

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039073.D
 Acq On : 05 Dec 2023 10:38
 Operator : JC/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 06 02:09:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:08:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	272492	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	254405	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	123167	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	21338	9.984	ug/L	0.00
7) Chloroethane-d5	1.672	69	15687	9.930	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	9319	9.933	ug/L	0.00
21) 2-Butanone-d5	4.452	46	37637	19.454	ug/L	0.00
24) Chloroform-d	5.056	84	37193	9.830	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	25297	10.324	ug/L	0.00
32) Benzene-d6	5.970	84	78658	10.018	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	25188	9.969	ug/L	0.00
41) Toluene-d8	8.647	98	73122	10.277	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	12608	9.805	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	28788	19.076	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	35245	9.833	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	24065	10.337	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	22396	10.306	ug/L	100
3) Chloromethane	1.294	50	23239	10.231	ug/L	99
5) Vinyl chloride	1.374	62	23053	10.298	ug/L	100
6) Bromomethane	1.611	94	12875	10.655	ug/L	94
8) Chloroethane	1.691	64	13502	10.669	ug/L	97
9) Trichlorofluoromethane	1.892	101	30293	10.441	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	19001	10.182	ug/L	97
12) 1,1-Dichloroethene	2.325	96	17943	10.221	ug/L	86
13) Acetone	2.373	43	39035	21.003	ug/L	100
14) Carbon disulfide	2.514	76	57327	10.263	ug/L	98
15) Methyl Acetate	2.697	43	26882	10.119	ug/L	98
16) Methylene chloride	2.788	84	20483	10.156	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	18810	10.170	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	66943	10.398	ug/L	99
19) 1,1-Dichloroethane	3.605	63	37654	10.296	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	21928	10.221	ug/L	97
22) 2-Butanone	4.556	43	46852	20.541	ug/L	99
23) Bromochloromethane	4.897	128	10274	10.188	ug/L	80
25) Chloroform	5.092	83	37404	10.254	ug/L	98
27) 1,2-Dichloroethane	6.086	62	29588	10.277	ug/L #	94
29) Cyclohexane	5.476	56	36878	10.362	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	31822	10.309	ug/L	99
31) Carbon tetrachloride	5.672	117	26040	10.111	ug/L	99
33) Benzene	6.037	78	83768	10.361	ug/L	100
34) Trichloroethene	7.129	95	21772	10.190	ug/L	94
35) Methylcyclohexane	7.379	83	37627	10.574	ug/L	99
37) 1,2-Dichloropropane	7.433	63	23203	10.348	ug/L	100
38) Bromodichloromethane	7.824	83	27705	10.159	ug/L #	98
39) cis-1,3-Dichloropropene	8.366	75	36157	10.111	ug/L	98
40) 4-Methyl-2-pentanone	8.567	43	76505	20.358	ug/L	98
42) Toluene	8.720	91	89369	10.424	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	32436	9.774	ug/L	97

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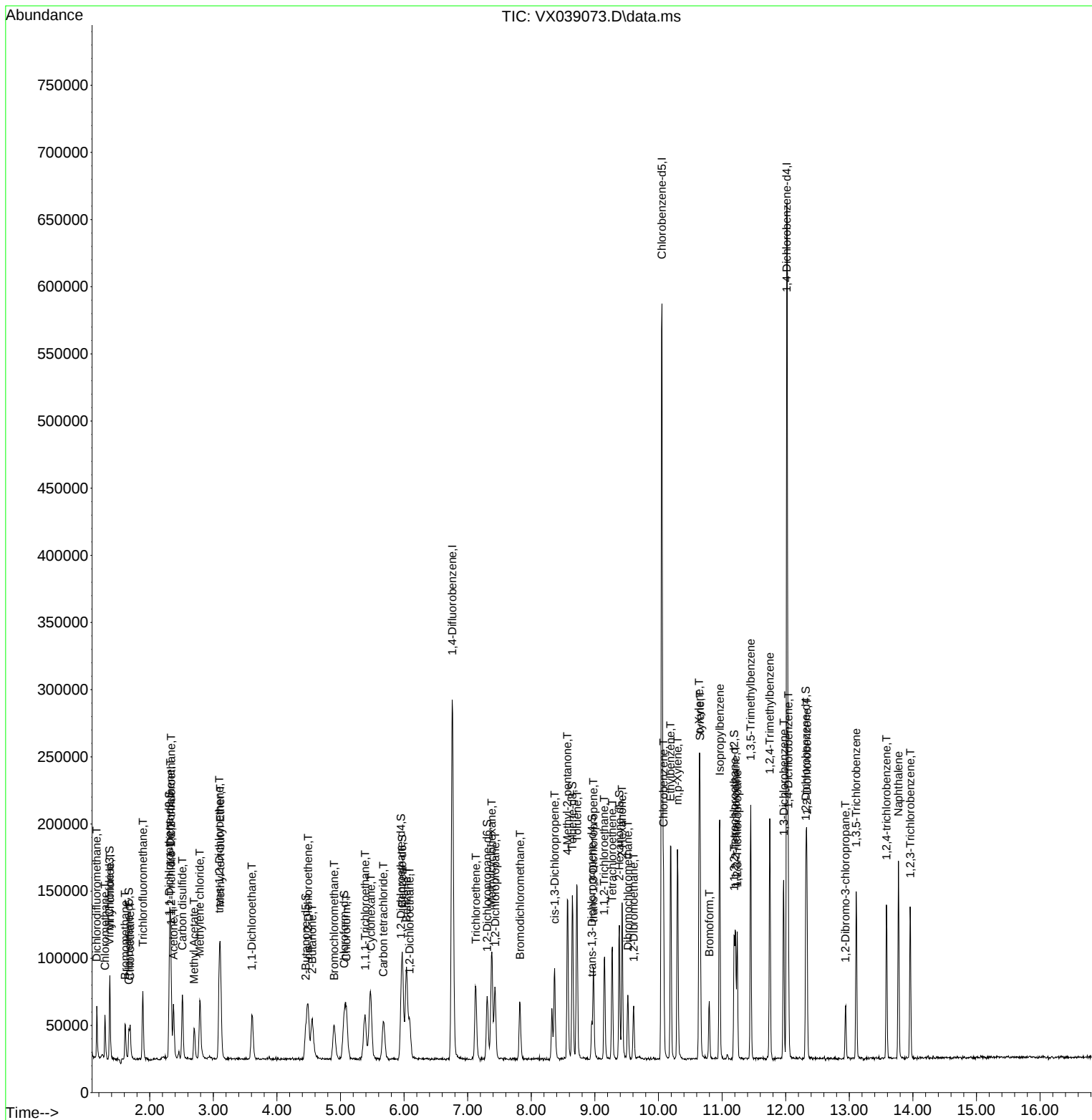
Instrument :
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 ClientSampleId :

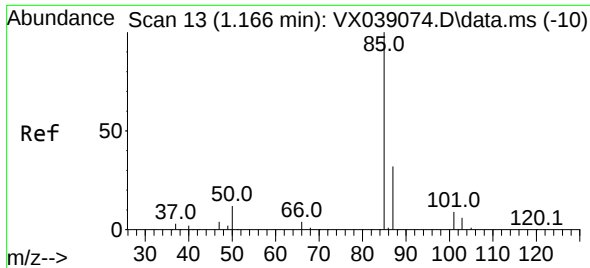
Quant Time: Dec 06 02:09:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:08:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	20806	10.125	ug/L	98
46) Tetrachloroethene	9.275	164	14613	10.368	ug/L	97
48) 2-Hexanone	9.427	43	62563	19.891	ug/L	99
49) Dibromochloromethane	9.518	129	19570	9.776	ug/L	99
50) 1,2-Dibromoethane	9.610	107	22737	10.328	ug/L	98
51) Chlorobenzene	10.079	112	55707	10.519	ug/L	98
52) Ethylbenzene	10.189	91	99129	10.343	ug/L	99
53) m,p-Xylene	10.299	106	37723	10.527	ug/L	100
54) o-Xylene	10.640	106	35841	10.423	ug/L	99
55) Styrene	10.652	104	59604	10.131	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	36311	10.126	ug/L	99
59) Bromoform	10.799	173	14800	10.224	ug/L	100
60) Isopropylbenzene	10.963	105	96167	10.685	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	28939	10.726	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	79321	10.440	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	78354	10.517	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	40931	10.626	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	41600	10.657	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	39332	10.674	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	8440	10.023	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	26400	10.363	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	24603	10.244	ug/L	98
71) Naphthalene	13.774	128	84960	10.315	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	23824	10.245	ug/L	97

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

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Quant Title : VOC Analysis
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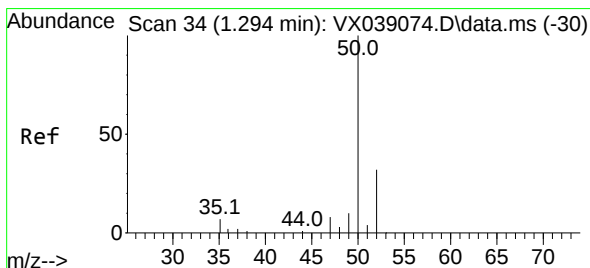
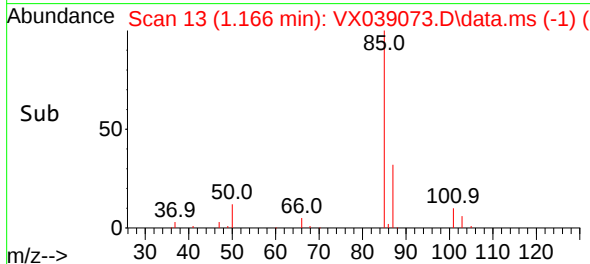
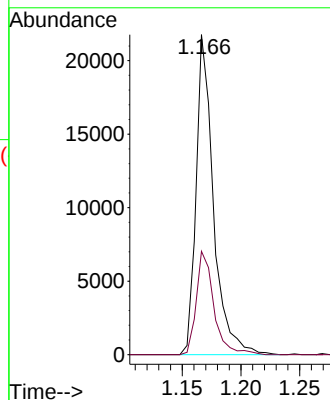
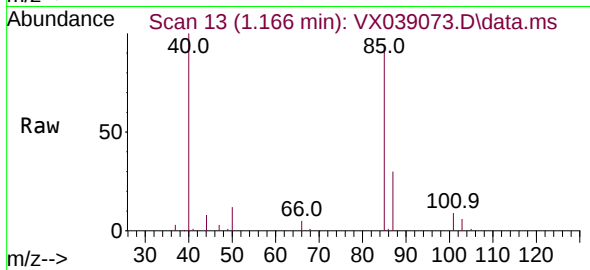




#2
 Dichlorodifluoromethane
 Concen: 10.306 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039073.D
 Acq: 05 Dec 2023 10:38

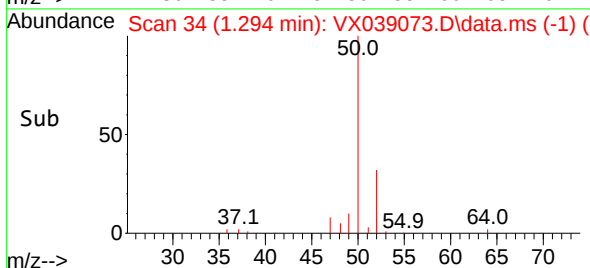
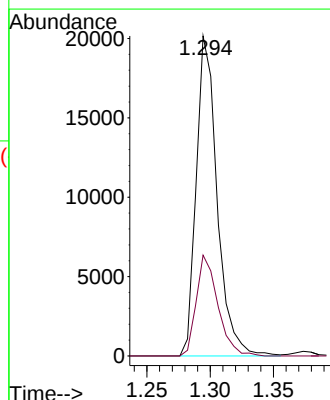
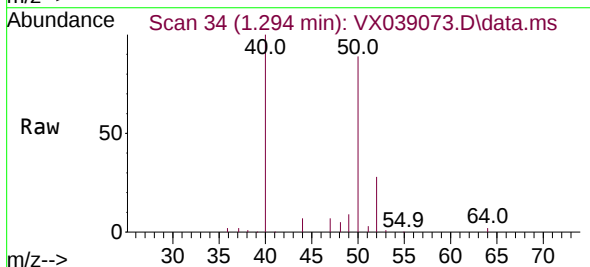
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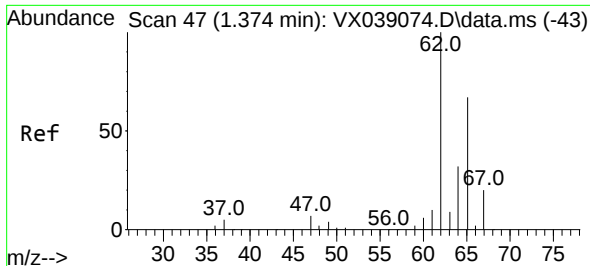
Tgt Ion: 85 Resp: 22396
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 10.231 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX039073.D
 Acq: 05 Dec 2023 10:38

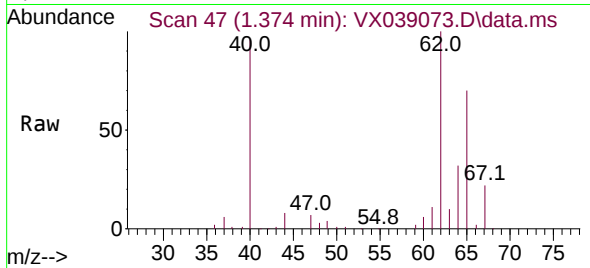
Tgt Ion: 50 Resp: 23239
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.4 41.6



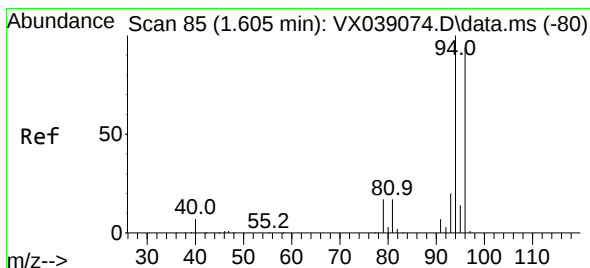
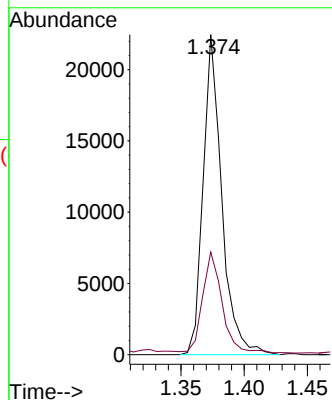
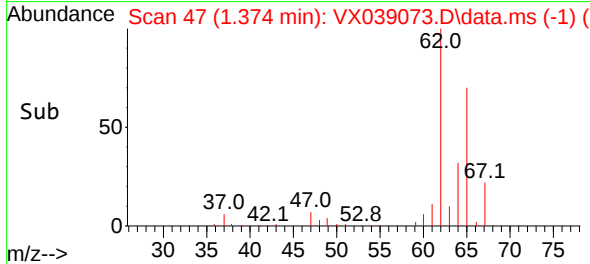


#5
 Vinyl chloride
 Concen: 10.298 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039073.D
 Acq: 05 Dec 2023 10:38

Instrument :
 MSVOA_X
 ClientSampleId :

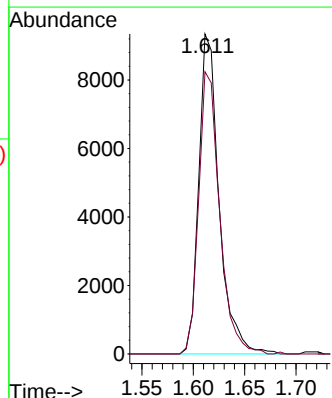
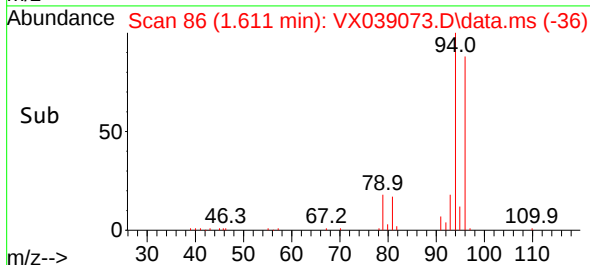
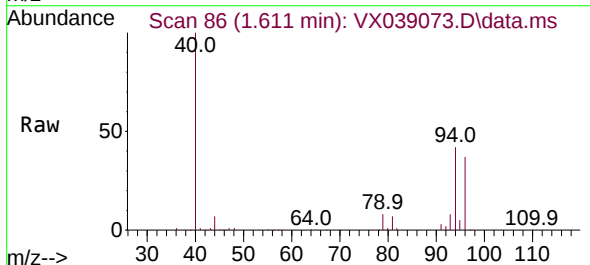


