

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040664.D
 Acq On : 15 Mar 2024 19:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 02:56:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 01:57:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	159972	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	150142	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	69230	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	56539	40.319	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.640%
7) Chloroethane-d5	1.666	69	48871	43.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.300%
11) 1,1-Dichloroethene-d2	2.307	65	24720	38.294	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.580%
21) 2-Butanone-d5	4.453	46	99947	92.881	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.880%
24) Chloroform-d	5.056	84	119761	45.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.980%
26) 1,2-Dichloroethane-d4	5.952	65	86744	44.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.240%
32) Benzene-d6	5.977	84	196791	42.722	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.440%
36) 1,2-Dichloropropane-d6	7.306	67	64936	45.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.980%
41) Toluene-d8	8.647	98	178952	40.312	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.620%
43) trans-1,3-Dichloroprop...	8.946	79	33356	43.900	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.800%
47) 2-Hexanone-d5	9.385	63	73668	93.520	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.520%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	102740	48.066	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.140%
66) 1,2-Dichlorobenzene-d4	12.317	152	66704	46.003	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	65888	46.145	ug/L	98
3) Chloromethane	1.295	50	62913	50.686	ug/L	100
5) Vinyl chloride	1.374	62	68793	51.230	ug/L	97
6) Bromomethane	1.605	94	45390	63.669	ug/L	99
8) Chloroethane	1.685	64	42139	54.728	ug/L	94
9) Trichlorofluoromethane	1.886	101	90792	48.591	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	48639	43.887	ug/L	99
12) 1,1-Dichloroethene	2.319	96	46991	48.191	ug/L	99
13) Acetone	2.380	43	59856	77.893	ug/L	97
14) Carbon disulfide	2.514	76	135312	47.957	ug/L	99
15) Methyl Acetate	2.703	43	64749	49.912	ug/L	99
16) Methylene chloride	2.788	84	53584	49.900	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	49568	49.516	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	180539	52.149	ug/L	99
19) 1,1-Dichloroethane	3.611	63	101441	52.153	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	56974	50.757	ug/L	94
22) 2-Butanone	4.556	43	93475	91.865	ug/L	98
23) Bromochloromethane	4.898	128	29228	51.053	ug/L	96
25) Chloroform	5.093	83	110534	50.358	ug/L	98

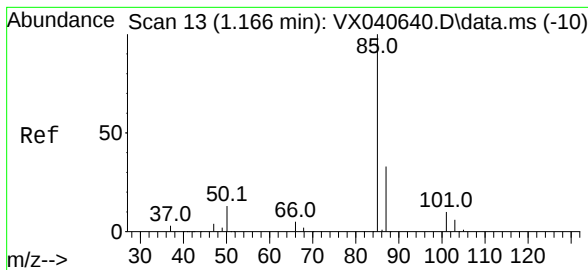
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
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 QLast Update : Sat Mar 16 01:57:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	100768	52.241	ug/L	100
29) Cyclohexane	5.471	56	74751	45.309	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	96371	51.536	ug/L	99
31) Carbon tetrachloride	5.678	117	79346	50.558	ug/L	100
33) Benzene	6.038	78	206377	51.168	ug/L	100
34) Trichloroethene	7.123	95	58734	49.328	ug/L	95
35) Methylcyclohexane	7.379	83	73427	42.199	ug/L	97
37) 1,2-Dichloropropane	7.428	63	56836	53.227	ug/L	100
38) Bromodichloromethane	7.818	83	83720	53.011	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	89126	49.577	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	191004	104.343	ug/L	99
42) Toluene	8.720	91	222635	50.315	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	87519	49.982	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	57109	51.811	ug/L	98
46) Tetrachloroethene	9.275	164	39206	45.860	ug/L	96
48) 2-Hexanone	9.427	43	147157	97.015	ug/L	99
49) Dibromochloromethane	9.519	129	60428	52.467	ug/L	100
50) 1,2-Dibromoethane	9.610	107	62097	52.386	ug/L	93
51) Chlorobenzene	10.080	112	143185	49.947	ug/L	99
52) Ethylbenzene	10.195	91	254377	48.921	ug/L	98
53) m,p-Xylene	10.299	106	91907	48.619	ug/L	93
54) o-Xylene	10.640	106	90391	49.814	ug/L	96
55) Styrene	10.653	104	162706	51.457	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.214	83	94890	52.229	ug/L	98
59) Bromoform	10.799	173	45447	56.599	ug/L	100
60) Isopropylbenzene	10.964	105	247705	53.294	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	77498	56.175	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	186854	48.488	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	188945	49.033	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	101015	49.642	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	103923	50.220	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	102654	53.052	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	21782	53.935	ug/L	94
69) 1,3,5-Trichlorobenzene	13.110	180	68146	49.890	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	64301	50.763	ug/L	96
71) Naphthalene	13.774	128	232273	57.691	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	73432	58.850	ug/L	99

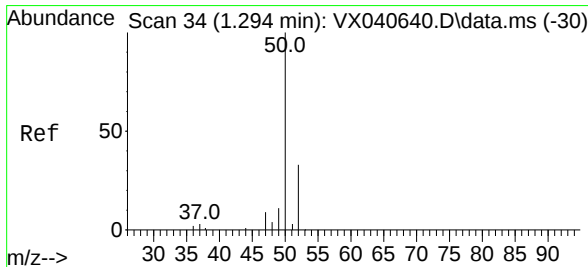
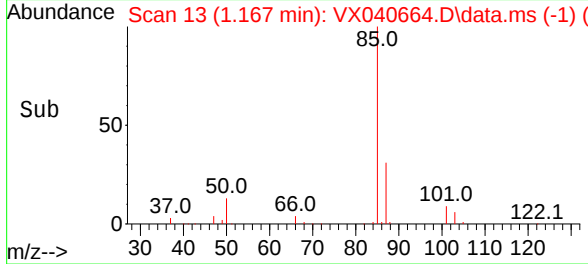
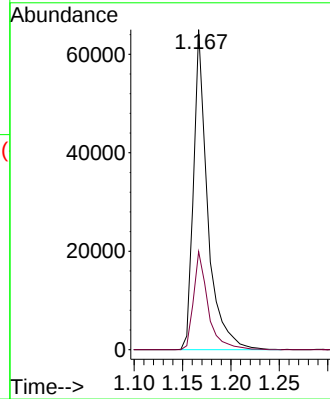
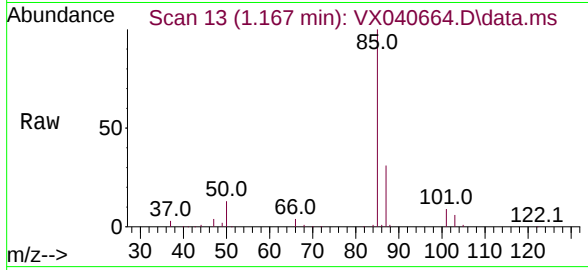
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 46.145 ug/L
 RT: 1.167 min Scan# 14
 Delta R.T. 0.001 min
 Lab File: VX040664.D
 Acq: 15 Mar 2024 19:27

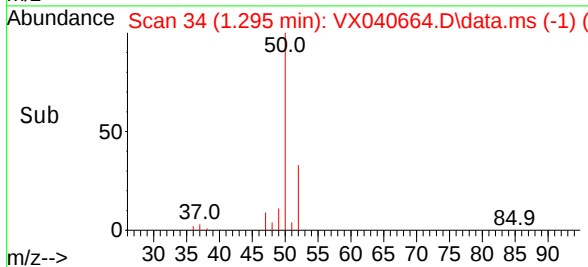
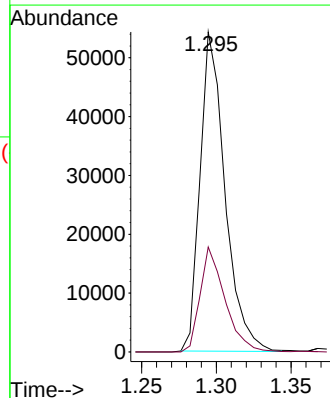
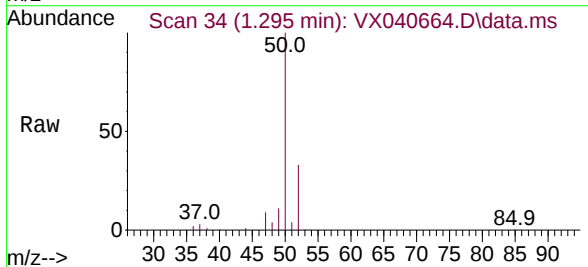
Instrument :
 MSVOA_X
 ClientSampleId :

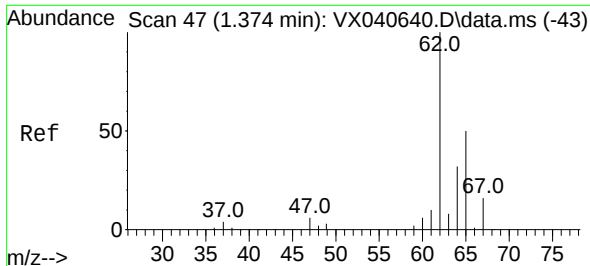
Tgt Ion: 85 Resp: 65888
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.1 39.1



#3
 Chloromethane
 Concen: 50.686 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.001 min
 Lab File: VX040664.D
 Acq: 15 Mar 2024 19:27

Tgt Ion: 50 Resp: 62913
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.1 42.9

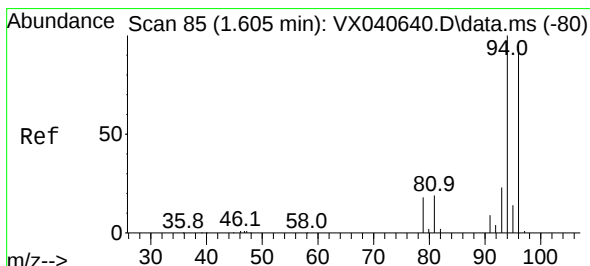
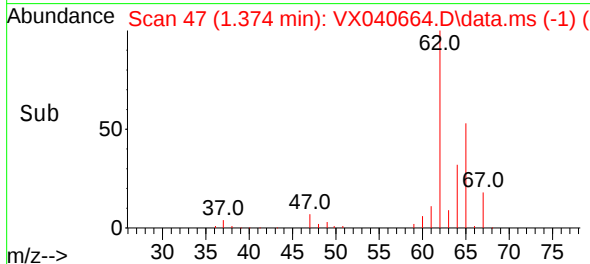
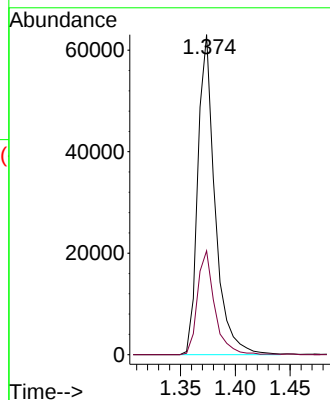
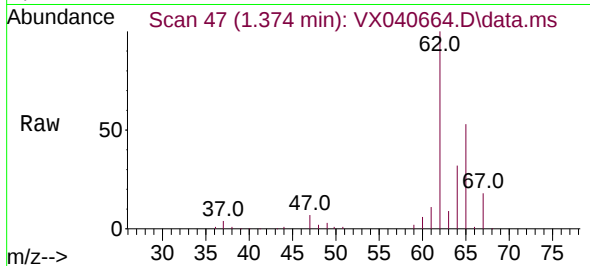




#5
Vinyl chloride
Concen: 51.230 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

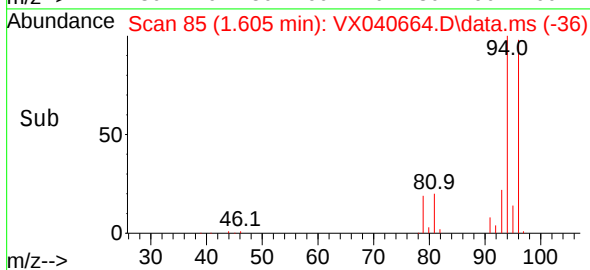
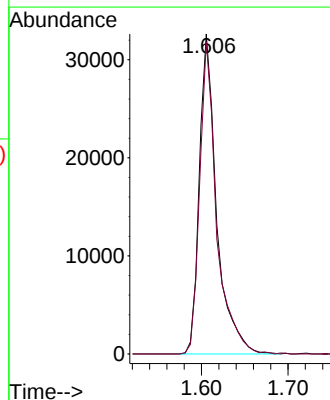
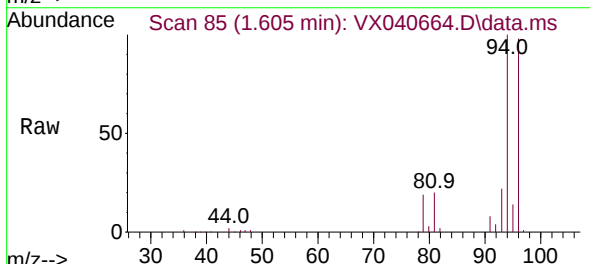
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ClientSampleId :

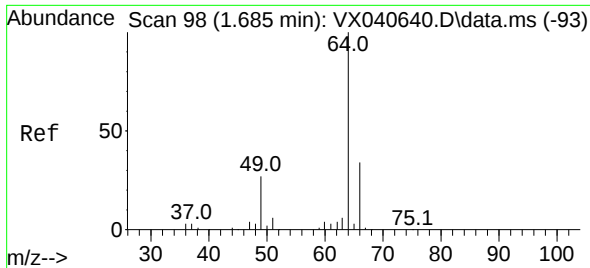
Tgt Ion: 62 Resp: 68793
Ion Ratio Lower Upper
62 100
64 32.5 23.8 44.2



#6
Bromomethane
Concen: 63.669 ug/L
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

Tgt Ion: 94 Resp: 45390
Ion Ratio Lower Upper
94 100
96 97.5 69.0 128.2

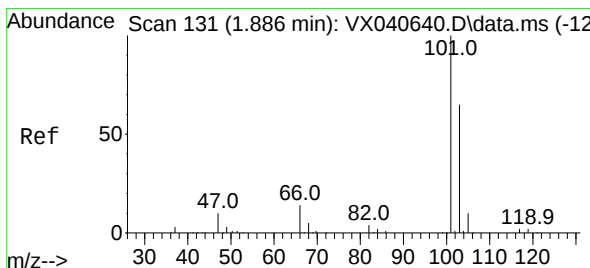
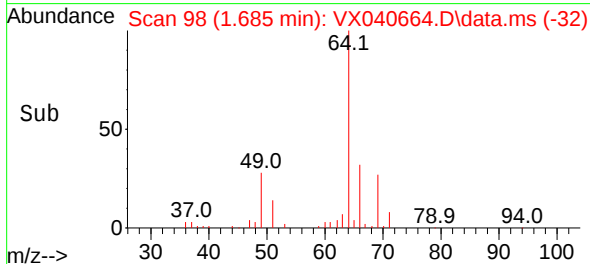
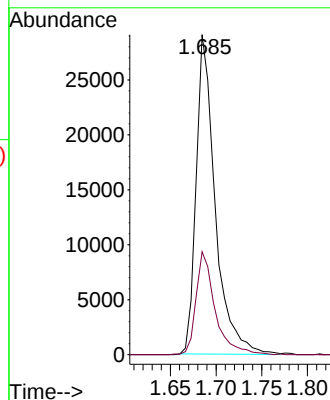
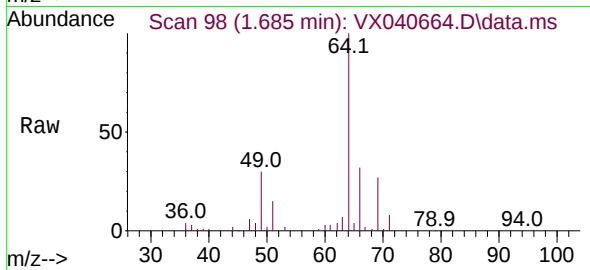




#8
Chloroethane
Concen: 54.728 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

