

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040602.D
 Acq On : 06 Mar 2024 13:59
 Operator : JC/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 07 01:17:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:15:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	152532	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	144824	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	68306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70580	56.750	ug/L	0.00
7) Chloroethane-d5	1.666	69	56476	60.425	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	65	30748	56.528	ug/L	0.00
21) 2-Butanone-d5	4.453	46	107946	99.854	ug/L	0.00
24) Chloroform-d	5.056	84	132760	59.643	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	94174	63.426	ug/L	0.00
32) Benzene-d6	5.971	84	235382	52.025	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	72838	50.289	ug/L	0.00
41) Toluene-d8	8.647	98	222103	53.616	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	38532	51.893	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	80531	95.099	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	108840	52.600	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	75865	56.746	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	70319	56.408	ug/L	100
3) Chloromethane	1.295	50	61589	49.007	ug/L	100
5) Vinyl chloride	1.374	62	67673	53.551	ug/L	100
6) Bromomethane	1.605	94	40209	58.760	ug/L	100
8) Chloroethane	1.685	64	40148	55.507	ug/L	100
9) Trichlorofluoromethane	1.886	101	91285	55.366	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	54871	52.608	ug/L	100
12) 1,1-Dichloroethene	2.319	96	48903	50.270	ug/L	100
13) Acetone	2.380	43	74839	76.808	ug/L	100
14) Carbon disulfide	2.514	76	140884	46.349	ug/L	100
15) Methyl Acetate	2.703	43	64364	44.998	ug/L	100
16) Methylene chloride	2.788	84	53106	47.940	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	49251	48.519	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	175776	49.317	ug/L	100
19) 1,1-Dichloroethane	3.611	63	98918	49.062	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	55967	47.683	ug/L	100
22) 2-Butanone	4.556	43	101992	84.179	ug/L	100
23) Bromochloromethane	4.898	128	28198	50.338	ug/L	100
25) Chloroform	5.093	83	108838	52.994	ug/L	100
27) 1,2-Dichloroethane	6.086	62	97148	58.306	ug/L	100
29) Cyclohexane	5.471	56	84254	43.402	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	94840	53.651	ug/L	100
31) Carbon tetrachloride	5.678	117	80354	54.420	ug/L	100
33) Benzene	6.038	78	204921	45.946	ug/L	100
34) Trichloroethene	7.123	95	60543	50.298	ug/L	100
35) Methylcyclohexane	7.379	83	88346	45.194	ug/L	100
37) 1,2-Dichloropropane	7.428	63	55069	44.843	ug/L	100
38) Bromodichloromethane	7.824	83	80434	51.958	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	92690	46.829	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	188592	91.288	ug/L	100
42) Toluene	8.720	91	227911	47.749	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	89736	48.468	ug/L	100

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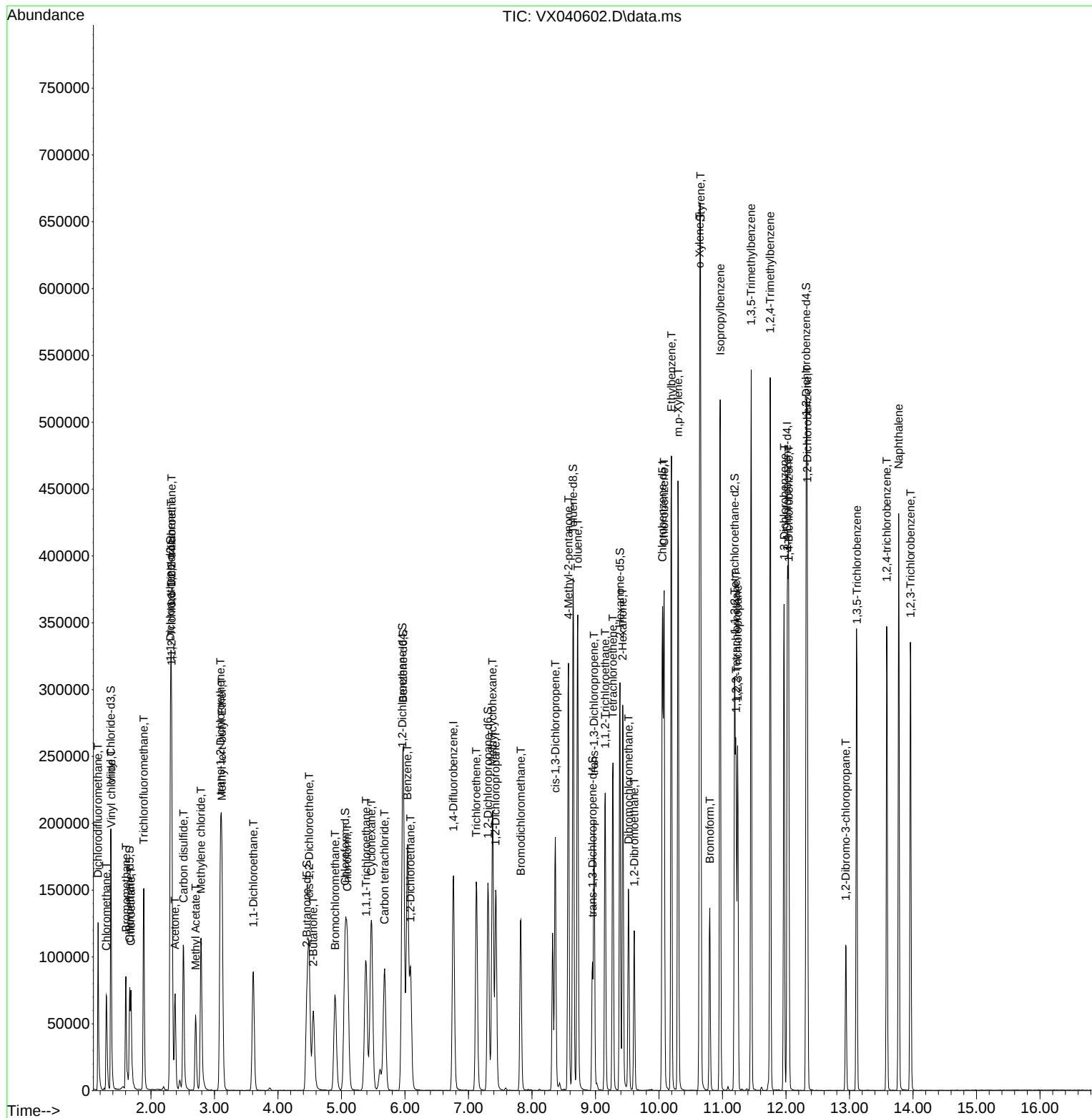
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	56388	48.975	ug/L	100
46) Tetrachloroethene	9.275	164	43168	53.439	ug/L	100
48) 2-Hexanone	9.427	43	154411	89.871	ug/L	100
49) Dibromochloromethane	9.519	129	59504	52.367	ug/L	100
50) 1,2-Dibromoethane	9.610	107	60954	49.351	ug/L	100
51) Chlorobenzene	10.080	112	144064	48.623	ug/L	100
52) Ethylbenzene	10.195	91	264753	49.280	ug/L	100
53) m,p-Xylene	10.299	106	95894	48.048	ug/L	100
54) o-Xylene	10.640	106	92955	48.512	ug/L	100
55) Styrene	10.653	104	162447	49.387	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	91668	46.191	ug/L	100
59) Bromoform	10.799	173	45110	55.313	ug/L	100
60) Isopropylbenzene	10.964	105	264306	52.976	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	76734	51.506	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	220827	52.473	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	220819	53.257	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	105006	49.865	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	106725	49.746	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	103803	51.062	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	21981	48.145	ug/L	100
69) 1,3,5-Trichlorobenzene	13.116	180	76480	53.894	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	74341	55.034	ug/L	100
71) Naphthalene	13.774	128	240603	52.711	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	72892	55.641	ug/L	100

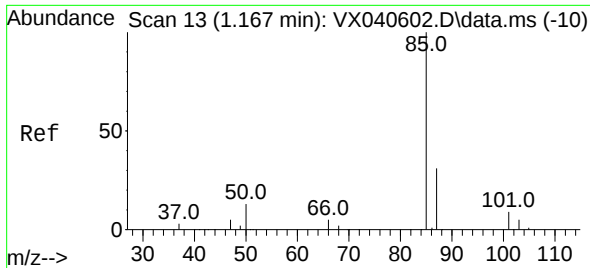
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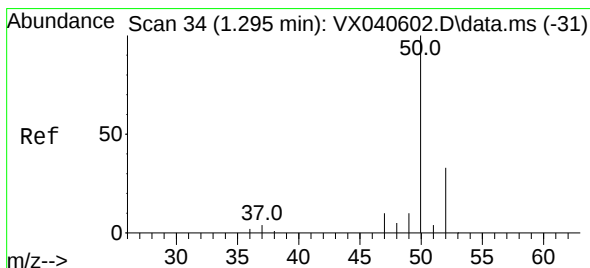
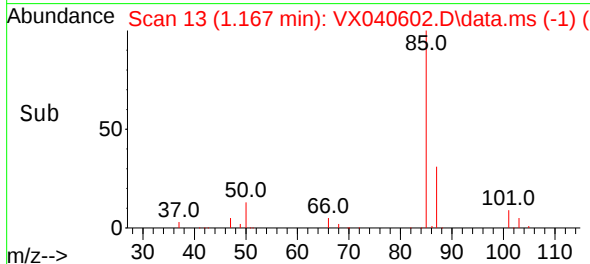
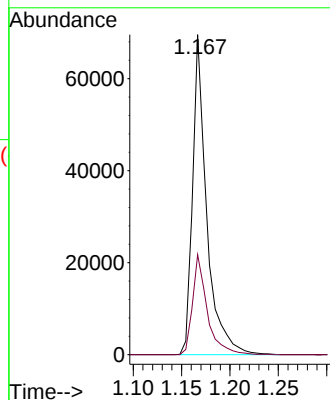
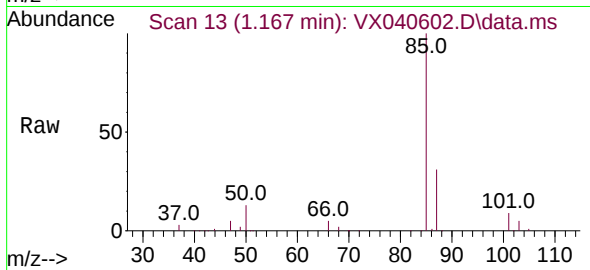




#2
Dichlorodifluoromethane
Concen: 56.408 ug/L
RT: 1.167 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

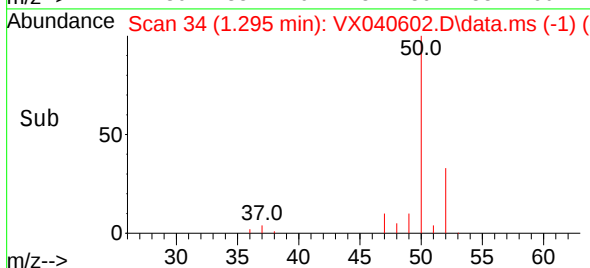
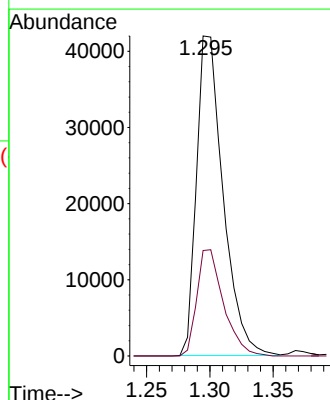
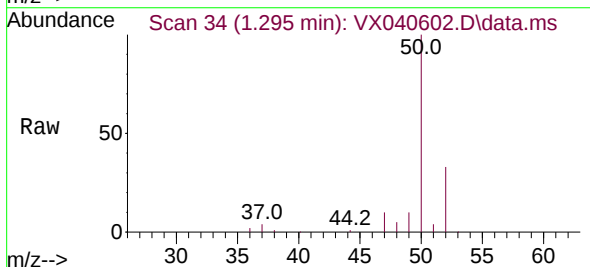
Instrument :
MSVOA_X
ClientSampleId :

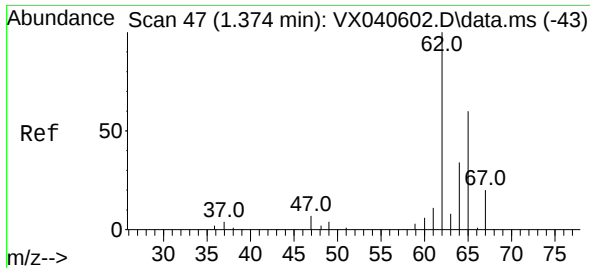
Tgt Ion: 85 Resp: 70319
Ion Ratio Lower Upper
85 100
87 32.6 26.1 39.1



#3
Chloromethane
Concen: 49.007 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

Tgt Ion: 50 Resp: 61589
Ion Ratio Lower Upper
50 100
52 33.0 23.1 42.9

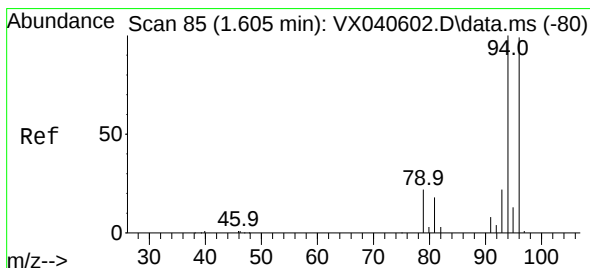
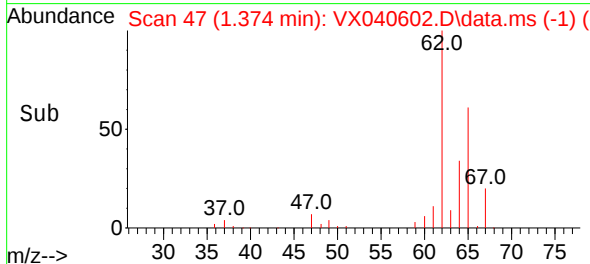
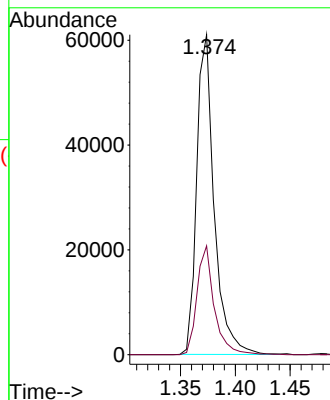
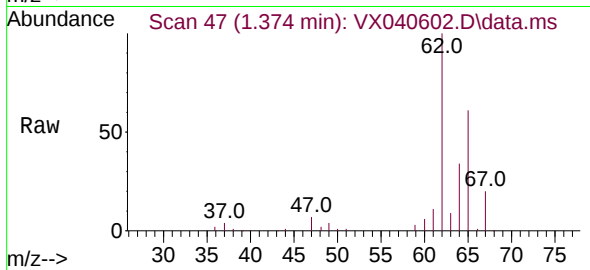




#5
Vinyl chloride
Concen: 53.551 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

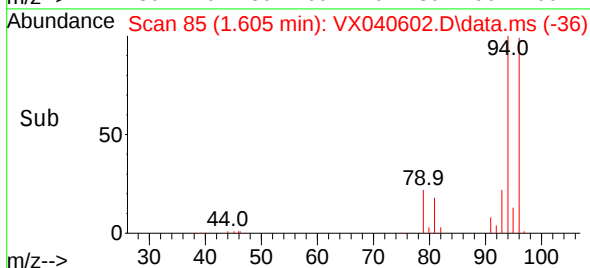
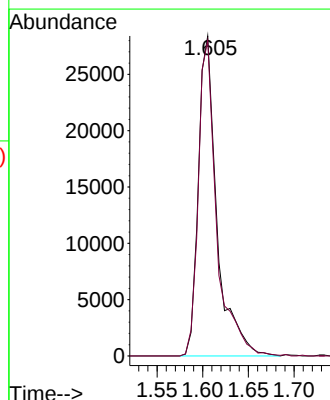
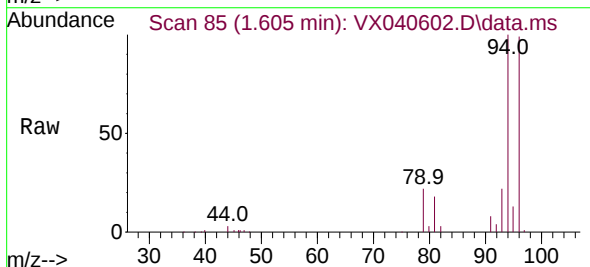
Instrument :
MSVOA_X
ClientSampleId :