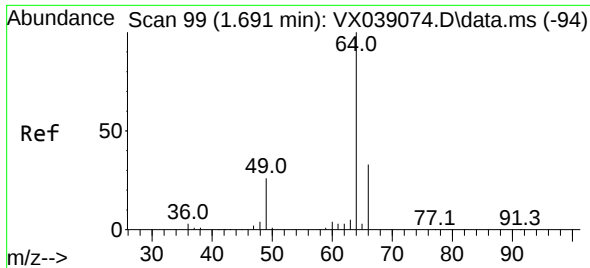
Tgt Ion: 62 Resp: 23053
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.3 41.3



#6
 Bromomethane
 Concen: 10.655 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX039073.D
 Acq: 05 Dec 2023 10:38

Tgt Ion: 94 Resp: 12875
 Ion Ratio Lower Upper
 94 100
 96 88.2 65.8 122.2

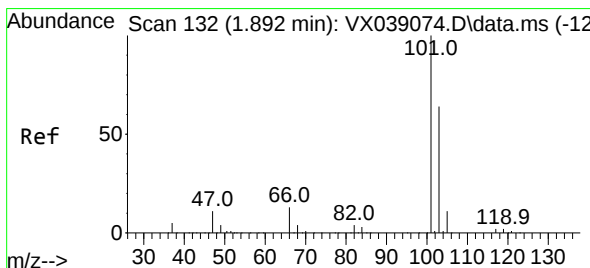
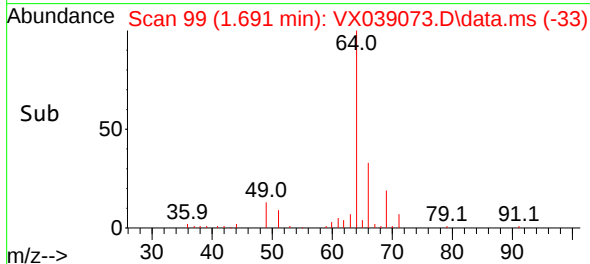
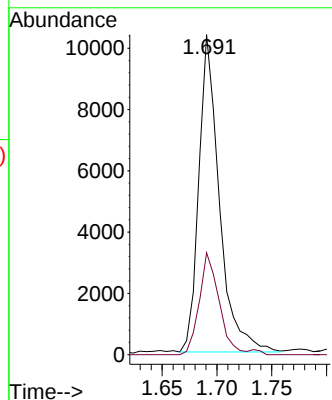
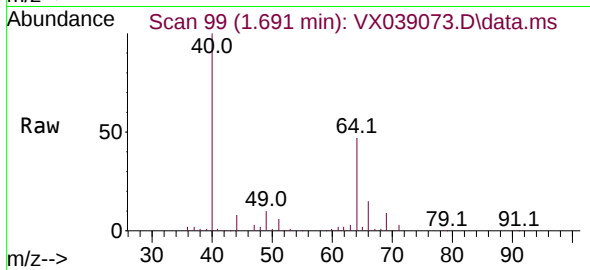




#8
Chloroethane
Concen: 10.669 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

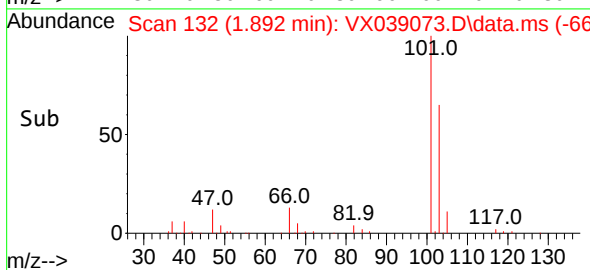
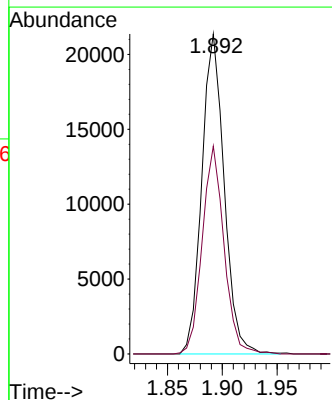
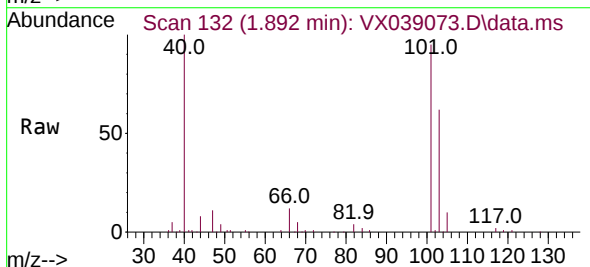
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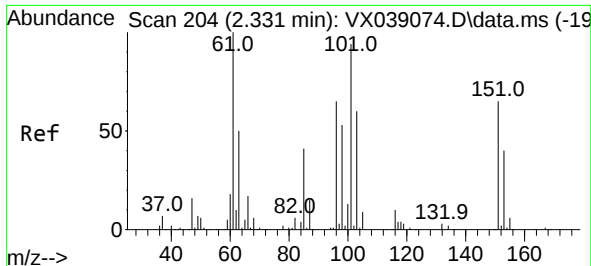
Tgt Ion: 64 Resp: 13502
Ion Ratio Lower Upper
64 100
66 31.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 10.441 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

Tgt Ion:101 Resp: 30293
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

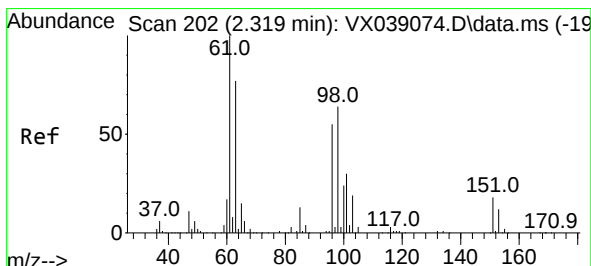
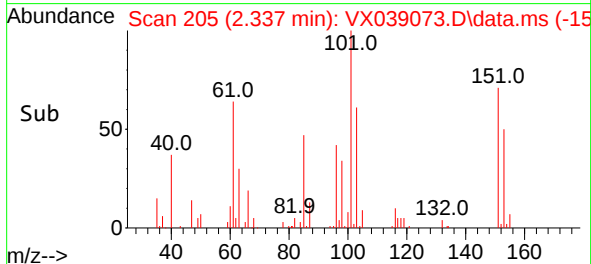
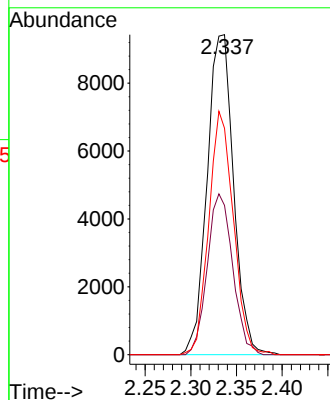
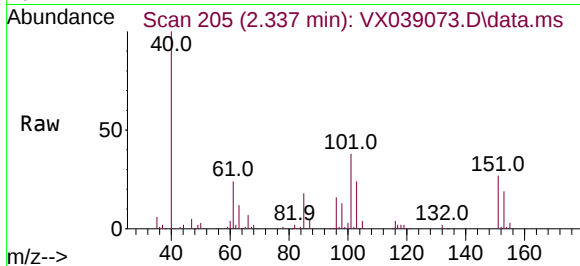




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.182 ug/L
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

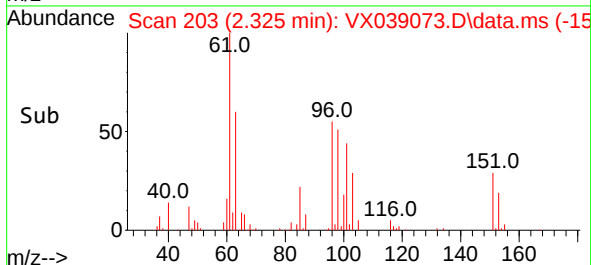
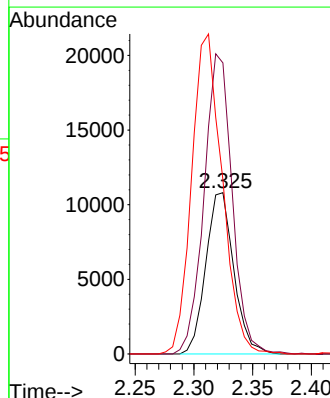
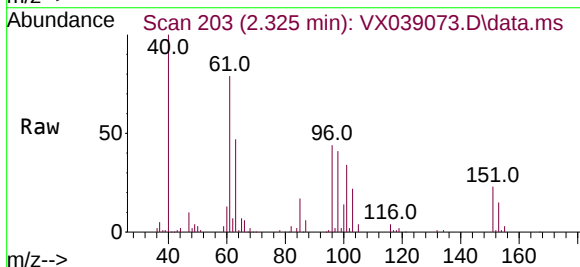
Instrument :
MSVOA_X
ClientSampleId :

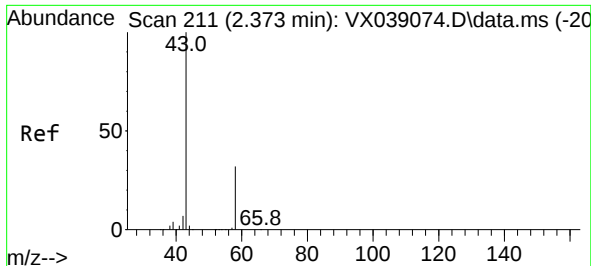
Tgt Ion:101 Resp: 19001
Ion Ratio Lower Upper
101 100
85 48.1 35.8 53.6
151 70.5 55.4 83.2



#12
1,1-Dichloroethene
Concen: 10.221 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

Tgt Ion: 96 Resp: 17943
Ion Ratio Lower Upper
96 100
61 180.5 128.0 237.6
63 108.1 101.5 188.5





#13

Acetone

Concen: 21.003 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

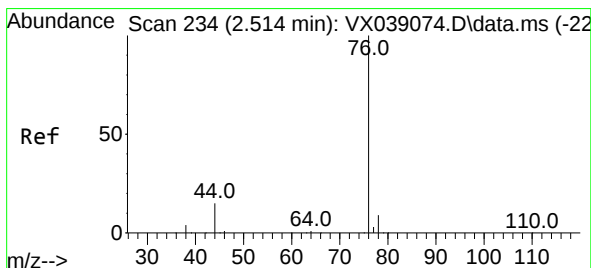
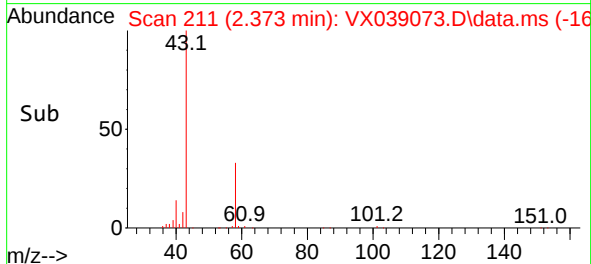
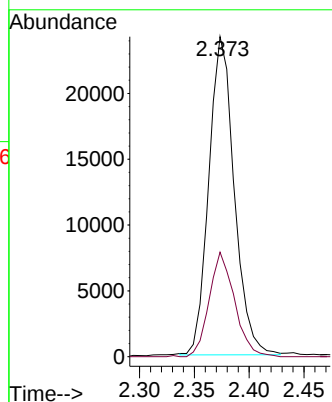
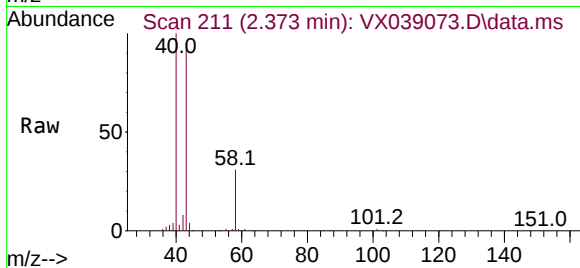
ClientSampleId :

Tgt Ion: 43 Resp: 39035

Ion Ratio Lower Upper

43 100

58 32.7 0.0 65.8



#14

Carbon disulfide

Concen: 10.263 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX039073.D

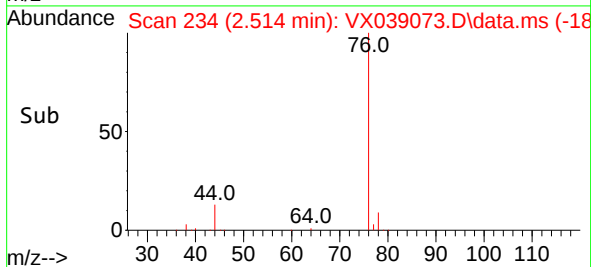
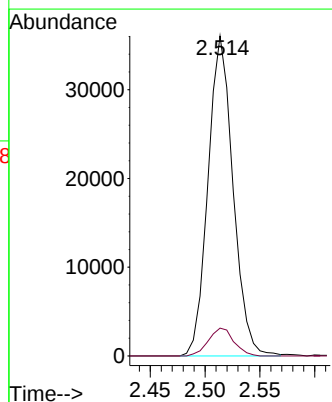
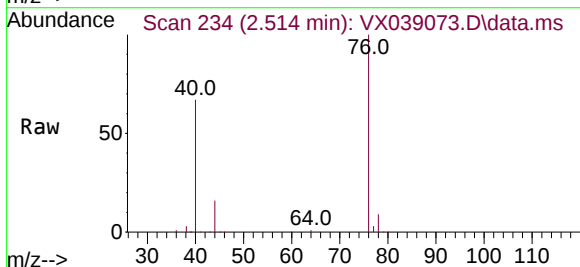
Acq: 05 Dec 2023 10:38

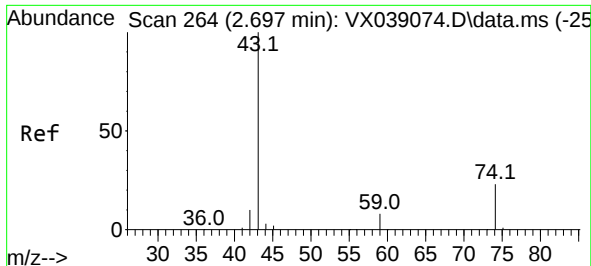
Tgt Ion: 76 Resp: 57327

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

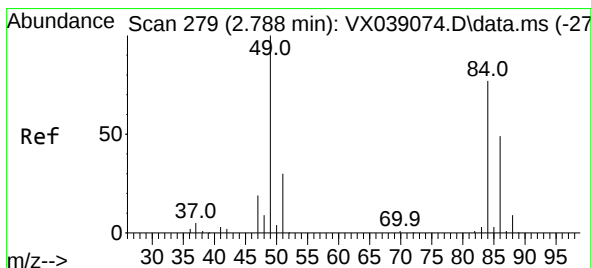
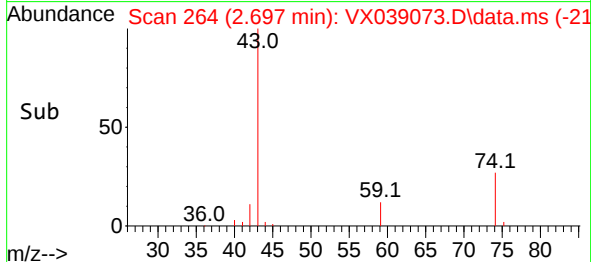
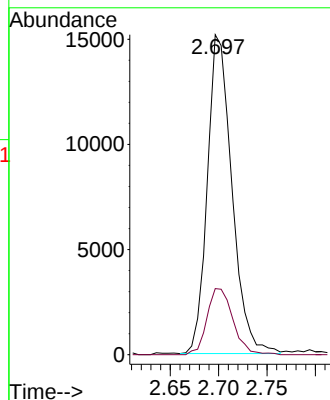
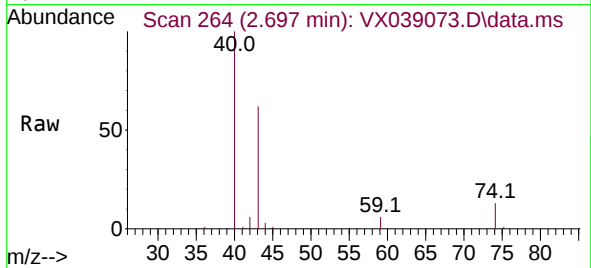