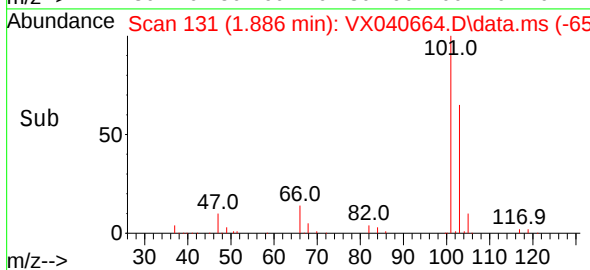
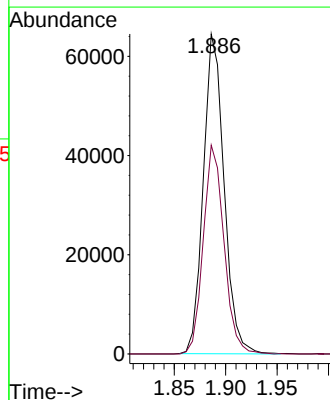
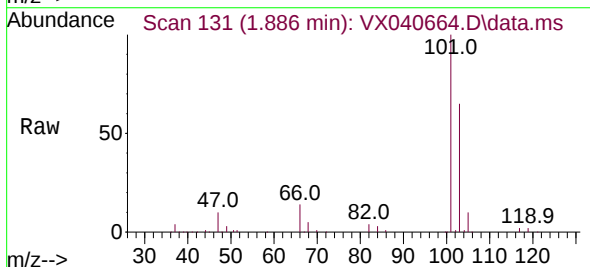
Instrument :
MSVOA_X
ClientSampleId :

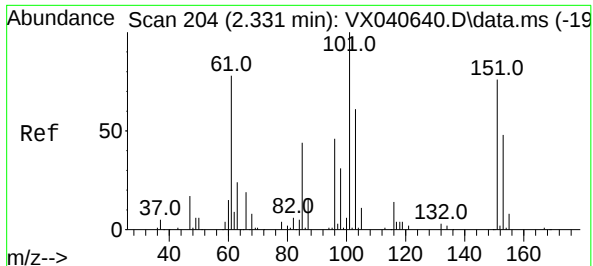
Tgt Ion: 64 Resp: 42139
Ion Ratio Lower Upper
64 100
66 32.2 25.0 46.4



#9
Trichlorofluoromethane
Concen: 48.591 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

Tgt Ion:101 Resp: 90792
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5

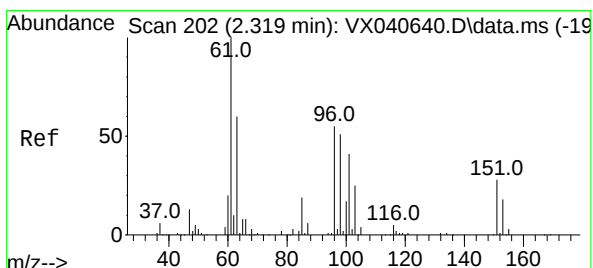
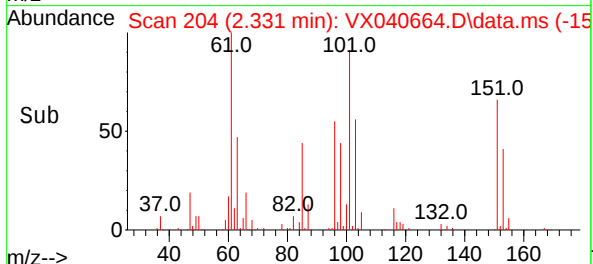
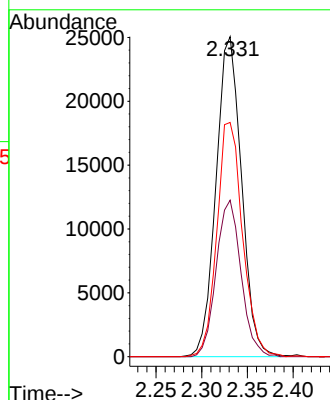
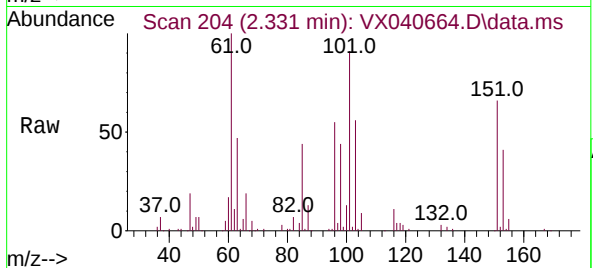




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.887 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX040664.D
 Acq: 15 Mar 2024 19:27

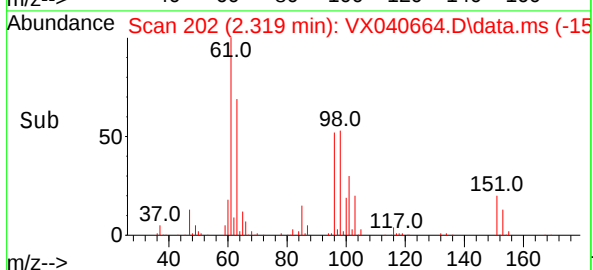
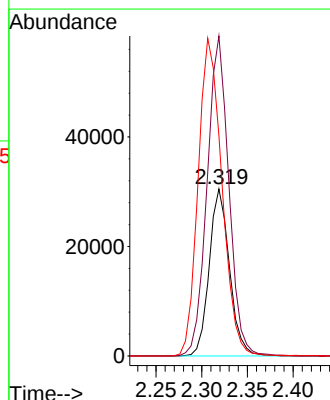
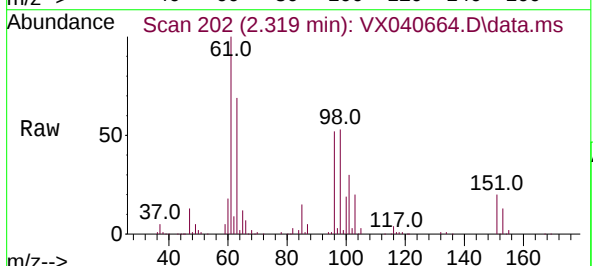
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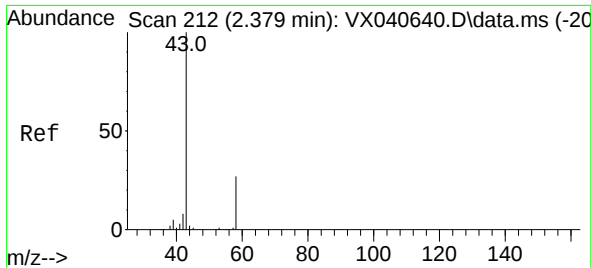
Tgt Ion:101 Resp: 48639
 Ion Ratio Lower Upper
 101 100
 85 47.6 38.3 57.5
 151 73.8 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 48.191 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX040664.D
 Acq: 15 Mar 2024 19:27

Tgt Ion: 96 Resp: 46991
 Ion Ratio Lower Upper
 96 100
 61 191.6 134.8 250.4
 63 131.9 92.5 171.9

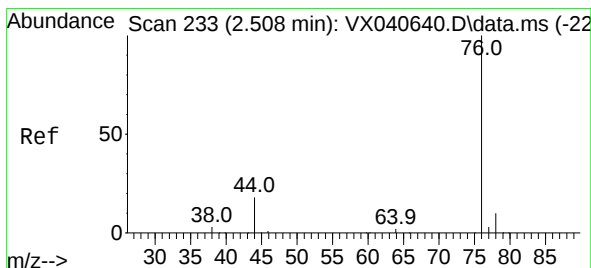
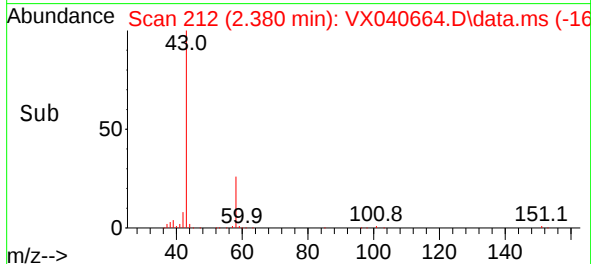
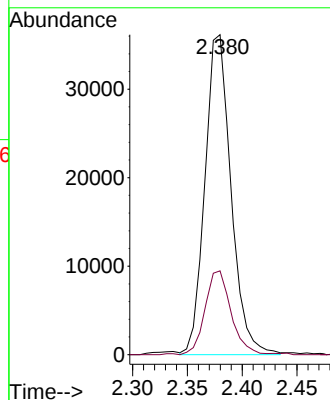
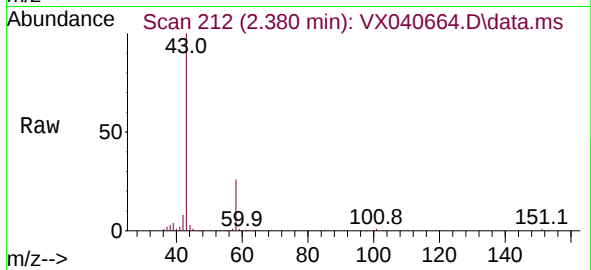




#13
Acetone
Concen: 77.893 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.001 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

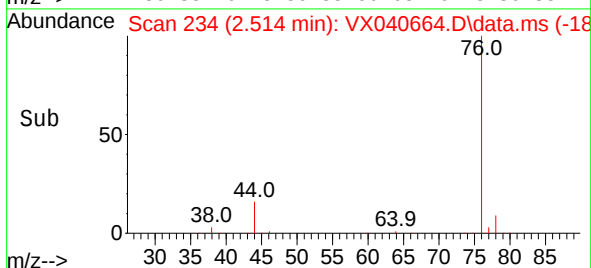
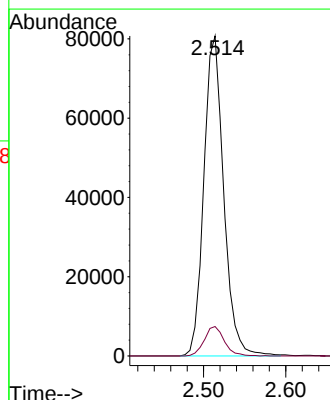
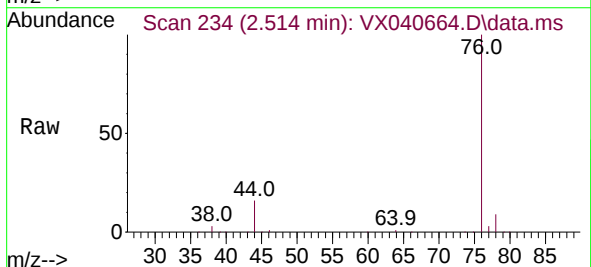
Instrument :
MSVOA_X
ClientSampleId :

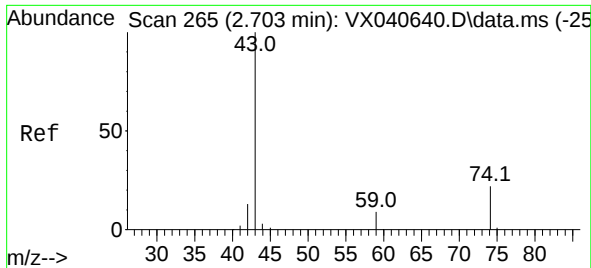
Tgt Ion: 43 Resp: 59856
Ion Ratio Lower Upper
43 100
58 26.0 0.0 54.6



#14
Carbon disulfide
Concen: 47.957 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

Tgt Ion: 76 Resp: 135312
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

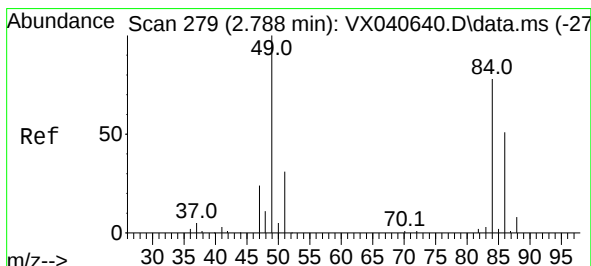
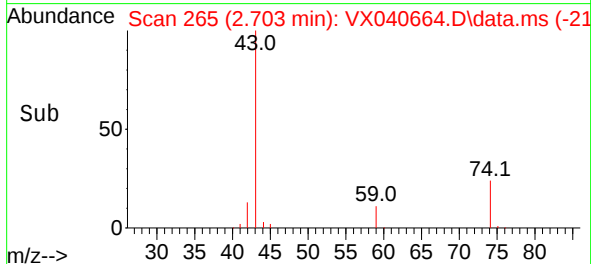
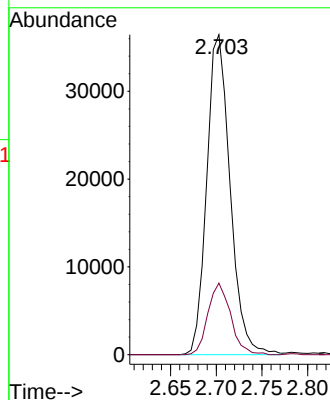
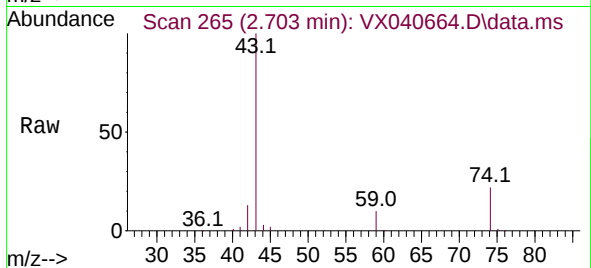




#15
Methyl Acetate
Concen: 49.912 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

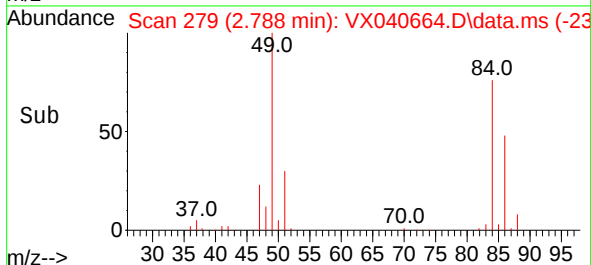
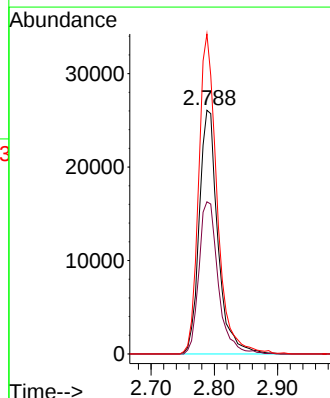
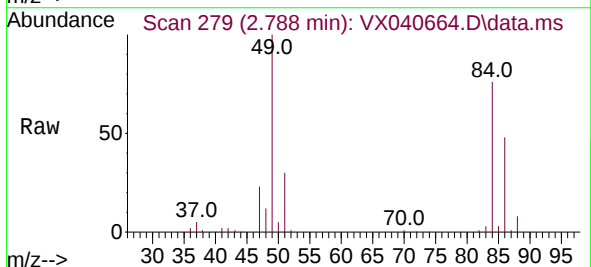
Instrument :
MSVOA_X
ClientSampleId :

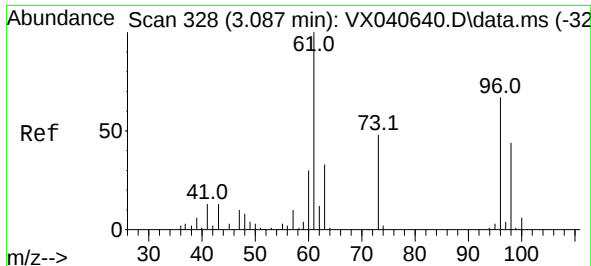
Tgt Ion: 43 Resp: 64749
Ion Ratio Lower Upper
43 100
74 21.6 17.6 26.4



#16
Methylene chloride
Concen: 49.900 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

Tgt Ion: 84 Resp: 53584
Ion Ratio Lower Upper
84 100
86 62.4 45.8 85.2
49 131.3 92.6 172.0





#17

trans-1,2-Dichloroethene

Concen: 49.516 ug/L

RT: 3.093 min Scan# 328

Delta R.T. 0.006 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

ClientSampleId :