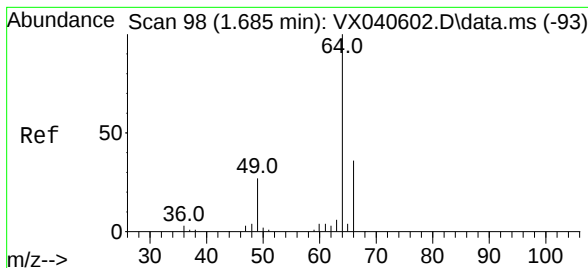
Tgt Ion: 62 Resp: 67673
Ion Ratio Lower Upper
62 100
64 34.0 23.8 44.2



#6
Bromomethane
Concen: 58.760 ug/L
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

Tgt Ion: 94 Resp: 40209
Ion Ratio Lower Upper
94 100
96 98.6 69.0 128.2





#8

Chloroethane

Concen: 55.507 ug/L

RT: 1.685 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

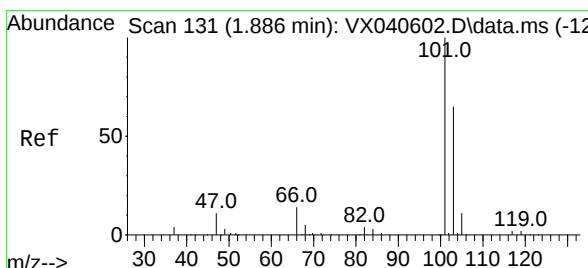
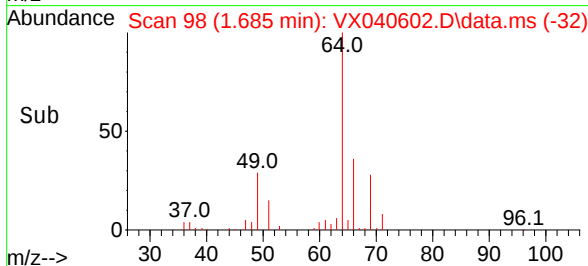
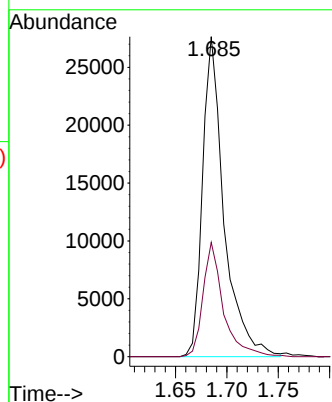
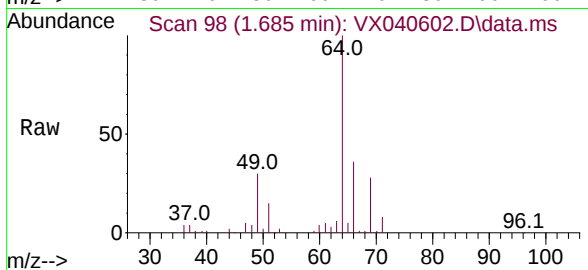
ClientSampleId :

Tgt Ion: 64 Resp: 40148

Ion Ratio Lower Upper

64 100

66 35.7 25.0 46.4



#9

Trichlorofluoromethane

Concen: 55.366 ug/L

RT: 1.886 min Scan# 131

Delta R.T. 0.000 min

Lab File: VX040602.D

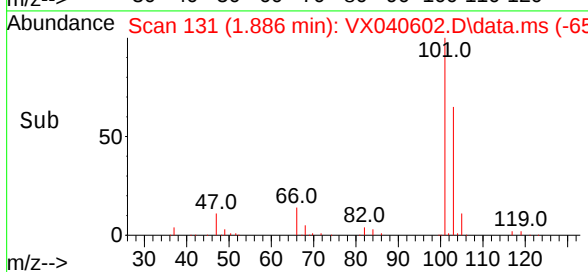
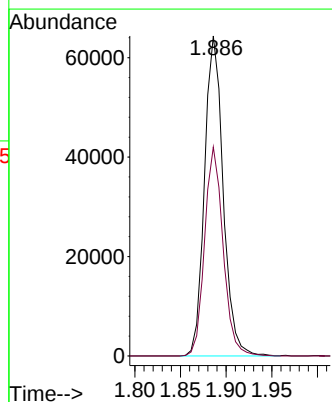
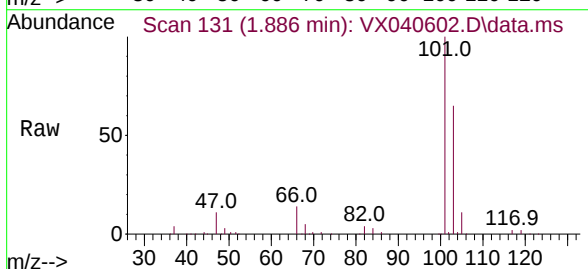
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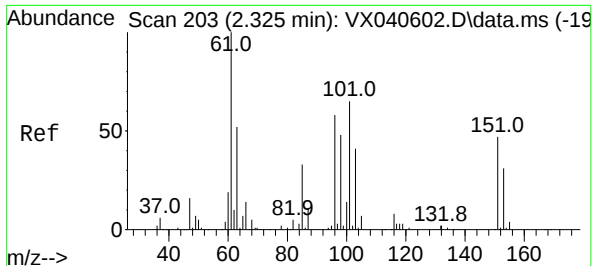
Tgt Ion:101 Resp: 91285

Ion Ratio Lower Upper

101 100

103 64.6 51.7 77.5

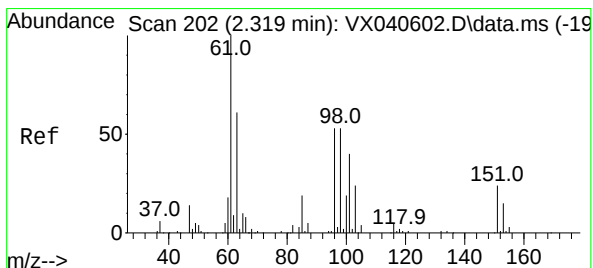
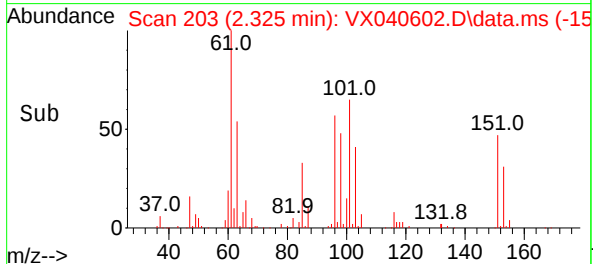
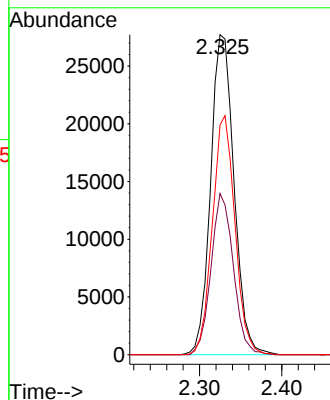
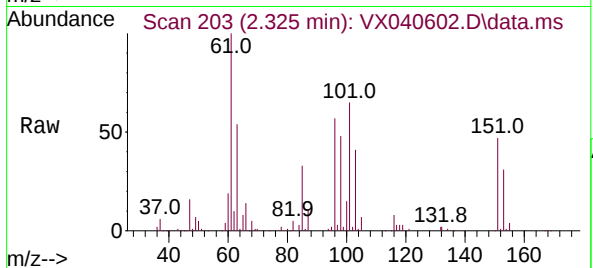




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.608 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

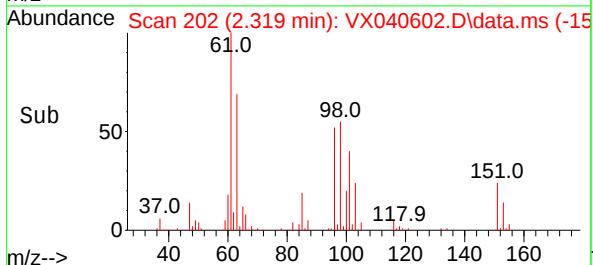
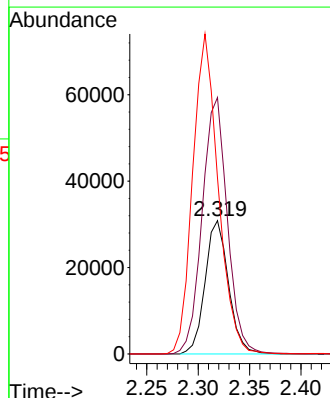
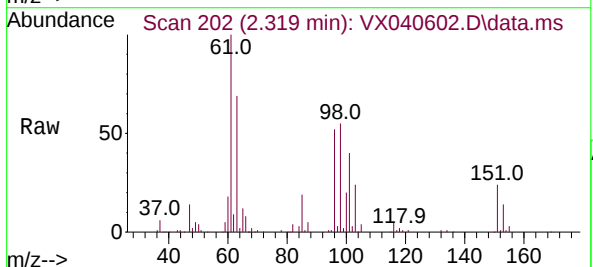
Instrument :
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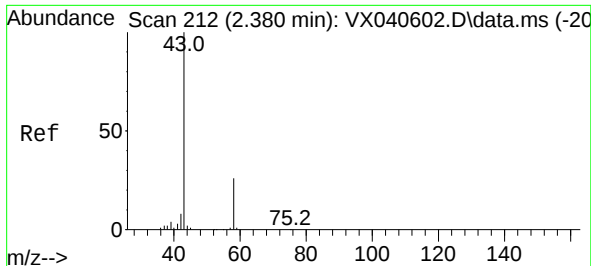
Tgt Ion:101 Resp: 54871
Ion Ratio Lower Upper
101 100
85 47.9 38.3 57.5
151 72.1 57.7 86.5



#12
1,1-Dichloroethene
Concen: 50.270 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

Tgt Ion: 96 Resp: 48903
Ion Ratio Lower Upper
96 100
61 192.6 134.8 250.4
63 132.2 92.5 171.9

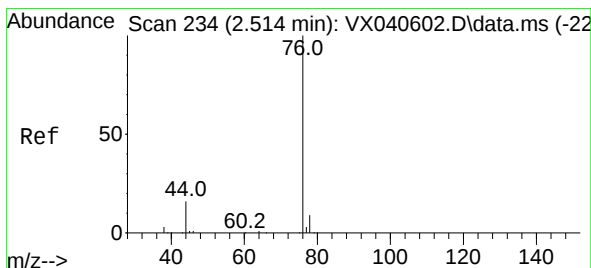
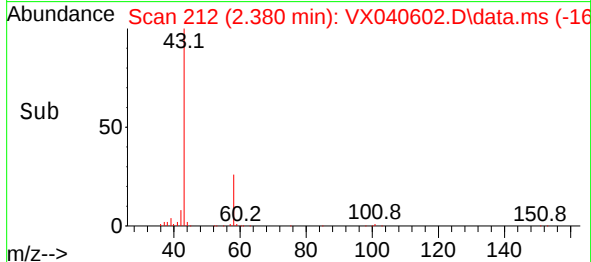
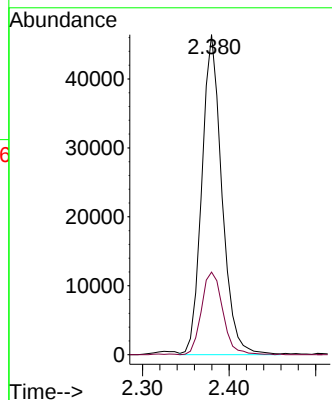
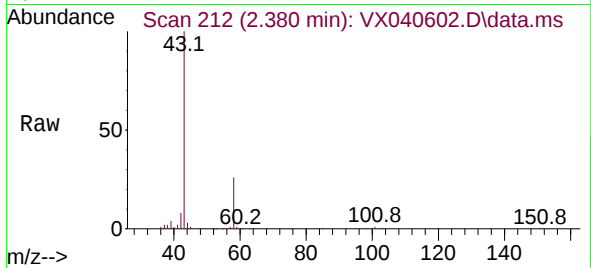




#13
Acetone
Concen: 76.808 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

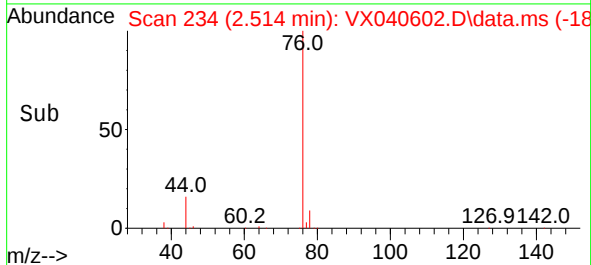
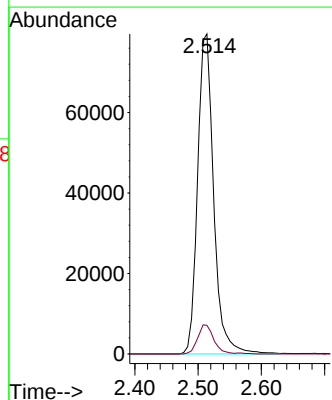
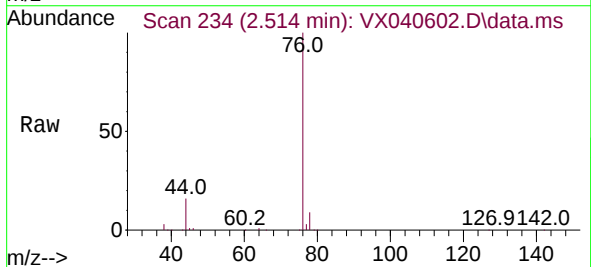
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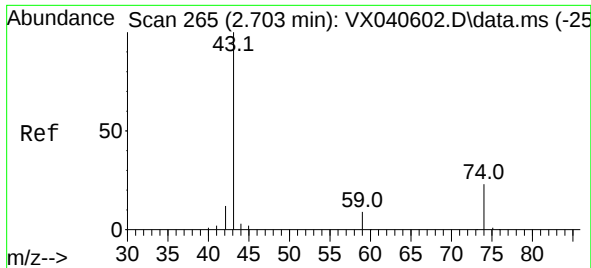
Tgt Ion: 43 Resp: 74839
Ion Ratio Lower Upper
43 100
58 27.3 0.0 54.6



#14
Carbon disulfide
Concen: 46.349 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

Tgt Ion: 76 Resp: 140884
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





#15

Methyl Acetate

Concen: 44.998 ug/L

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

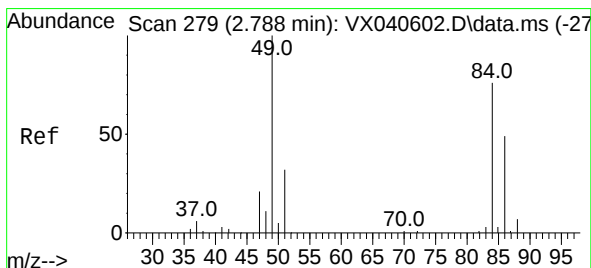
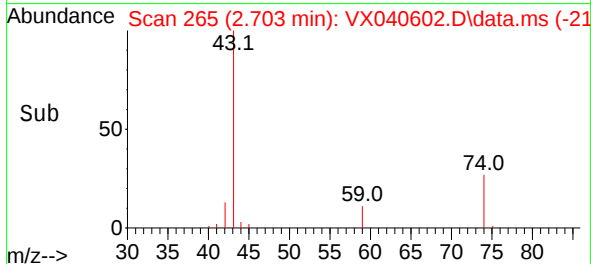
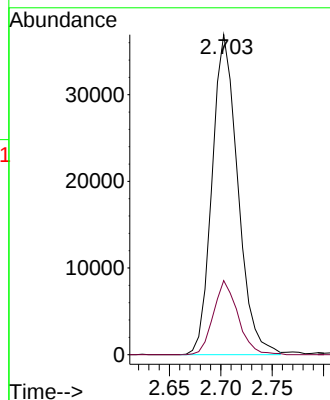
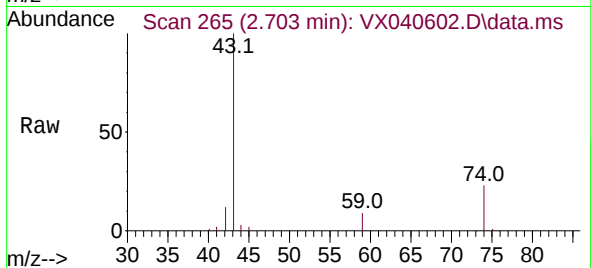
ClientSampleId :