#15
Methyl Acetate
Concen: 10.119 ug/L
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

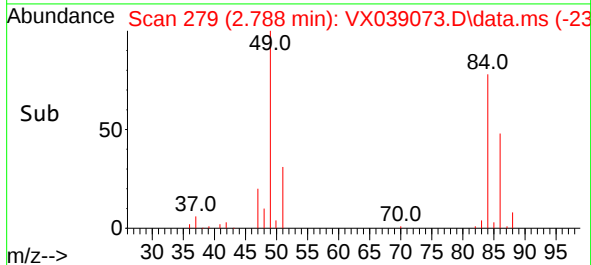
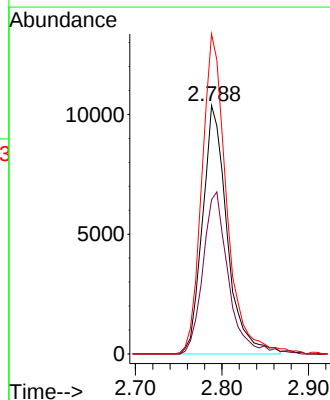
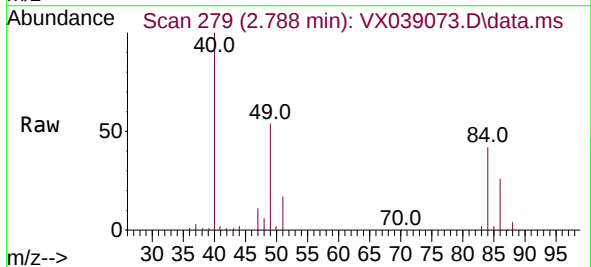
Instrument :
MSVOA_X
ClientSampleId :

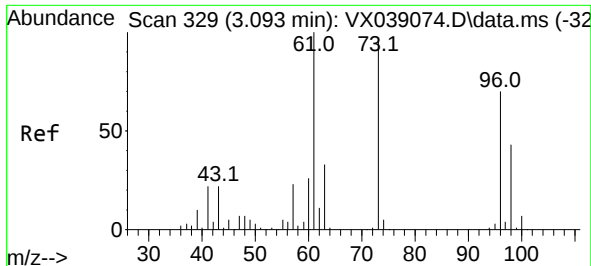
Tgt Ion: 43 Resp: 26882
Ion Ratio Lower Upper
43 100
74 21.7 18.2 27.4



#16
Methylene chloride
Concen: 10.156 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

Tgt Ion: 84 Resp: 20483
Ion Ratio Lower Upper
84 100
86 62.1 44.7 82.9
49 128.8 90.9 168.7





#17

trans-1,2-Dichloroethene

Concen: 10.170 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

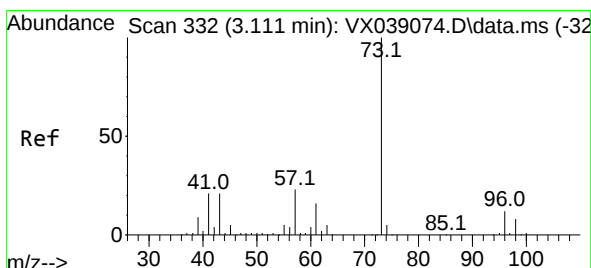
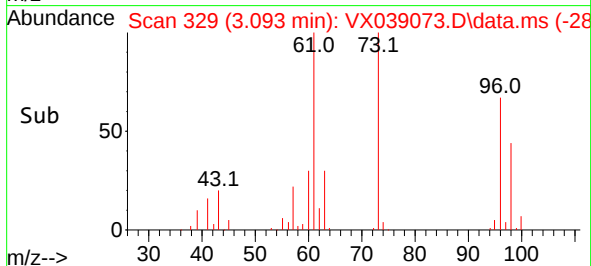
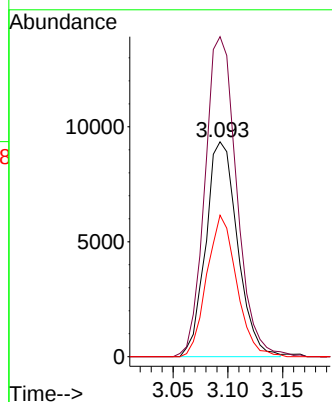
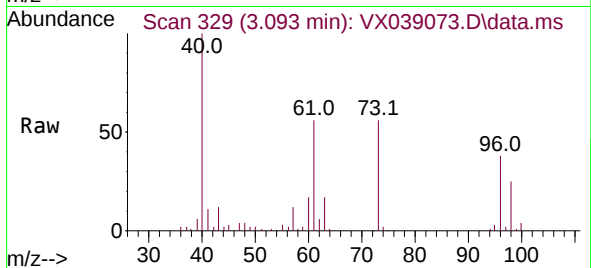
Tgt Ion: 96 Resp: 18810

Ion Ratio Lower Upper

96 100

61 149.0 99.8 185.3

98 65.8 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 10.398 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

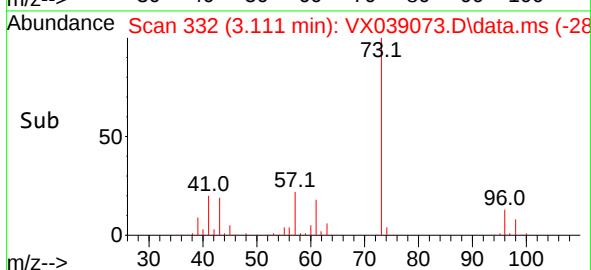
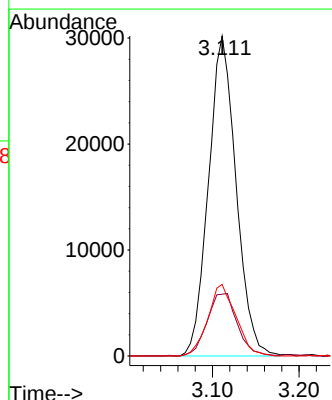
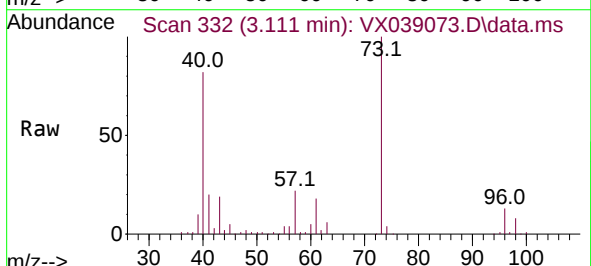
Tgt Ion: 73 Resp: 66943

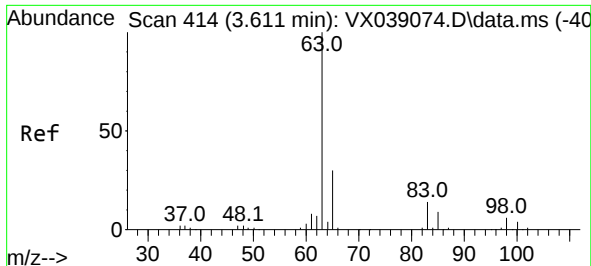
Ion Ratio Lower Upper

73 100

43 21.2 16.9 25.3

57 22.7 18.5 27.7





#19

1,1-Dichloroethane

Concen: 10.296 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039073.D

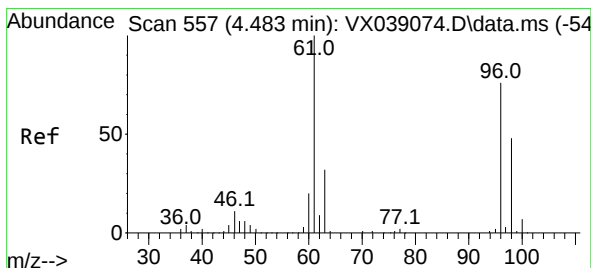
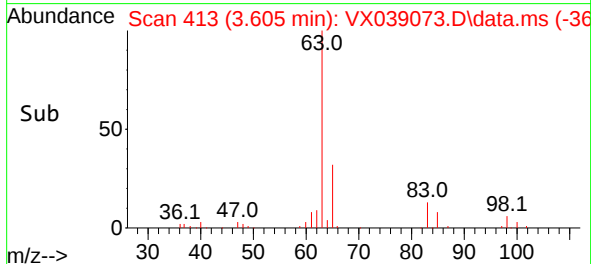
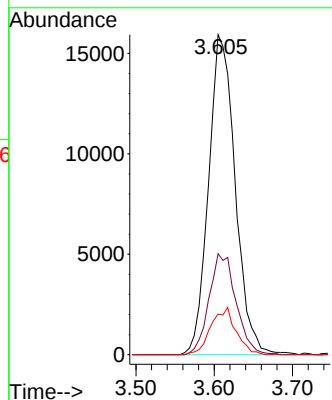
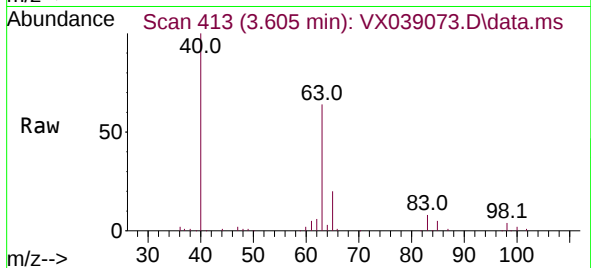
Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 37654
Ion Ratio	Lower Upper
63	100
65	31.5 21.1 39.3
83	12.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 10.221 ug/L

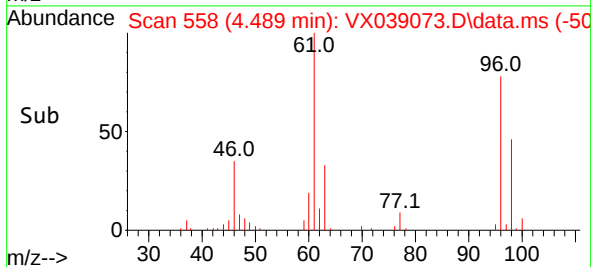
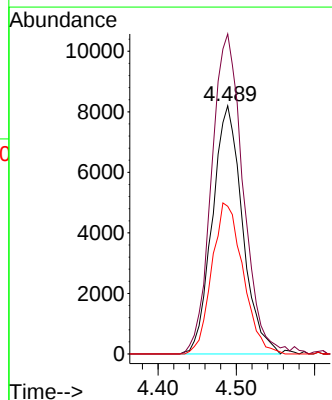
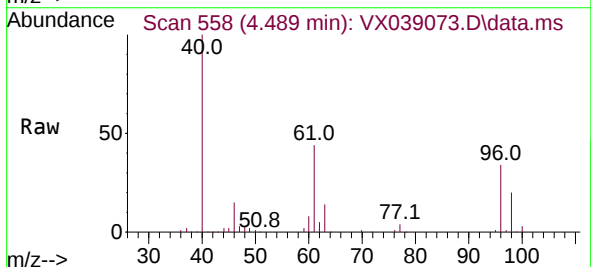
RT: 4.489 min Scan# 558

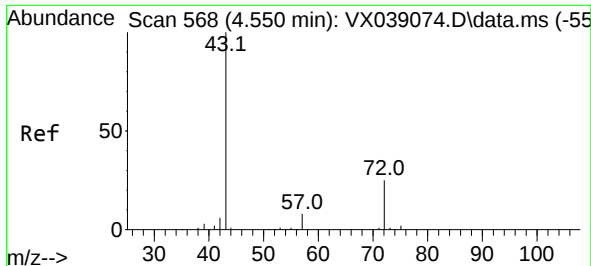
Delta R.T. 0.006 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Tgt Ion: 96	Resp: 21928
Ion Ratio	Lower Upper
96	100
61	128.9 91.7 170.3
98	59.5 44.2 82.2

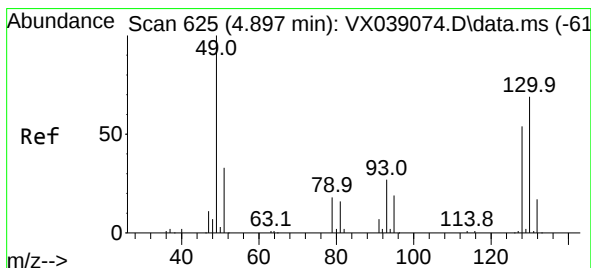
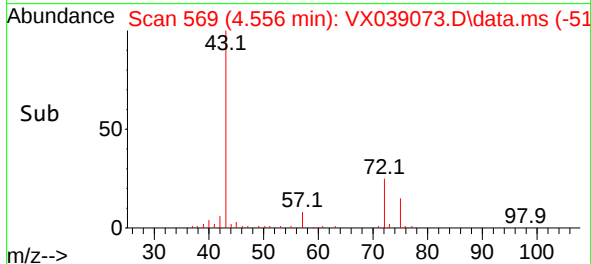
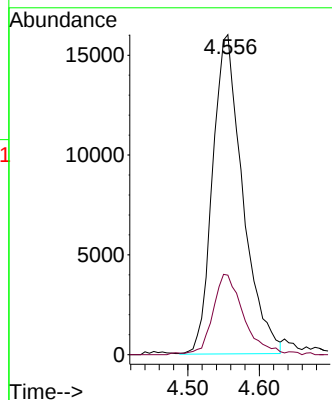
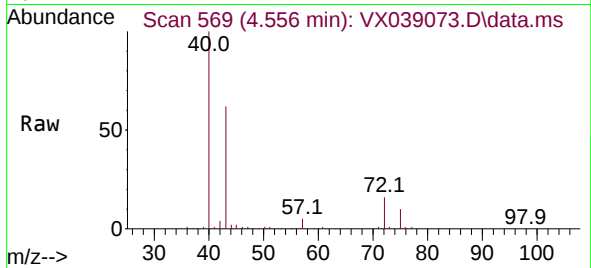




#22
2-Butanone
Concen: 20.541 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

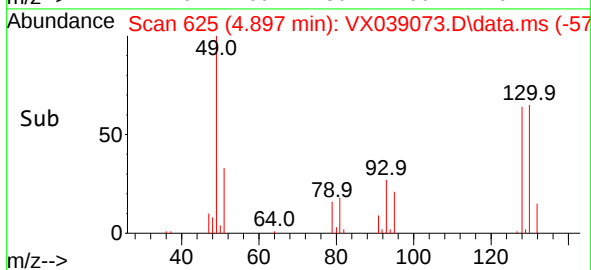
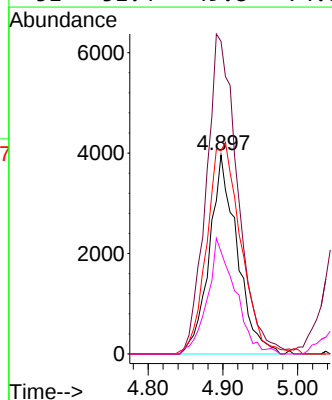
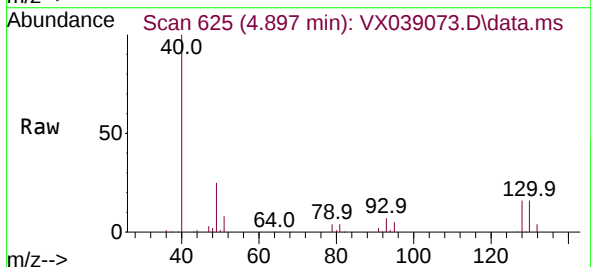
Instrument :
MSVOA_X
ClientSampleId :