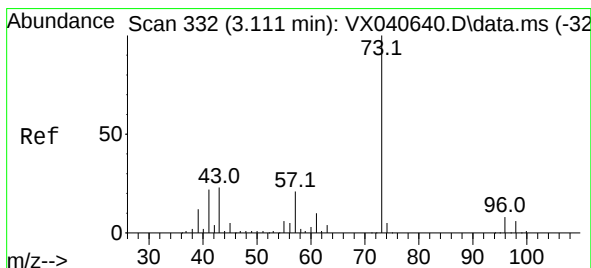
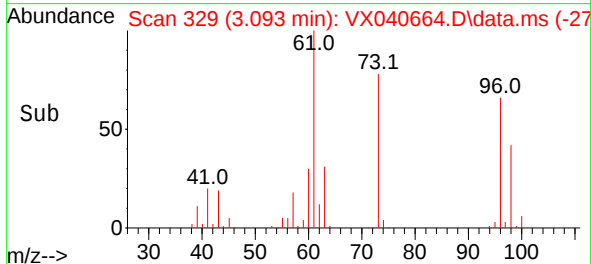
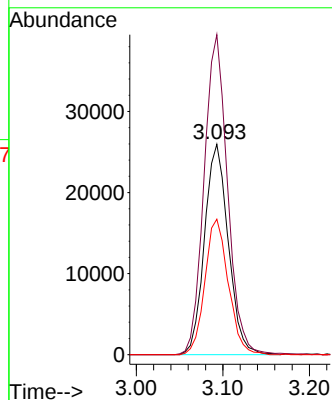
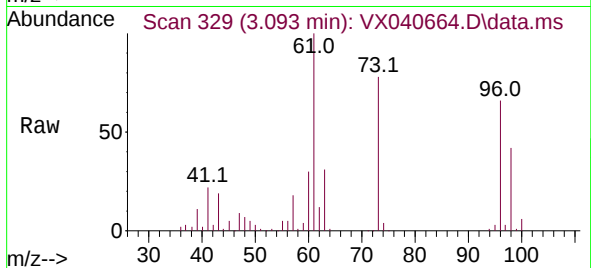
Tgt Ion: 96 Resp: 49568

Ion Ratio Lower Upper

96 100

61 152.1 106.6 198.0

98 64.4 45.1 83.9



#18

Methyl tert-butyl Ether

Concen: 52.149 ug/L

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

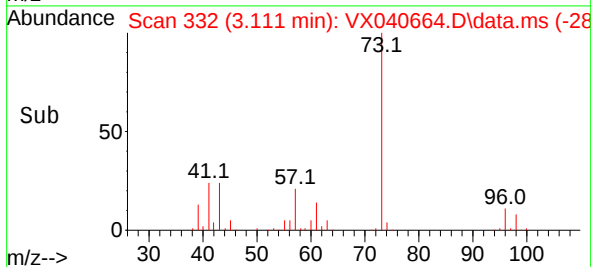
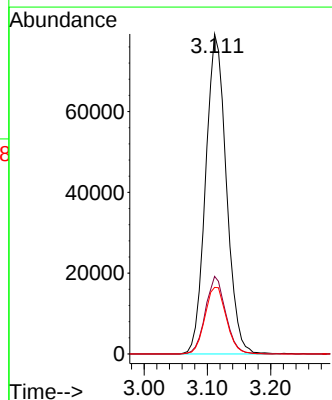
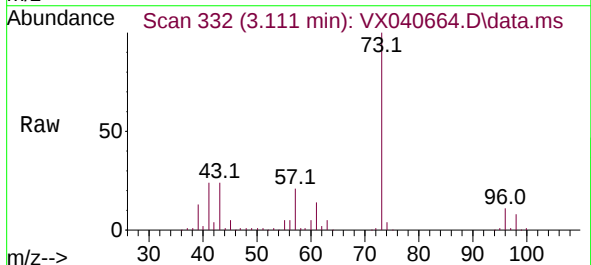
Tgt Ion: 73 Resp: 180539

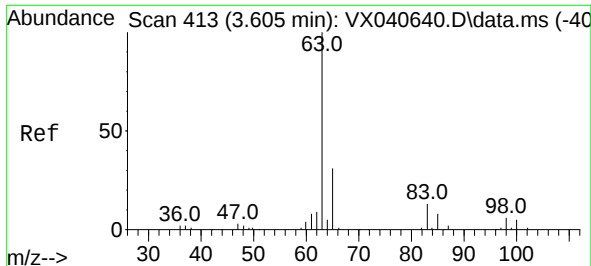
Ion Ratio Lower Upper

73 100

43 23.6 19.3 28.9

57 21.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 52.153 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

ClientSampleId :

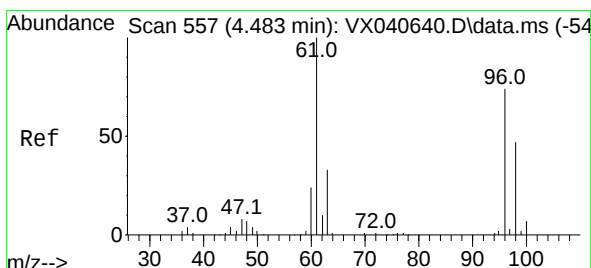
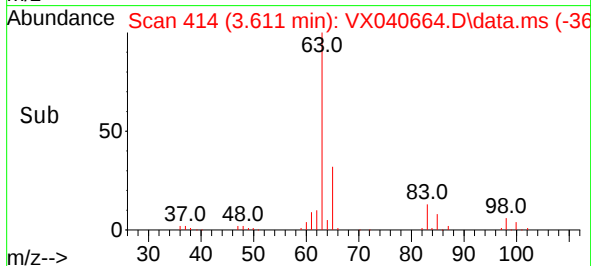
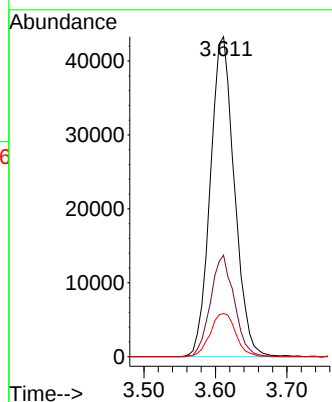
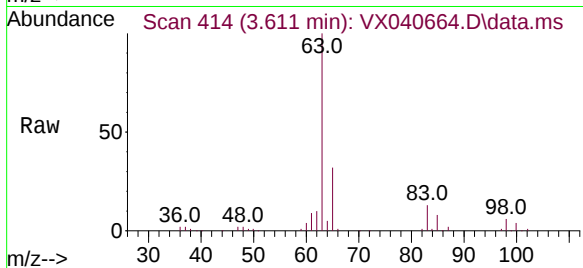
Tgt Ion: 63 Resp: 101441

Ion Ratio Lower Upper

63 100

65 31.7 23.1 42.9

83 13.5 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 50.757 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

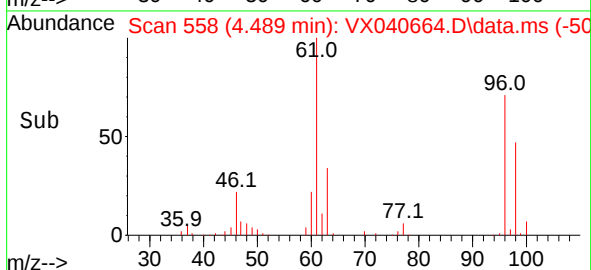
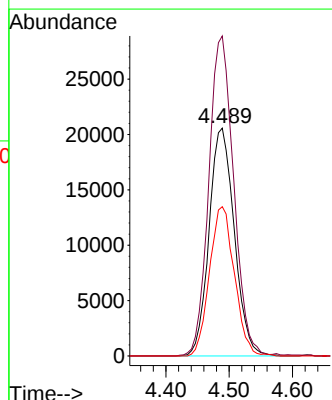
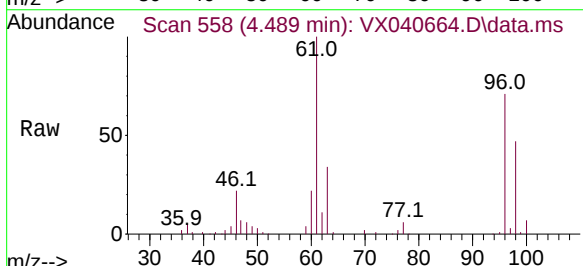
Tgt Ion: 96 Resp: 56974

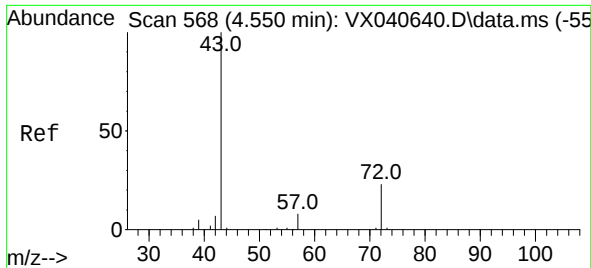
Ion Ratio Lower Upper

96 100

61 140.4 93.0 172.8

98 65.5 42.4 78.6

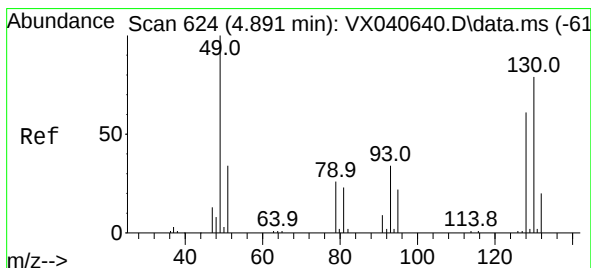
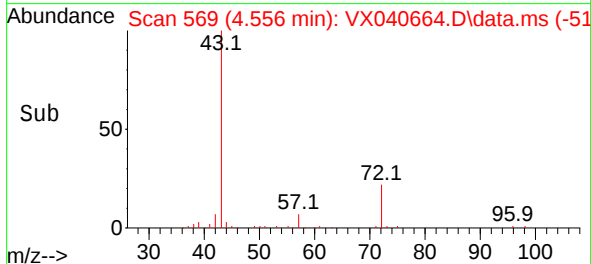
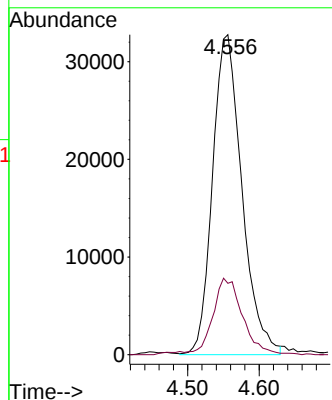
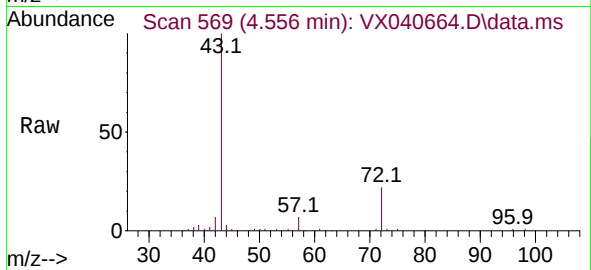




#22
2-Butanone
Concen: 91.865 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

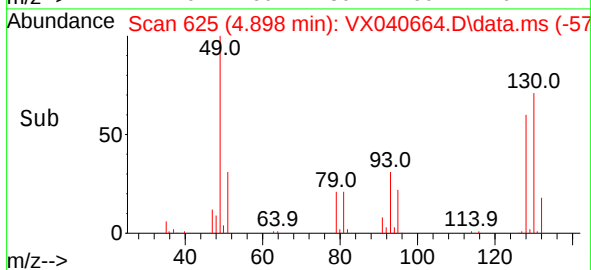
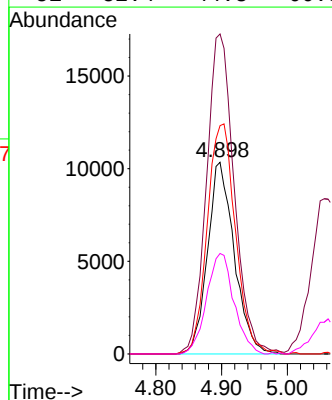
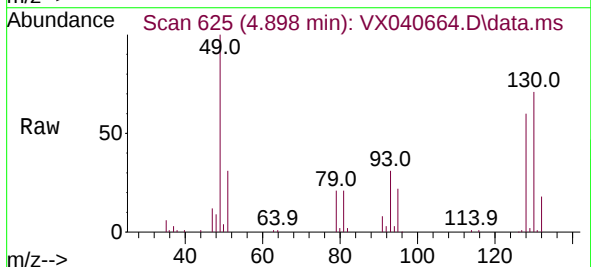
Instrument :
MSVOA_X
ClientSampleId :

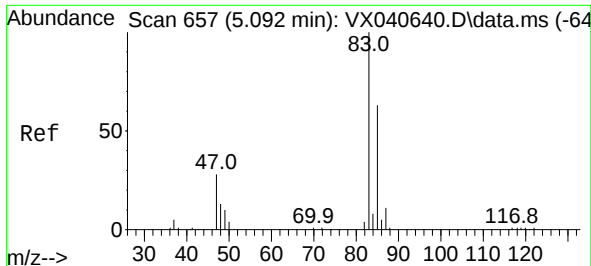
Tgt Ion: 43 Resp: 93475
Ion Ratio Lower Upper
43 100
72 23.9 12.4 37.2



#23
Bromochloromethane
Concen: 51.053 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.007 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

Tgt Ion:128 Resp: 29228
Ion Ratio Lower Upper
128 100
49 166.9 118.1 219.3
130 119.1 89.4 166.0
51 52.4 44.3 66.5





#25

Chloroform

Concen: 50.358 ug/L

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

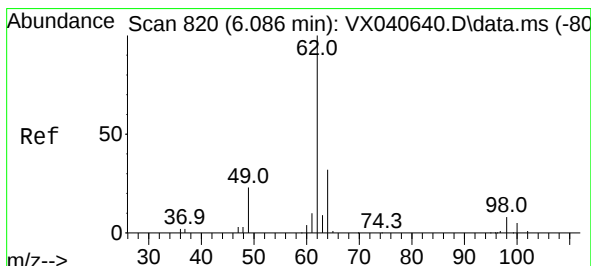
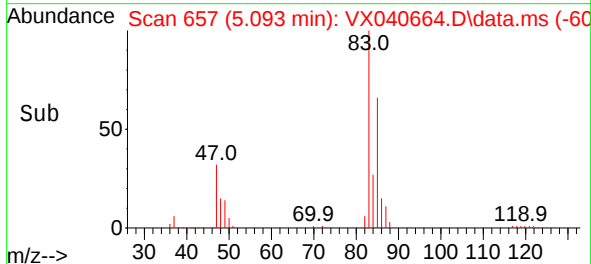
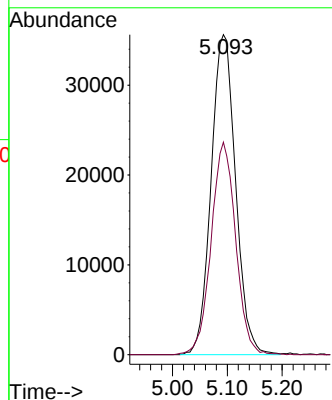
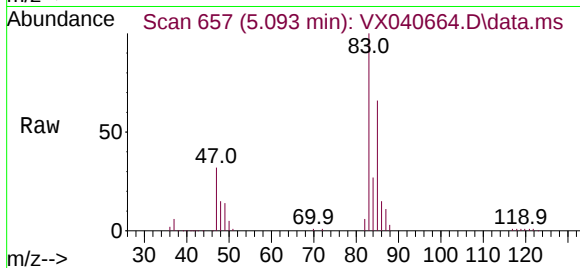
ClientSampleId :

Tgt Ion: 83 Resp: 110534

Ion Ratio Lower Upper

83 100

85 66.4 45.4 84.4



#27

1,2-Dichloroethane

Concen: 52.241 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX040664.D

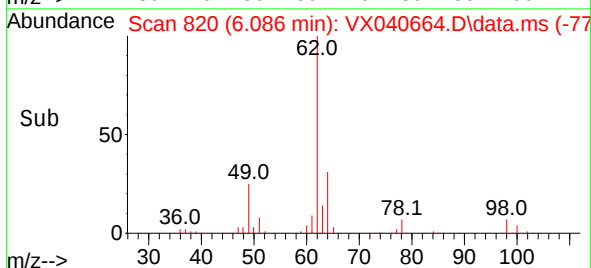
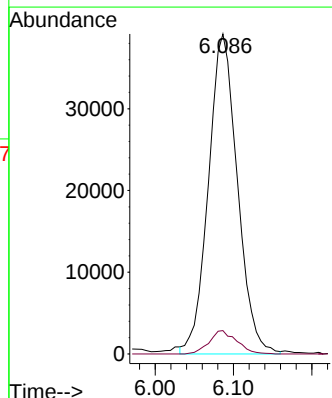
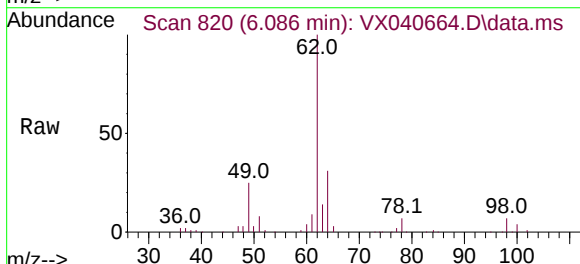
Acq: 15 Mar 2024 19:27

