5



#38
Bromodichloromethane
Concen: 46.120 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Tgt Ion: 83 Resp: 90036
Ion Ratio Lower Upper
83 100
85 62.6 45.4 84.2
127 9.3 7.3 10.9

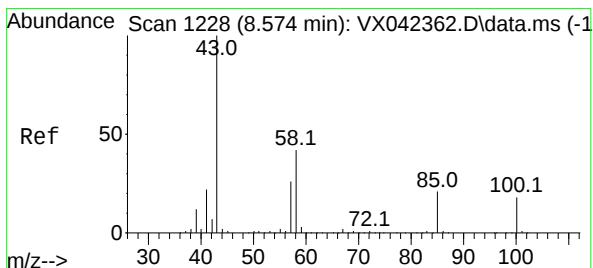
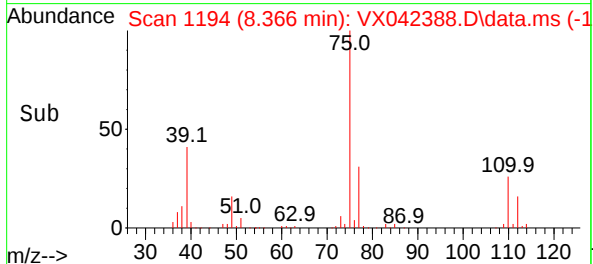
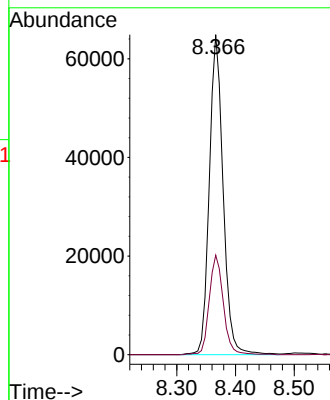
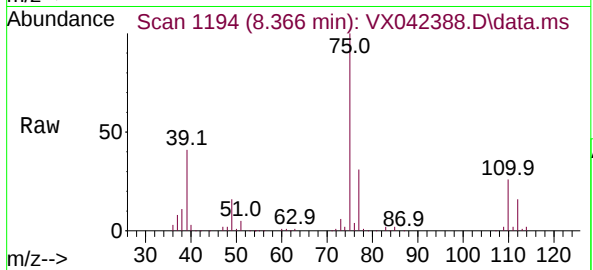




#39
cis-1,3-Dichloropropene
Concen: 45.218 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

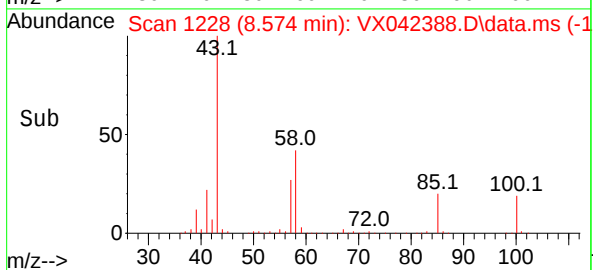
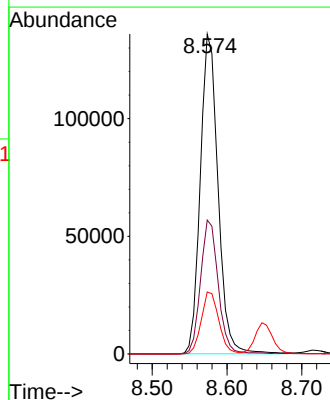
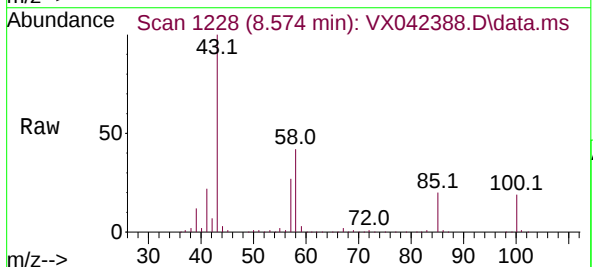
Instrument :
MSVOA_X
ClientSampleId :

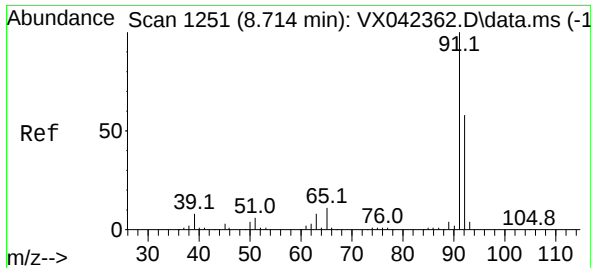
Tgt Ion: 75 Resp: 106144
Ion Ratio Lower Upper
75 100
77 31.1 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 98.248 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Tgt Ion: 43 Resp: 223404
Ion Ratio Lower Upper
43 100
58 41.9 33.7 50.5
100 19.2 15.4 23.2





#42

Toluene

Concen: 46.323 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

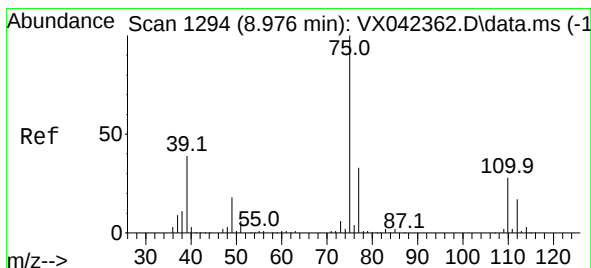
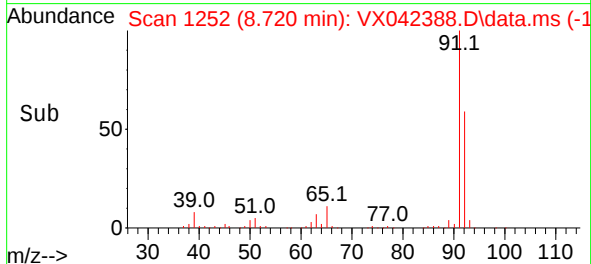
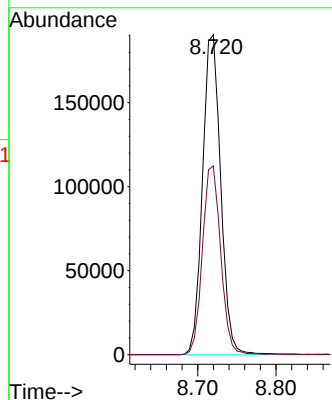
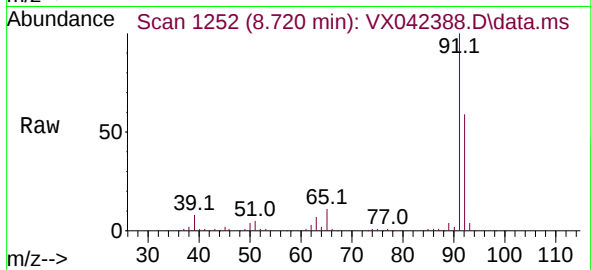
ClientSampleId :

Tgt Ion: 91 Resp: 307113

Ion Ratio Lower Upper

91 100

92 59.0 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 44.768 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX042388.D