Tgt Ion: 43 Resp: 64364

Ion Ratio Lower Upper

43 100

74 22.0 17.6 26.4



#16

Methylene chloride

Concen: 47.940 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

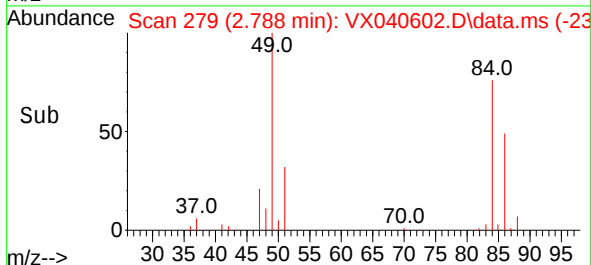
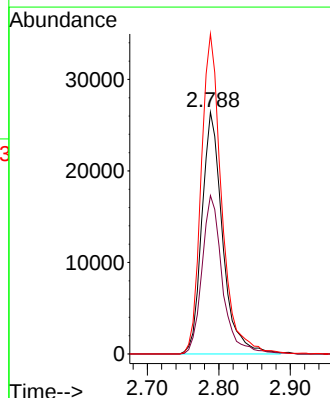
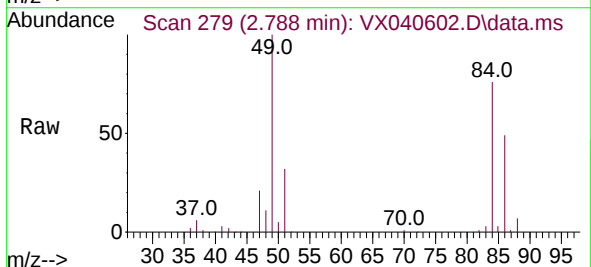
Tgt Ion: 84 Resp: 53106

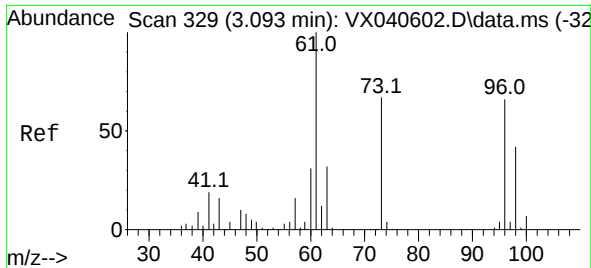
Ion Ratio Lower Upper

84 100

86 65.5 45.8 85.2

49 132.3 92.6 172.0

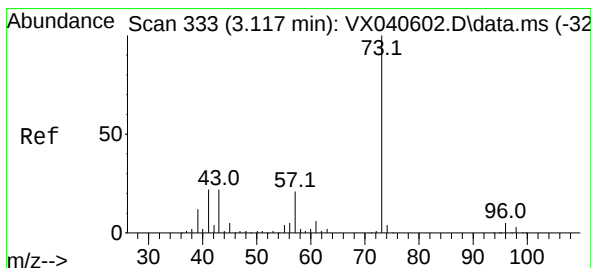
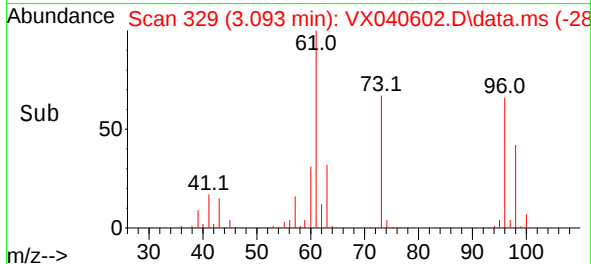
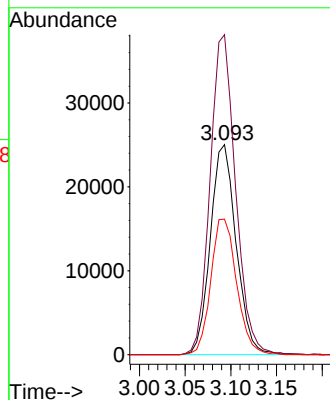
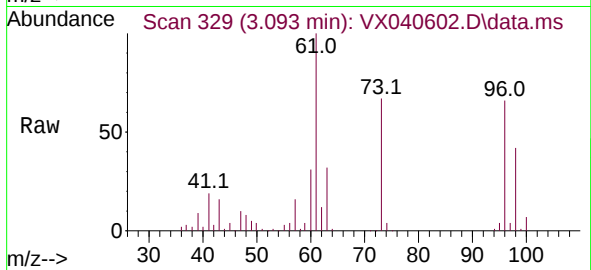




#17
trans-1,2-Dichloroethene
Concen: 48.519 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

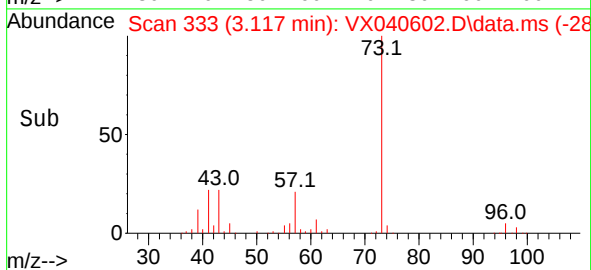
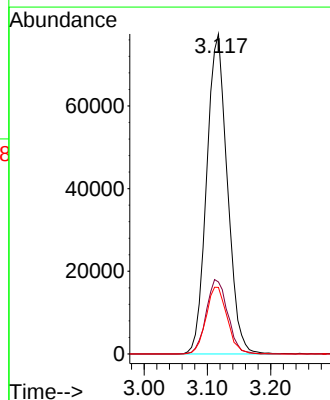
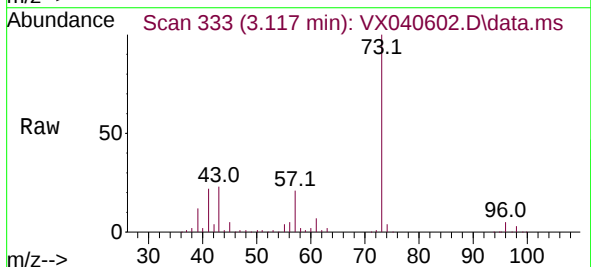
Instrument :
MSVOA_X
ClientSampleId :

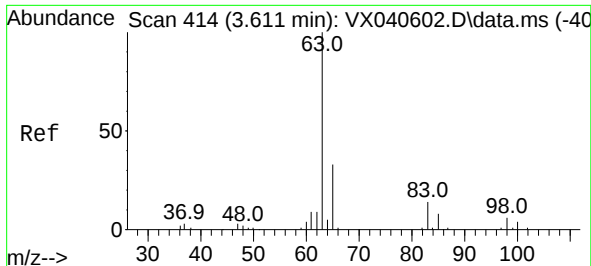
Tgt Ion: 96 Resp: 49251
Ion Ratio Lower Upper
96 100
61 152.3 106.6 198.0
98 64.5 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 49.317 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

Tgt Ion: 73 Resp: 175776
Ion Ratio Lower Upper
73 100
43 24.1 19.3 28.9
57 21.4 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.062 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

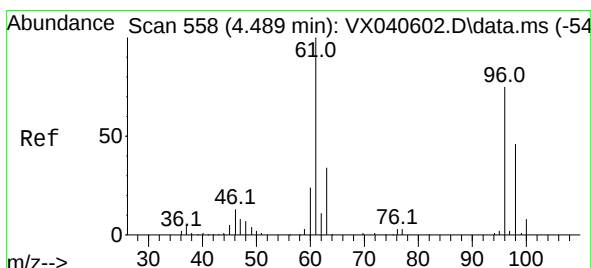
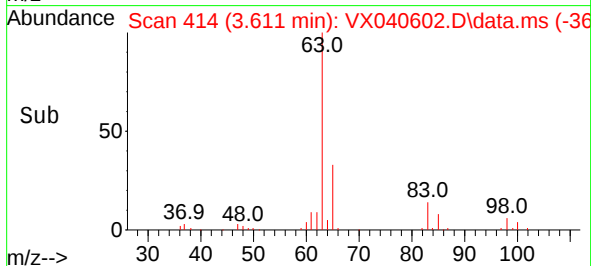
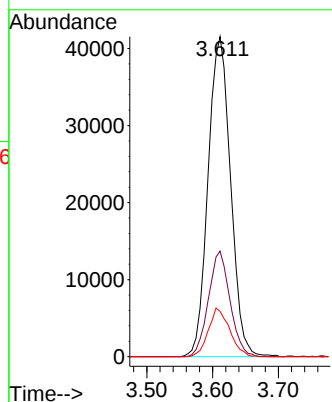
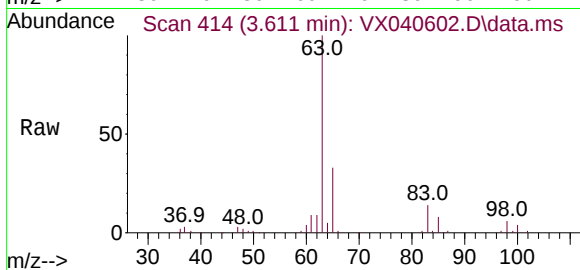
Tgt Ion: 63 Resp: 98918

Ion Ratio Lower Upper

63 100

65 33.0 23.1 42.9

83 14.2 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 47.683 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

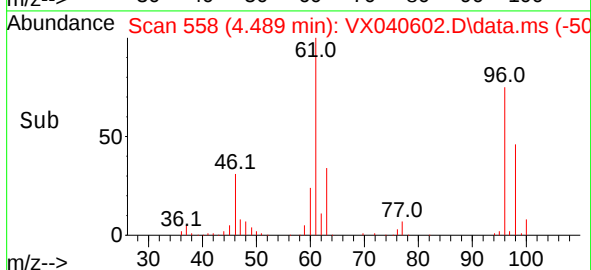
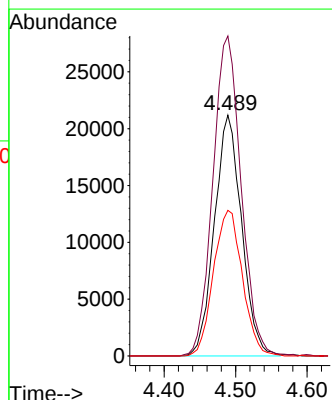
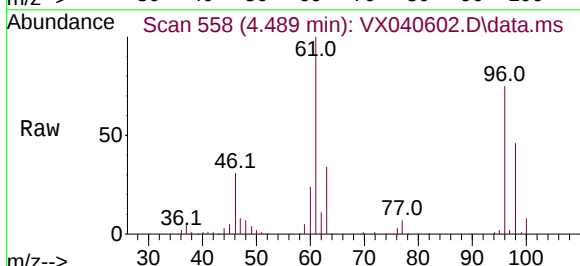
Tgt Ion: 96 Resp: 55967

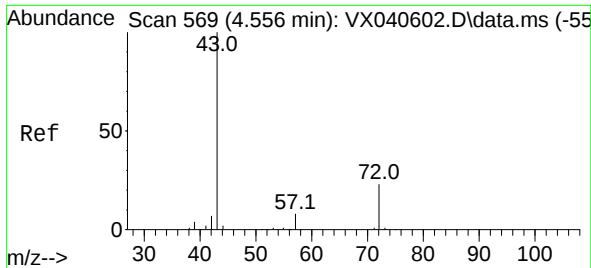
Ion Ratio Lower Upper

96 100

61 132.9 93.0 172.8

98 60.5 42.4 78.6





#22

2-Butanone

Concen: 84.179 ug/L

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

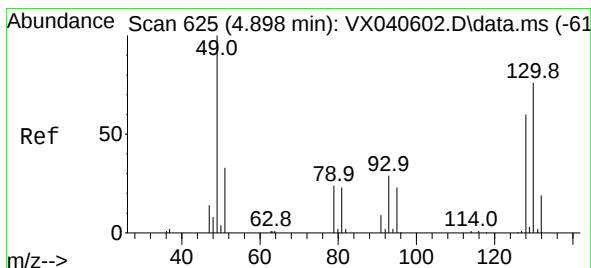
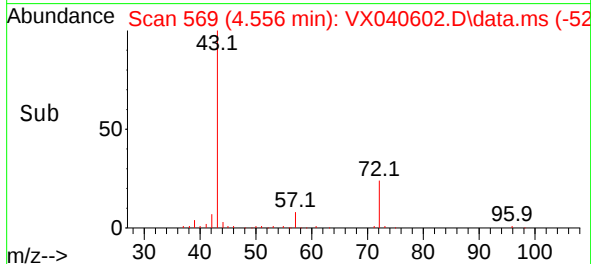
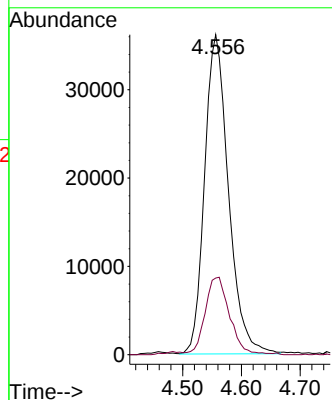
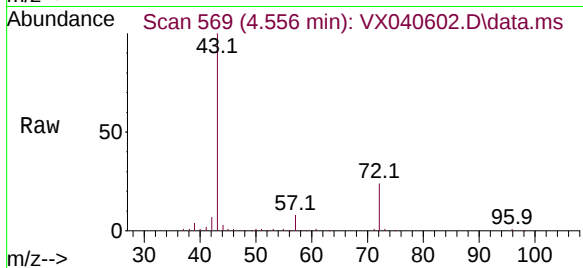
ClientSampleId :

Tgt Ion: 43 Resp: 101992

Ion Ratio Lower Upper

43 100

72 24.8 12.4 37.2



#23

Bromochloromethane

Concen: 50.338 ug/L

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Tgt Ion:128 Resp: 28198

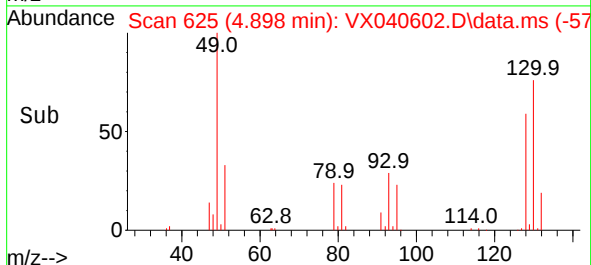
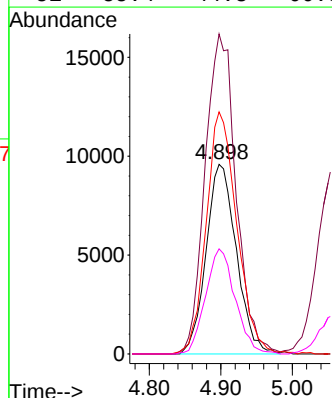
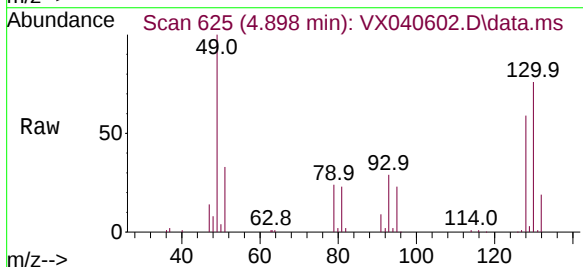
Ion Ratio Lower Upper

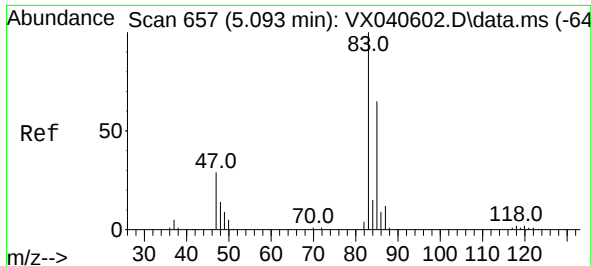
128 100

49 168.7 118.1 219.3

130 127.7 89.4 166.0

51 55.4 44.3 66.5





#25

Chloroform

Concen: 52.994 ug/L

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

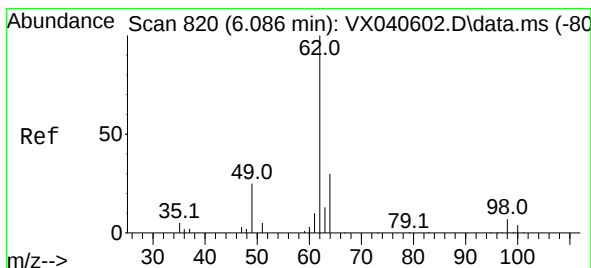
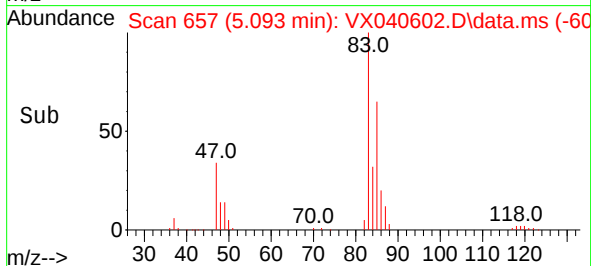
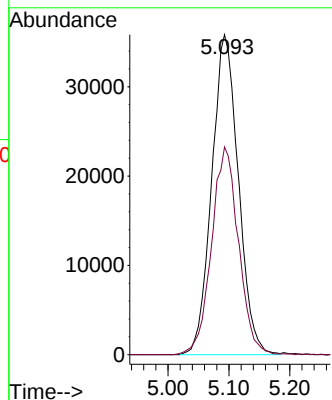
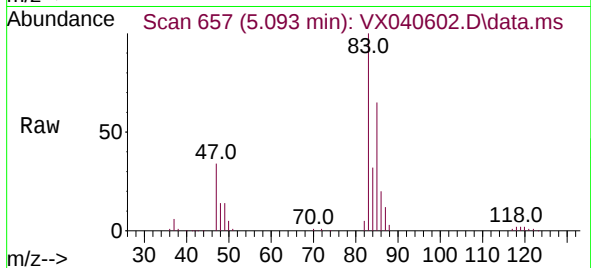
ClientSampleId :