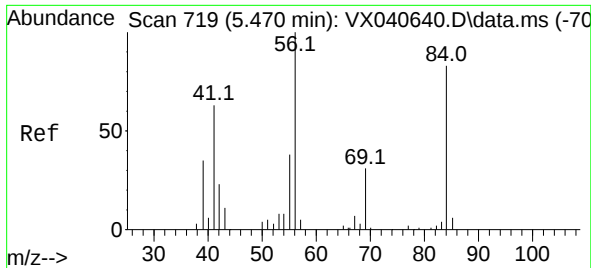
Tgt Ion: 62 Resp: 100768

Ion Ratio Lower Upper

62 100

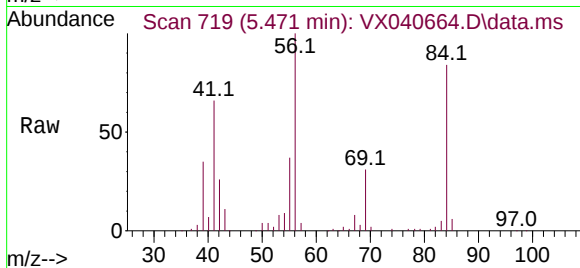
98 7.3 5.8 8.6



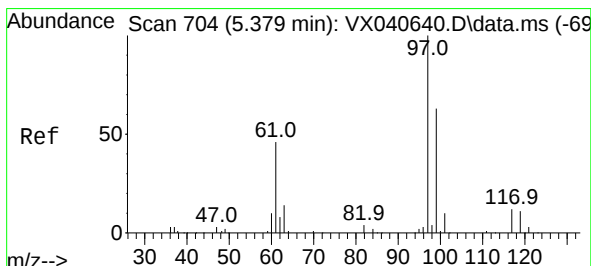
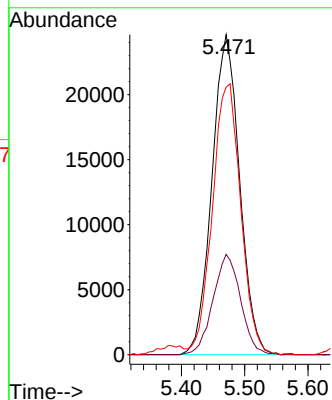
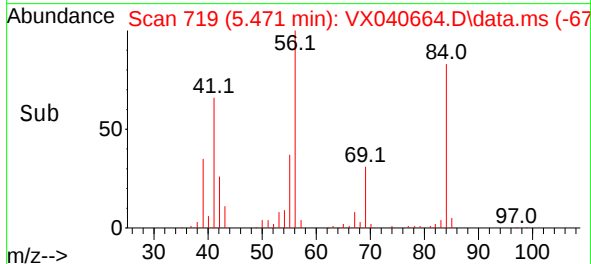


#29
Cyclohexane
Concen: 45.309 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

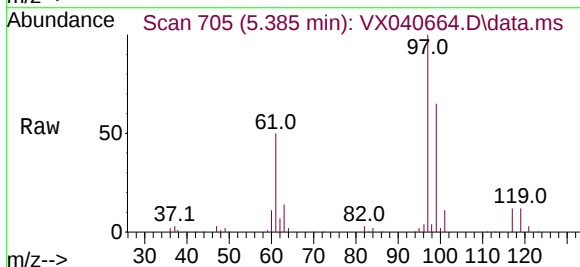
Instrument :
MSVOA_X
ClientSampleId :



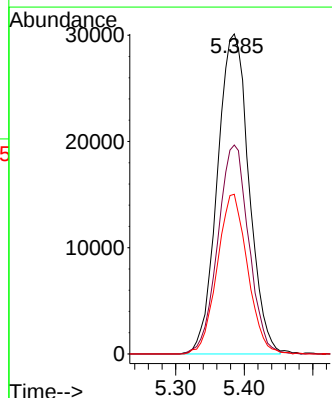
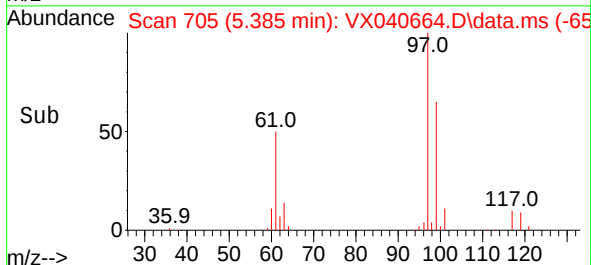
Tgt Ion: 56 Resp: 74751
Ion Ratio Lower Upper
56 100
69 31.1 25.0 37.4
84 87.0 70.6 105.8

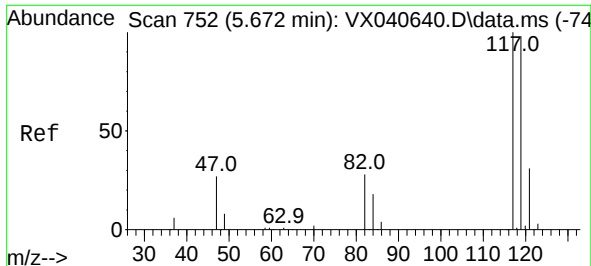


#30
1,1,1-Trichloroethane
Concen: 51.536 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27



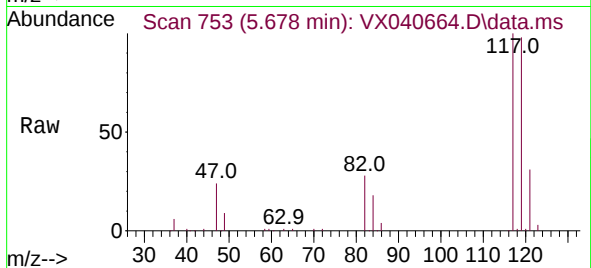
Tgt Ion: 97 Resp: 96371
Ion Ratio Lower Upper
97 100
99 63.9 52.1 78.1
61 47.9 38.3 57.5



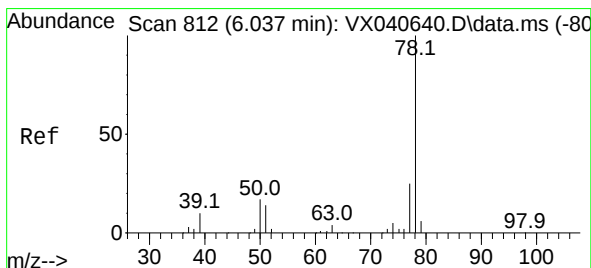
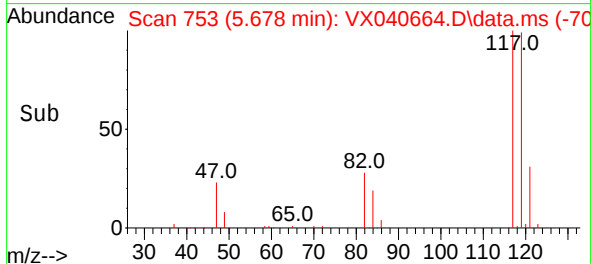
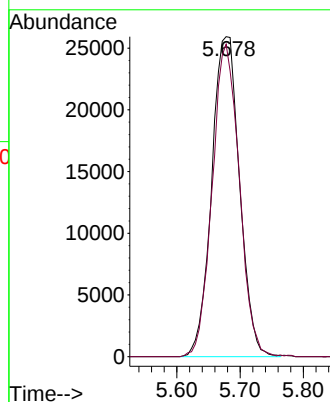


#31
Carbon tetrachloride
Concen: 50.558 ug/L
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

Instrument :
MSVOA_X
ClientSampleId :

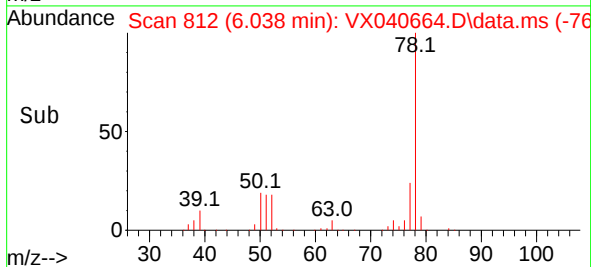
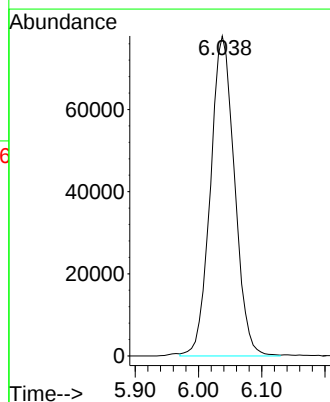
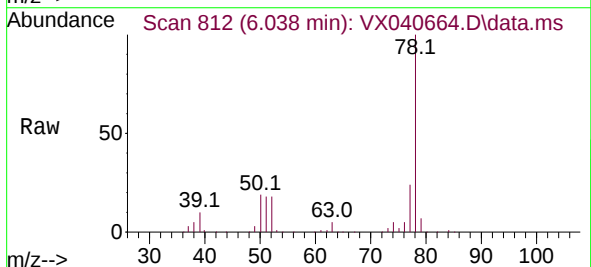


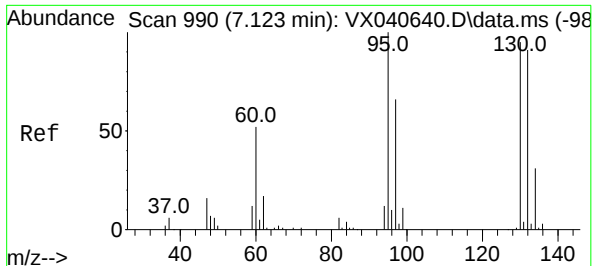
Tgt Ion:117 Resp: 79346
Ion Ratio Lower Upper
117 100
119 94.8 75.4 113.2



#33
Benzene
Concen: 51.168 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

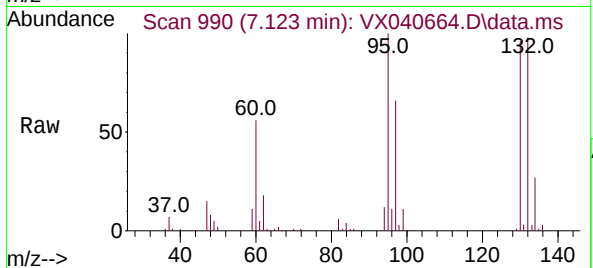
Tgt Ion: 78 Resp: 206377





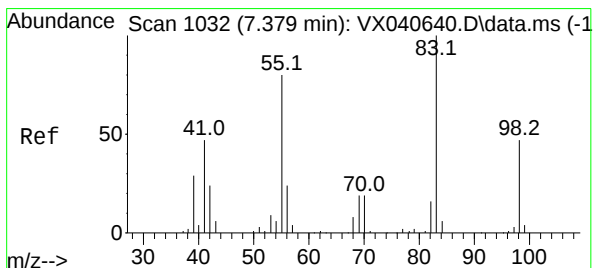
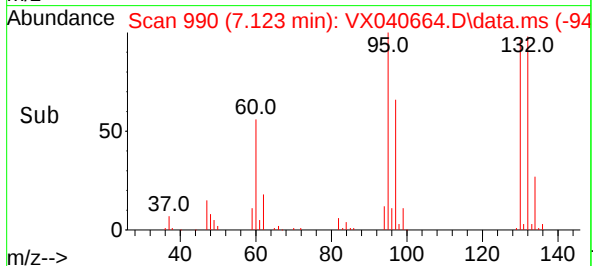
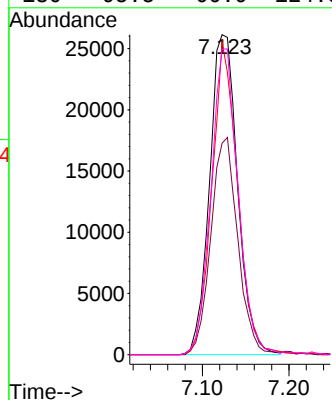
#34
Trichloroethene
Concen: 49.328 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 58734

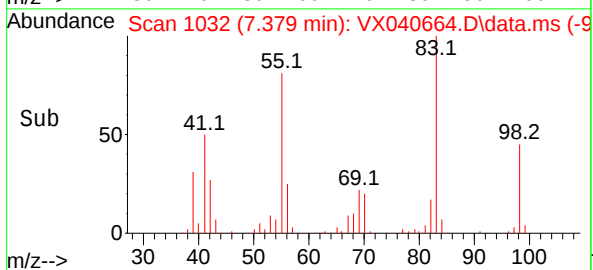
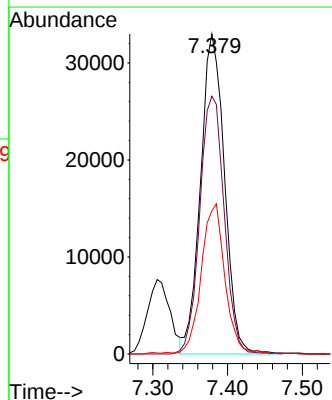
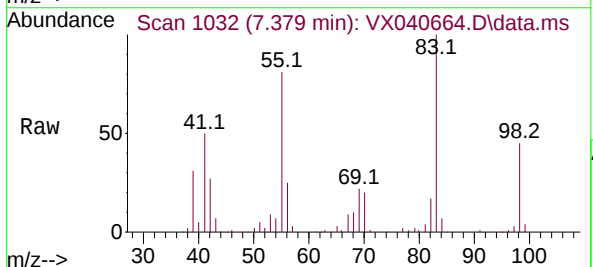
Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.7	83.1
132	97.8	61.5	114.3
130	95.5	66.9	124.3

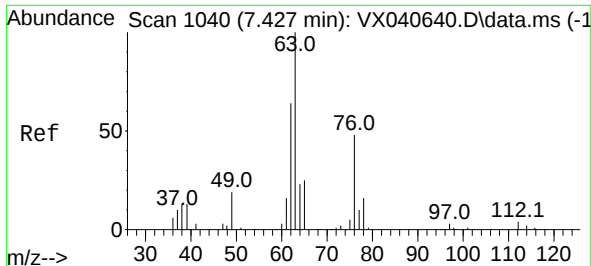


#35
Methylcyclohexane
Concen: 42.199 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

Tgt Ion: 83 Resp: 73427

Ion	Ratio	Lower	Upper
83	100		
55	82.0	62.6	94.0
98	45.3	37.4	56.2

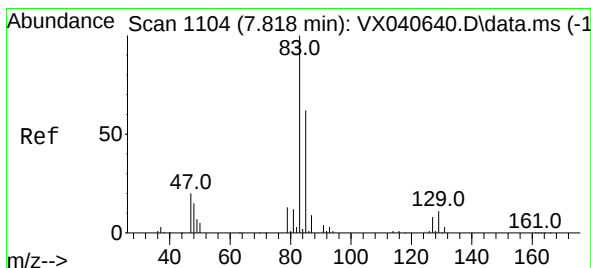
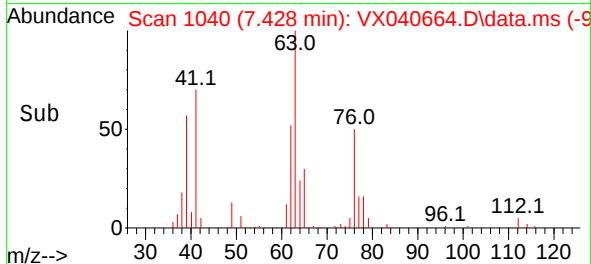
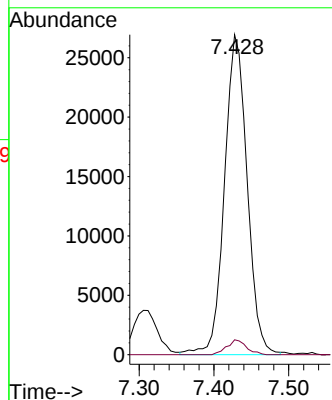
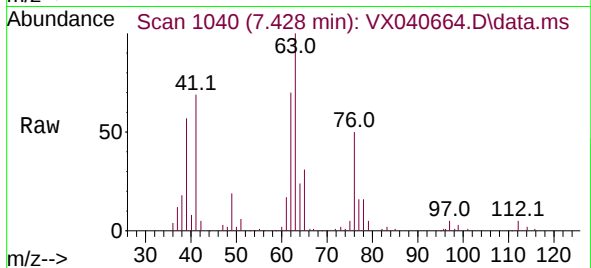