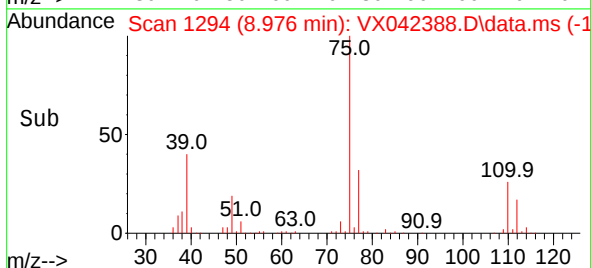
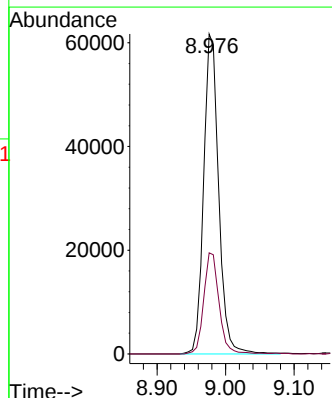
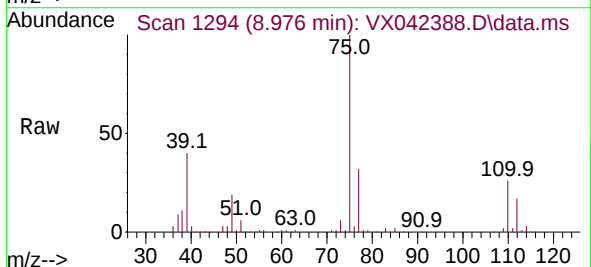
Acq: 18 Jul 2024 22:24

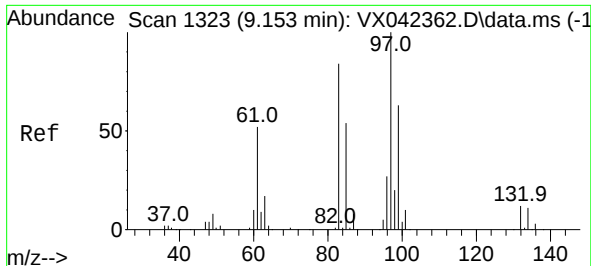
Tgt Ion: 75 Resp: 94220

Ion Ratio Lower Upper

75 100

77 31.6 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 49.250 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 84009

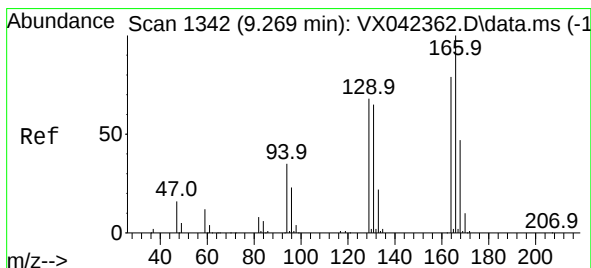
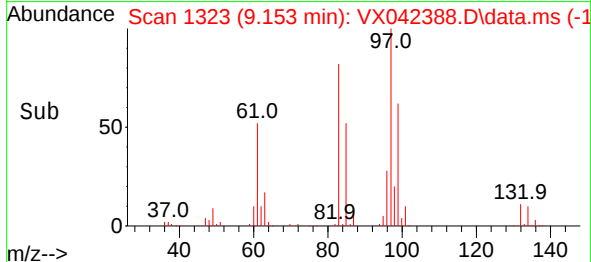
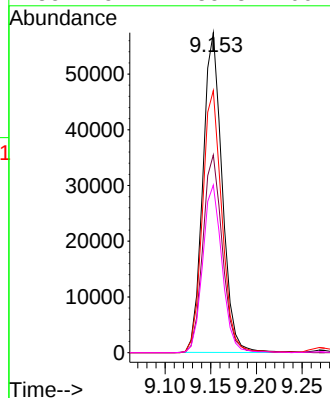
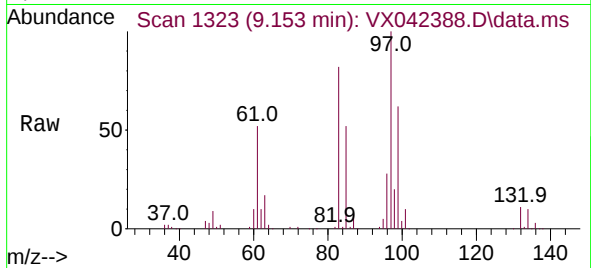
Ion Ratio Lower Upper

97 100

99 61.8 43.3 80.3

83 81.9 56.2 104.4

85 52.4 35.8 66.4



#46

Tetrachloroethene

Concen: 44.295 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Tgt Ion:164 Resp: 67480

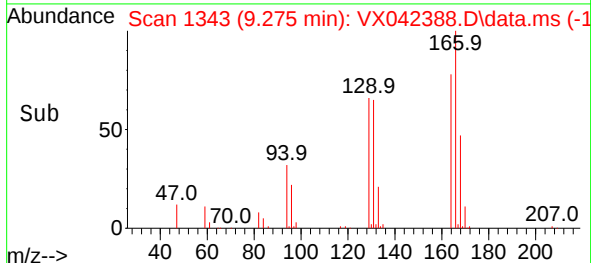
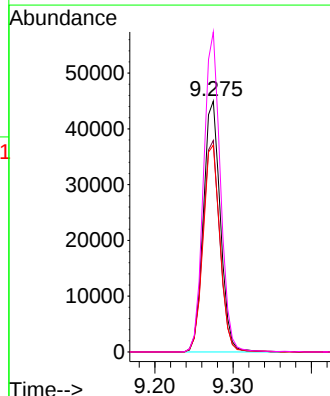
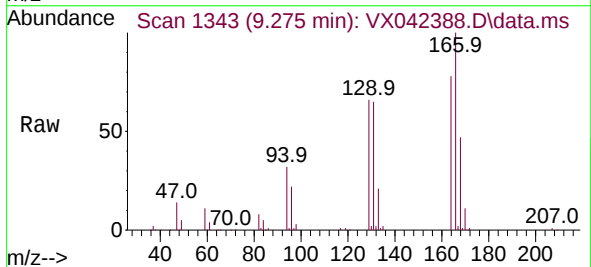
Ion Ratio Lower Upper

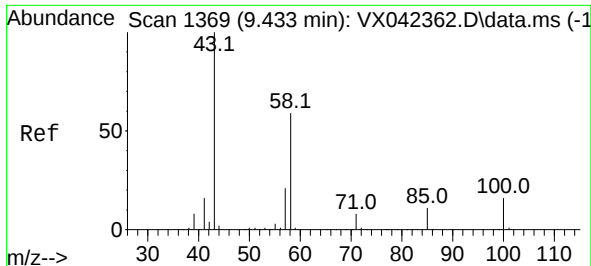
164 100

129 84.3 58.6 108.8

131 82.5 57.9 107.5

166 127.6 91.8 170.4





#48

2-Hexanone

Concen: 98.566 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 176009

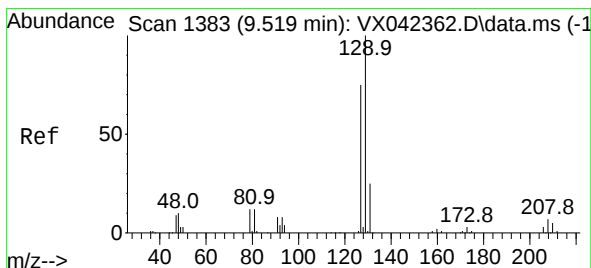
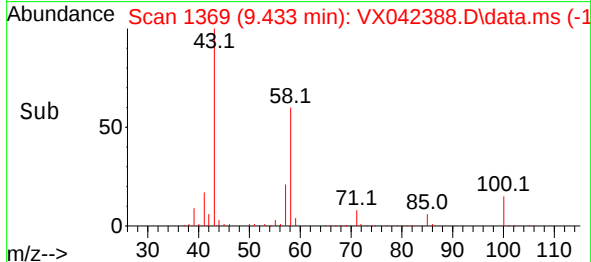
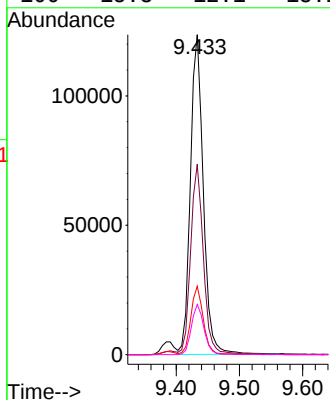
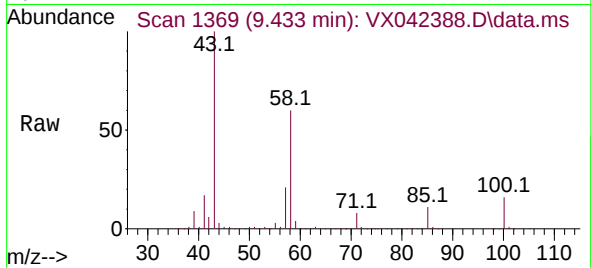
Ion Ratio Lower Upper