Tgt Ion: 83 Resp: 108838

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 58.306 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX040602.D

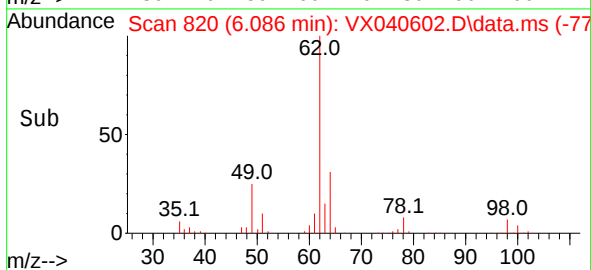
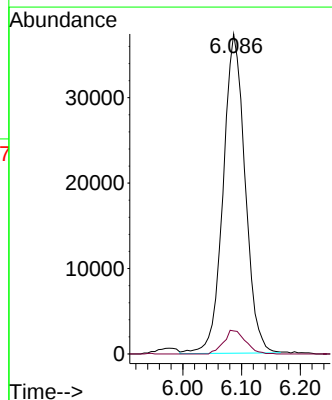
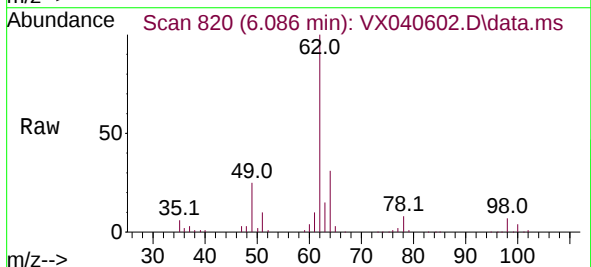
Acq: 06 Mar 2024 13:59

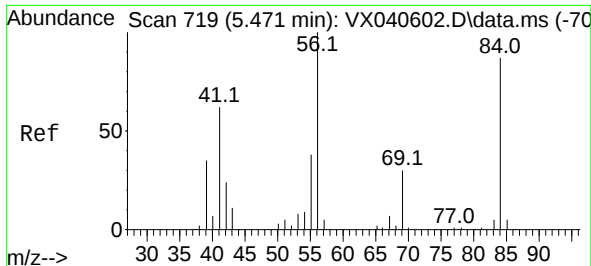
Tgt Ion: 62 Resp: 97148

Ion Ratio Lower Upper

62 100

98 7.2 5.8 8.6





#29

Cyclohexane

Concen: 43.402 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

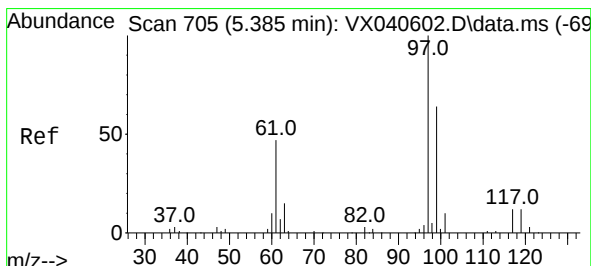
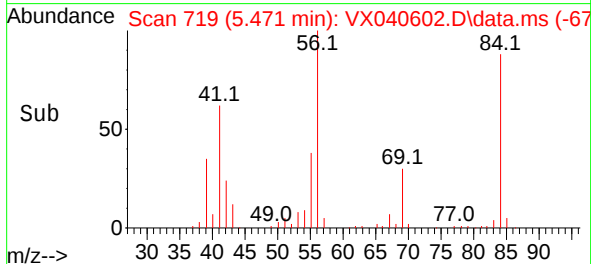
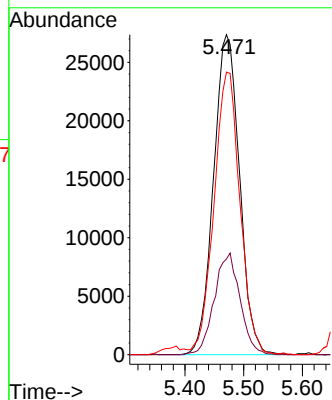
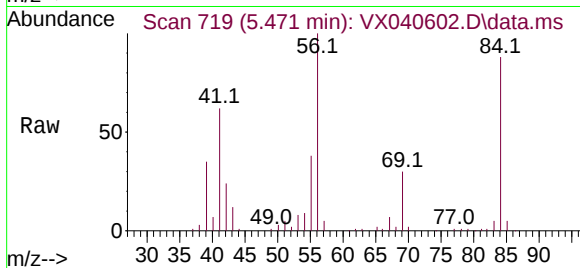
Tgt Ion: 56 Resp: 84254

Ion Ratio Lower Upper

56 100

69 31.2 25.0 37.4

84 88.2 70.6 105.8



#30

1,1,1-Trichloroethane

Concen: 53.651 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

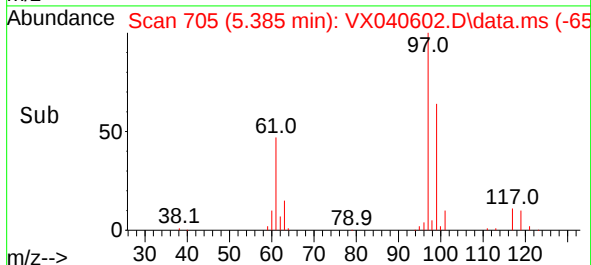
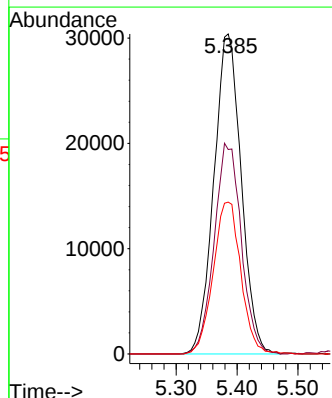
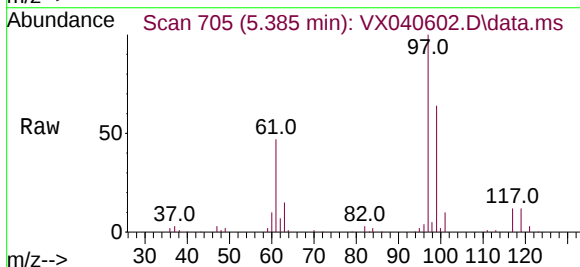
Tgt Ion: 97 Resp: 94840

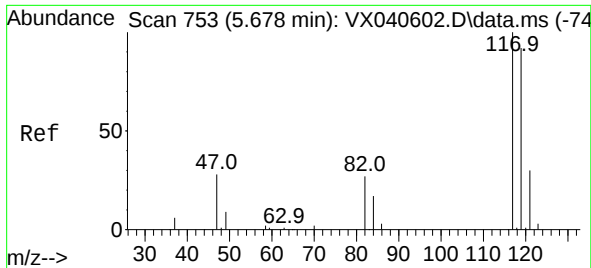
Ion Ratio Lower Upper

97 100

99 65.1 52.1 78.1

61 47.9 38.3 57.5

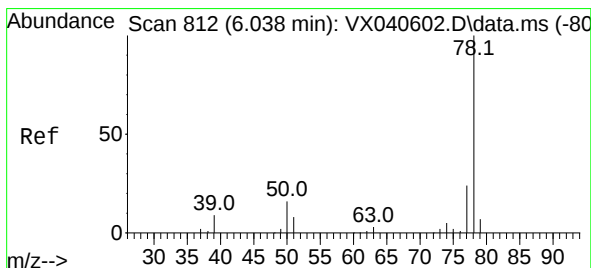
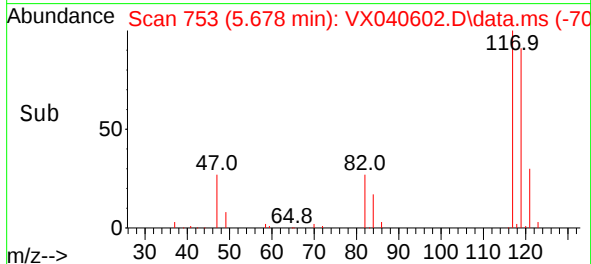
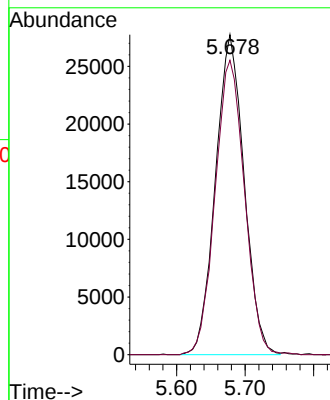
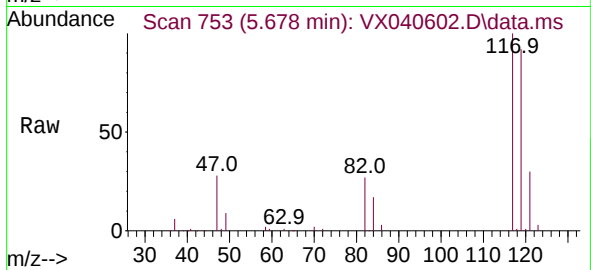




#31
Carbon tetrachloride
Concen: 54.420 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

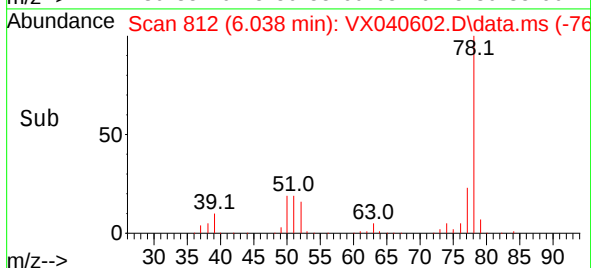
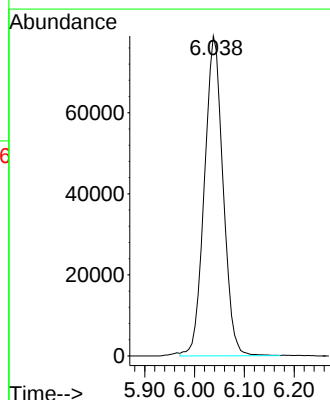
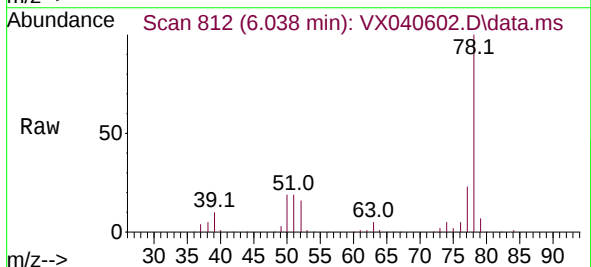
Instrument :
MSVOA_X
ClientSampleId :

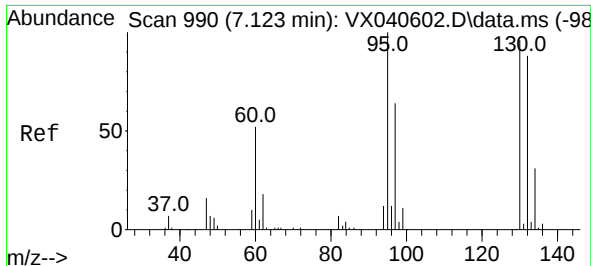
Tgt Ion:117 Resp: 80354
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.2



#33
Benzene
Concen: 45.946 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

Tgt Ion: 78 Resp: 204921

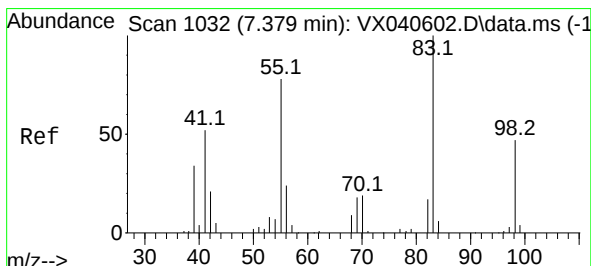
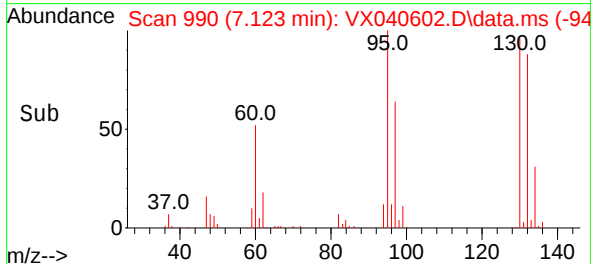
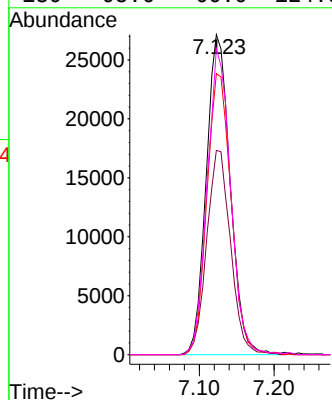
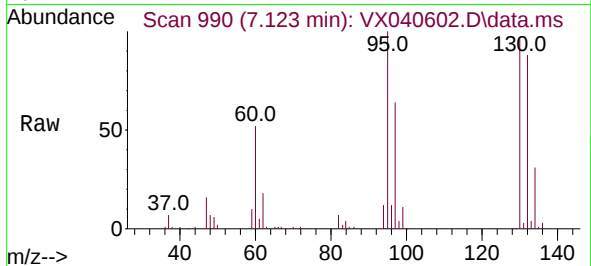




#34
Trichloroethene
Concen: 50.298 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

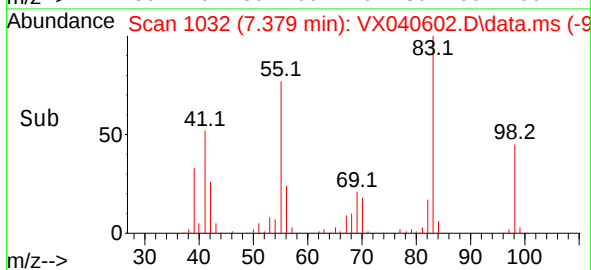
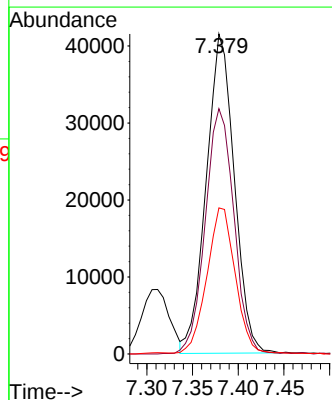
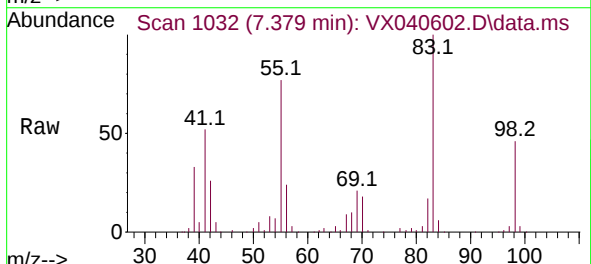
Instrument :
MSVOA_X
ClientSampleId :