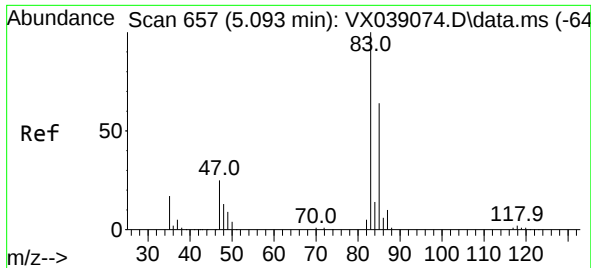
Tgt Ion: 43 Resp: 46852
Ion Ratio Lower Upper
43 100
72 25.4 12.6 37.6



#23
Bromochloromethane
Concen: 10.188 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

Tgt Ion:128 Resp: 10274
Ion Ratio Lower Upper
128 100
49 157.2 130.8 243.0
130 102.3 90.6 168.3
51 51.4 49.8 74.8

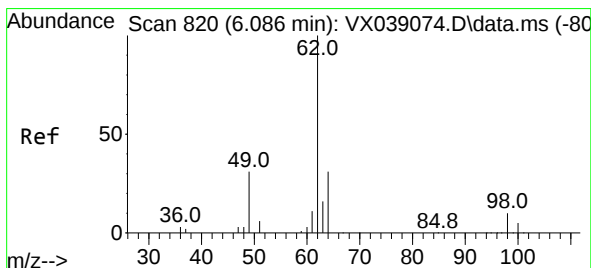
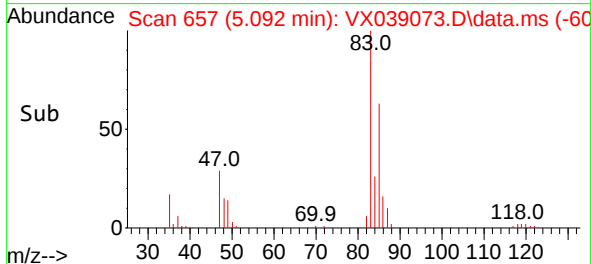
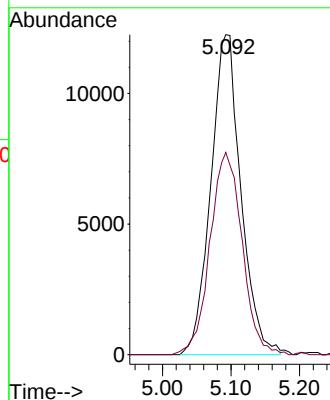
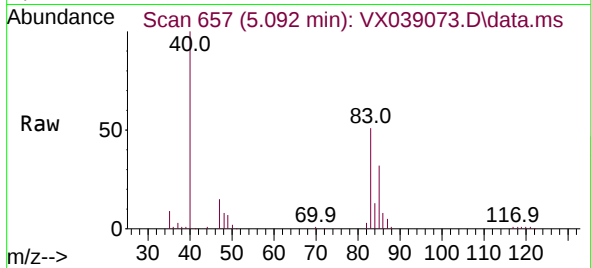




#25
Chloroform
Concen: 10.254 ug/L
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

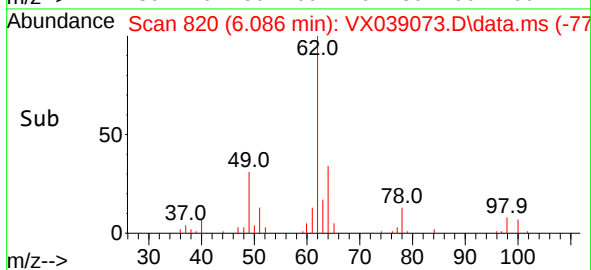
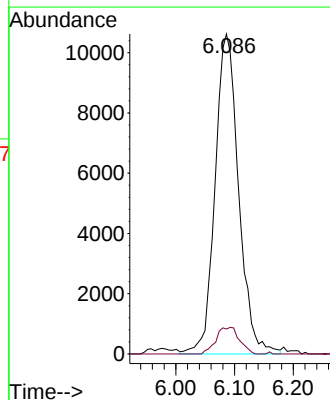
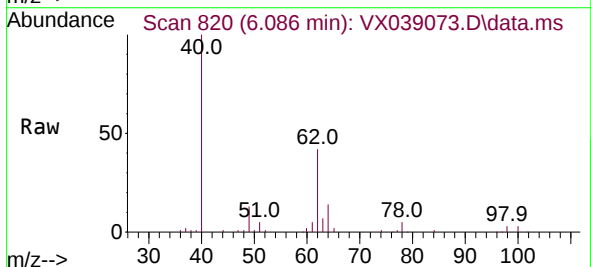
Instrument :
MSVOA_X
ClientSampleId :

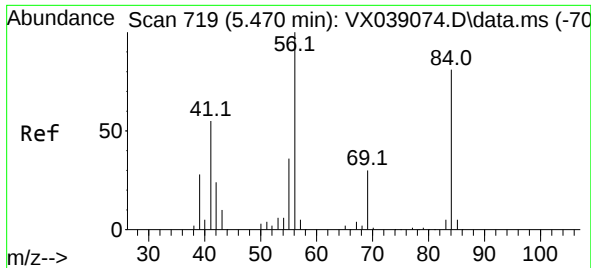
Tgt Ion: 83 Resp: 37404
Ion Ratio Lower Upper
83 100
85 63.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 10.277 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

Tgt Ion: 62 Resp: 29588
Ion Ratio Lower Upper
62 100
98 7.8 8.0 12.0#





#29

Cyclohexane

Concen: 10.362 ug/L

RT: 5.476 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

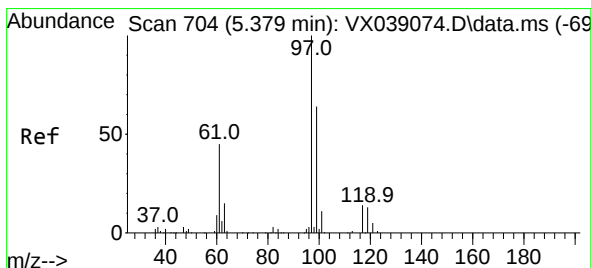
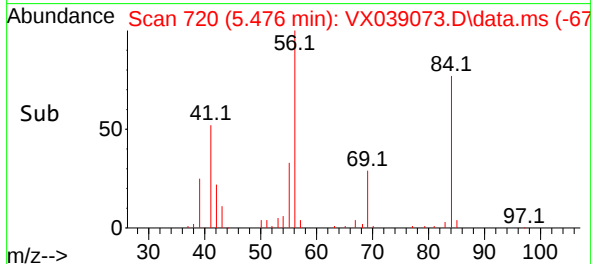
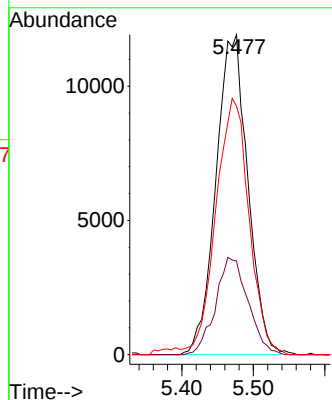
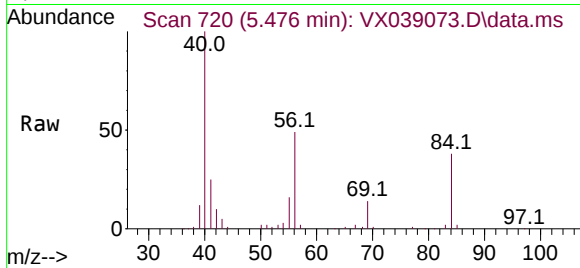
Tgt Ion: 56 Resp: 36878

Ion Ratio Lower Upper

56 100

69 30.9 24.5 36.7

84 83.1 67.0 100.4



#30

1,1,1-Trichloroethane

Concen: 10.309 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

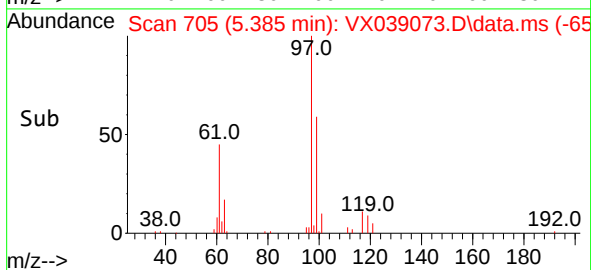
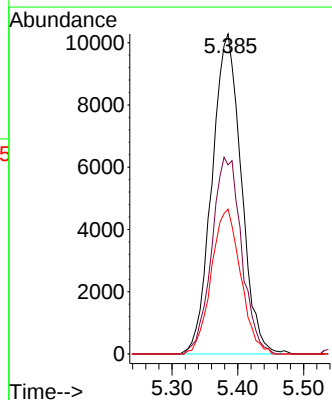
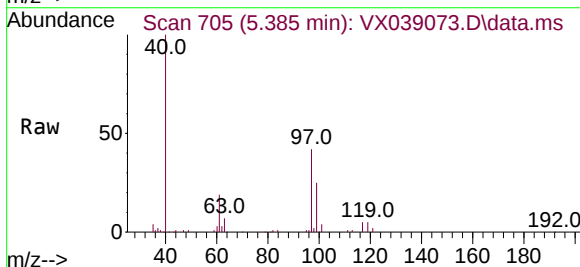
Tgt Ion: 97 Resp: 31822

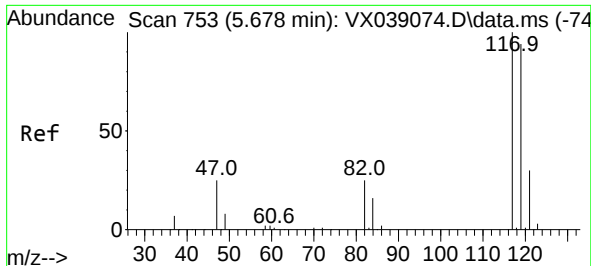
Ion Ratio Lower Upper

97 100

99 62.7 51.0 76.4

61 45.4 36.7 55.1

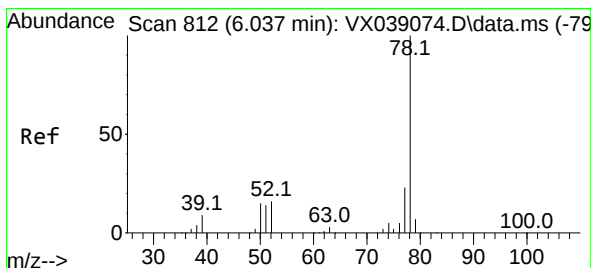
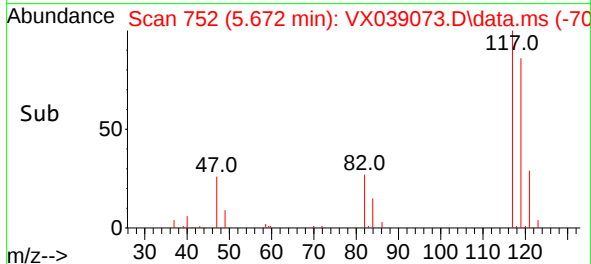
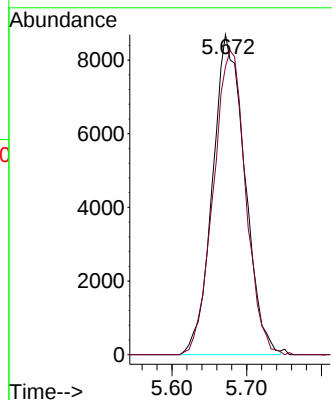
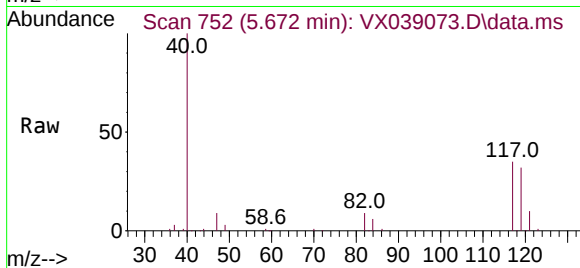




#31
Carbon tetrachloride
Concen: 10.111 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

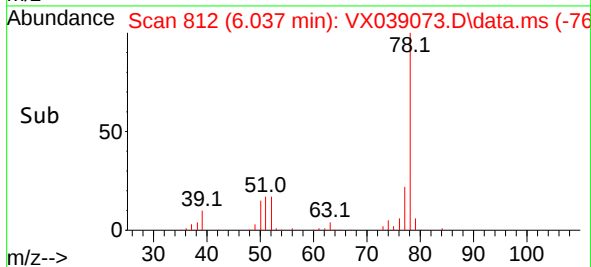
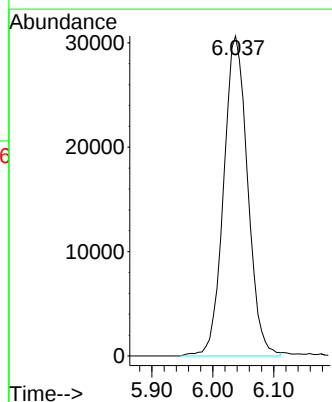
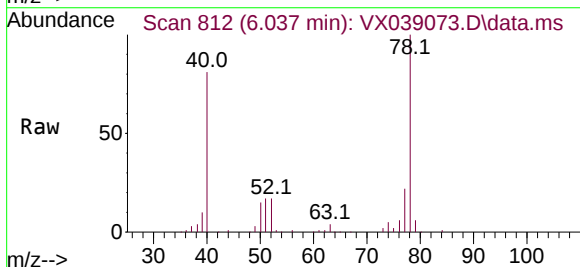
Instrument :
MSVOA_X
ClientSampleId :

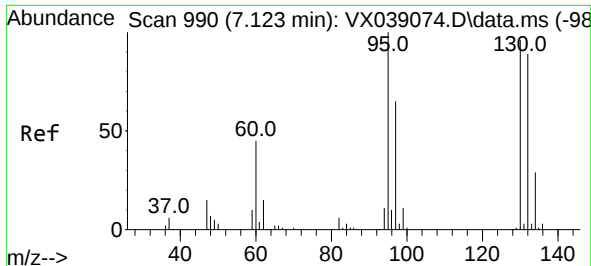
Tgt Ion:117 Resp: 26040
Ion Ratio Lower Upper
117 100
119 95.3 77.0 115.4



#33
Benzene
Concen: 10.361 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

Tgt Ion: 78 Resp: 83768

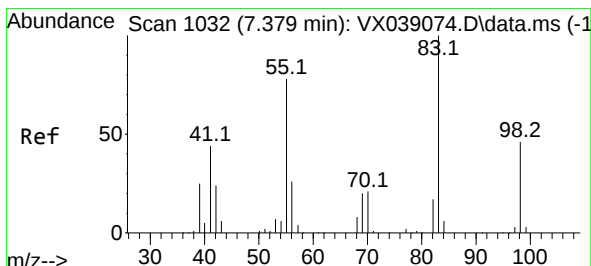
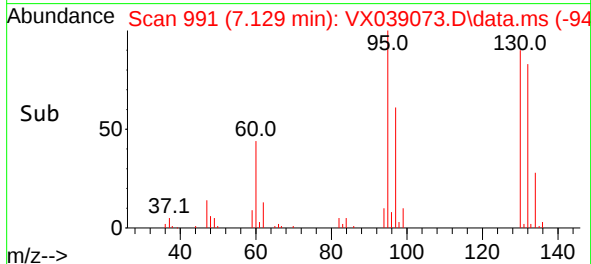
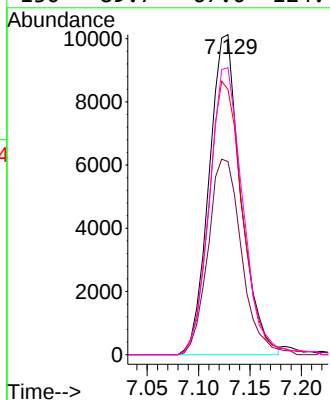
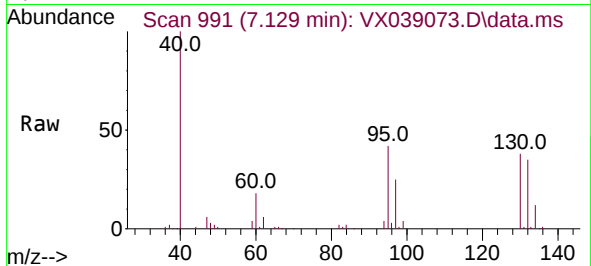