#37
1,2-Dichloropropane
Concen: 53.227 ug/L
RT: 7.428 min Scan# 1040
Delta R.T. 0.001 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

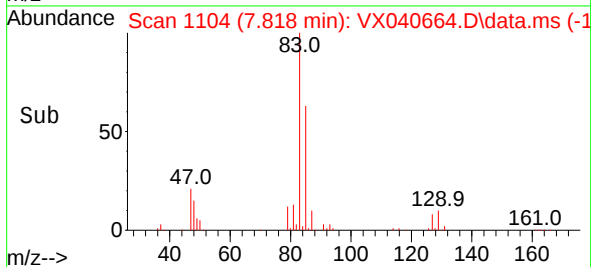
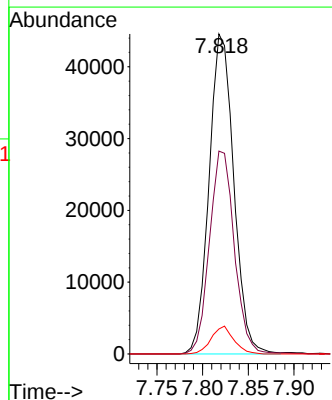
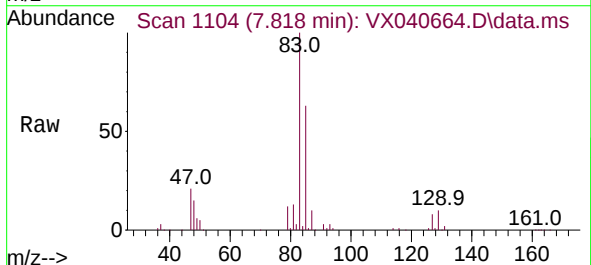
Instrument :
MSVOA_X
ClientSampleId :

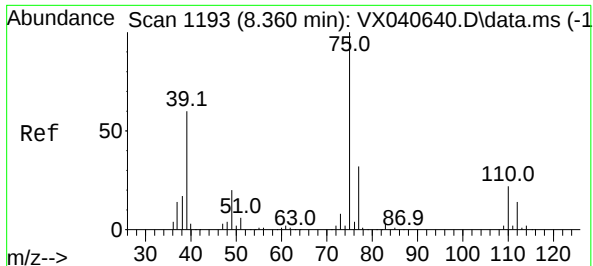
Tgt Ion: 63 Resp: 56836
Ion Ratio Lower Upper
63 100
112 4.0 3.1 4.7



#38
Bromodichloromethane
Concen: 53.011 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

Tgt Ion: 83 Resp: 83720
Ion Ratio Lower Upper
83 100
85 63.4 42.8 79.4
127 7.8 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 49.577 ug/L

RT: 8.366 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

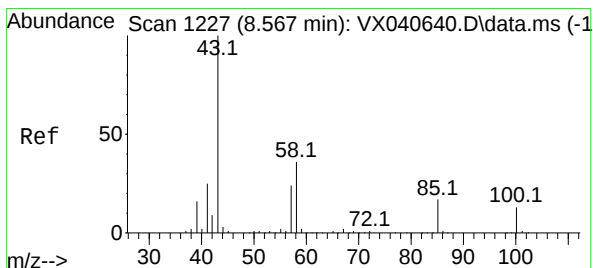
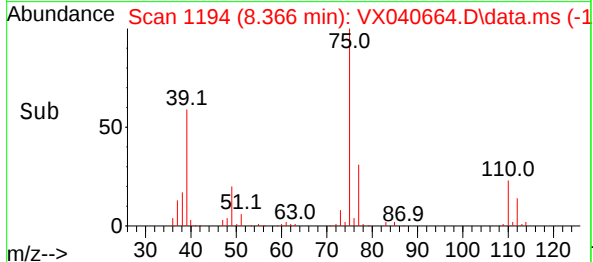
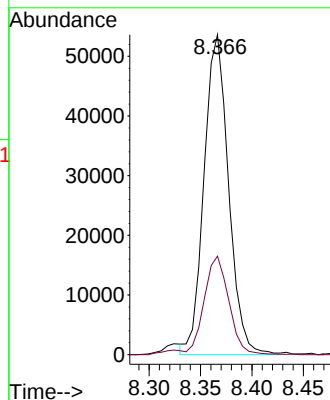
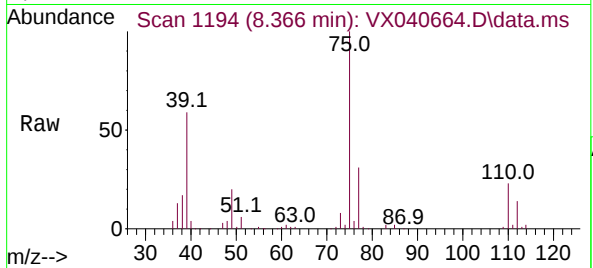
ClientSampleId :

Tgt Ion: 75 Resp: 89126

Ion Ratio Lower Upper

75 100

77 30.8 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 104.343 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.007 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

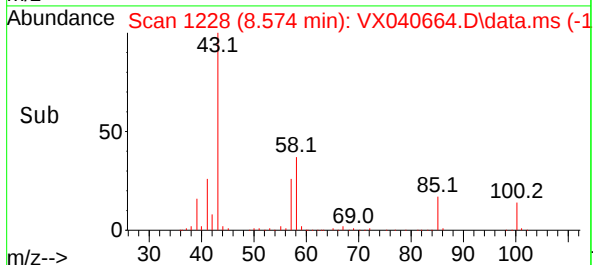
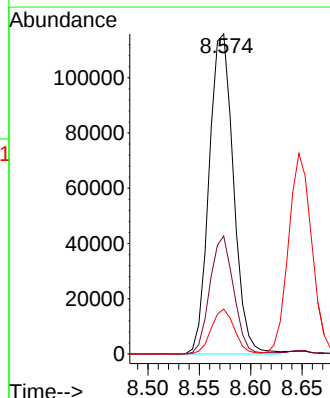
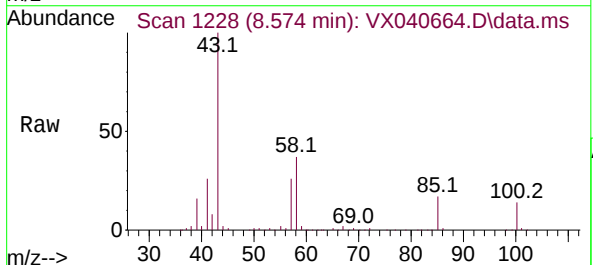
Tgt Ion: 43 Resp: 191004

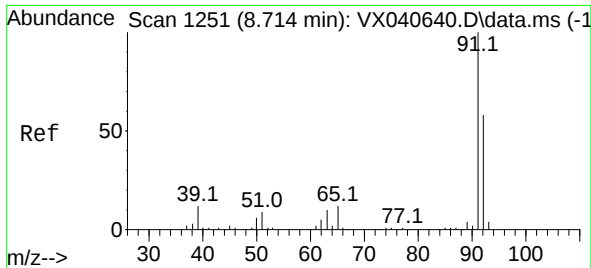
Ion Ratio Lower Upper

43 100

58 35.9 29.3 43.9

100 13.4 10.7 16.1





#42

Toluene

Concen: 50.315 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

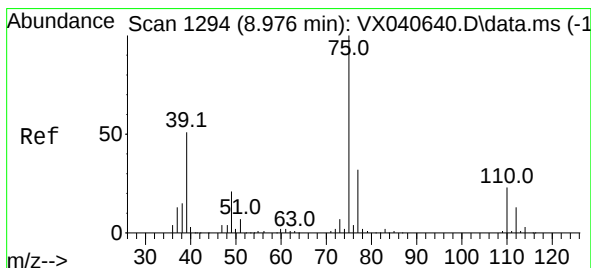
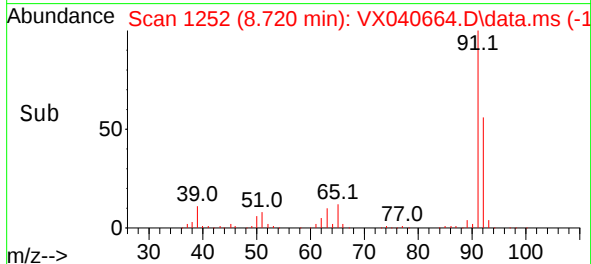
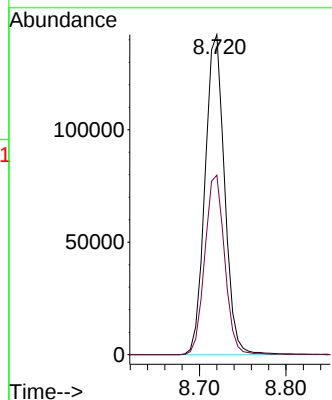
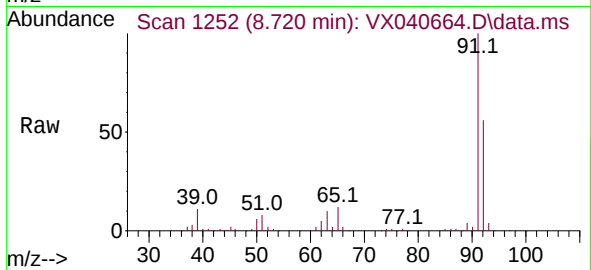
ClientSampleId :

Tgt Ion: 91 Resp: 222635

Ion Ratio Lower Upper

91 100

92 56.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 49.982 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX040664.D

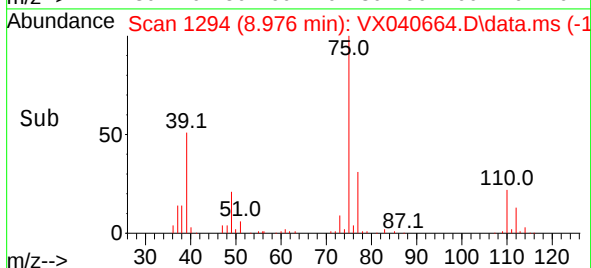
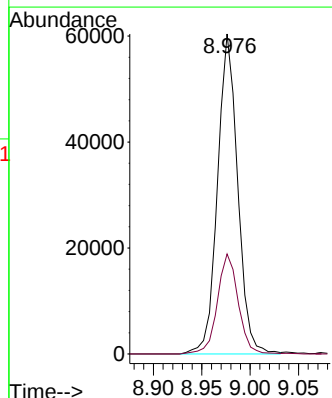
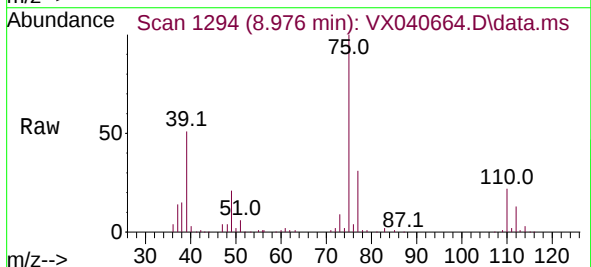
Acq: 15 Mar 2024 19:27

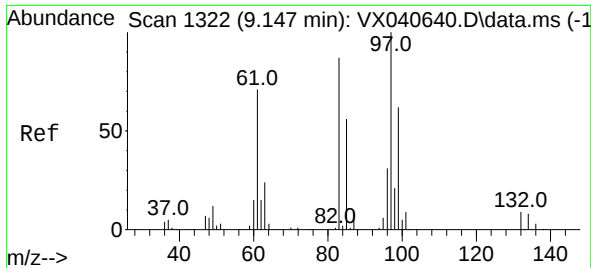
Tgt Ion: 75 Resp: 87519

Ion Ratio Lower Upper

75 100

77 31.2 22.1 41.1

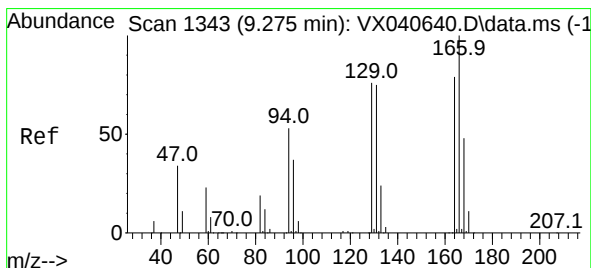
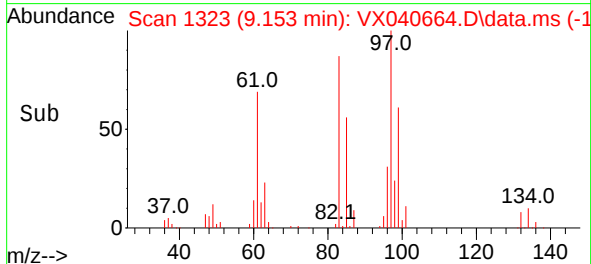
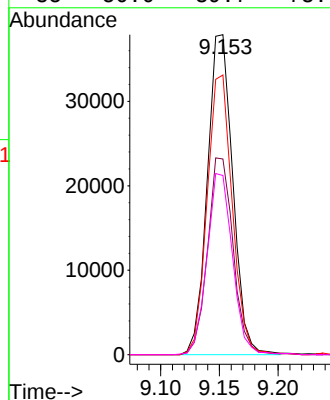
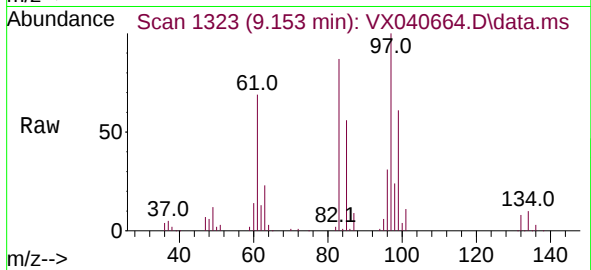




#45
1,1,2-Trichloroethane
Concen: 51.811 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

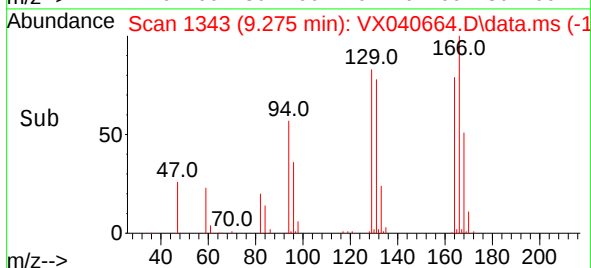
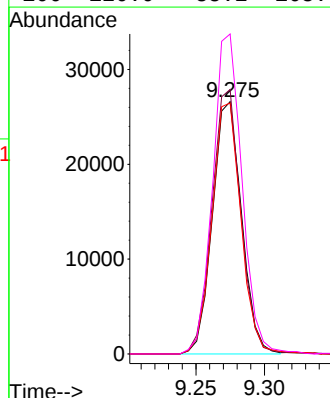
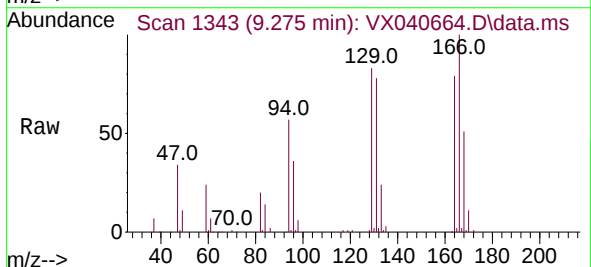
Instrument :
MSVOA_X
ClientSampleId :