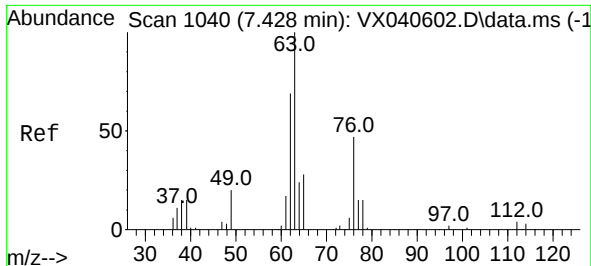
Tgt Ion: 95 Resp: 60543
Ion Ratio Lower Upper
95 100
97 63.9 44.7 83.1
132 87.9 61.5 114.3
130 95.6 66.9 124.3



#35
Methylcyclohexane
Concen: 45.194 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

Tgt Ion: 83 Resp: 88346
Ion Ratio Lower Upper
83 100
55 78.3 62.6 94.0
98 46.8 37.4 56.2

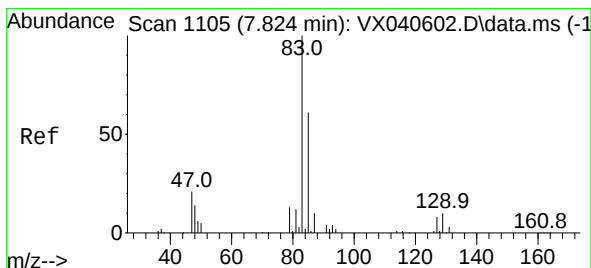
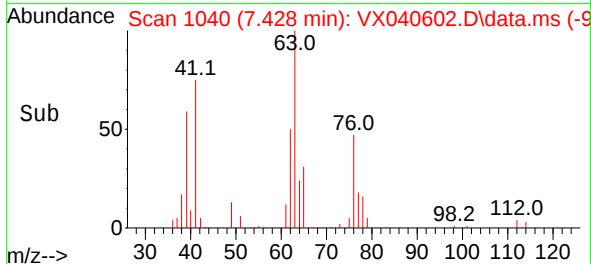
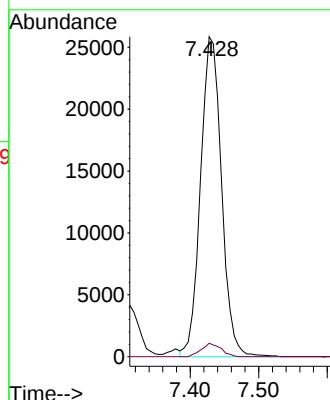
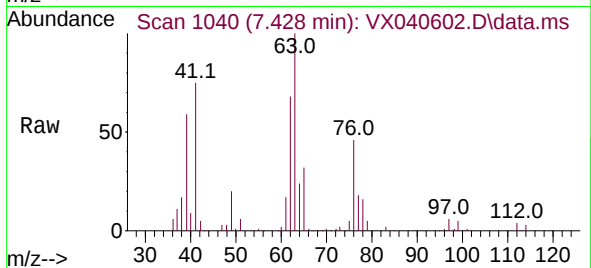




#37
1,2-Dichloropropane
Concen: 44.843 ug/L
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

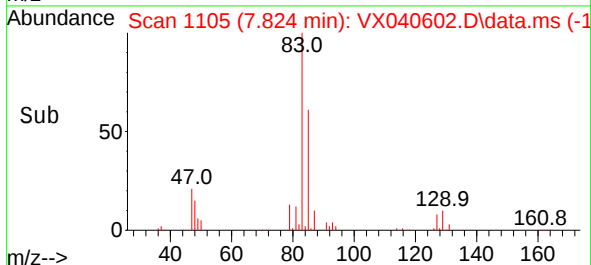
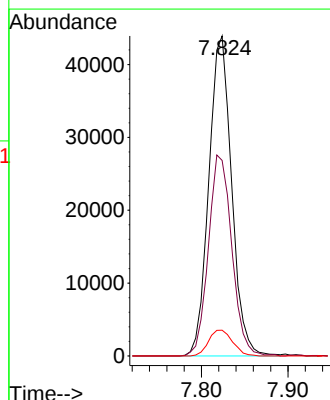
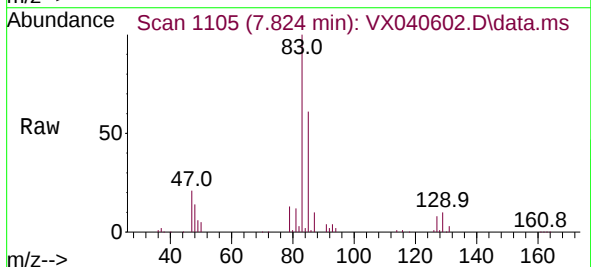
Instrument :
MSVOA_X
ClientSampleId :

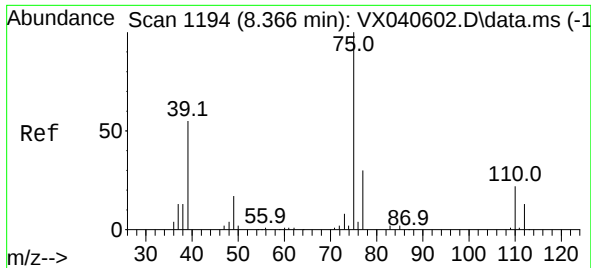
Tgt Ion: 63 Resp: 55069
Ion Ratio Lower Upper
63 100
112 3.9 3.1 4.7



#38
Bromodichloromethane
Concen: 51.958 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

Tgt Ion: 83 Resp: 80434
Ion Ratio Lower Upper
83 100
85 61.1 42.8 79.4
127 8.1 6.5 9.7

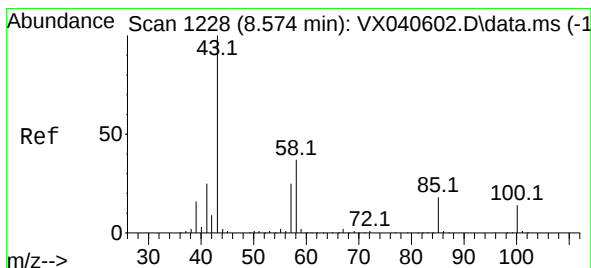
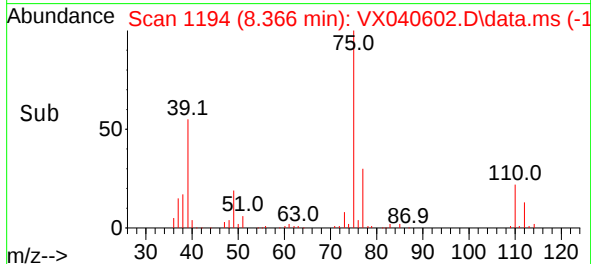
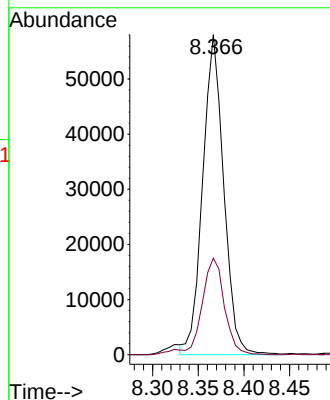
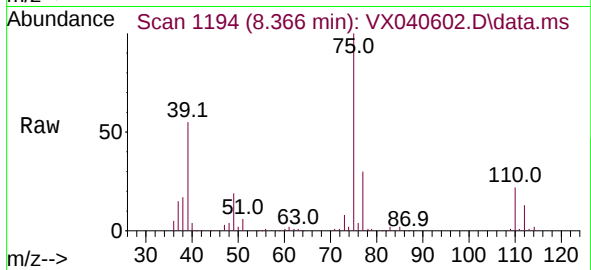




#39
 cis-1,3-Dichloropropene
 Concen: 46.829 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040602.D
 Acq: 06 Mar 2024 13:59

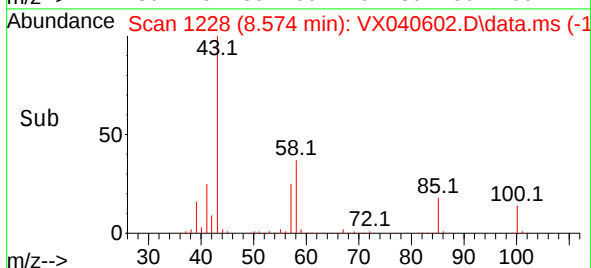
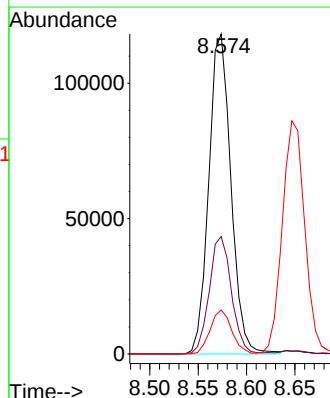
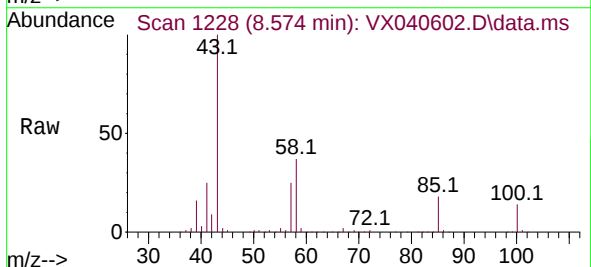
Instrument :
 MSVOA_X
 ClientSampleId :

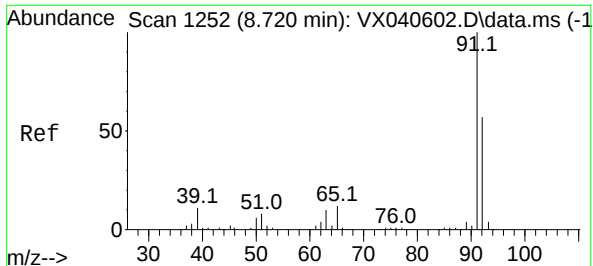
Tgt Ion: 75 Resp: 92690
 Ion Ratio Lower Upper
 75 100
 77 30.2 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 91.288 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.000 min
 Lab File: VX040602.D
 Acq: 06 Mar 2024 13:59

Tgt Ion: 43 Resp: 188592
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.3 43.9
 100 13.4 10.7 16.1





#42

Toluene

Concen: 47.749 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

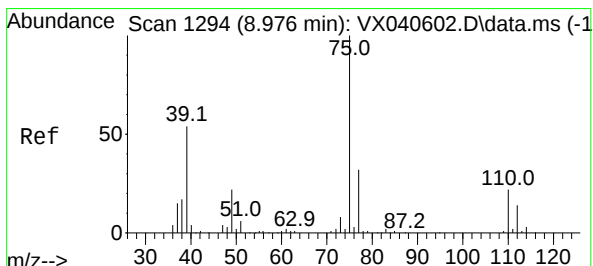
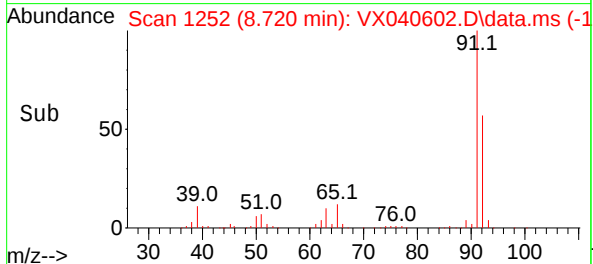
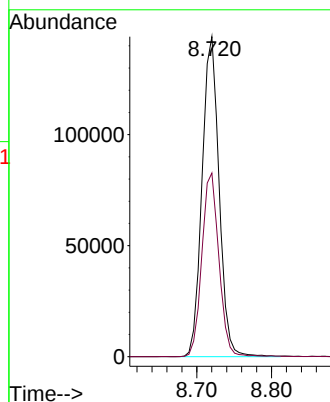
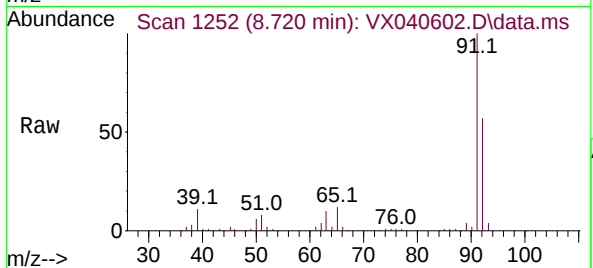
ClientSampleId :

Tgt Ion: 91 Resp: 227911

Ion Ratio Lower Upper

91 100

92 57.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 48.468 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX040602.D

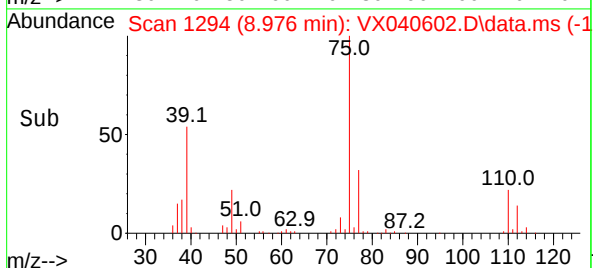
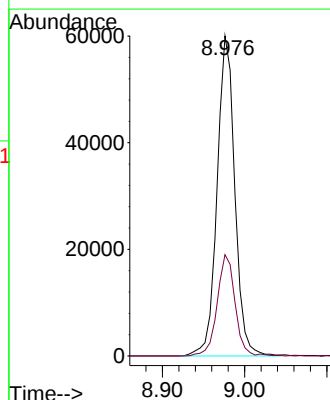
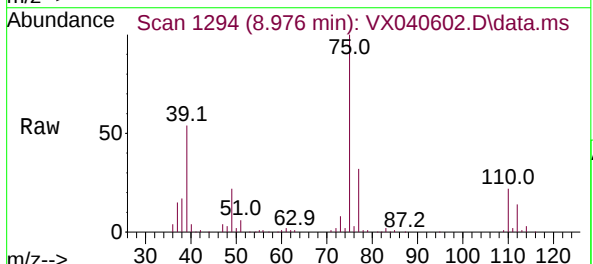
Acq: 06 Mar 2024 13:59

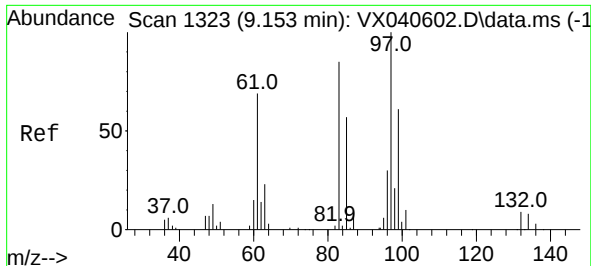
Tgt Ion: 75 Resp: 89736

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1

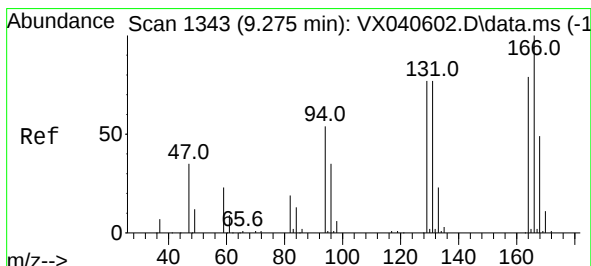
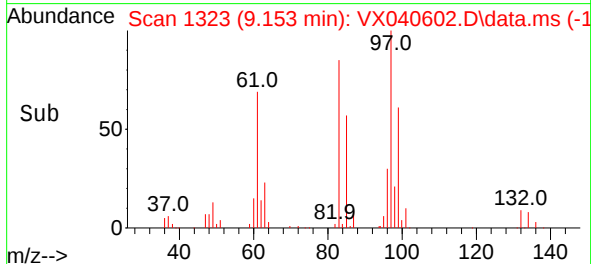
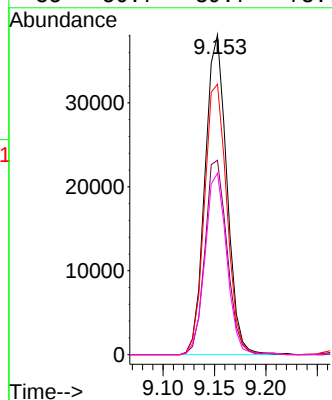
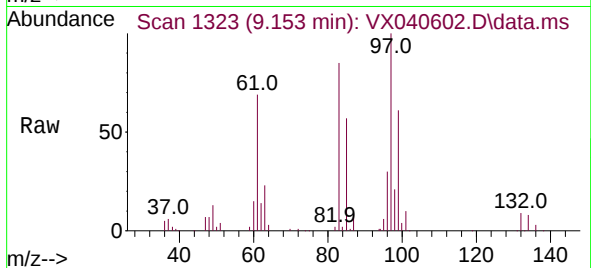




#45
1,1,2-Trichloroethane
Concen: 48.975 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