#34
Trichloroethene
Concen: 10.190 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

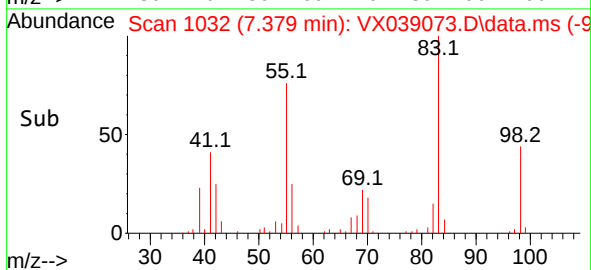
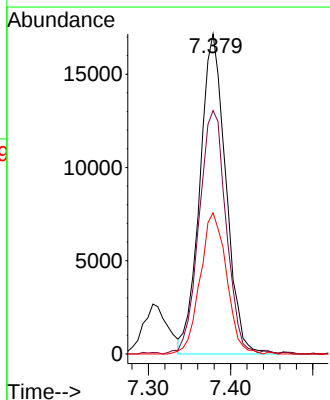
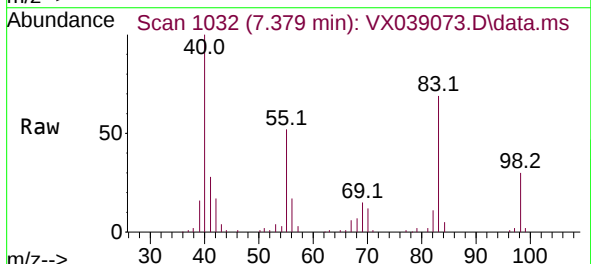
Instrument :
MSVOA_X
ClientSampleId :

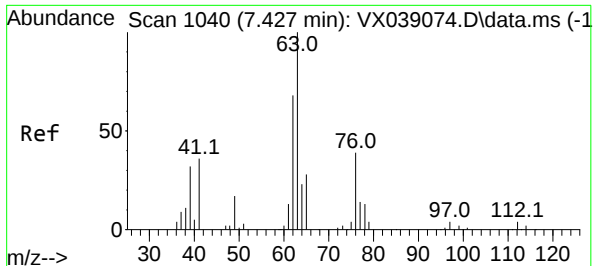
Tgt Ion: 95 Resp: 21772
Ion Ratio Lower Upper
95 100
97 60.3 45.5 84.5
132 82.8 62.2 115.4
130 89.7 67.0 124.4



#35
Methylcyclohexane
Concen: 10.574 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

Tgt Ion: 83 Resp: 37627
Ion Ratio Lower Upper
83 100
55 79.1 62.5 93.7
98 44.7 36.1 54.1





#37

1,2-Dichloropropane

Concen: 10.348 ug/L

RT: 7.433 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

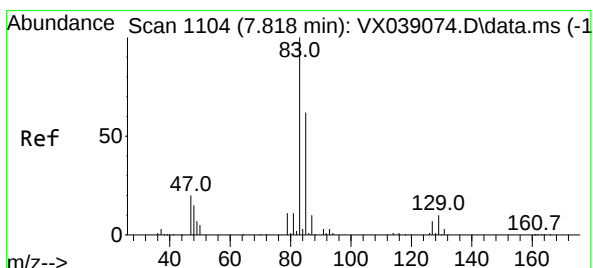
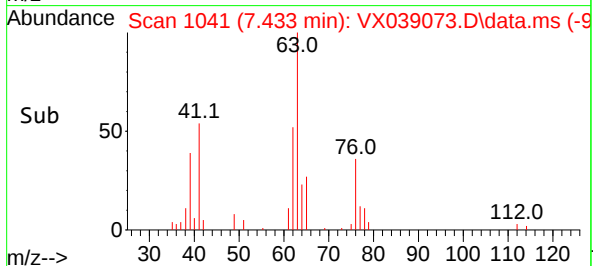
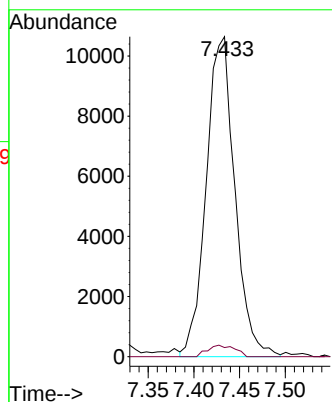
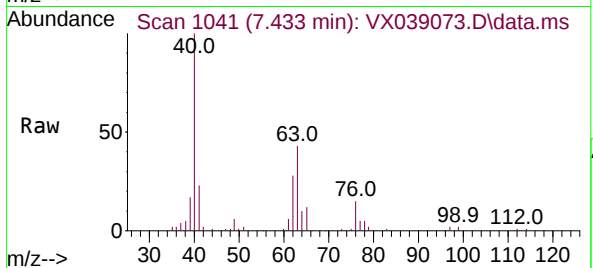
ClientSampleId :

Tgt Ion: 63 Resp: 23203

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 10.159 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

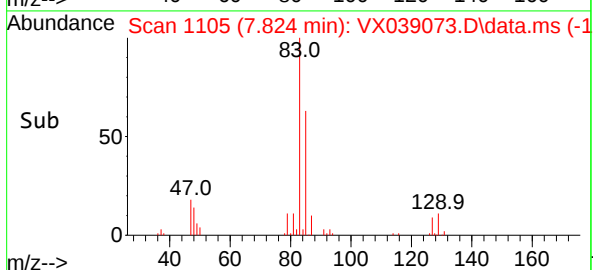
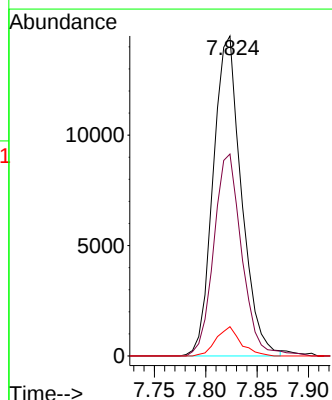
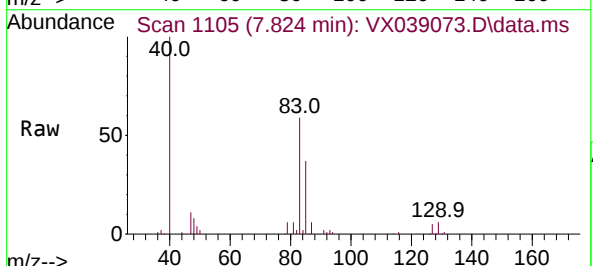
Tgt Ion: 83 Resp: 27705

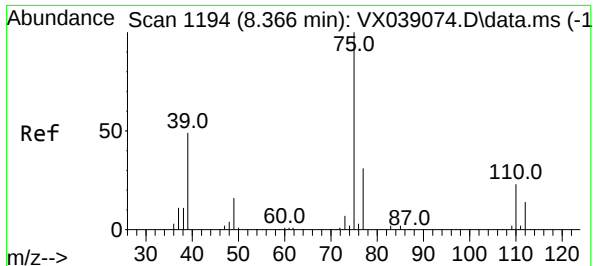
Ion Ratio Lower Upper

83 100

85 63.1 43.3 80.5

127 10.0 5.8 8.6#





#39

cis-1,3-Dichloropropene

Concen: 10.111 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

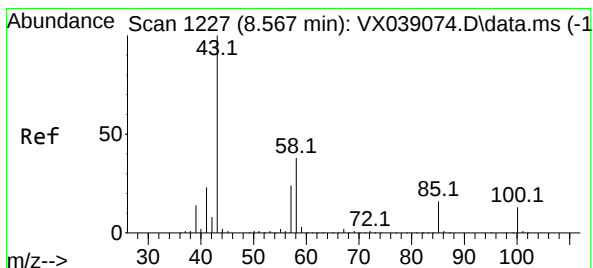
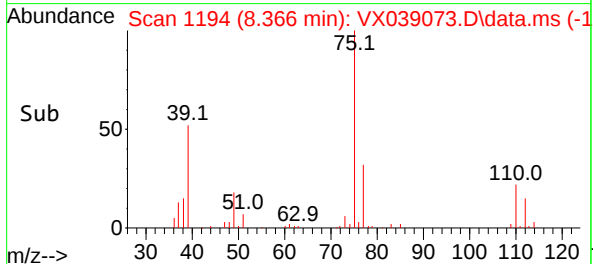
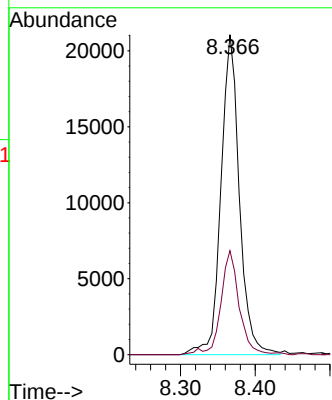
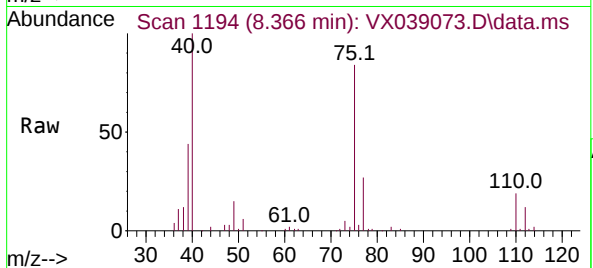
ClientSampleId :

Tgt Ion: 75 Resp: 36157

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 20.358 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

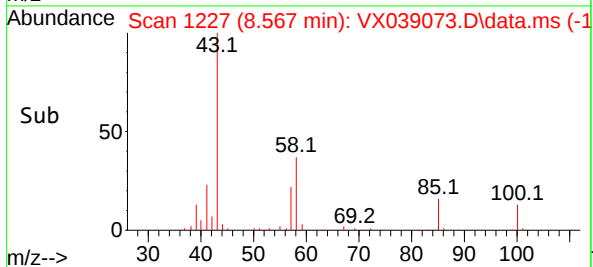
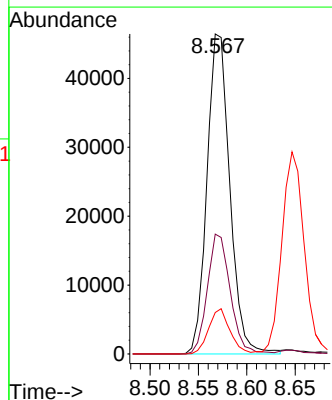
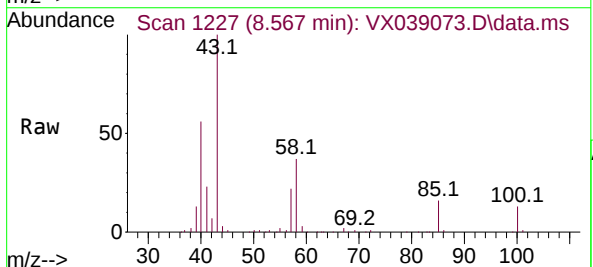
Tgt Ion: 43 Resp: 76505

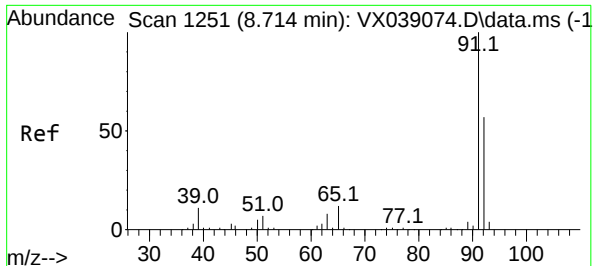
Ion Ratio Lower Upper

43 100

58 37.1 30.9 46.3

100 13.5 10.6 16.0





#42

Toluene

Concen: 10.424 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

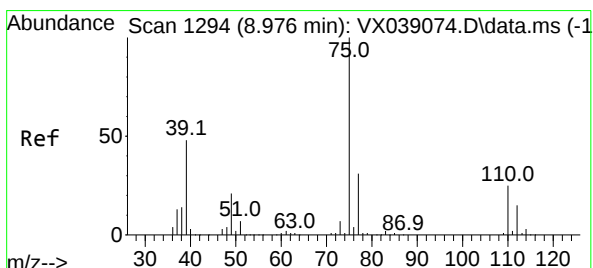
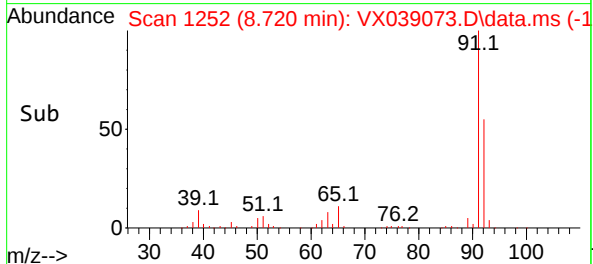
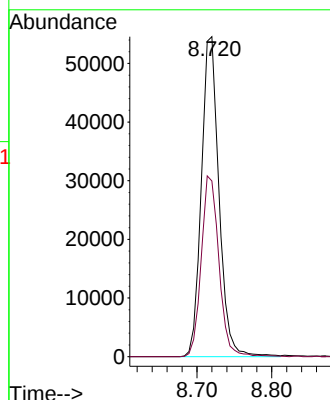
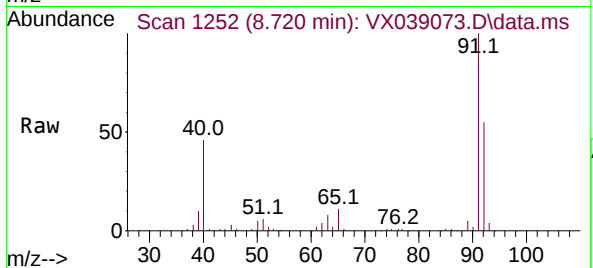
ClientSampleId :

Tgt Ion: 91 Resp: 89369

Ion Ratio Lower Upper

91 100

92 54.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 9.774 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX039073.D

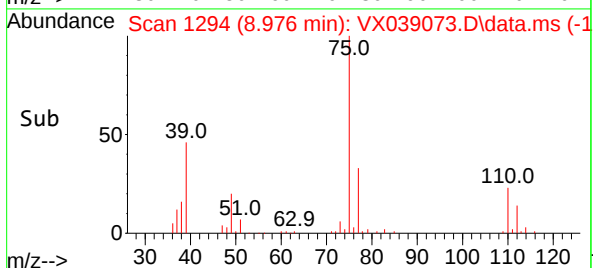
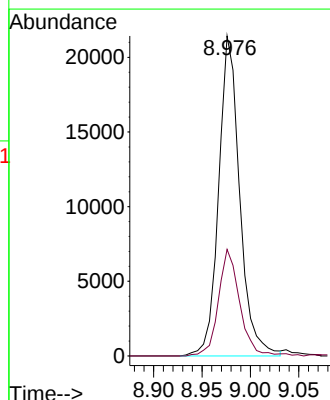
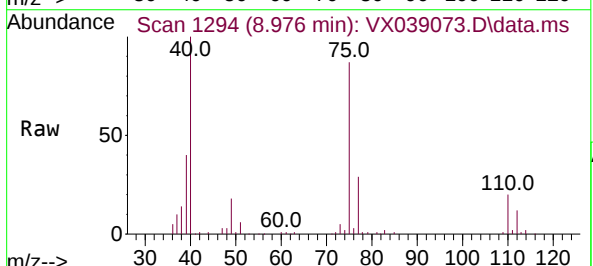
Acq: 05 Dec 2023 10:38