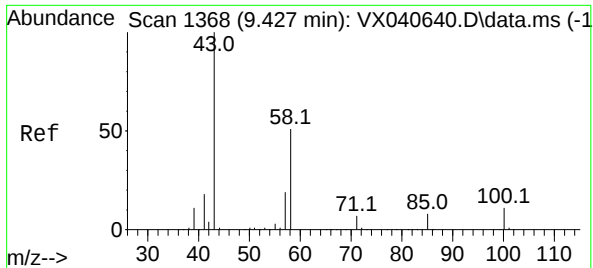
Tgt Ion:	97	Resp:	57109
Ion Ratio	Lower	Upper	
97	100		
99	61.2	42.6	79.0
83	87.4	59.2	110.0
85	56.0	39.7	73.7



#46
Tetrachloroethene
Concen: 45.860 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

Tgt Ion:	164	Resp:	39206
Ion Ratio	Lower	Upper	
164	100		
129	104.9	67.8	126.0
131	99.5	67.8	126.0
166	126.9	88.2	163.8





#48

2-Hexanone

Concen: 97.015 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 147157

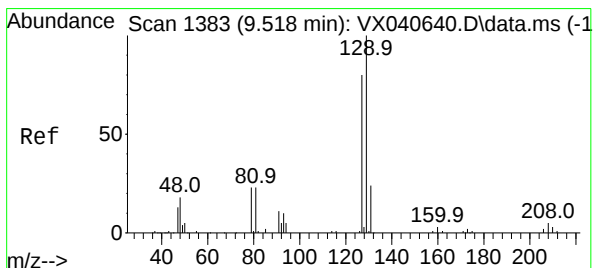
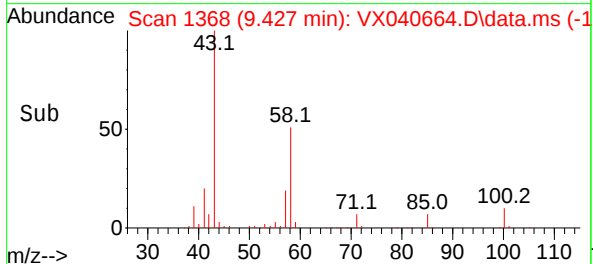
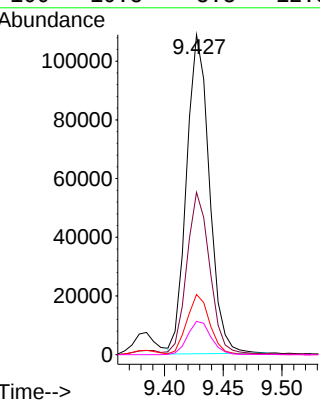
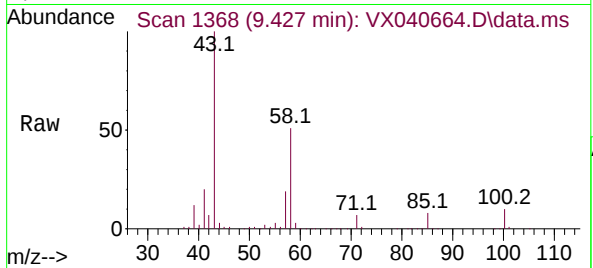
Ion Ratio Lower Upper

43 100

58 51.7 41.0 61.6

57 18.5 14.8 22.2

100 10.8 8.3 12.5



#49

Dibromochloromethane

Concen: 52.467 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX040664.D

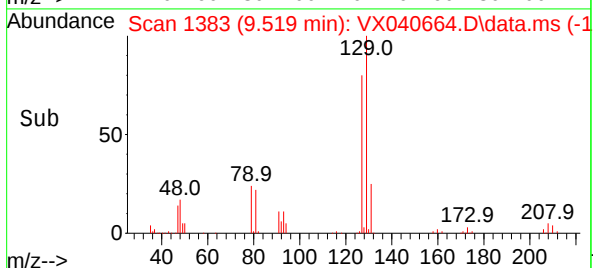
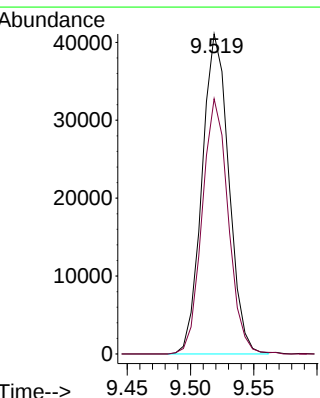
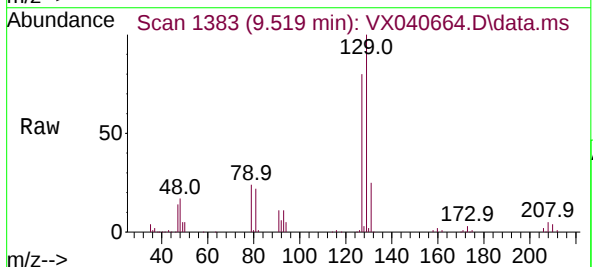
Acq: 15 Mar 2024 19:27

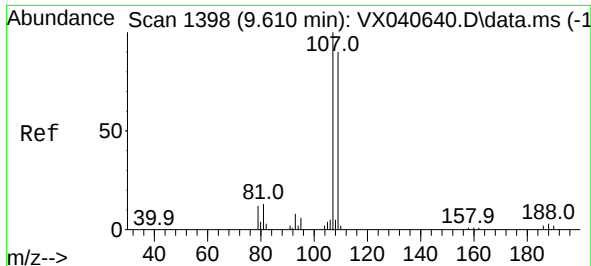
Tgt Ion:129 Resp: 60428

Ion Ratio Lower Upper

129 100

127 79.8 55.8 103.6





#50

1,2-Dibromoethane

Concen: 52.386 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX040664.D

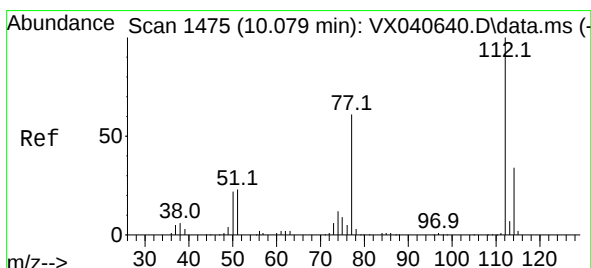
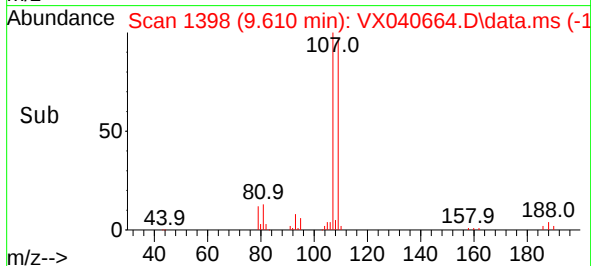
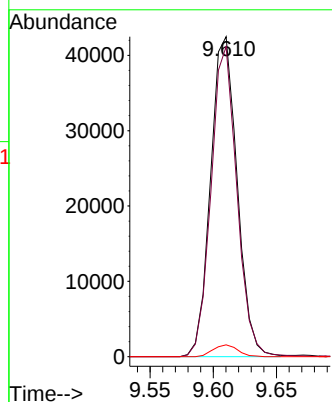
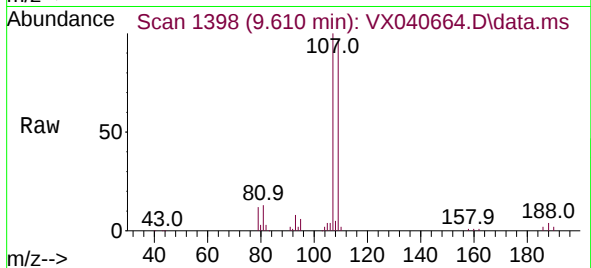
Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	62097
Ion Ratio	Lower	Upper
107	100	
109	96.9	62.9 116.7
188	3.7	2.5 3.7



#51

Chlorobenzene

Concen: 49.947 ug/L

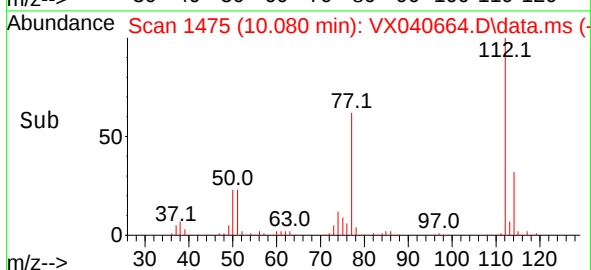
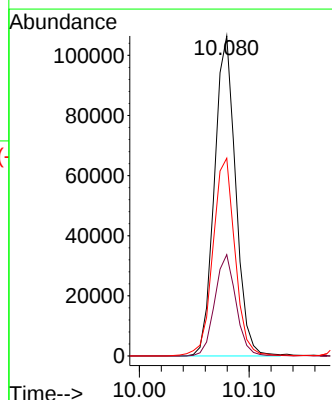
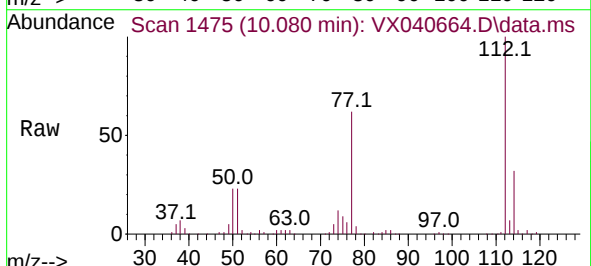
RT: 10.080 min Scan# 1475

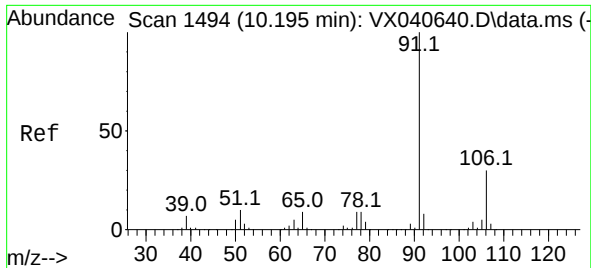
Delta R.T. 0.001 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Tgt Ion:112	Resp:	143185
Ion Ratio	Lower	Upper
112	100	
114	31.6	22.4 41.6
77	61.8	50.6 75.8





#52

Ethylbenzene

Concen: 48.921 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

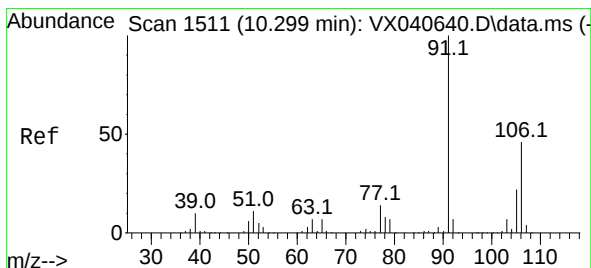
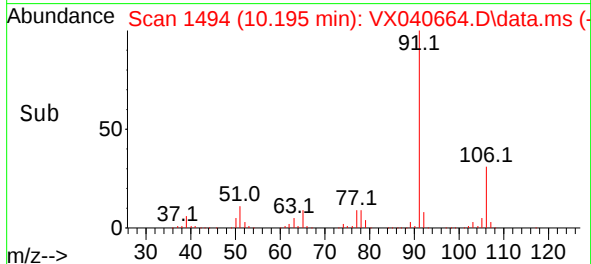
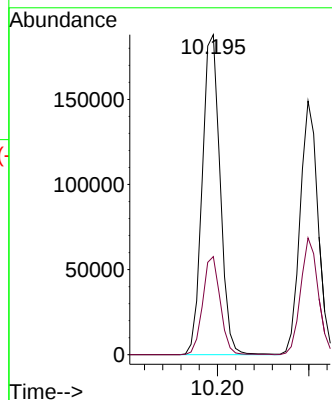
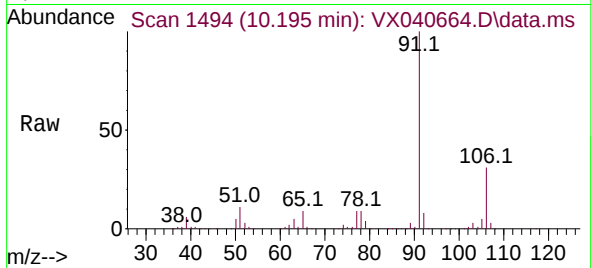
ClientSampleId :

Tgt Ion: 91 Resp: 254377

Ion Ratio Lower Upper

91 100

106 30.7 20.6 38.4



#53

m,p-Xylene

Concen: 48.619 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040664.D

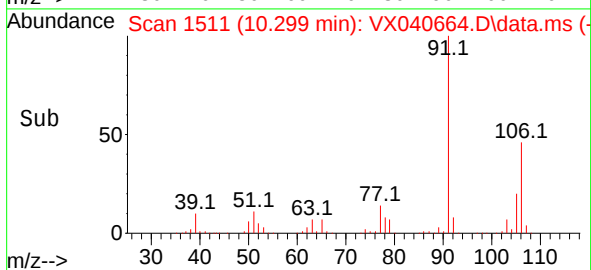
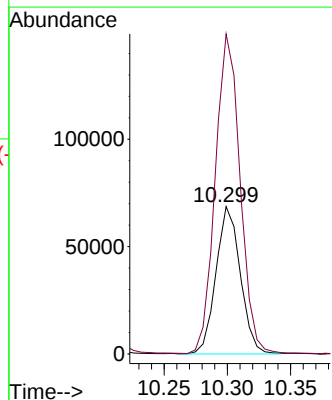
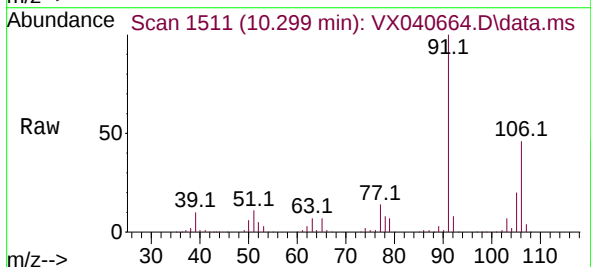
Acq: 15 Mar 2024 19:27

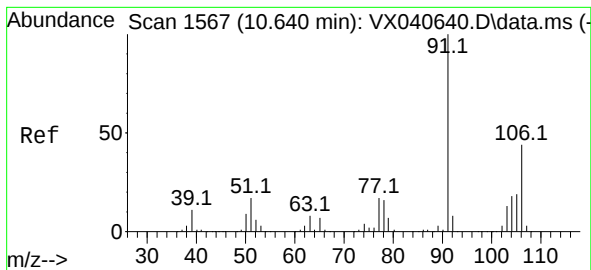
Tgt Ion:106 Resp: 91907

Ion Ratio Lower Upper

106 100

91 217.3 160.4 298.0

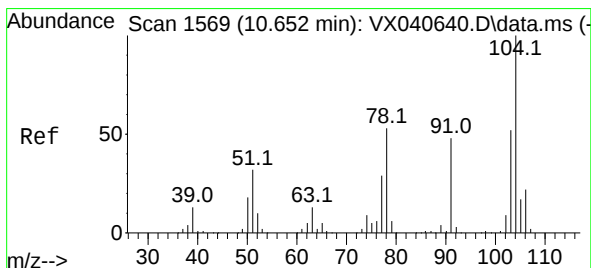
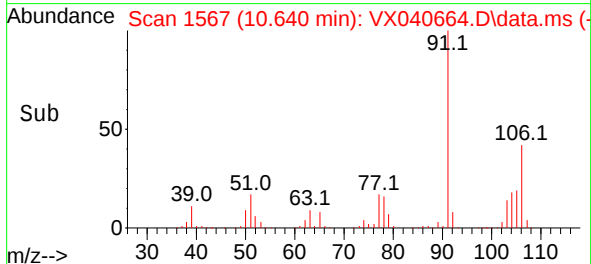
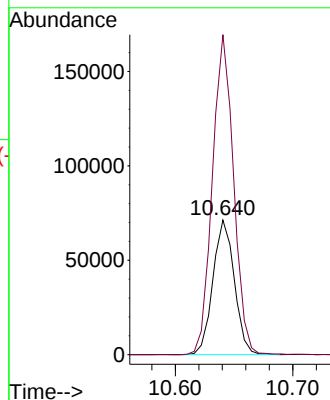
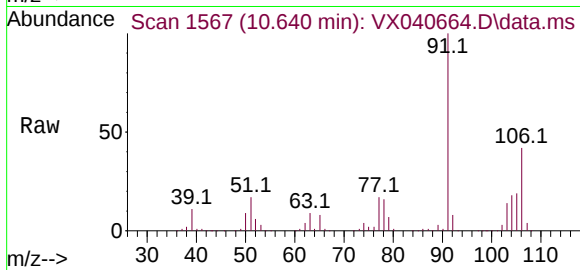