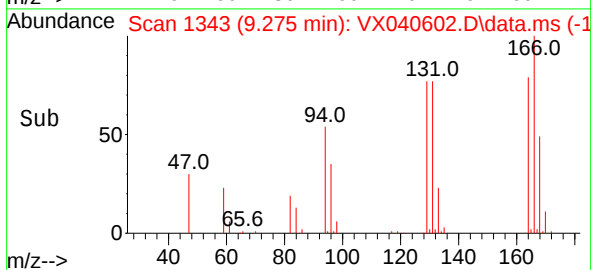
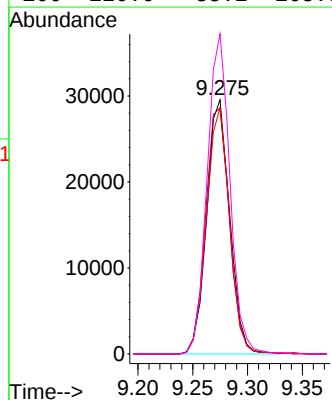
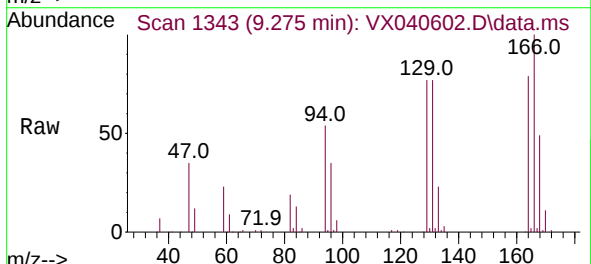
Instrument :
MSVOA_X
ClientSampleId :

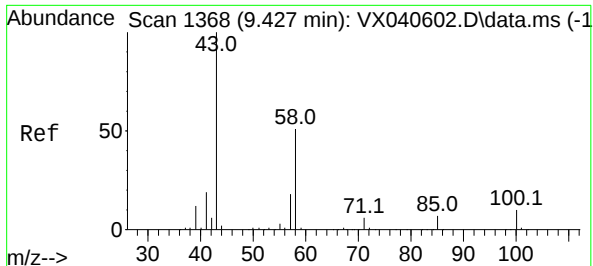
Tgt Ion:	97	Resp:	56388
Ion	Ratio	Lower	Upper
97	100		
99	60.8	42.6	79.0
83	84.6	59.2	110.0
85	56.7	39.7	73.7



#46
Tetrachloroethene
Concen: 53.439 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

Tgt Ion:	164	Resp:	43168
Ion	Ratio	Lower	Upper
164	100		
129	96.9	67.8	126.0
131	96.9	67.8	126.0
166	126.0	88.2	163.8

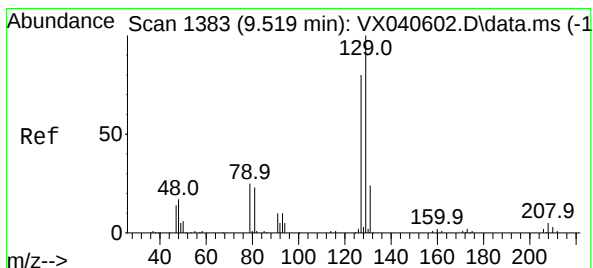
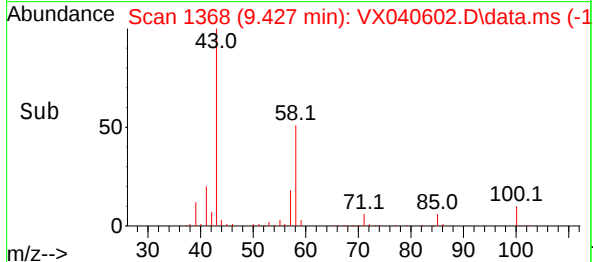
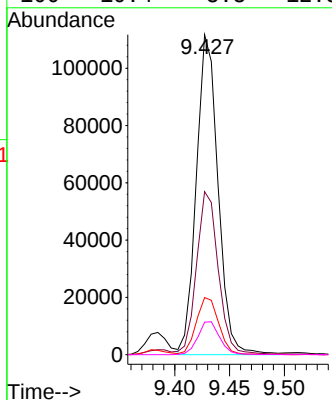
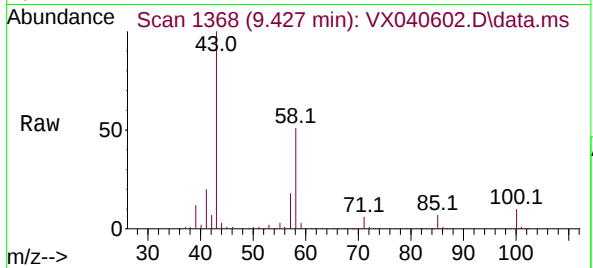




#48
2-Hexanone
Concen: 89.871 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

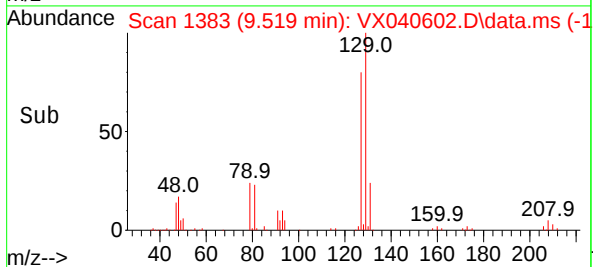
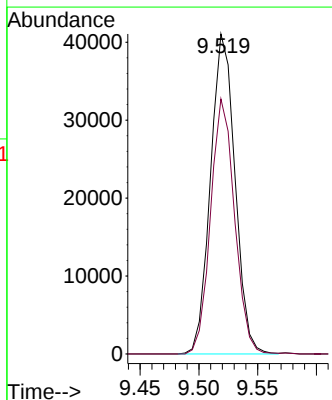
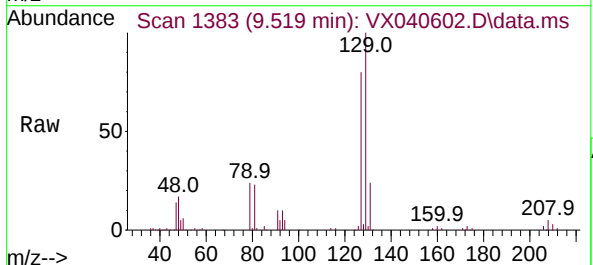
Instrument :
MSVOA_X
ClientSampleId :

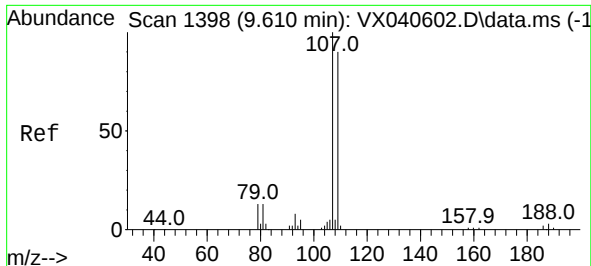
Tgt Ion: 43 Resp: 154411
Ion Ratio Lower Upper
43 100
58 51.3 41.0 61.6
57 18.5 14.8 22.2
100 10.4 8.3 12.5



#49
Dibromochloromethane
Concen: 52.367 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

Tgt Ion:129 Resp: 59504
Ion Ratio Lower Upper
129 100
127 79.7 55.8 103.6





#50

1,2-Dibromoethane

Concen: 49.351 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX040602.D

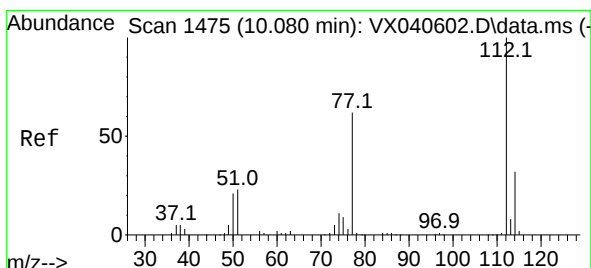
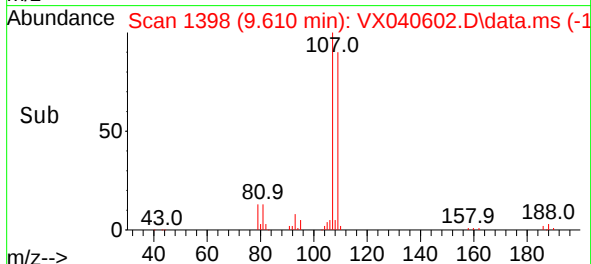
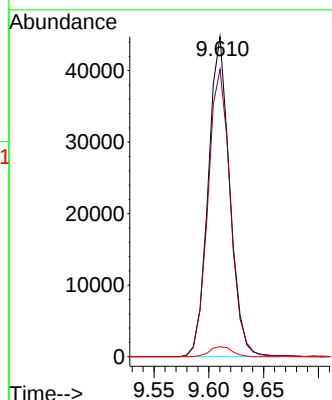
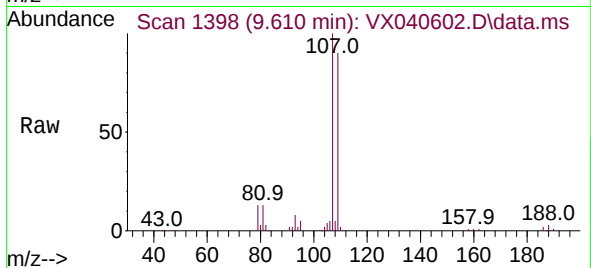
Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	60954
Ion Ratio	Lower	Upper
107	100	
109	89.8	62.9 116.7
188	3.1	2.5 3.7



#51

Chlorobenzene

Concen: 48.623 ug/L

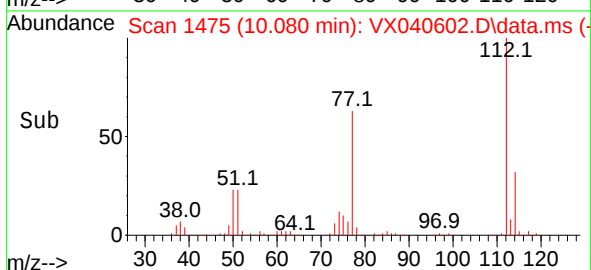
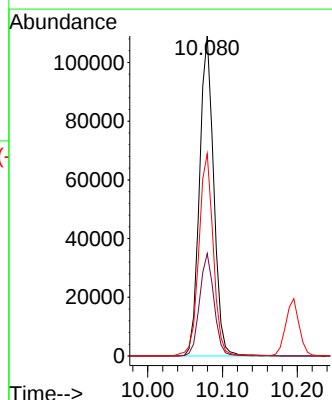
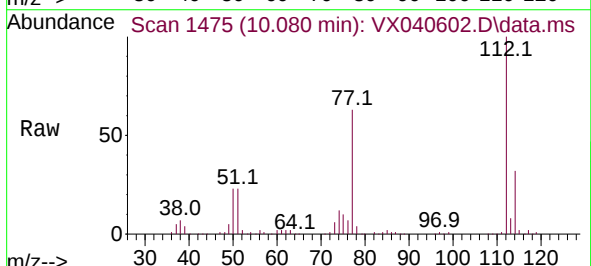
RT: 10.080 min Scan# 1475

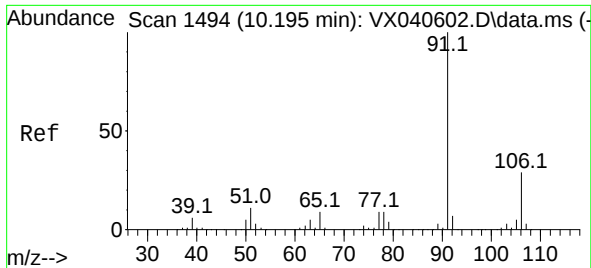
Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Tgt Ion:112	Resp:	144064
Ion Ratio	Lower	Upper
112	100	
114	32.0	22.4 41.6
77	63.2	50.6 75.8





#52

Ethylbenzene

Concen: 49.280 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

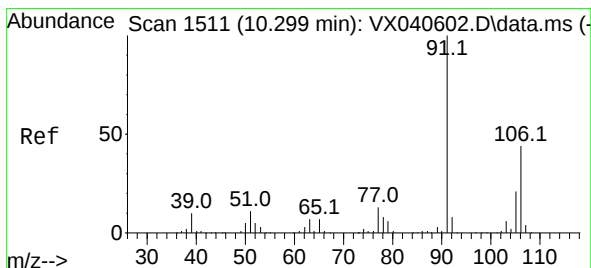
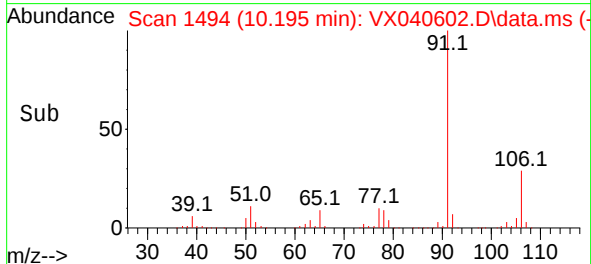
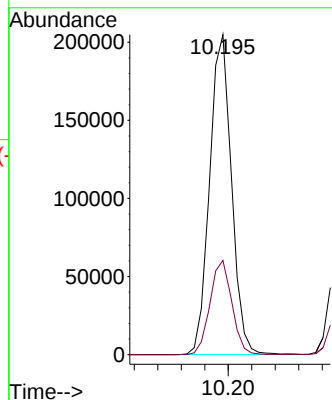
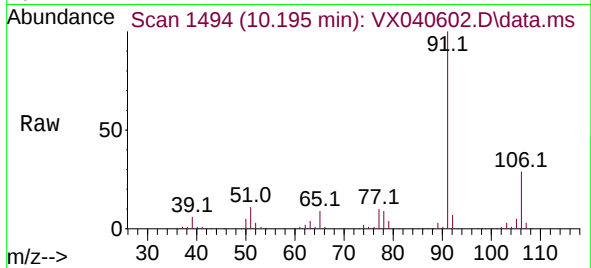
ClientSampleId :

Tgt Ion: 91 Resp: 264753

Ion Ratio Lower Upper

91 100

106 29.5 20.6 38.4



#53

m,p-Xylene

Concen: 48.048 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040602.D

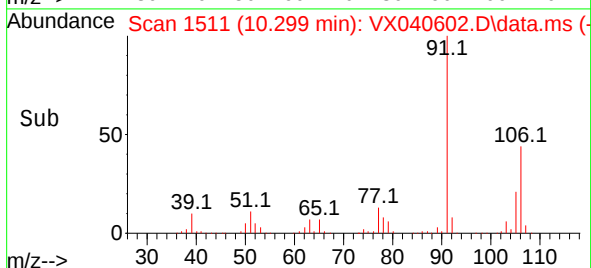
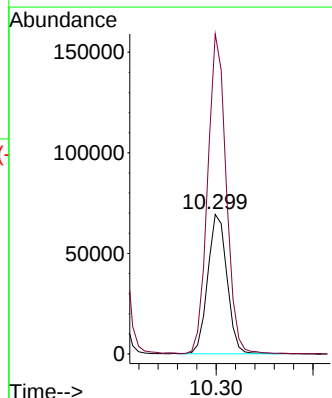
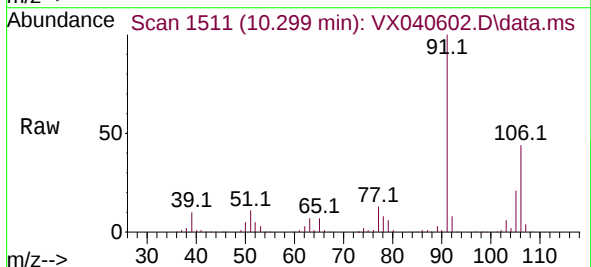
Acq: 06 Mar 2024 13:59