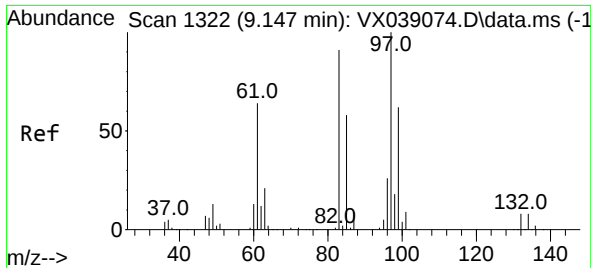
Tgt Ion: 75 Resp: 32436

Ion Ratio Lower Upper

75 100

77 33.3 22.0 40.8

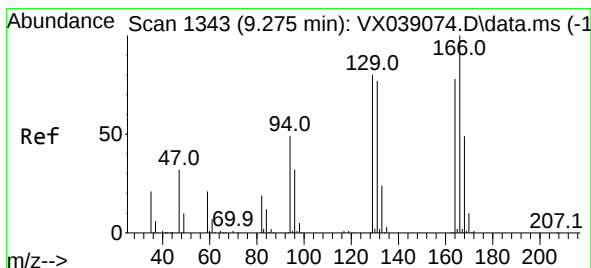
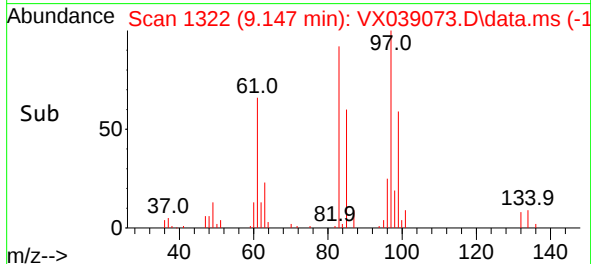
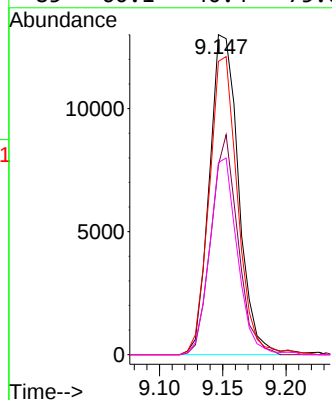
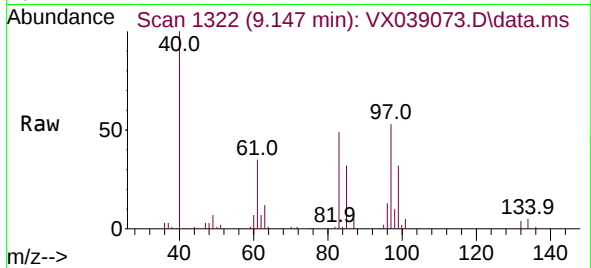




#45
1,1,2-Trichloroethane
Concen: 10.125 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

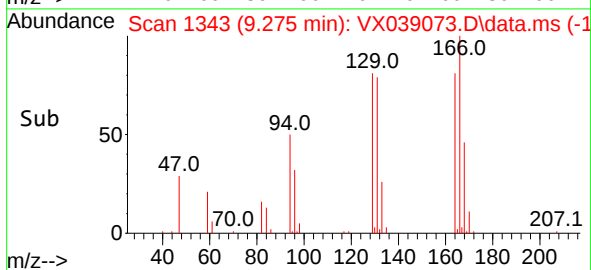
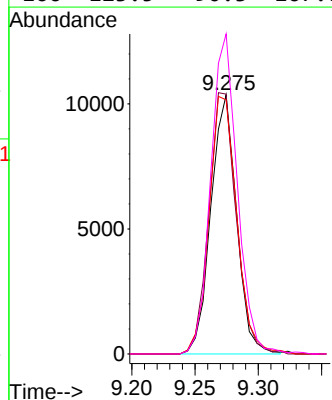
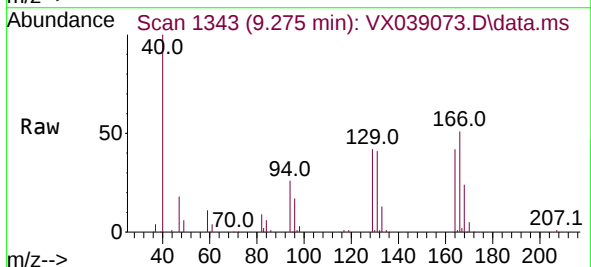
Instrument :
MSVOA_X
ClientSampleId :

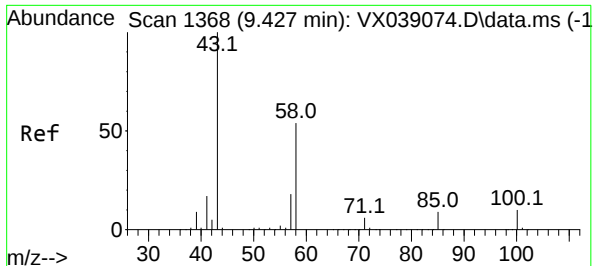
Tgt Ion: 97	Resp: 20806
Ion Ratio	Lower Upper
97 100	
99 59.2	43.1 80.1
83 91.6	64.0 118.8
85 60.1	40.4 75.0



#46
Tetrachloroethene
Concen: 10.368 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

Tgt	Ion:164	Resp:	14613
Ion	Ratio	Lower	Upper
164	100		
129	100.3	71.9	133.5
131	98.1	69.5	129.1
166	123.5	90.3	167.7





#48

2-Hexanone

Concen: 19.891 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 62563

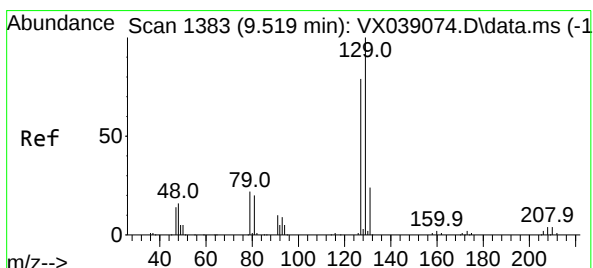
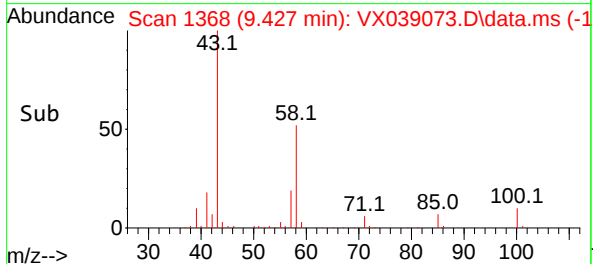
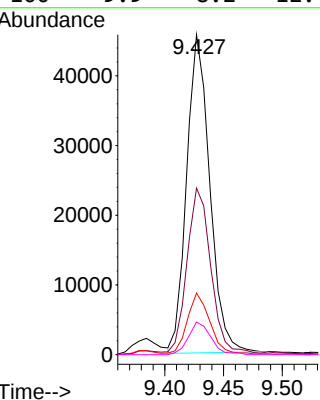
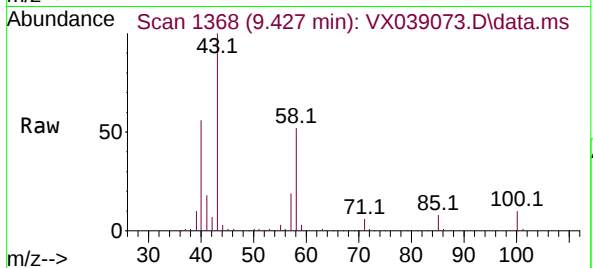
Ion Ratio Lower Upper

43 100

58 54.2 43.0 64.6

57 19.1 14.6 21.8

100 9.9 8.2 12.4



#49

Dibromochloromethane

Concen: 9.776 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX039073.D

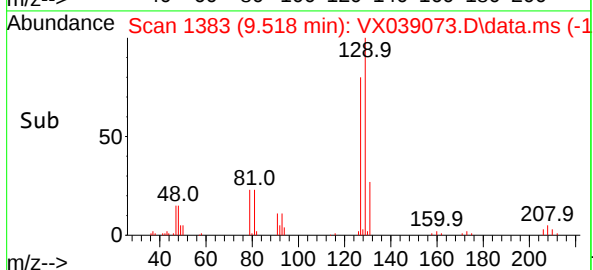
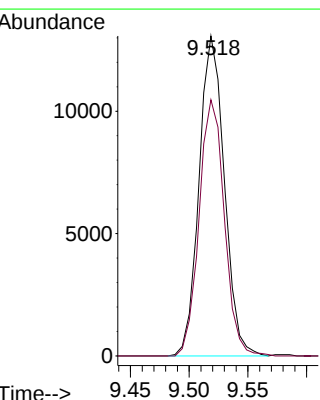
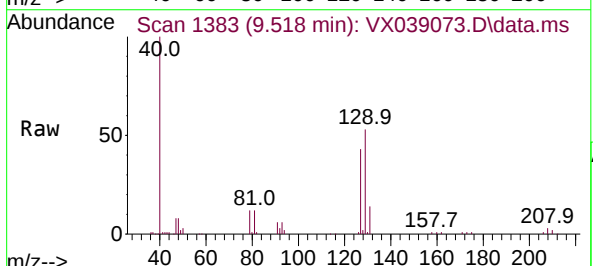
Acq: 05 Dec 2023 10:38

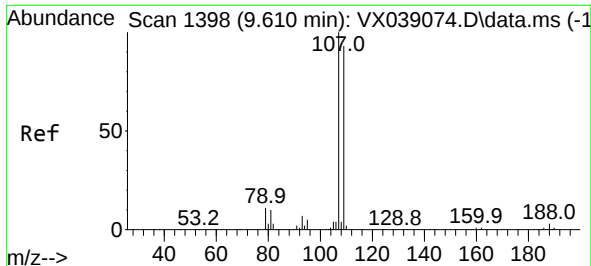
Tgt Ion: 129 Resp: 19570

Ion Ratio Lower Upper

129 100

127 80.1 55.2 102.4





#50

1,2-Dibromoethane

Concen: 10.328 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX039073.D

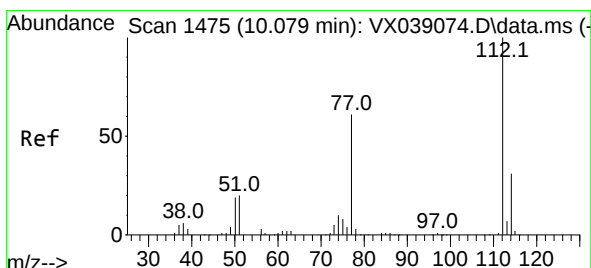
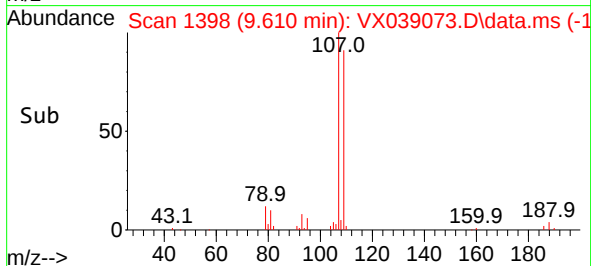
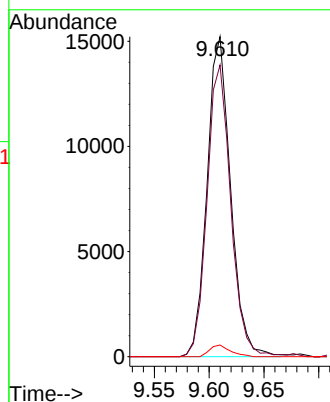
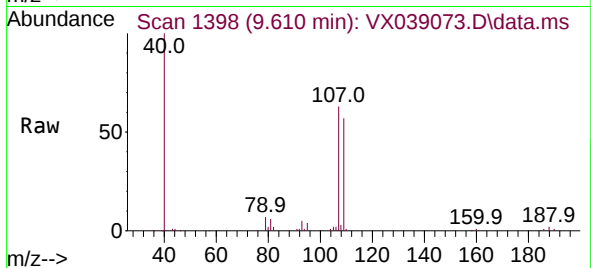
Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	22737
Ion Ratio	Lower	Upper
107	100	
109	91.2	65.2 121.0
188	3.7	2.5 3.7



#51

Chlorobenzene

Concen: 10.519 ug/L

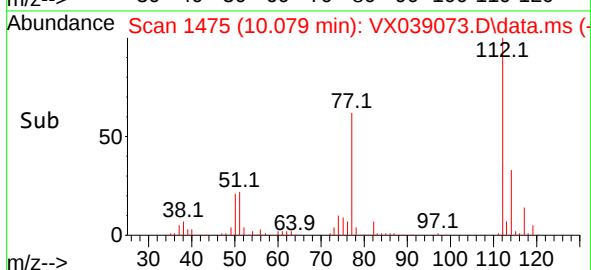
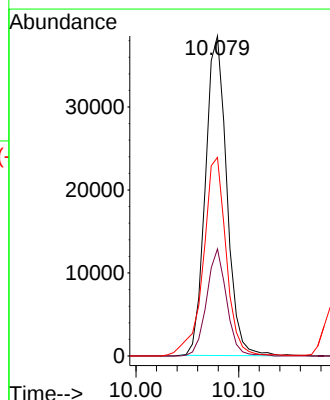
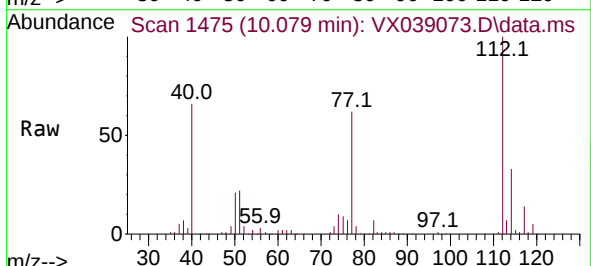
RT: 10.079 min Scan# 1475

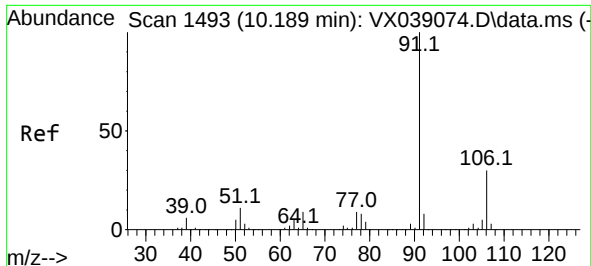
Delta R.T. -0.000 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Tgt Ion:112	Resp:	55707
Ion Ratio	Lower	Upper
112	100	
114	33.4	21.8 40.4
77	62.1	49.0 73.6





#52

Ethylbenzene

Concen: 10.343 ug/L

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

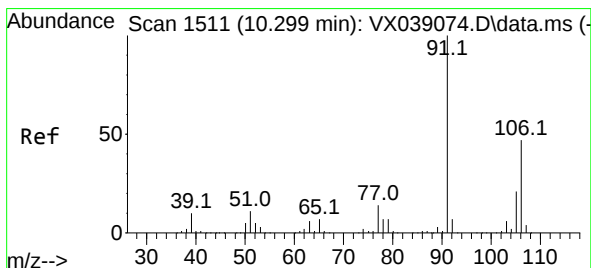
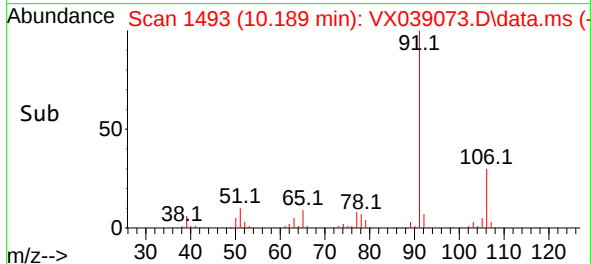
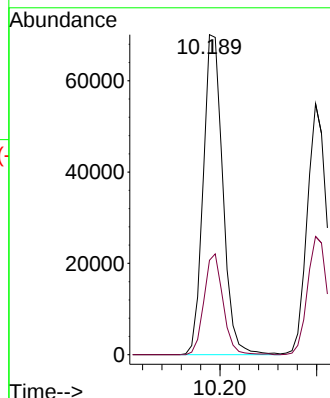
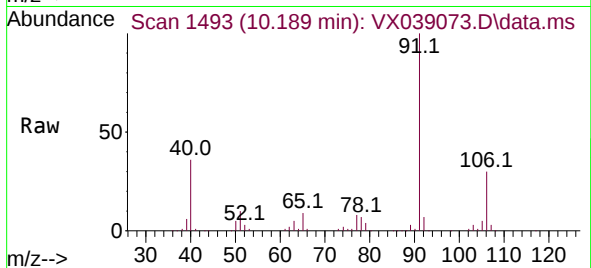
ClientSampleId :