43 100

58 58.8 46.4 69.6

57 20.6 16.3 24.5

100 15.3 12.1 18.1



#49

Dibromochloromethane

Concen: 46.960 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX042388.D

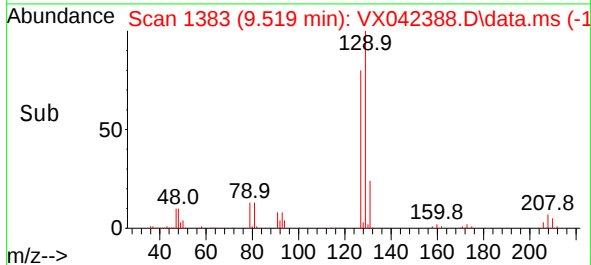
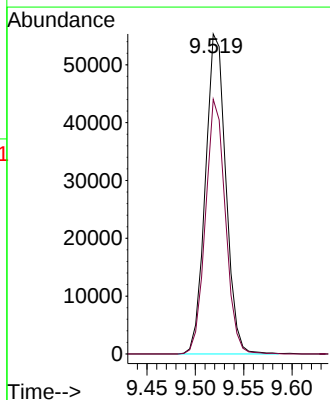
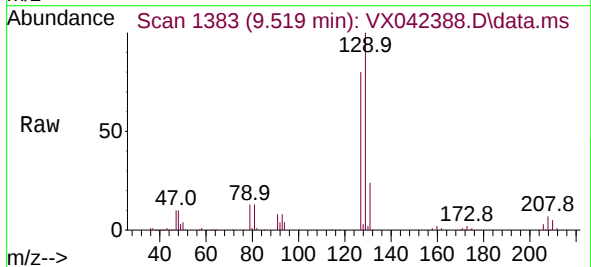
Acq: 18 Jul 2024 22:24

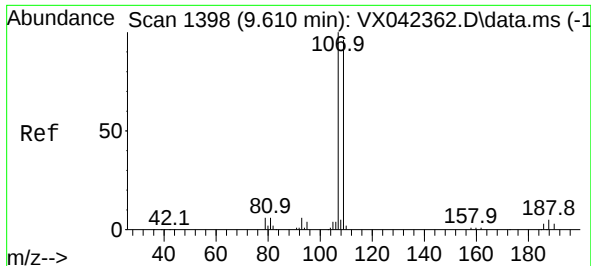
Tgt Ion: 129 Resp: 81581

Ion Ratio Lower Upper

129 100

127 79.6 53.7 99.7





#50

1,2-Dibromoethane

Concen: 48.443 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX042388.D

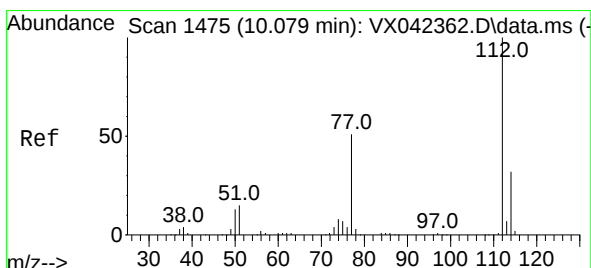
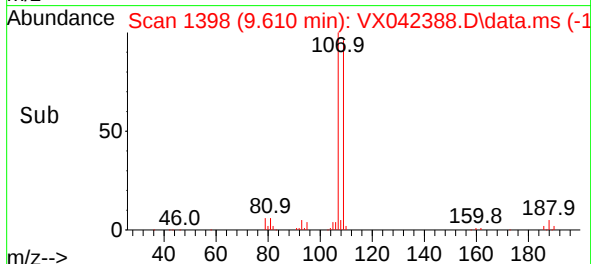
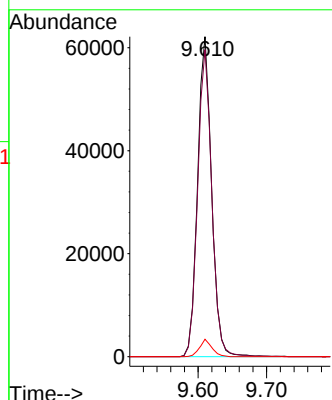
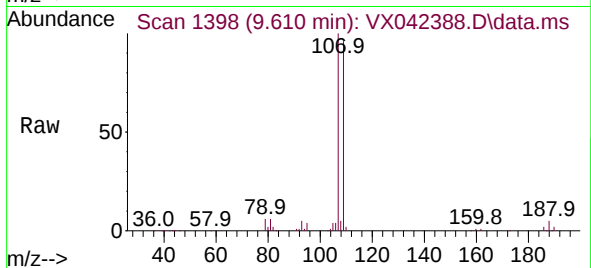
Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	88746
Ion Ratio	Lower	Upper
107	100	
109	95.9	67.5 125.3
188	5.5	4.2 6.2



#51

Chlorobenzene

Concen: 46.487 ug/L

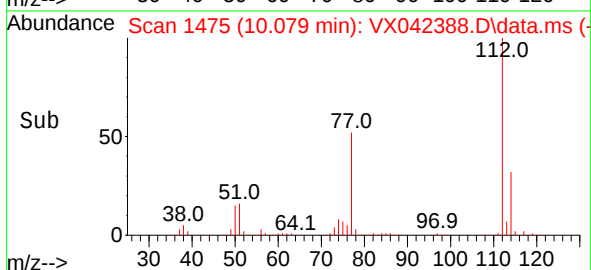
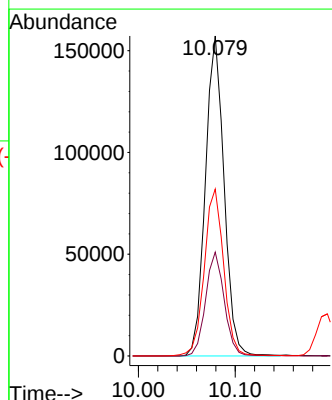
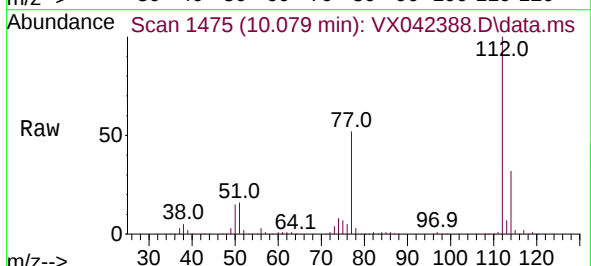
RT: 10.079 min Scan# 1475

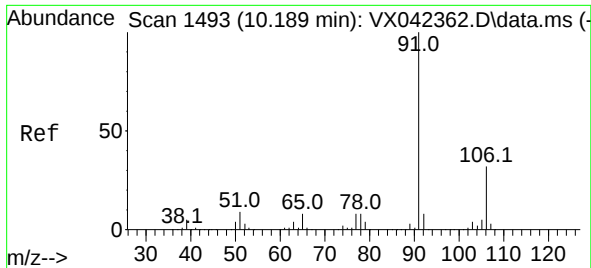
Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Tgt Ion:112	Resp:	211562
Ion Ratio	Lower	Upper
112	100	
114	32.5	23.2 43.2
77	52.1	43.0 64.4