#54
o-Xylene
Concen: 49.814 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

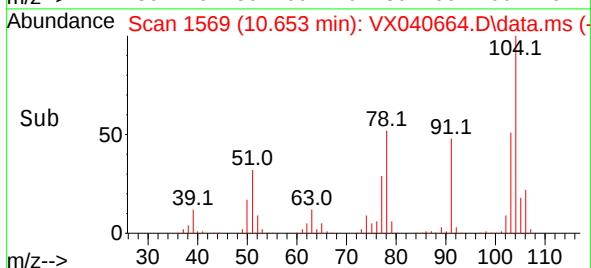
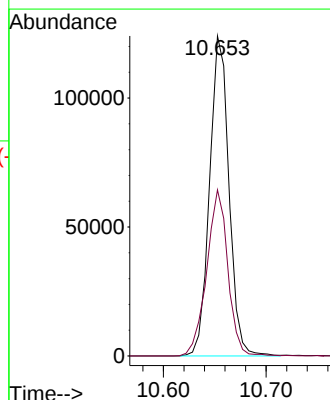
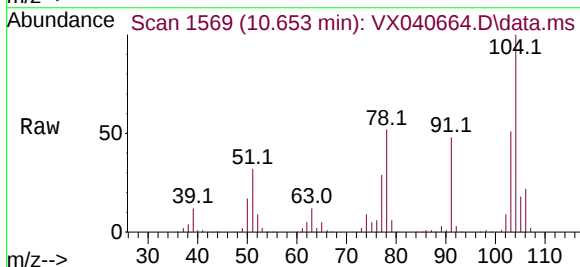
Instrument :
MSVOA_X
ClientSampleId :

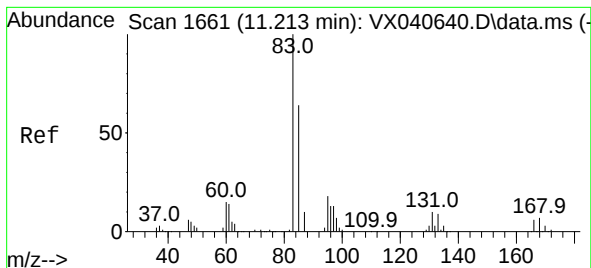
Tgt Ion:106 Resp: 90391
Ion Ratio Lower Upper
106 100
91 237.9 161.7 300.3



#55
Styrene
Concen: 51.457 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

Tgt Ion:104 Resp: 162706
Ion Ratio Lower Upper
104 100
78 51.9 37.2 69.0





#57

1,1,2,2-Tetrachloroethane

Concen: 52.229 ug/L

RT: 11.214 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

ClientSampleId :

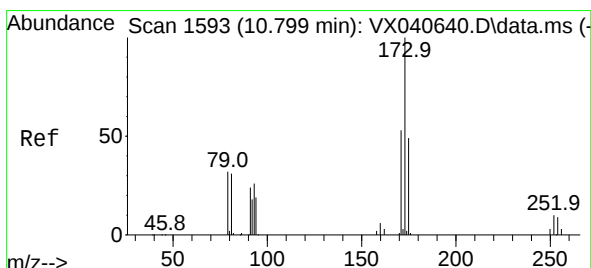
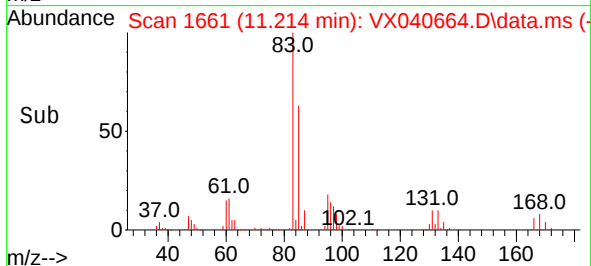
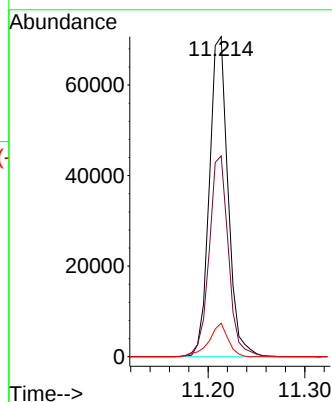
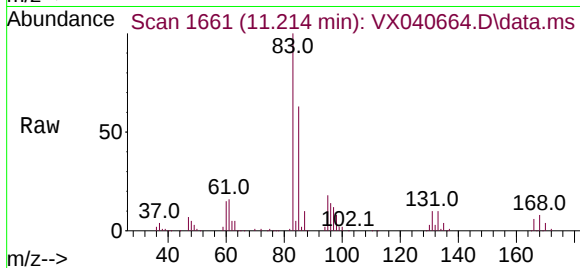
Tgt Ion: 83 Resp: 94890

Ion Ratio Lower Upper

83 100

85 62.7 45.2 84.0

131 10.5 8.2 12.2



#59

Bromoform

Concen: 56.599 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

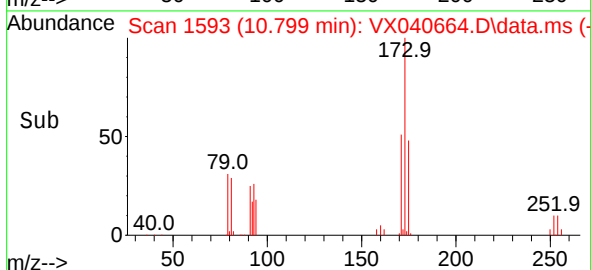
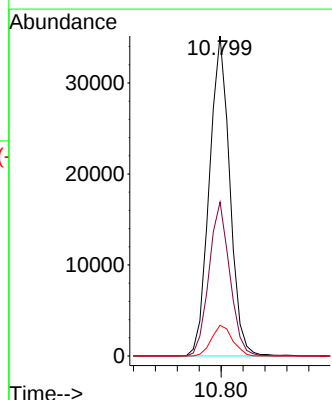
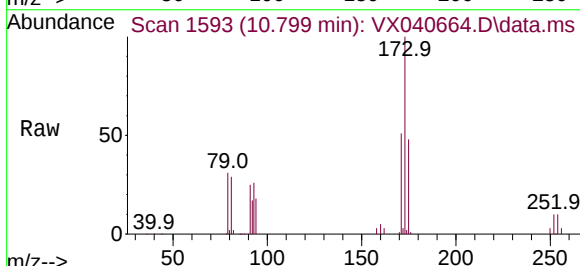
Tgt Ion:173 Resp: 45447

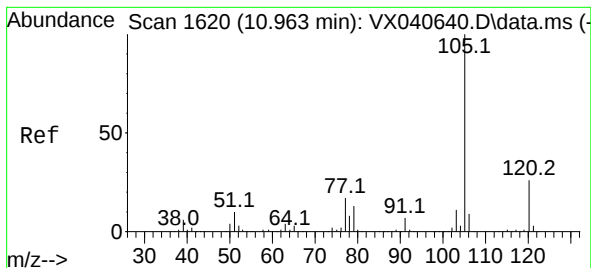
Ion Ratio Lower Upper

173 100

175 48.9 39.4 59.0

254 9.8 7.9 11.9





#60

Isopropylbenzene

Concen: 53.294 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

ClientSampleId :

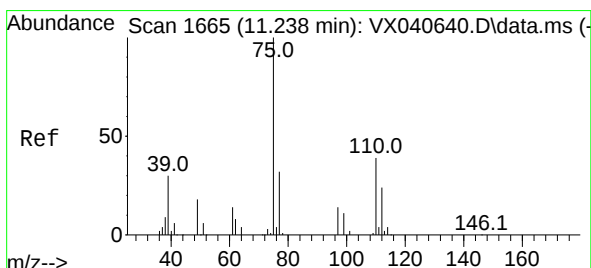
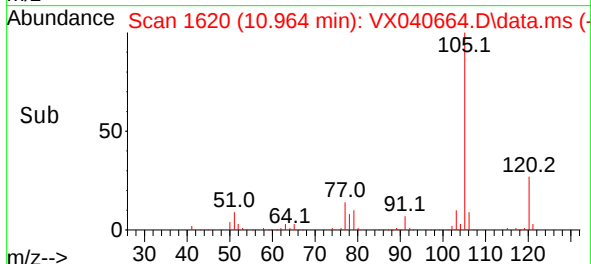
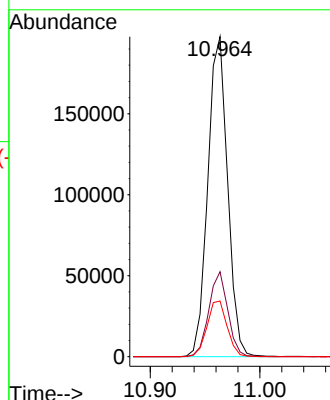
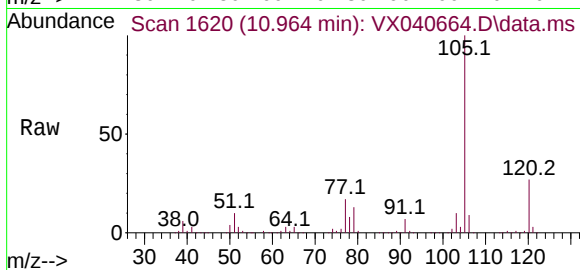
Tgt Ion:105 Resp: 247705

Ion Ratio Lower Upper

105 100

120 25.5 20.1 30.1

77 17.7 13.9 20.9



#61

1,2,3-Trichloropropane

Concen: 56.175 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

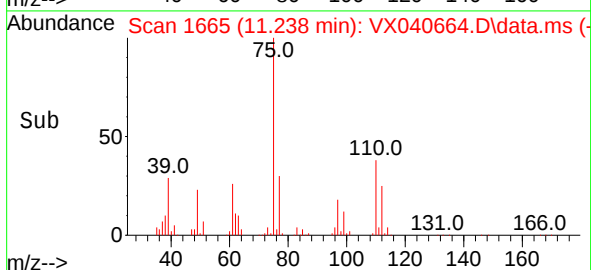
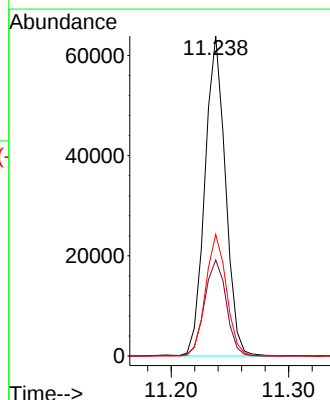
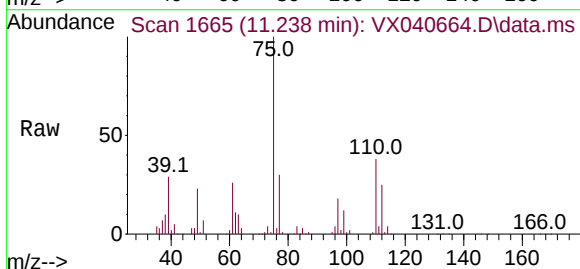
Tgt Ion: 75 Resp: 77498

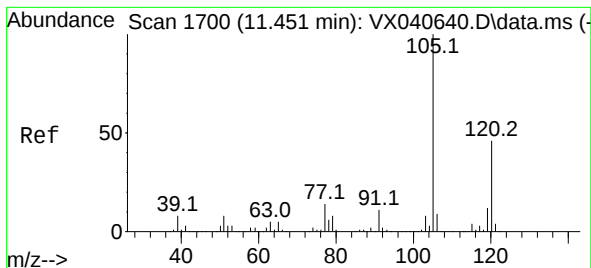
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

110 38.5 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 48.488 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

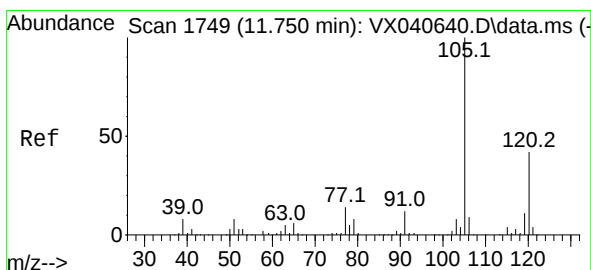
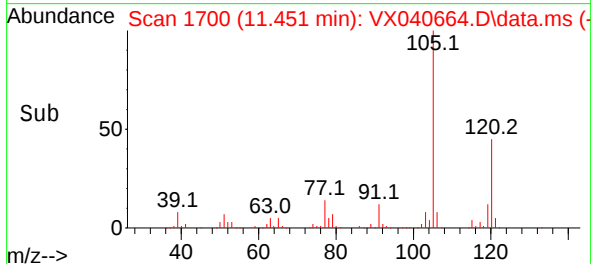
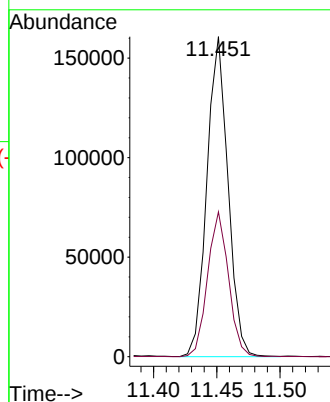
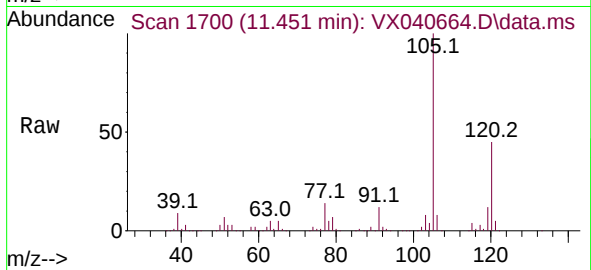
ClientSampleId :

Tgt Ion:105 Resp: 186854

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 49.033 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040664.D

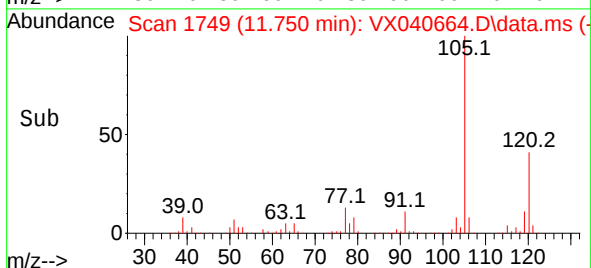
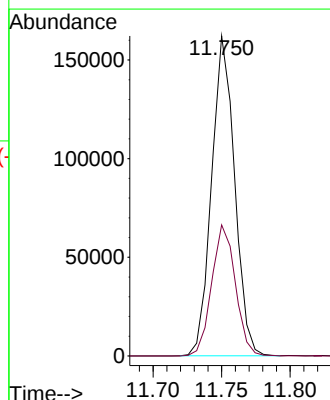
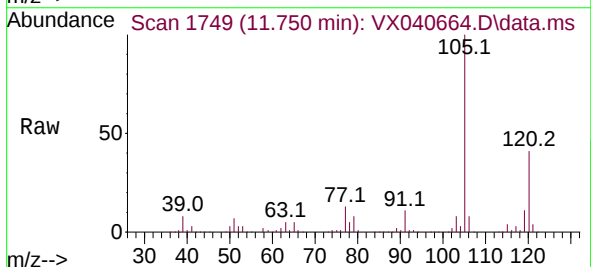
Acq: 15 Mar 2024 19:27