Tgt Ion: 91 Resp: 99129

Ion Ratio Lower Upper

91 100

106 29.5 21.2 39.4



#53

m,p-Xylene

Concen: 10.527 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039073.D

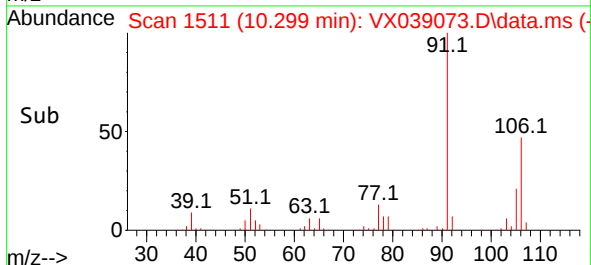
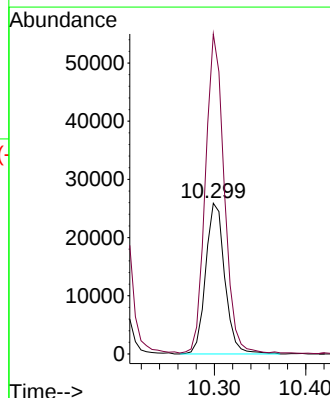
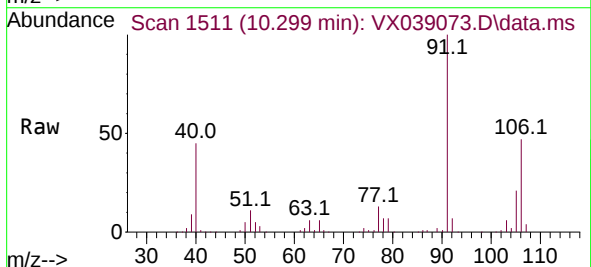
Acq: 05 Dec 2023 10:38

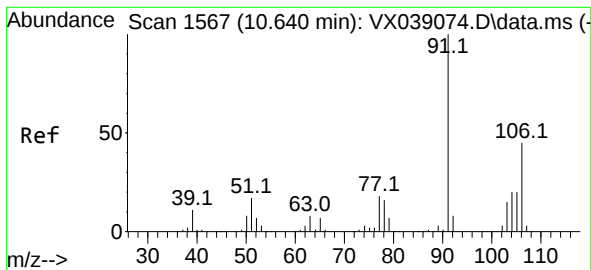
Tgt Ion: 106 Resp: 37723

Ion Ratio Lower Upper

106 100

91 212.3 149.0 276.8





#54

o-Xylene

Concen: 10.423 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

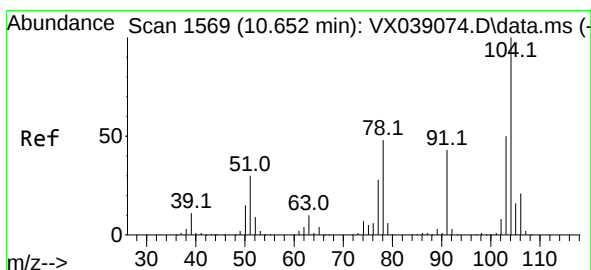
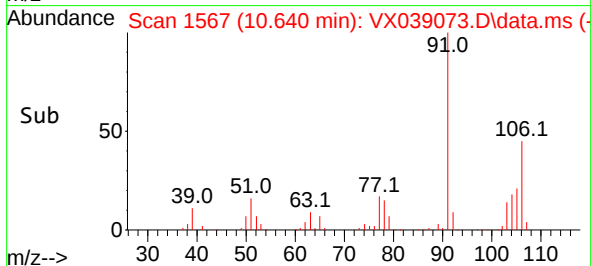
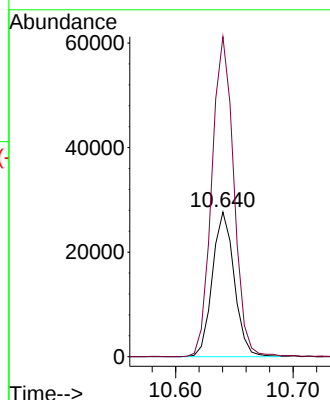
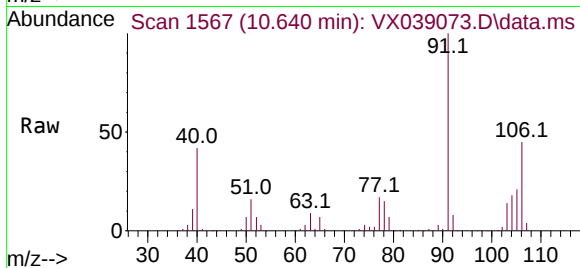
ClientSampleId :

Tgt Ion:106 Resp: 35841

Ion Ratio Lower Upper

106 100

91 221.3 156.2 290.0



#55

Styrene

Concen: 10.131 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039073.D

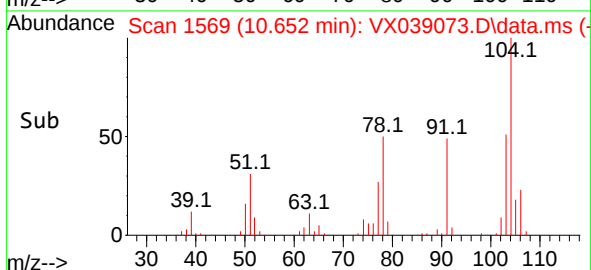
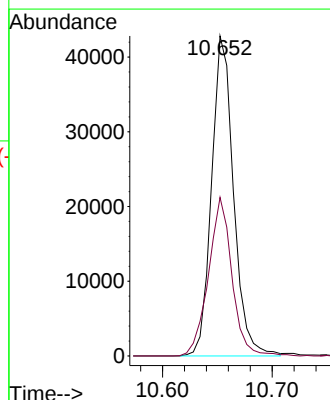
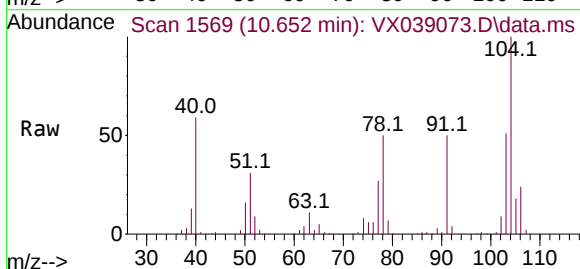
Acq: 05 Dec 2023 10:38

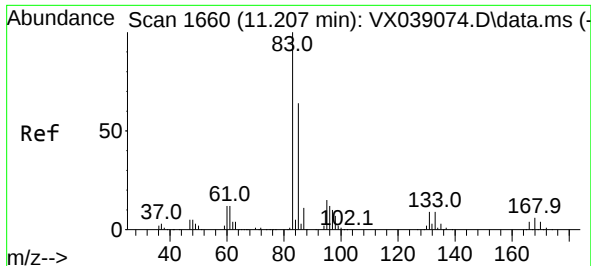
Tgt Ion:104 Resp: 59604

Ion Ratio Lower Upper

104 100

78 49.5 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 10.126 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039073.D

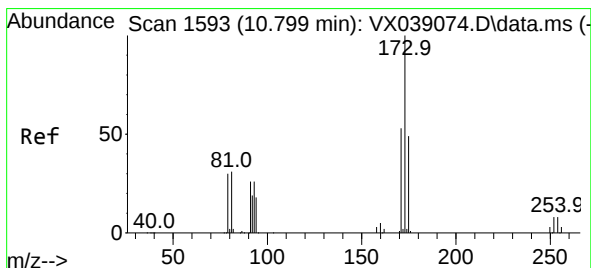
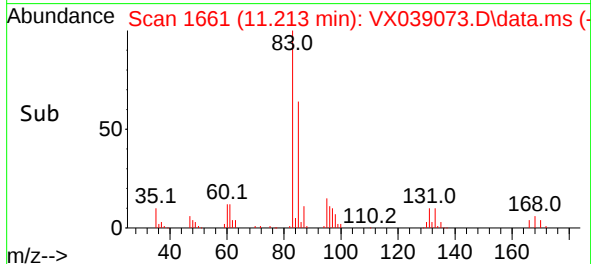
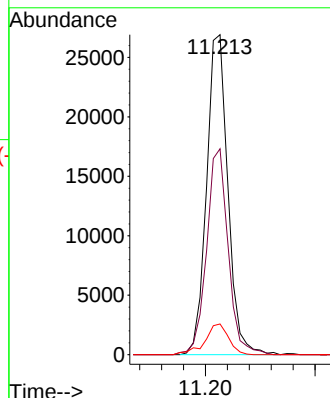
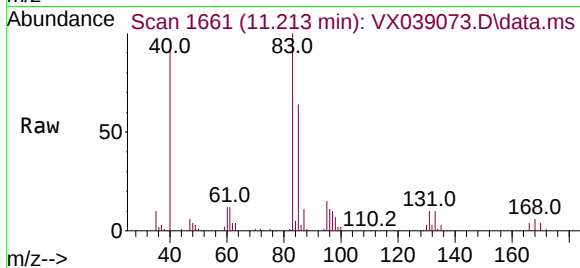
Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp: 36311
Ion Ratio	Lower Upper
83 100	
85 64.3	45.2 84.0
131 9.6	7.2 10.8



#59

Bromoform

Concen: 10.224 ug/L

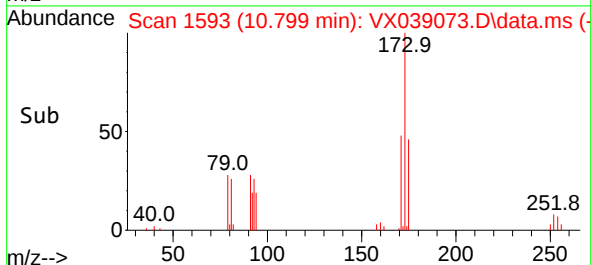
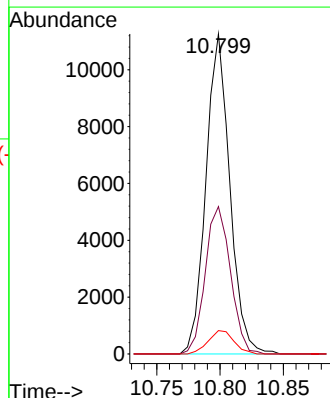
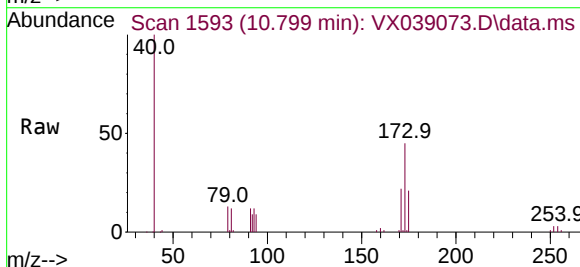
RT: 10.799 min Scan# 1593

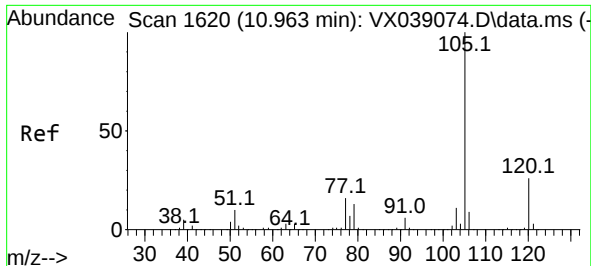
Delta R.T. -0.000 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Tgt Ion: 173	Resp: 14800
Ion Ratio	Lower Upper
173 100	
175 48.6	38.7 58.1
254 7.9	6.2 9.2

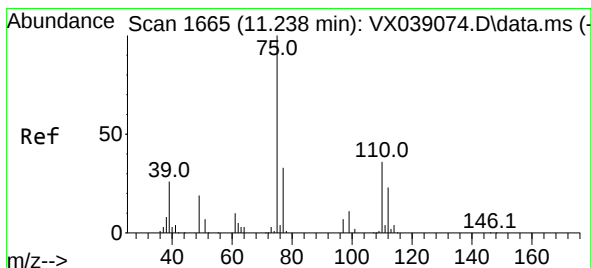
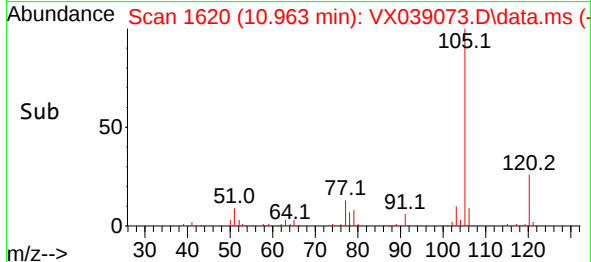
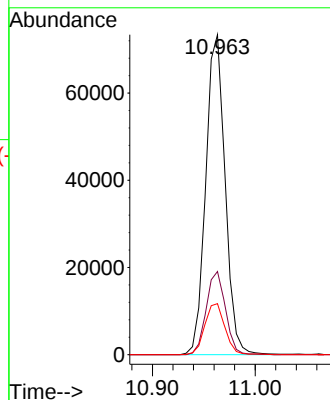
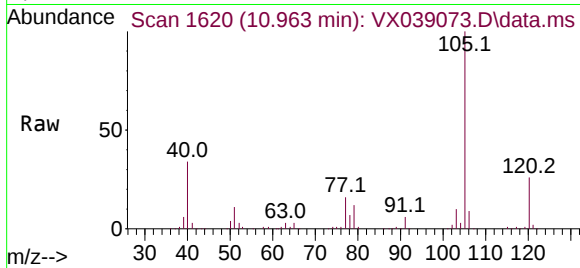




#60
Isopropylbenzene
Concen: 10.685 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

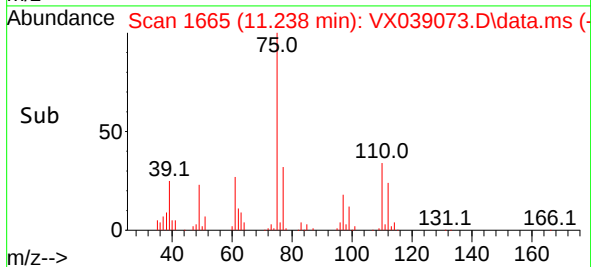
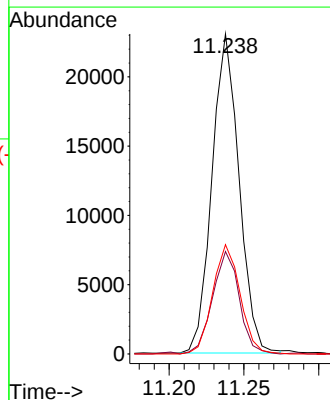
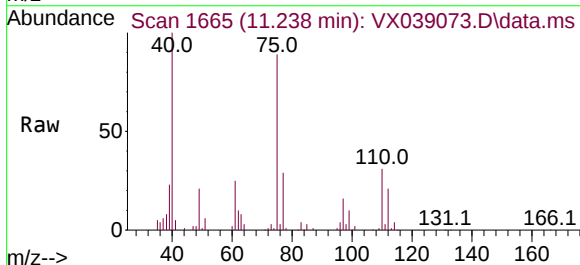
Instrument :
MSVOA_X
ClientSampleId :

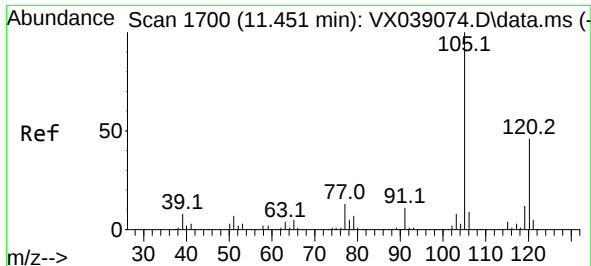
Tgt Ion:105 Resp: 96167
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 10.726 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