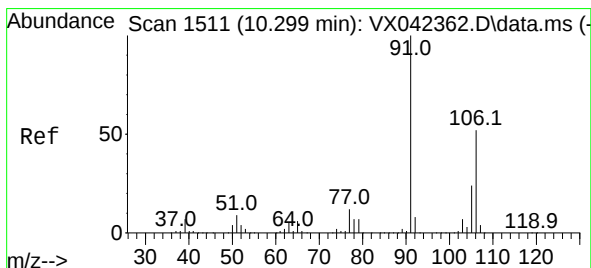
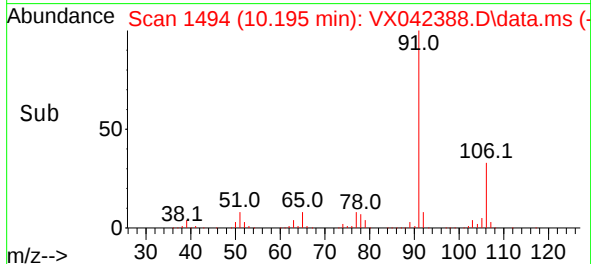
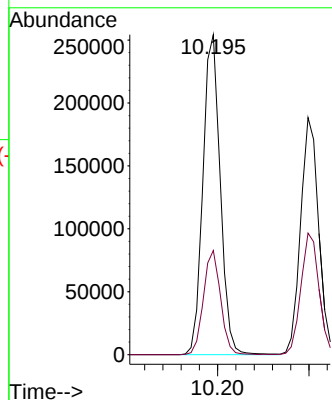
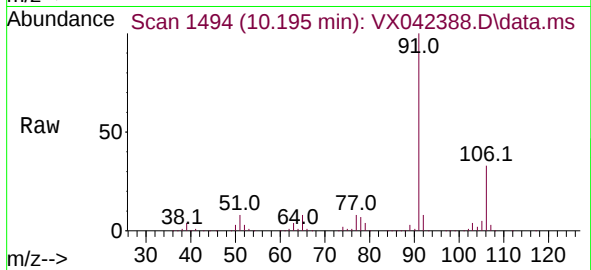




#52
Ethylbenzene
Concen: 46.367 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

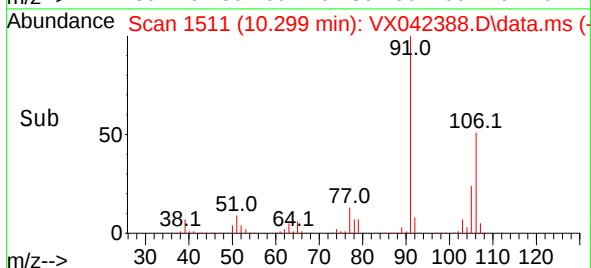
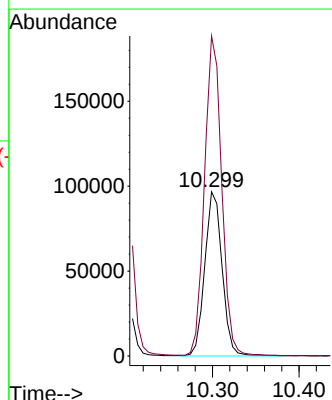
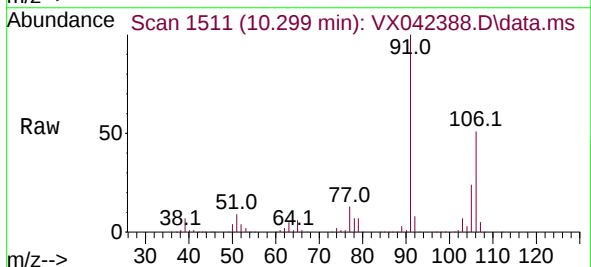
Instrument :
MSVOA_X
ClientSampleId :

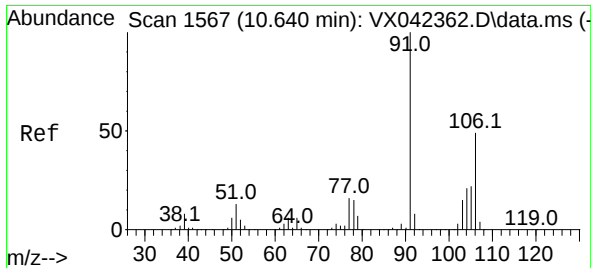
Tgt Ion: 91 Resp: 334052
Ion Ratio Lower Upper
91 100
106 32.6 23.1 42.9



#53
m,p-Xylene
Concen: 46.299 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Tgt Ion:106 Resp: 134263
Ion Ratio Lower Upper
106 100
91 195.0 136.4 253.2

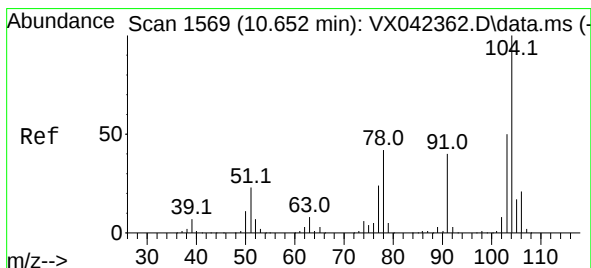
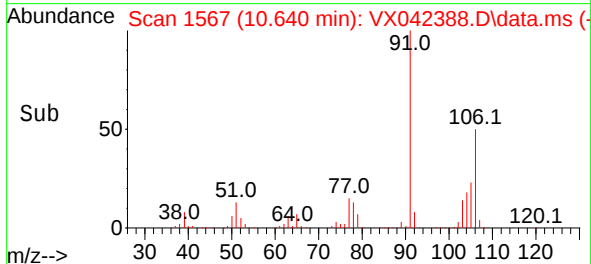
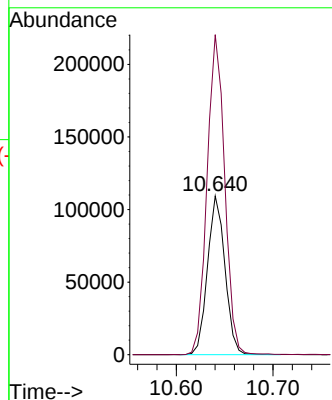
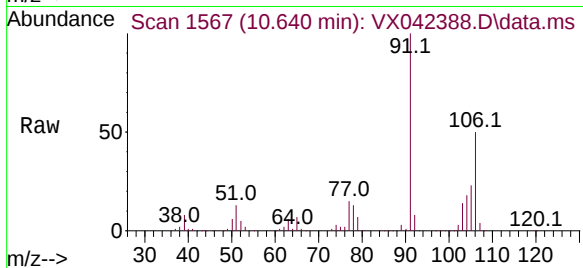




#54
o-Xylene
Concen: 47.486 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

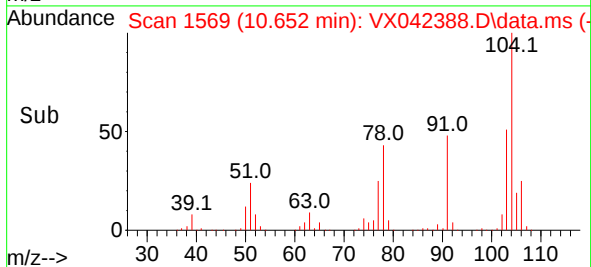
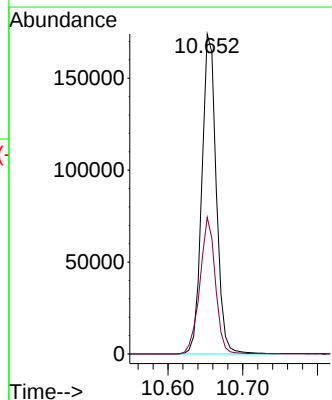
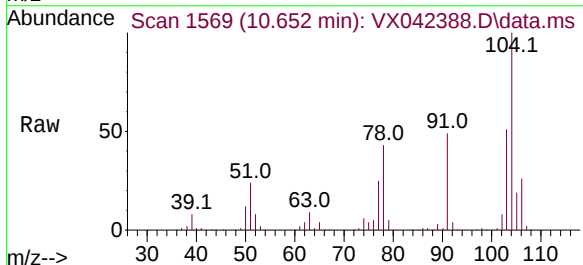
Instrument :
MSVOA_X
ClientSampleId :