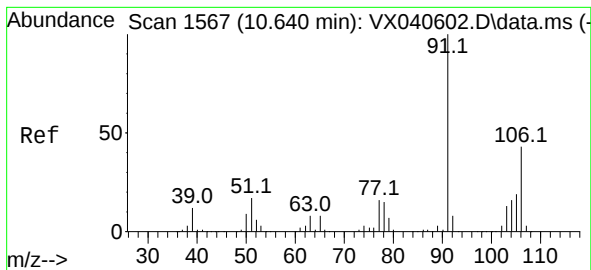
Tgt Ion:106 Resp: 95894

Ion Ratio Lower Upper

106 100

91 229.2 160.4 298.0





#54

o-Xylene

Concen: 48.512 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

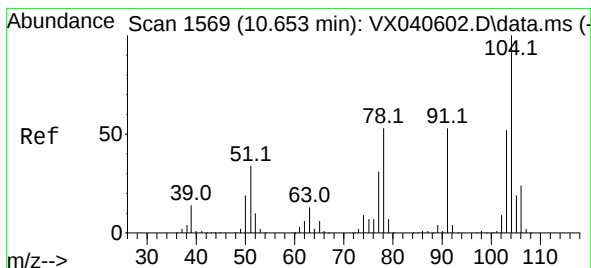
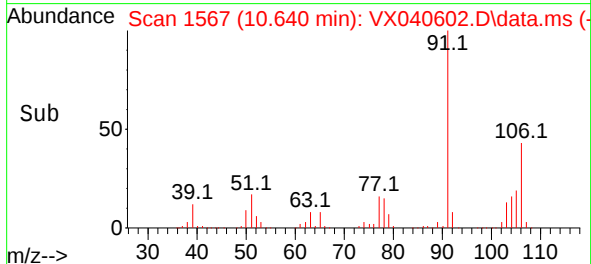
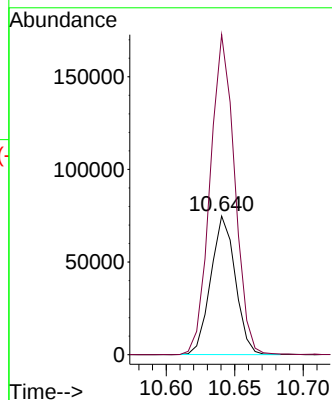
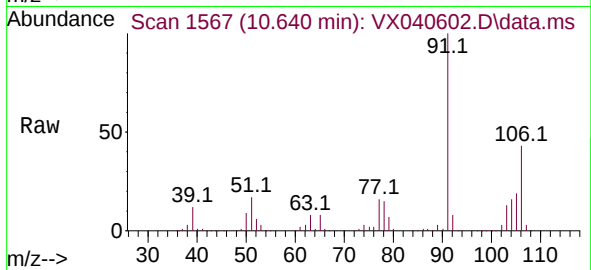
ClientSampleId :

Tgt Ion:106 Resp: 92955

Ion Ratio Lower Upper

106 100

91 231.0 161.7 300.3



#55

Styrene

Concen: 49.387 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX040602.D

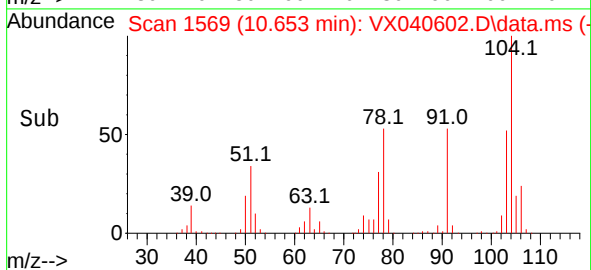
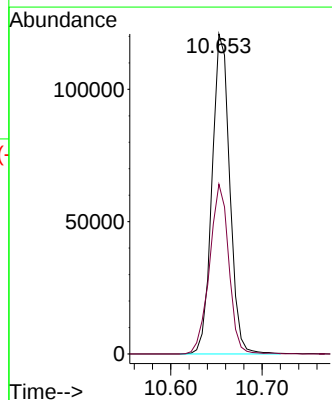
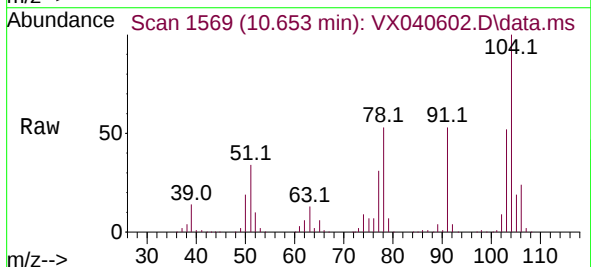
Acq: 06 Mar 2024 13:59

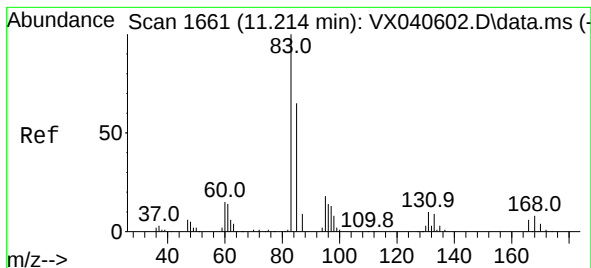
Tgt Ion:104 Resp: 162447

Ion Ratio Lower Upper

104 100

78 53.1 37.2 69.0





#57

1,1,2,2-Tetrachloroethane

Concen: 46.191 ug/L

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

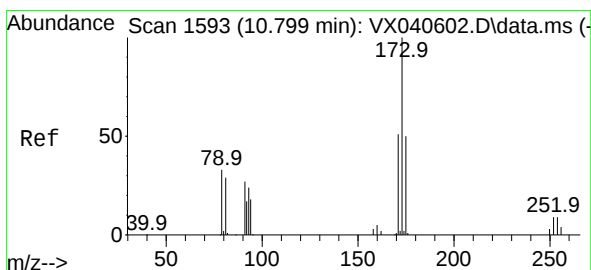
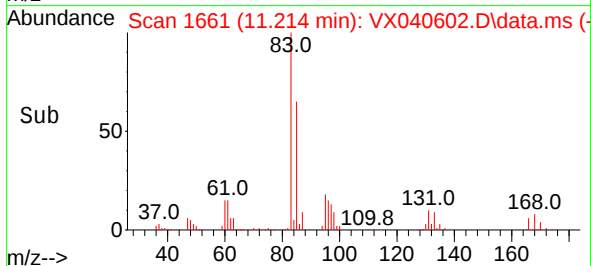
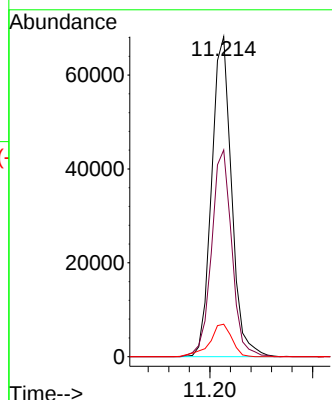
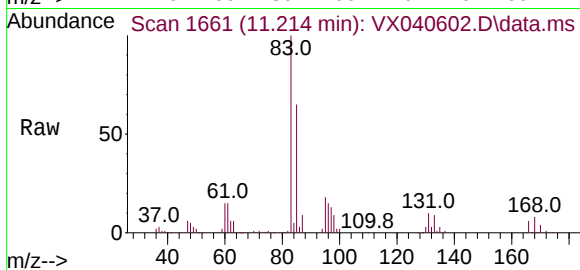
Tgt Ion: 83 Resp: 91668

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0

131 10.2 8.2 12.2



#59

Bromoform

Concen: 55.313 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

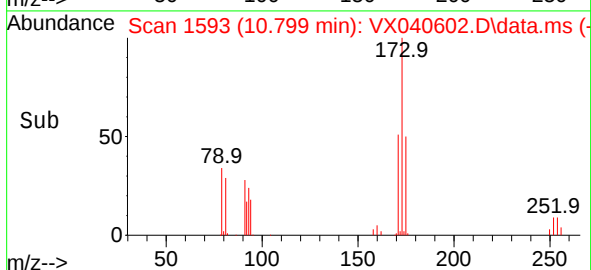
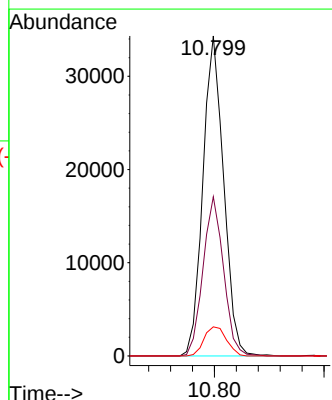
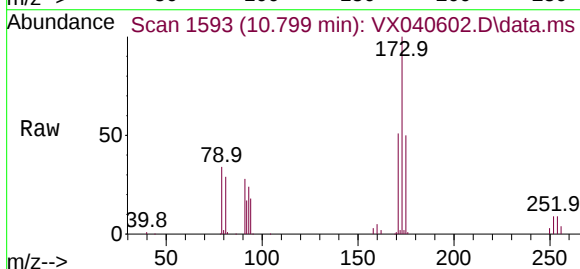
Tgt Ion:173 Resp: 45110

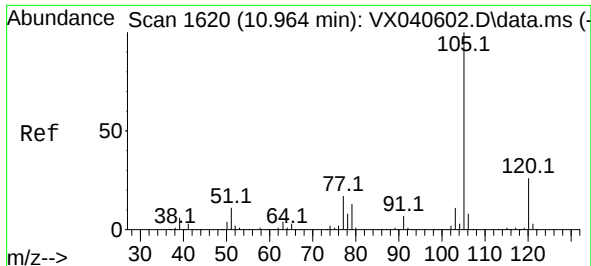
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

254 9.9 7.9 11.9





#60

Isopropylbenzene

Concen: 52.976 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

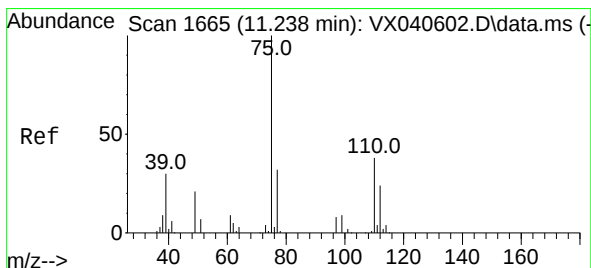
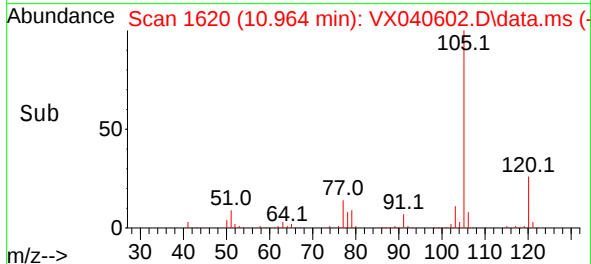
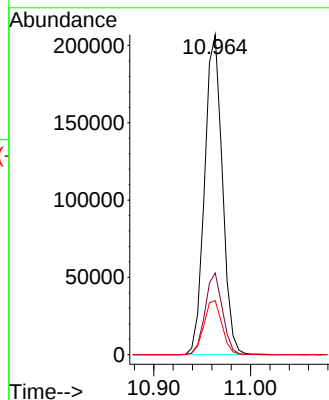
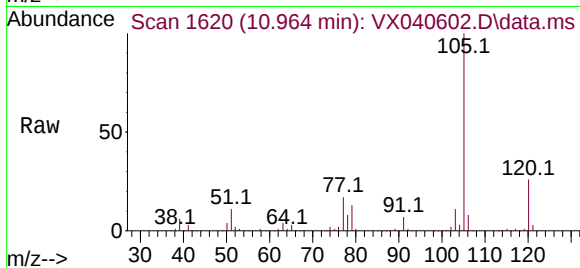
Tgt Ion:105 Resp: 264306

Ion Ratio Lower Upper

105 100

120 25.1 20.1 30.1

77 17.4 13.9 20.9



#61

1,2,3-Trichloropropane

Concen: 51.506 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

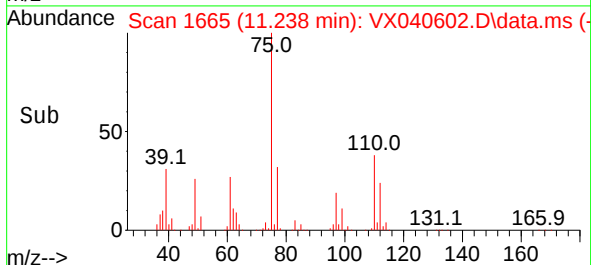
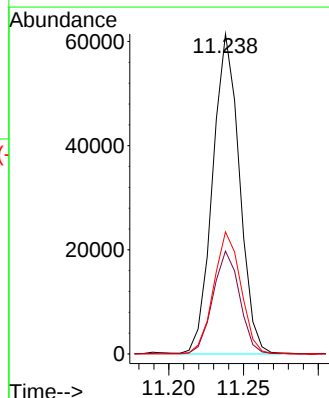
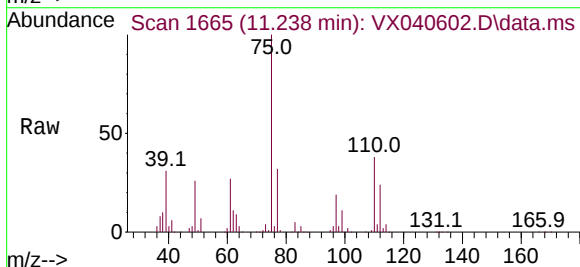
Tgt Ion: 75 Resp: 76734

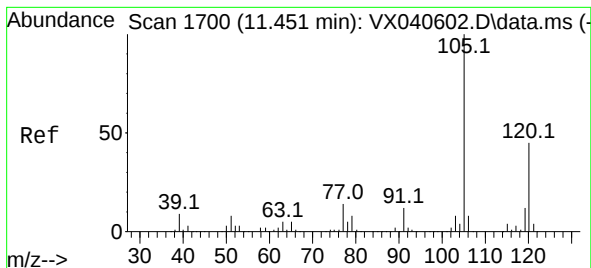
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

110 38.7 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 52.473 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

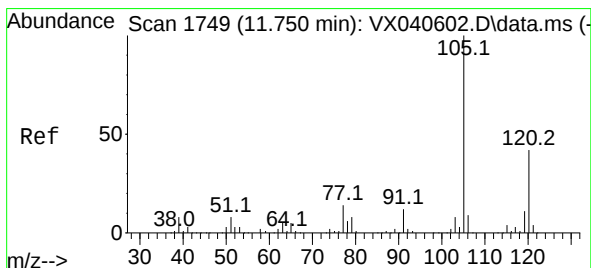
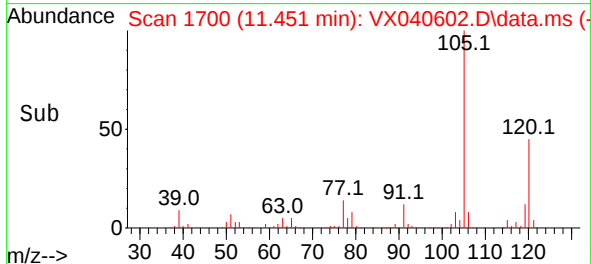
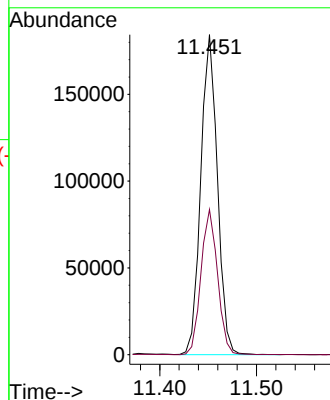
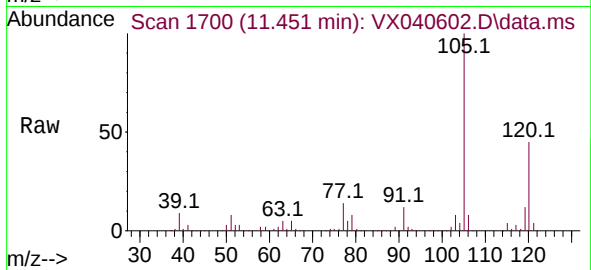
ClientSampleId :

Tgt Ion:105 Resp: 220827

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 53.257 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040602.D

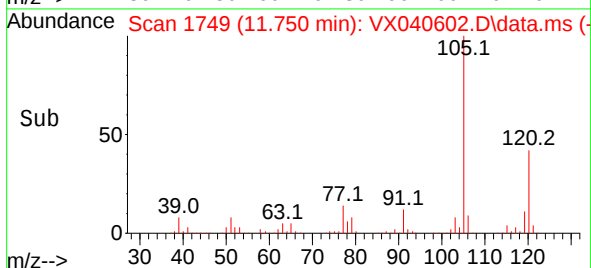
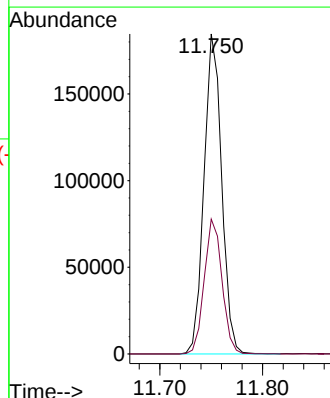
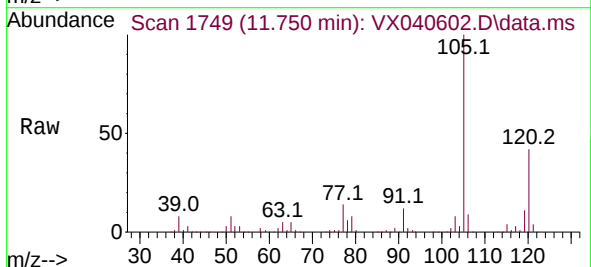
Acq: 06 Mar 2024 13:59