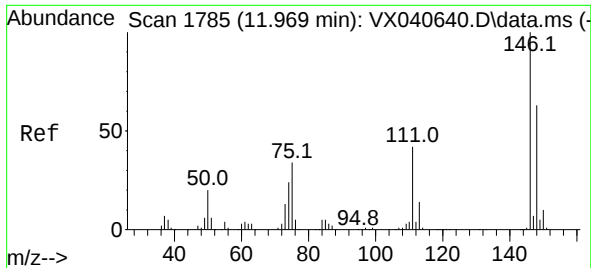
Tgt Ion:105 Resp: 188945

Ion Ratio Lower Upper

105 100

120 42.2 33.9 50.9

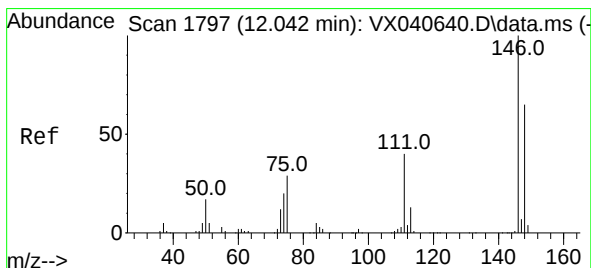
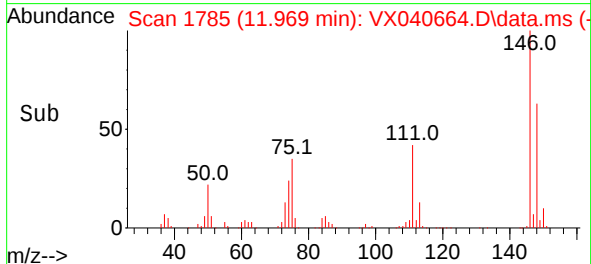
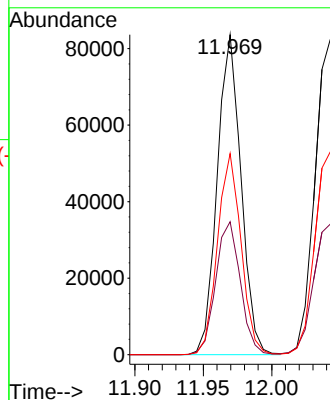
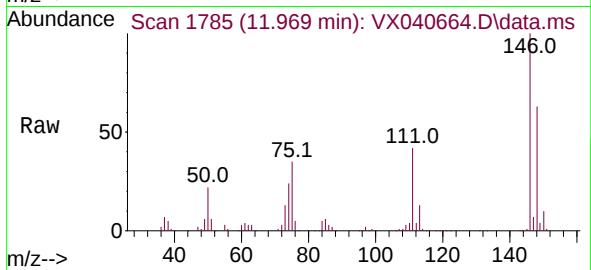




#64
1,3-Dichlorobenzene
Concen: 49.642 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

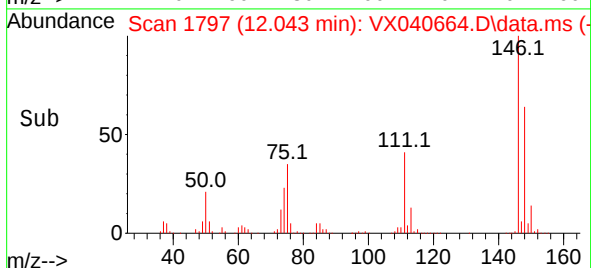
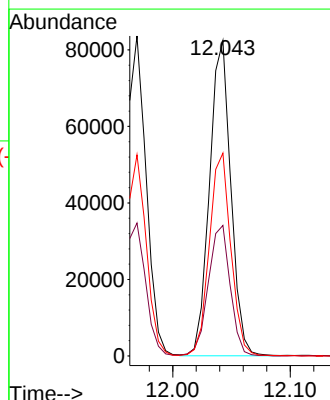
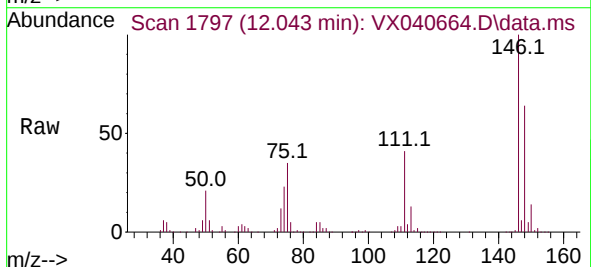
Instrument :
MSVOA_X
ClientSampleId :

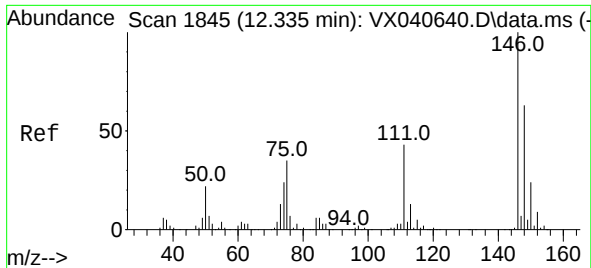
Tgt Ion:146 Resp: 101015
Ion Ratio Lower Upper
146 100
111 41.6 30.0 55.6
148 62.9 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 50.220 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX040664.D
Acq: 15 Mar 2024 19:27

Tgt Ion:146 Resp: 103923
Ion Ratio Lower Upper
146 100
111 41.4 28.8 53.4
148 64.3 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 53.052 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

ClientSampleId :

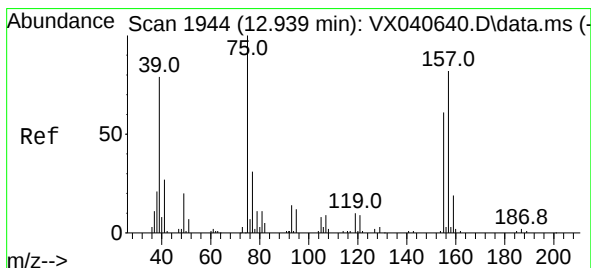
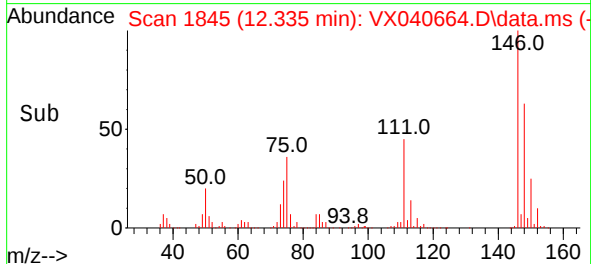
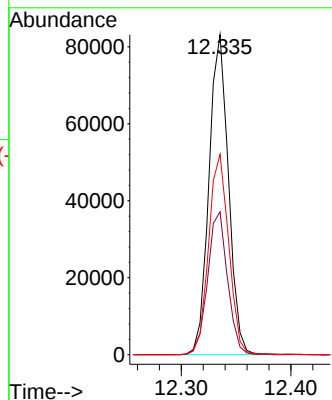
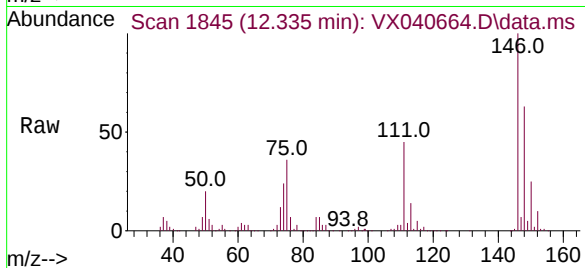
Tgt Ion:146 Resp: 102654

Ion Ratio Lower Upper

146 100

111 44.6 35.8 53.8

148 62.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 53.935 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

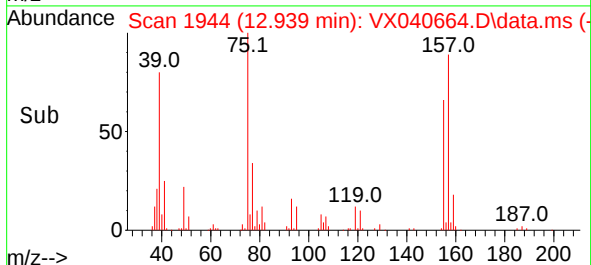
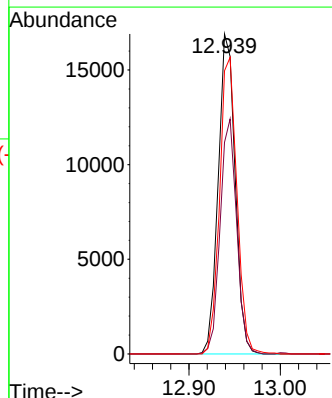
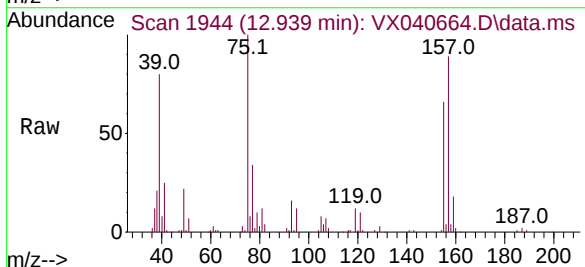
Tgt Ion: 75 Resp: 21782

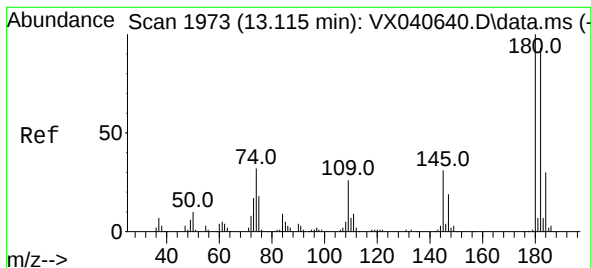
Ion Ratio Lower Upper

75 100

155 66.1 53.9 80.9

157 88.5 64.5 96.7





#69

1,3,5-Trichlorobenzene

Concen: 49.890 ug/L

RT: 13.110 min Scan# 1973

Delta R.T. -0.005 min

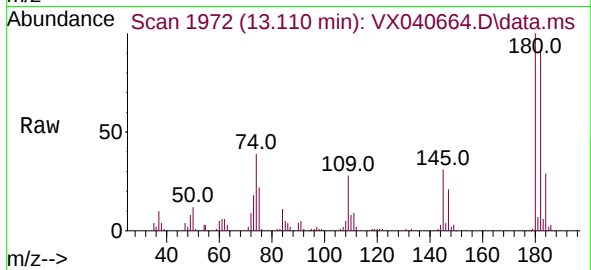
Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 68146

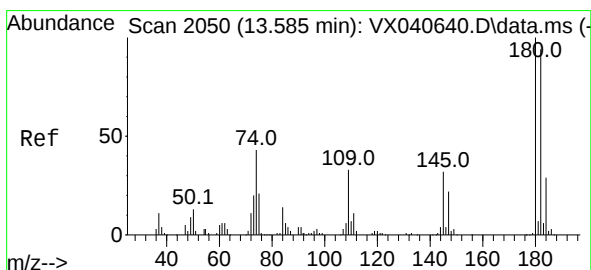
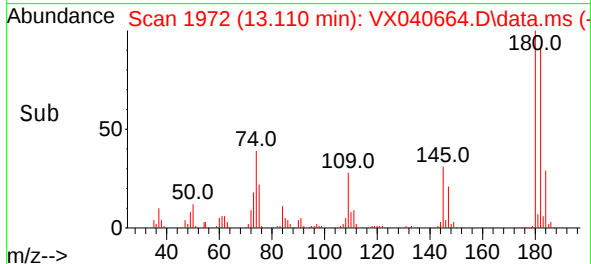
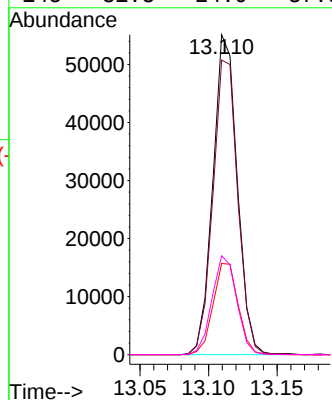
Ion Ratio Lower Upper

180 100

182 93.8 76.6 115.0

184 29.4 24.3 36.5

145 31.3 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 50.763 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

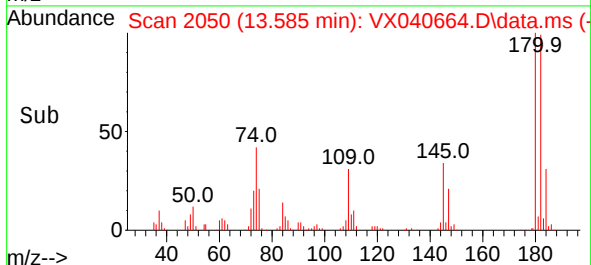
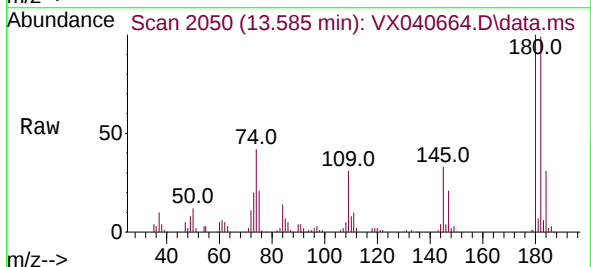
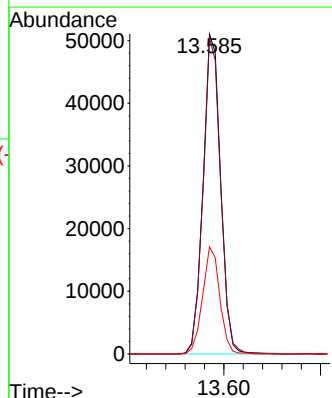
Tgt Ion:180 Resp: 64301

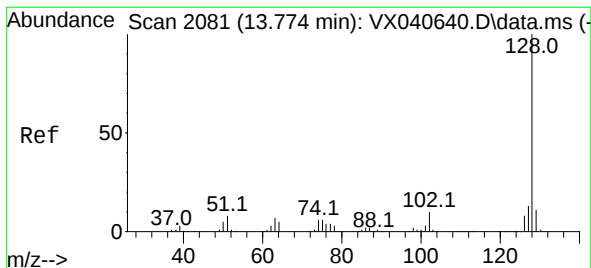
Ion Ratio Lower Upper

180 100

182 98.5 75.1 112.7

145 32.8 26.2 39.4





#71

Naphthalene

Concen: 57.691 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Instrument :

MSVOA_X

ClientSampleId :

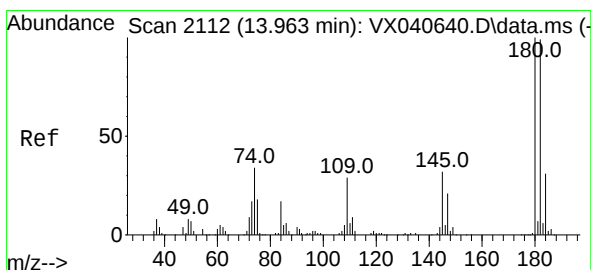
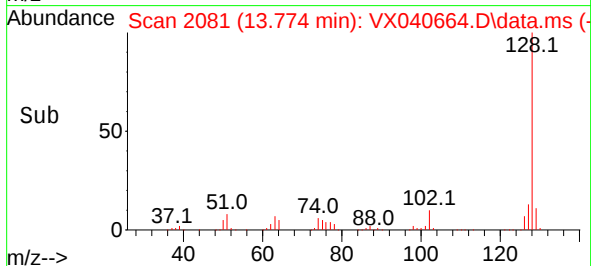
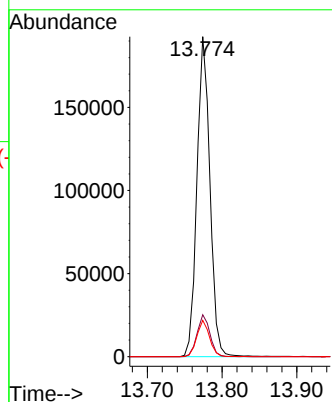
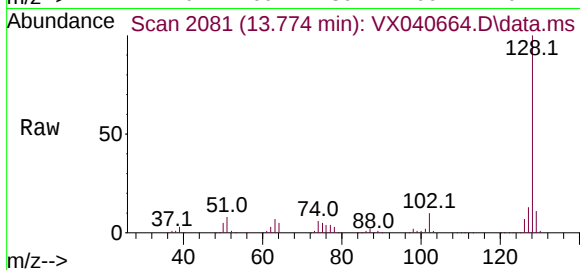
Tgt Ion:128 Resp: 232273

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 58.850 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040664.D

Acq: 15 Mar 2024 19:27

Tgt Ion:180 Resp: 73432

Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 33.1 27.8 41.8