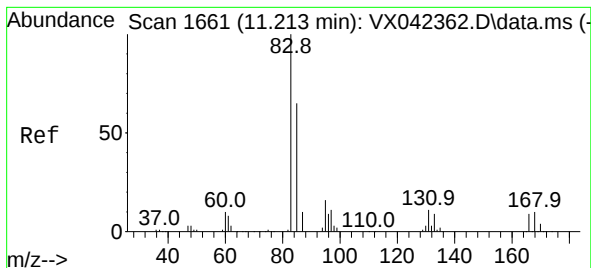
Tgt Ion:106 Resp: 137554
Ion Ratio Lower Upper
106 100
91 201.6 143.4 266.2



#55
Styrene
Concen: 48.325 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

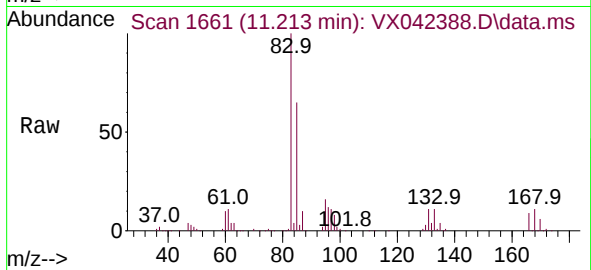
Tgt Ion:104 Resp: 233246
Ion Ratio Lower Upper
104 100
78 42.7 29.5 54.9



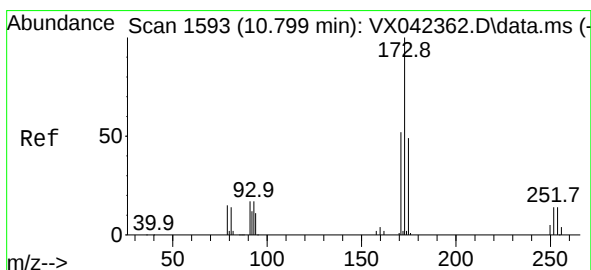
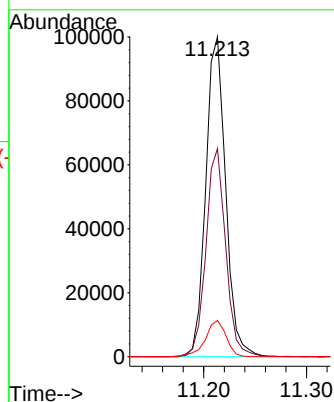
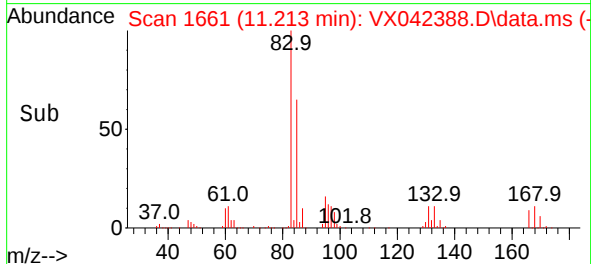


#57
1,1,2,2-Tetrachloroethane
Concen: 49.025 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Instrument :
MSVOA_X
ClientSampleId :

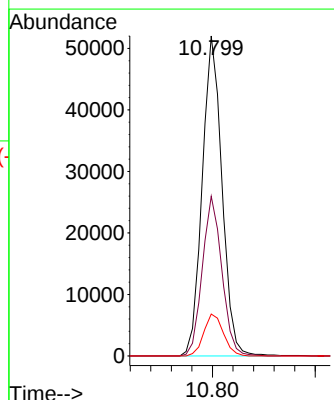
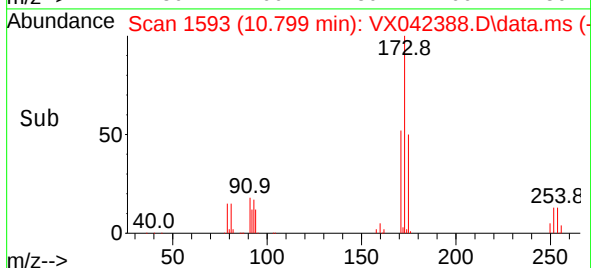
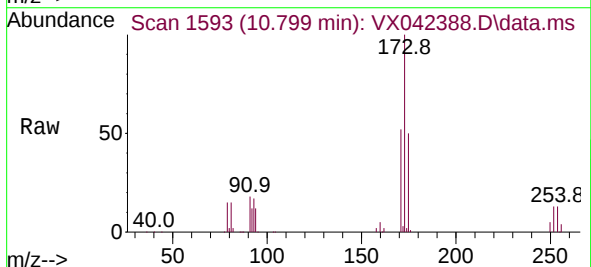


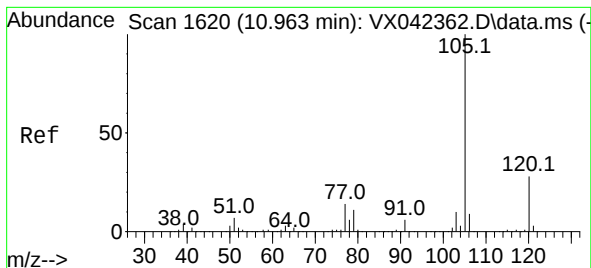
Tgt Ion: 83 Resp: 134219
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.7
131 11.3 9.0 13.4



#59
Bromoform
Concen: 46.939 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Tgt Ion:173 Resp: 69474
Ion Ratio Lower Upper
173 100
175 49.4 39.5 59.3
254 13.0 10.6 15.8





#60

Isopropylbenzene

Concen: 46.283 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

ClientSampleId :

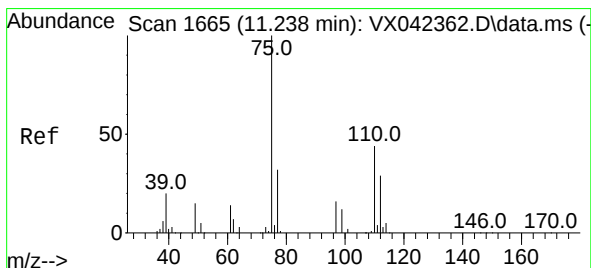
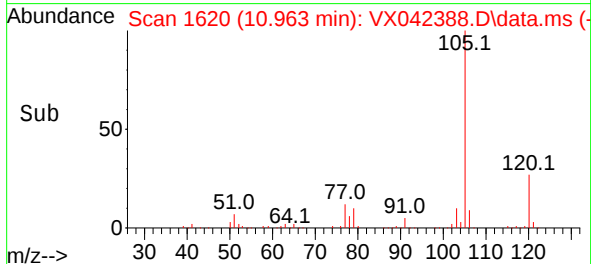
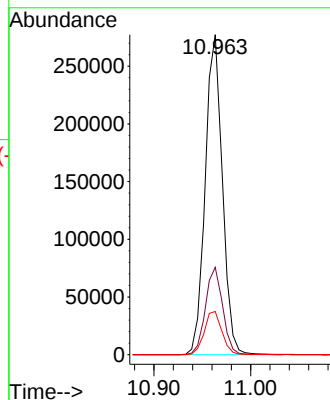
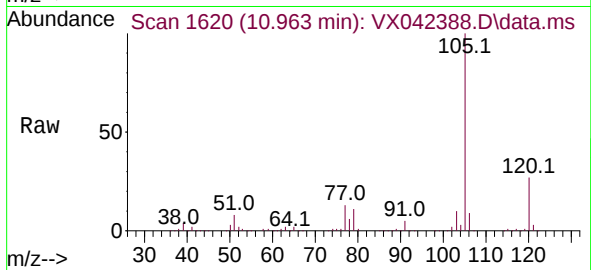
Tgt Ion:105 Resp: 342163