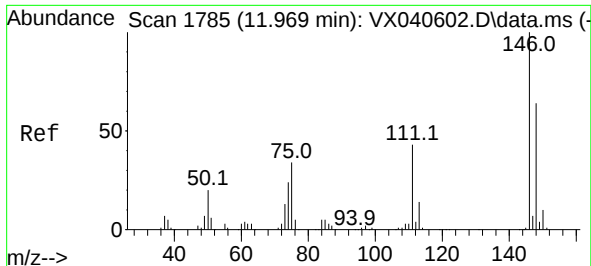
Tgt Ion:105 Resp: 220819

Ion Ratio Lower Upper

105 100

120 42.4 33.9 50.9

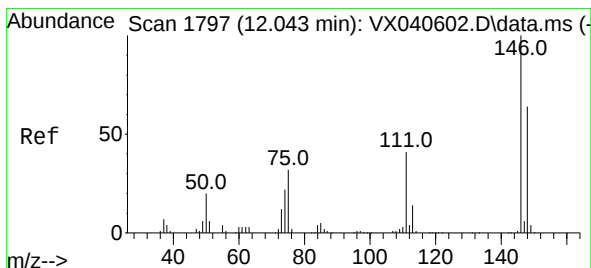
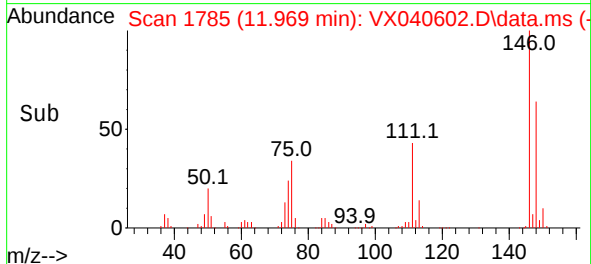
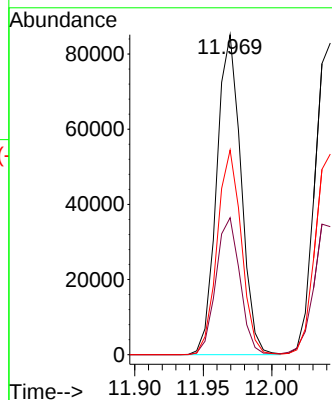
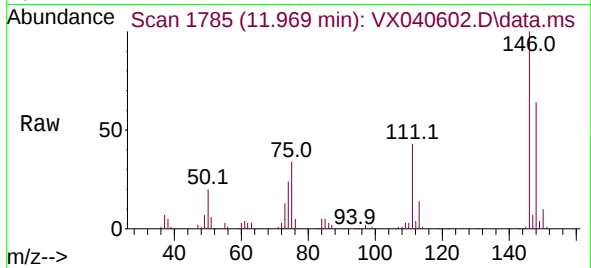




#64
1,3-Dichlorobenzene
Concen: 49.865 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

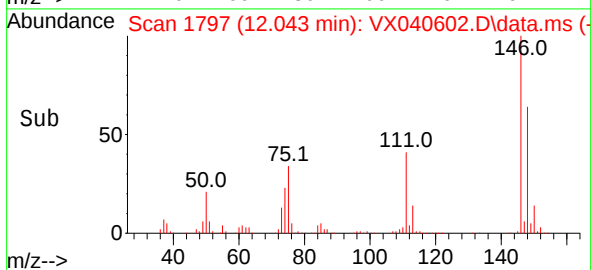
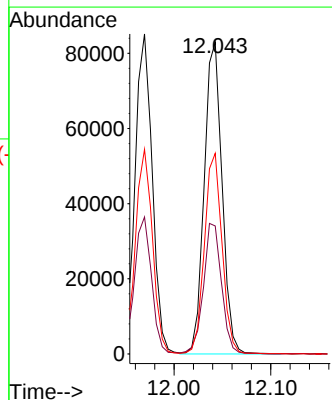
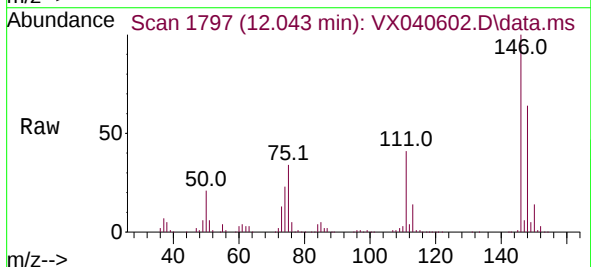
Instrument :
MSVOA_X
ClientSampleId :

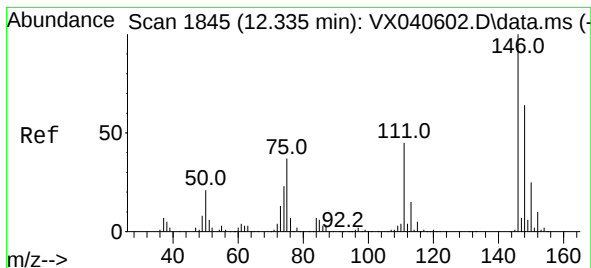
Tgt Ion:146 Resp: 105006
Ion Ratio Lower Upper
146 100
111 42.8 30.0 55.6
148 64.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 49.746 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

Tgt Ion:146 Resp: 106725
Ion Ratio Lower Upper
146 100
111 41.1 28.8 53.4
148 64.4 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 51.062 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

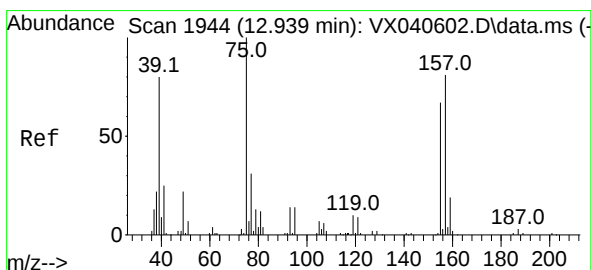
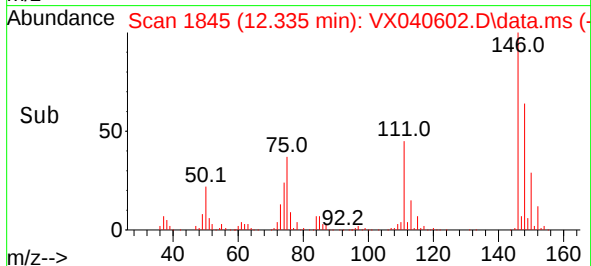
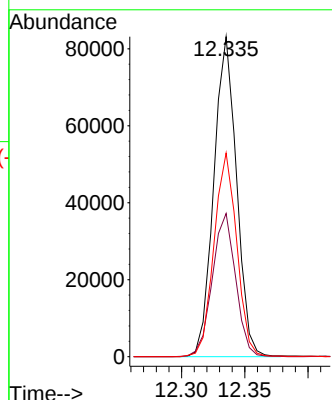
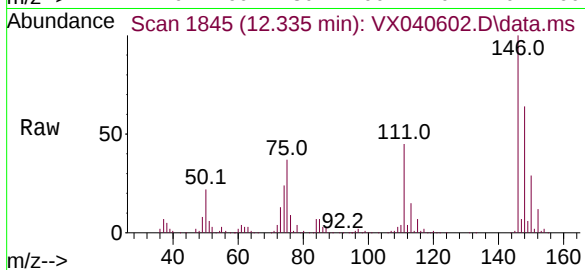
Tgt Ion:146 Resp: 103803

Ion Ratio Lower Upper

146 100

111 44.8 35.8 53.8

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 48.145 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

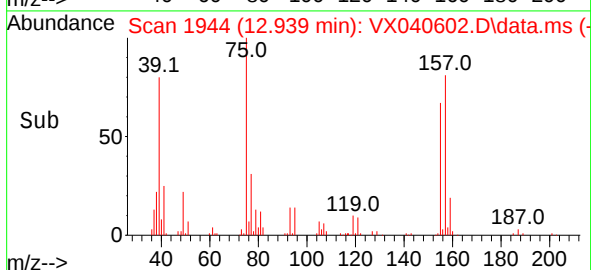
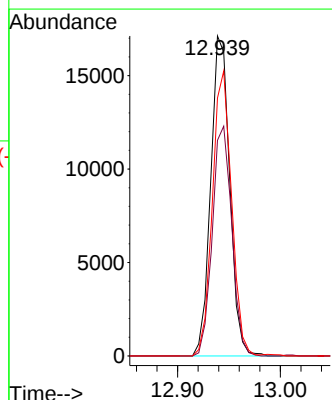
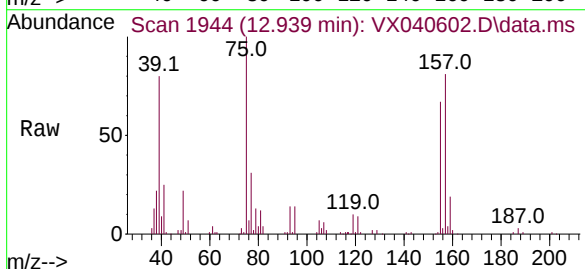
Tgt Ion: 75 Resp: 21981

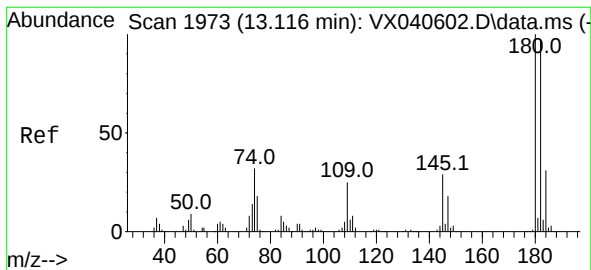
Ion Ratio Lower Upper

75 100

155 67.4 53.9 80.9

157 80.6 64.5 96.7





#69

1,3,5-Trichlorobenzene

Concen: 53.894 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 76480

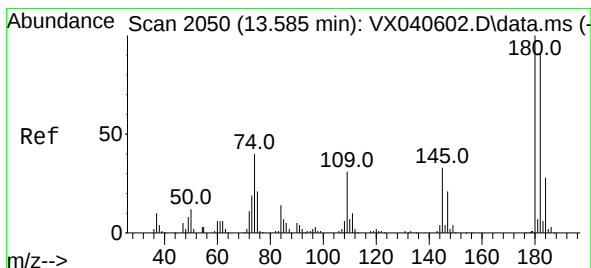
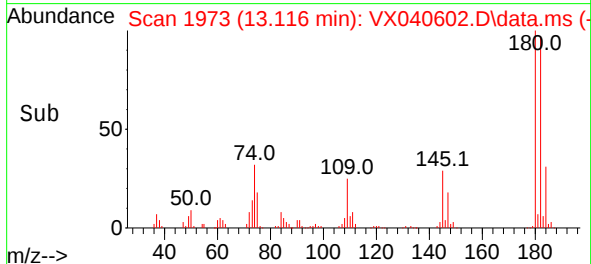
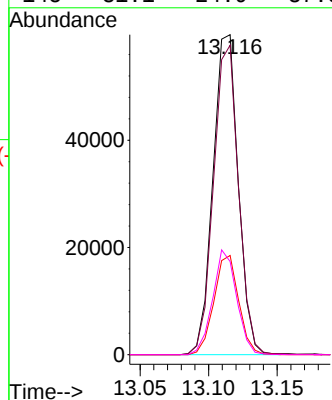
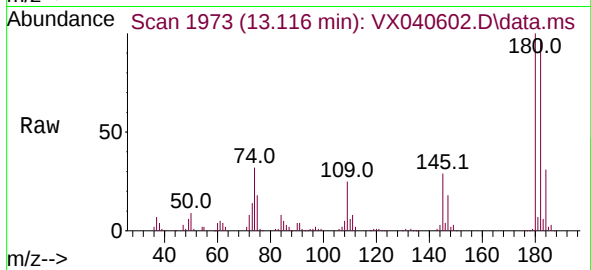
Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

184 30.4 24.3 36.5

145 31.1 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 55.034 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040602.D

Acq: 06 Mar 2024 13:59

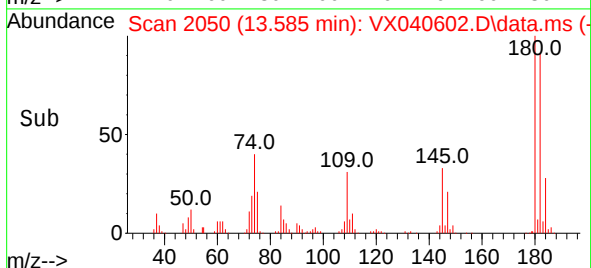
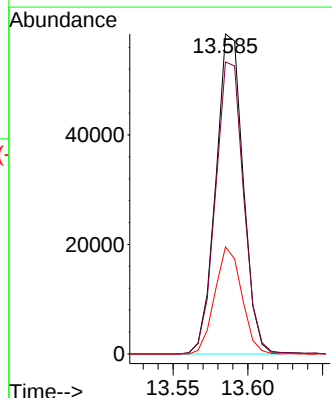
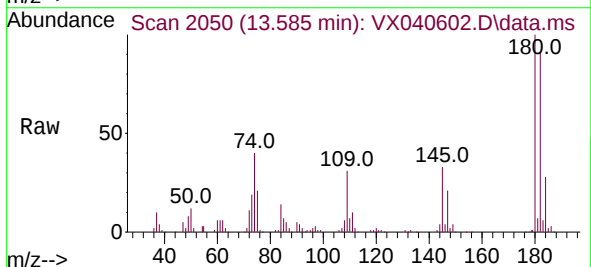
Tgt Ion:180 Resp: 74341

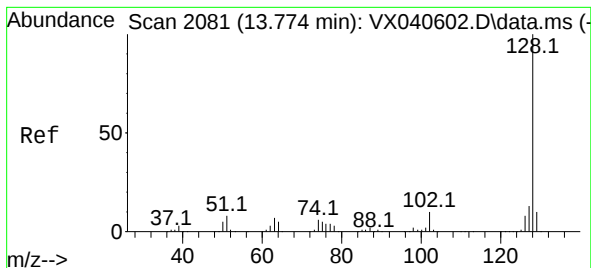
Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

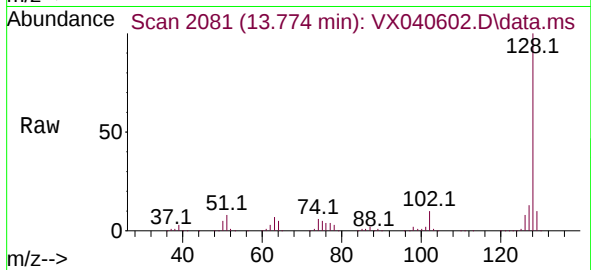
145 32.8 26.2 39.4



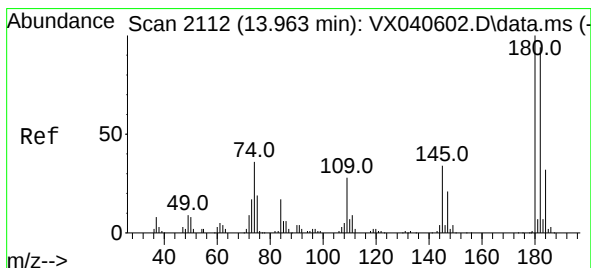
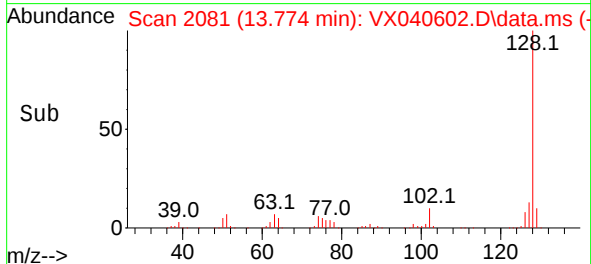
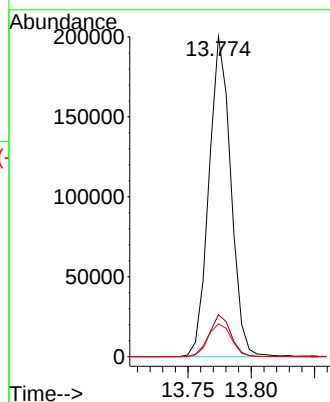


#71
Naphthalene
Concen: 52.711 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 240603
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 55.641 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040602.D
Acq: 06 Mar 2024 13:59

Tgt Ion:180 Resp: 72892
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 34.8 27.8 41.8