Ion Ratio Lower Upper

105 100

120 27.4 22.0 33.0

77 13.9 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 49.091 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

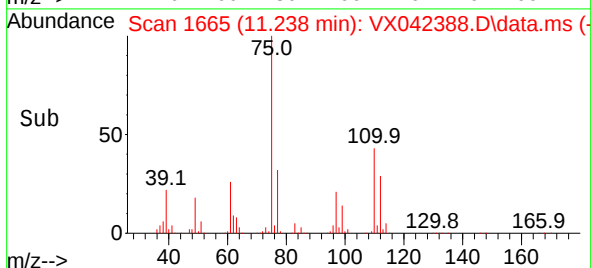
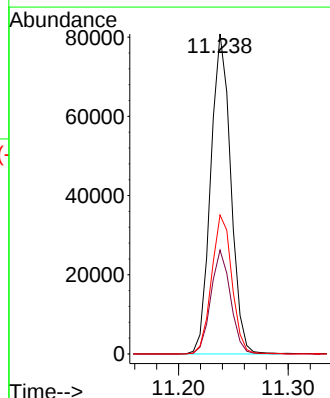
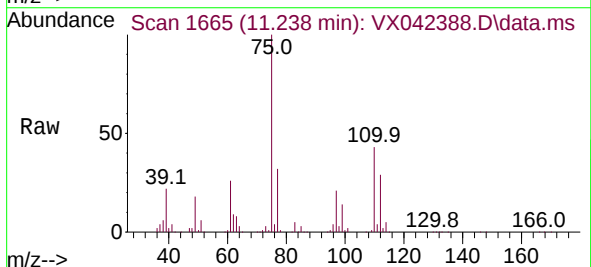
Tgt Ion: 75 Resp: 102931

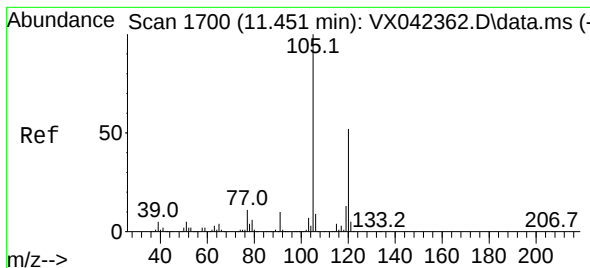
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

110 43.8 35.4 53.0





#62

1,3,5-Trimethylbenzene

Concen: 46.483 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

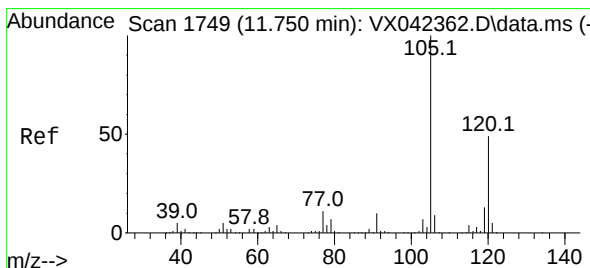
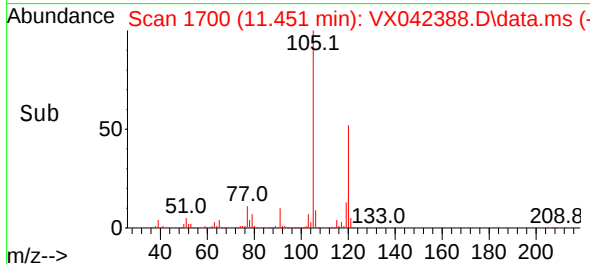
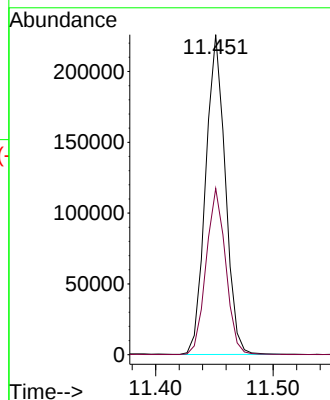
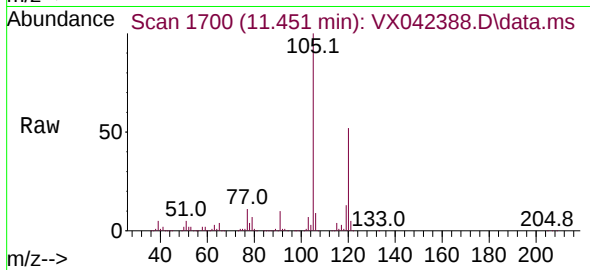
ClientSampleId :

Tgt Ion:105 Resp: 261307

Ion Ratio Lower Upper

105 100

120 52.0 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 47.507 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042388.D

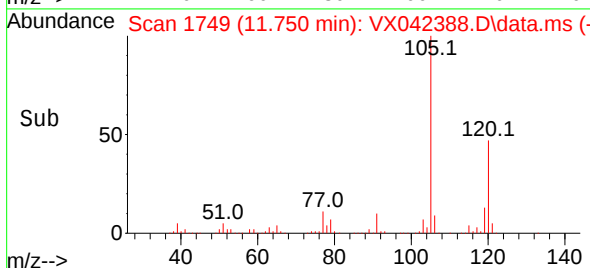
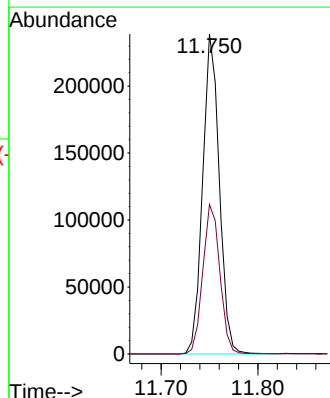
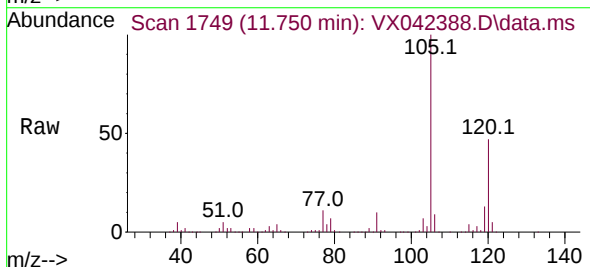
Acq: 18 Jul 2024 22:24

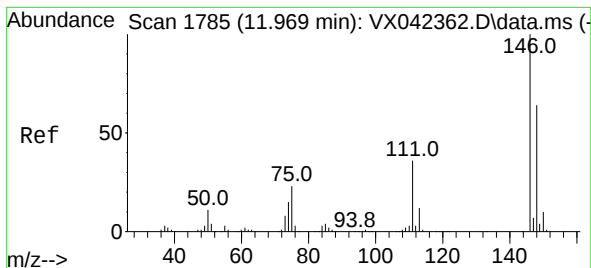
Tgt Ion:105 Resp: 286213

Ion Ratio Lower Upper

105 100

120 48.0 38.4 57.6





#64

1,3-Dichlorobenzene

Concen: 47.441 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

ClientSampleId :

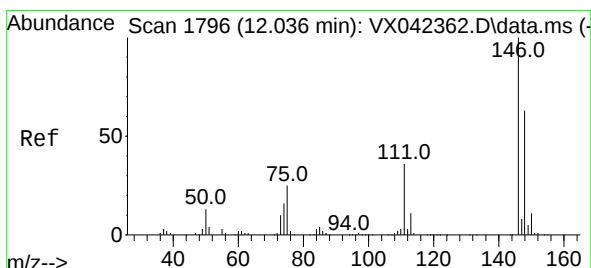
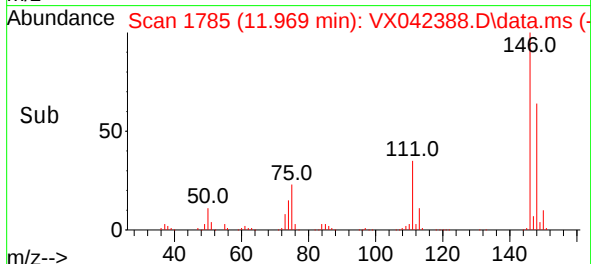
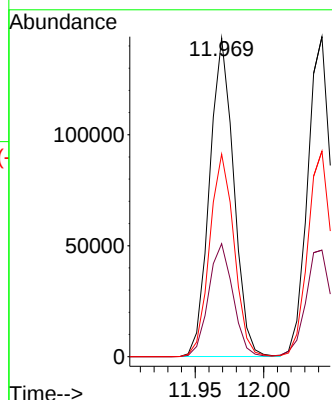
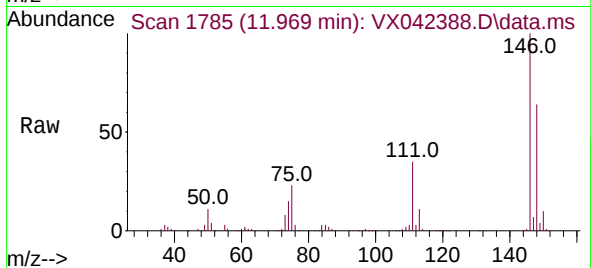
Tgt Ion:146 Resp: 175889

Ion Ratio Lower Upper

146 100

111 35.4 24.8 46.1

148 63.6 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 46.981 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

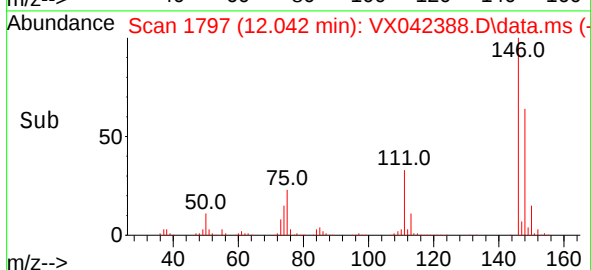
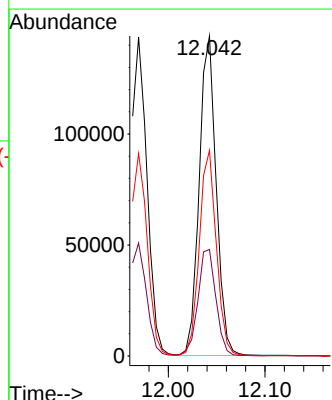
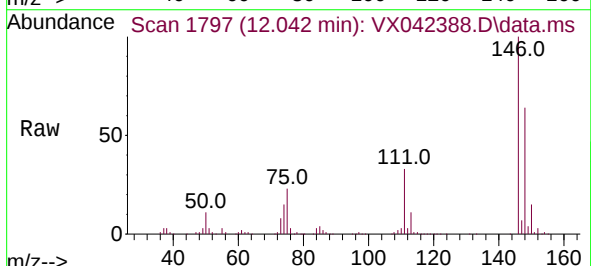
Tgt Ion:146 Resp: 176195

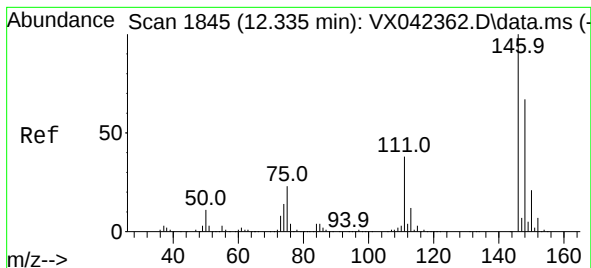
Ion Ratio Lower Upper

146 100

111 33.3 23.9 44.3

148 64.3 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 48.298 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

ClientSampleId :

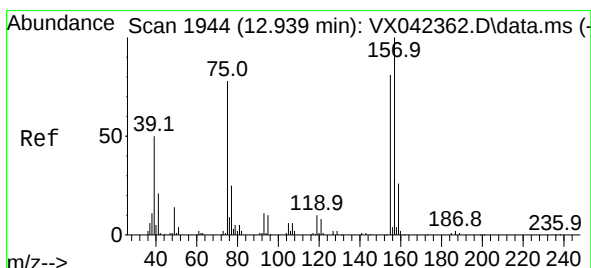
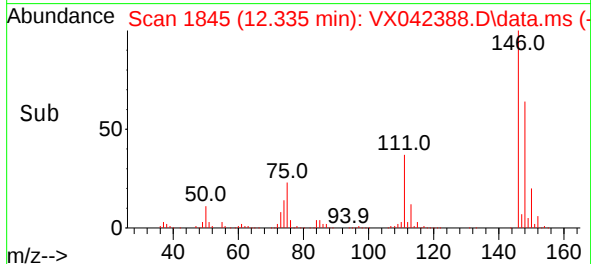
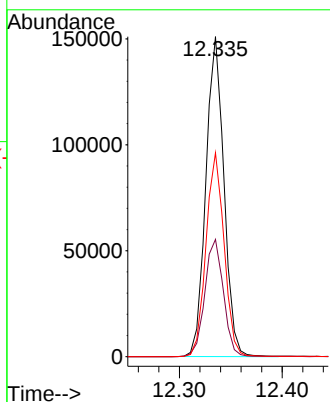
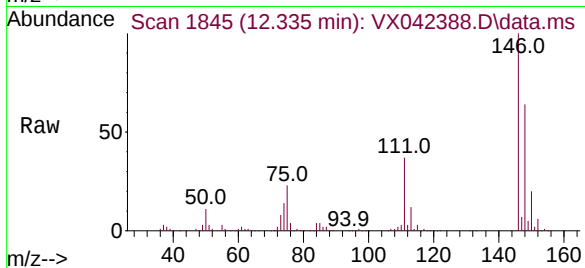
Tgt Ion:146 Resp: 184329

Ion Ratio Lower Upper

146 100

111 36.7 30.2 45.2

148 63.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 47.413 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

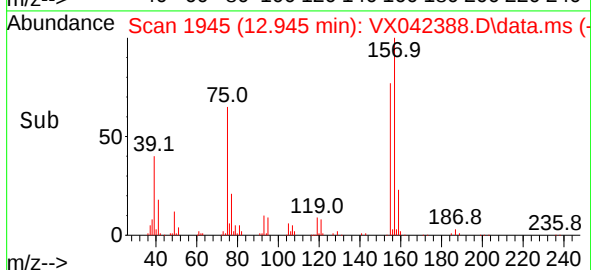
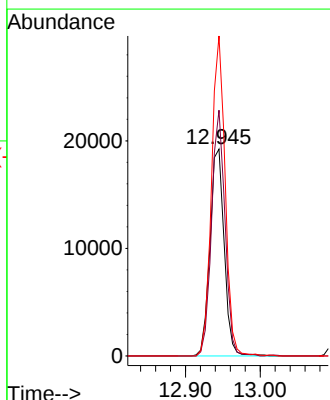
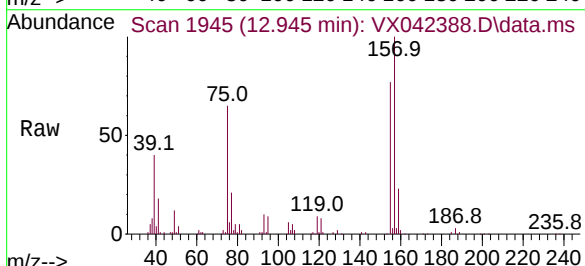
Tgt Ion: 75 Resp: 25448

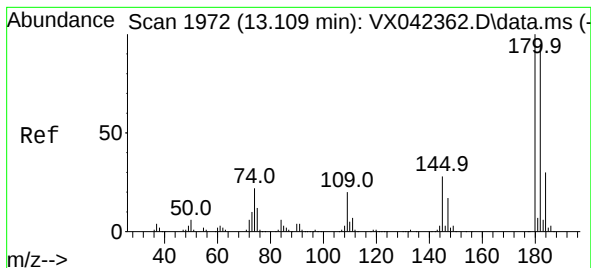
Ion Ratio Lower Upper

75 100

155 118.8 90.4 135.6

157 154.7 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 47.065 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

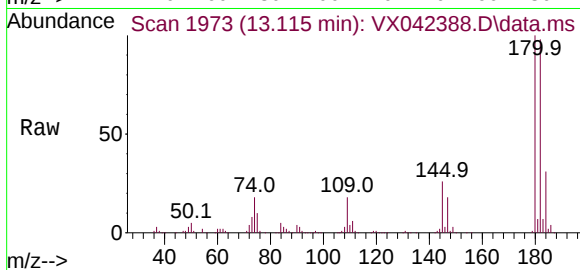
Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 126785

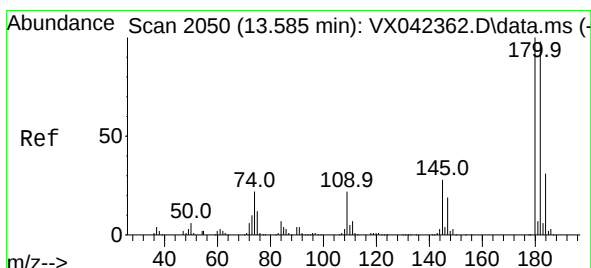
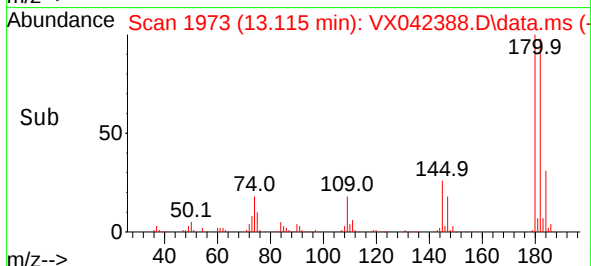
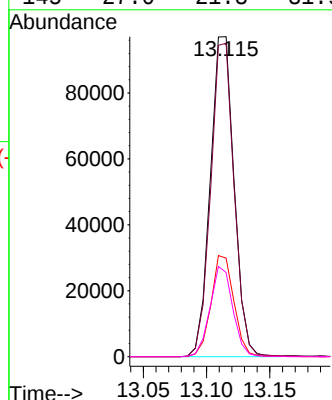
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.6

184 30.5 24.7 37.1

145 27.0 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 48.060 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042388.D

Acq: 18 Jul 2024 22:24

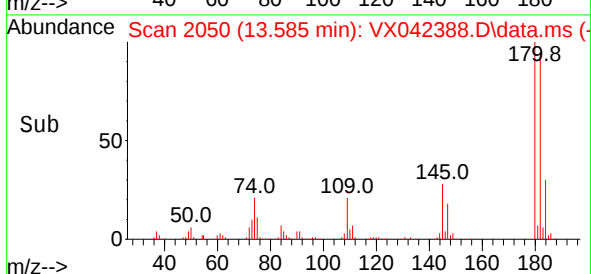
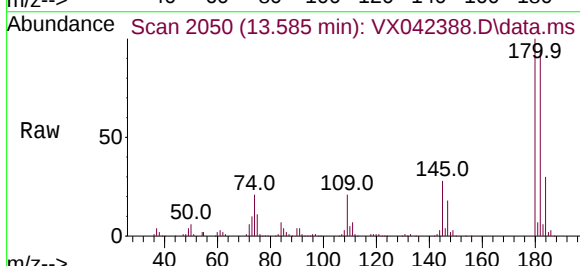
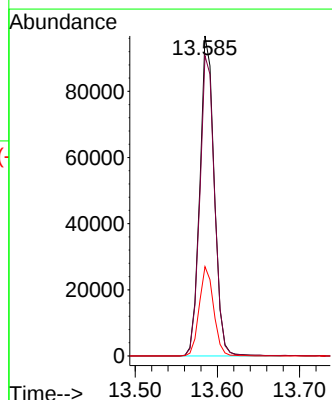
Tgt Ion:180 Resp: 117754

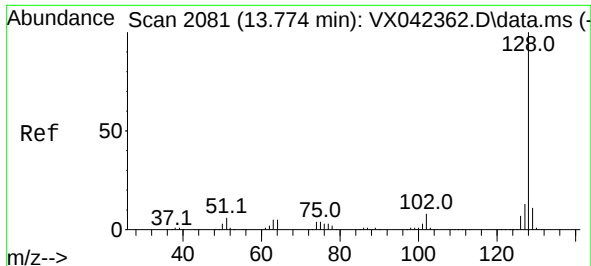
Ion Ratio Lower Upper

180 100

182 95.9 77.8 116.6

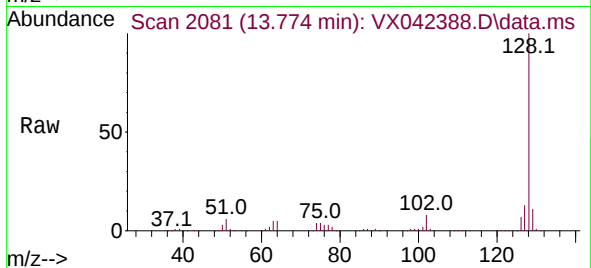
145 27.8 21.8 32.8



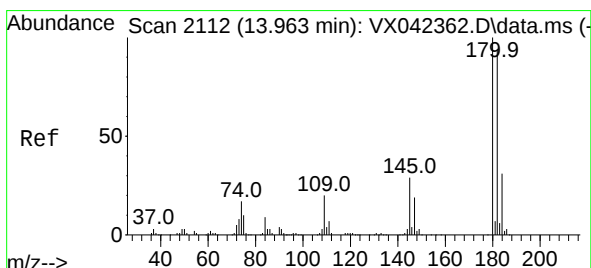
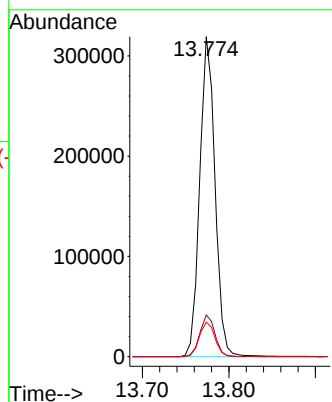
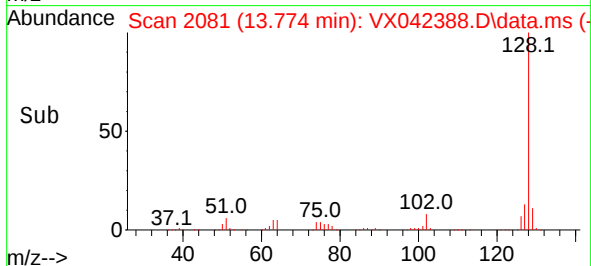


#71
Naphthalene
Concen: 51.610 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 390909
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 49.103 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042388.D
Acq: 18 Jul 2024 22:24

Tgt Ion:180 Resp: 127132
Ion Ratio Lower Upper
180 100
182 94.8 76.2 114.4
145 29.7 23.0 34.6