Tgt Ion: 75 Resp: 28939
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
110 34.7 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 10.440 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

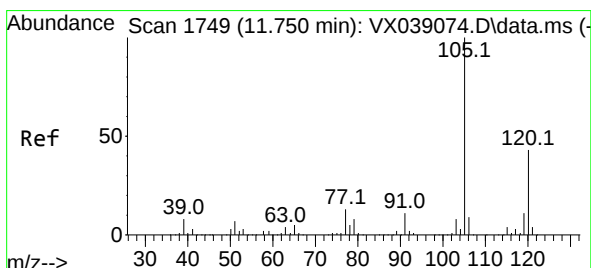
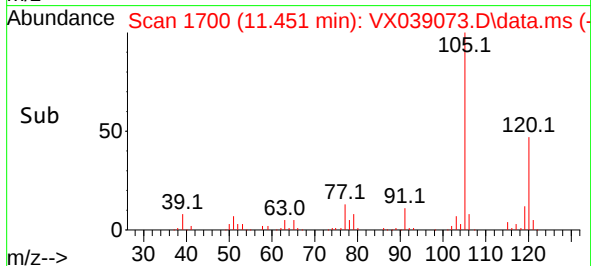
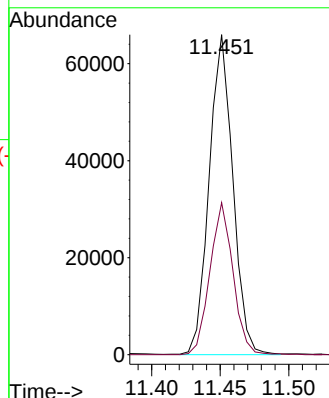
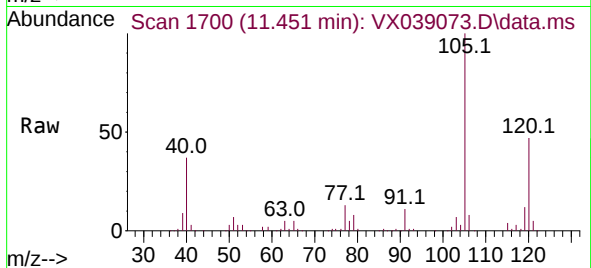
ClientSampleId :

Tgt Ion:105 Resp: 79321

Ion Ratio Lower Upper

105 100

120 46.3 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 10.517 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039073.D

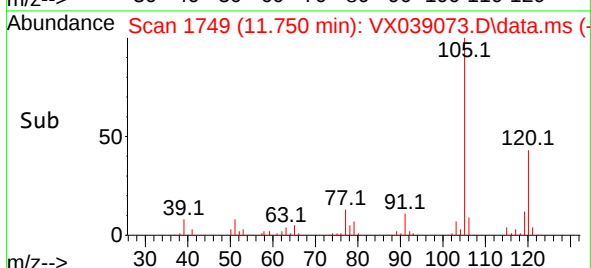
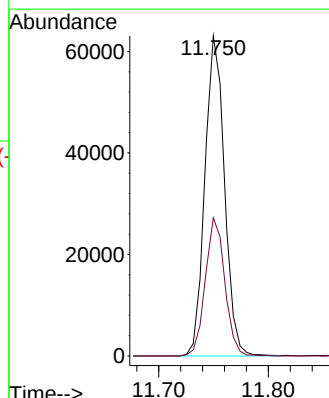
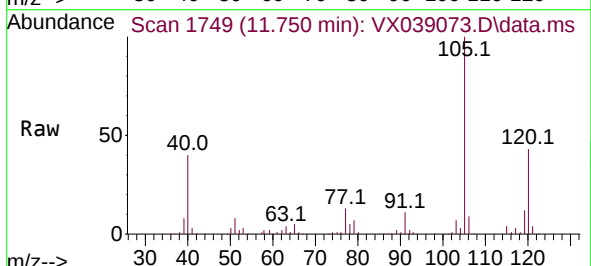
Acq: 05 Dec 2023 10:38

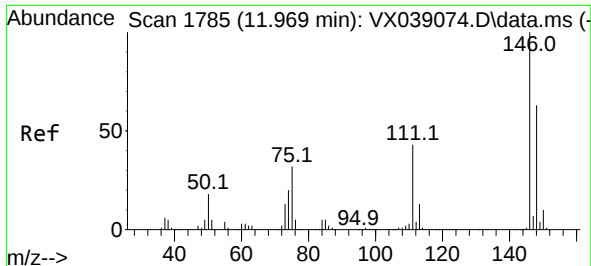
Tgt Ion:105 Resp: 78354

Ion Ratio Lower Upper

105 100

120 42.9 34.9 52.3

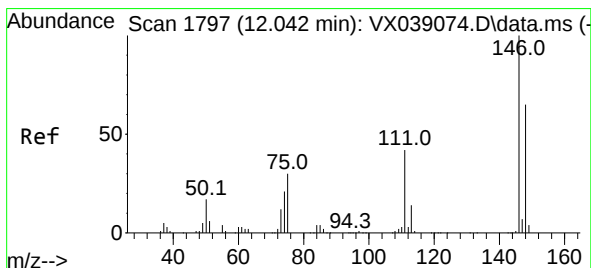
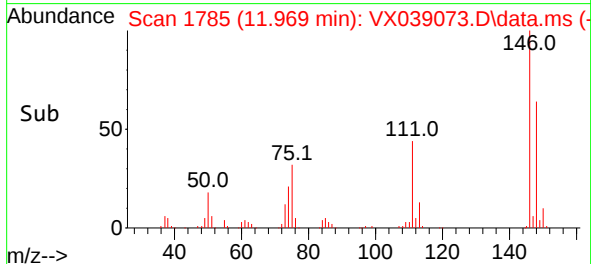
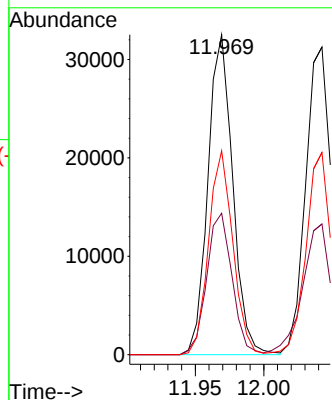
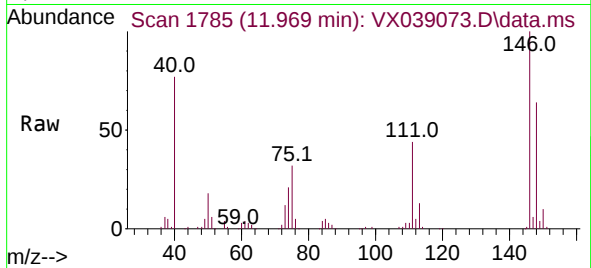




#64
1,3-Dichlorobenzene
Concen: 10.626 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

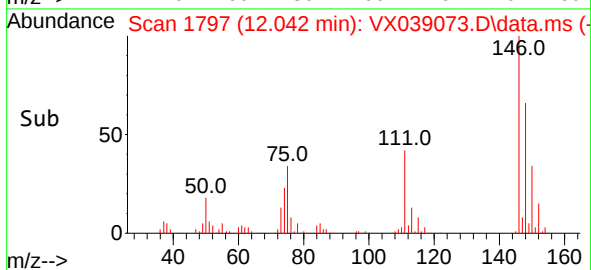
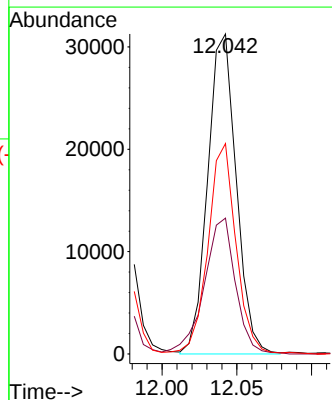
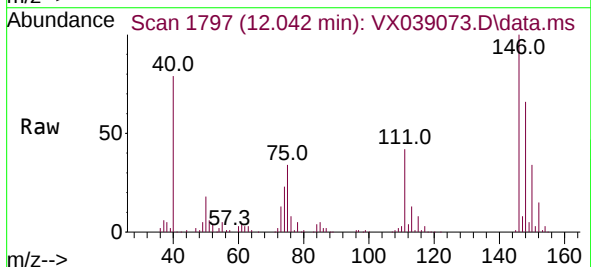
Instrument :
MSVOA_X
ClientSampleId :

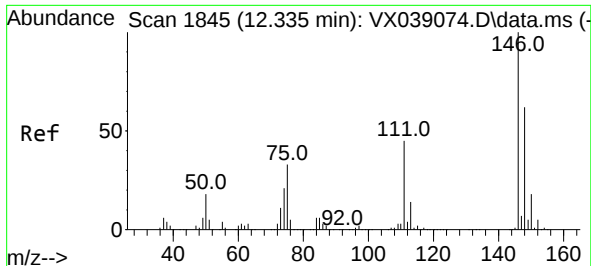
Tgt Ion:146 Resp: 40931
Ion Ratio Lower Upper
146 100
111 44.2 30.0 55.6
148 63.7 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 10.657 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

Tgt Ion:146 Resp: 41600
Ion Ratio Lower Upper
146 100
111 42.5 29.7 55.1
148 65.7 45.8 85.2

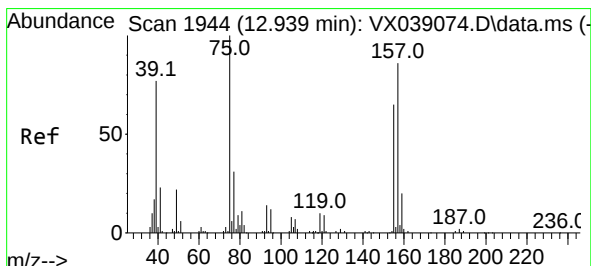
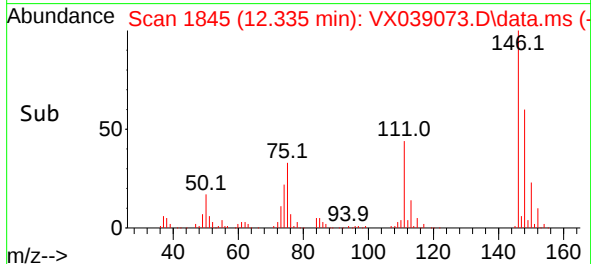
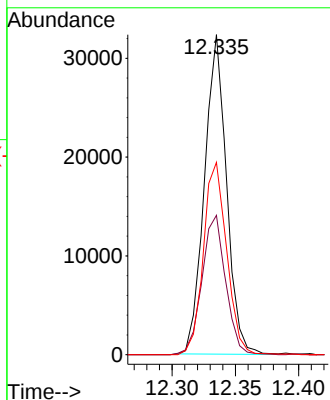
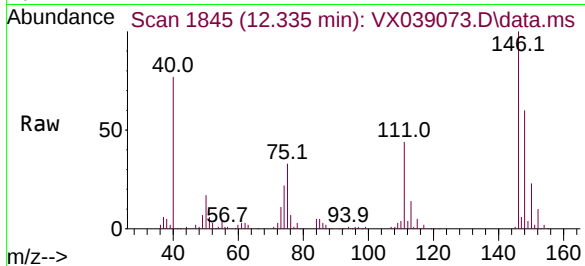




#67
1,2-Dichlorobenzene
Concen: 10.674 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

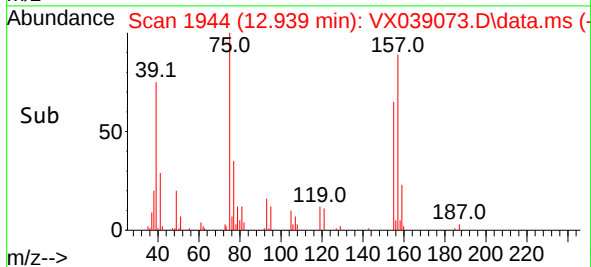
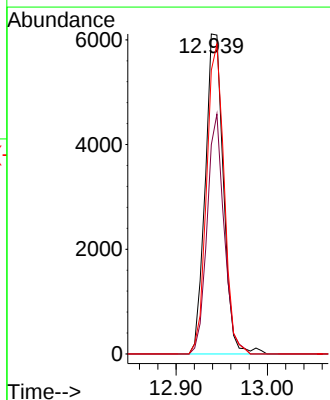
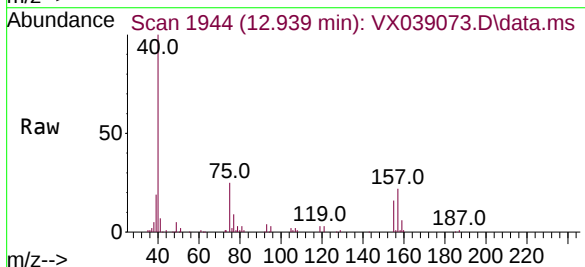
Instrument :
MSVOA_X
ClientSampleId :

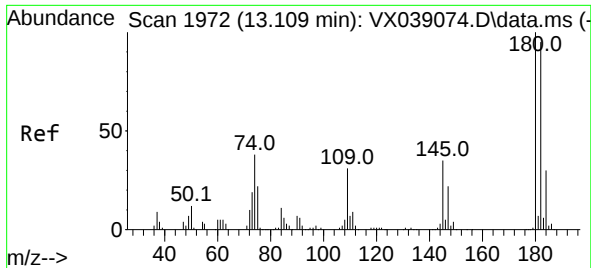
Tgt Ion:146 Resp: 39332
Ion Ratio Lower Upper
146 100
111 43.6 36.4 54.6
148 60.1 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 10.023 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

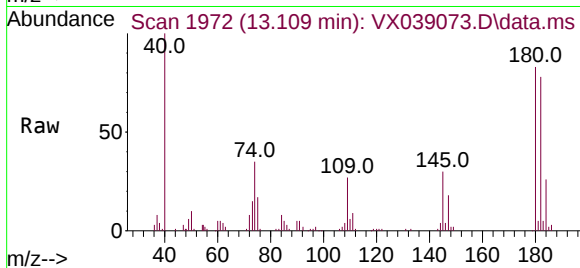
Tgt Ion: 75 Resp: 8440
Ion Ratio Lower Upper
75 100
155 65.4 52.3 78.5
157 88.7 68.7 103.1



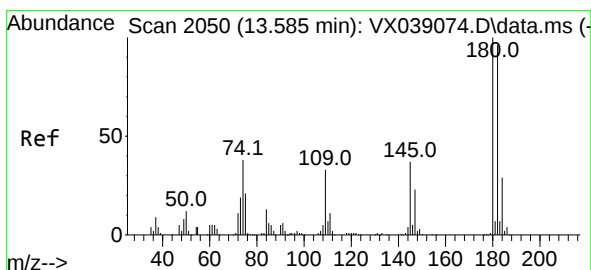
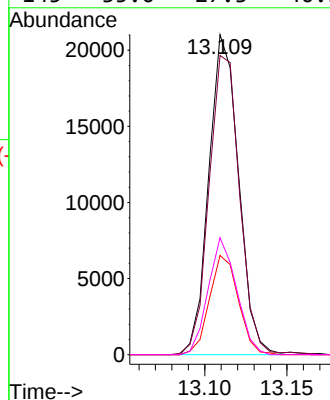
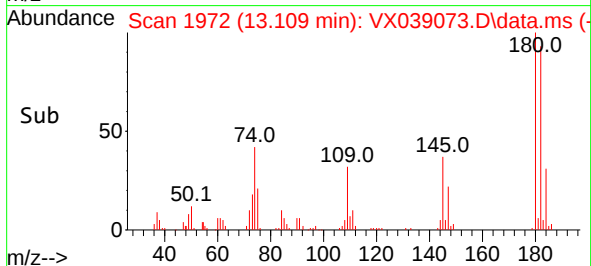


#69
1,3,5-Trichlorobenzene
Concen: 10.363 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38

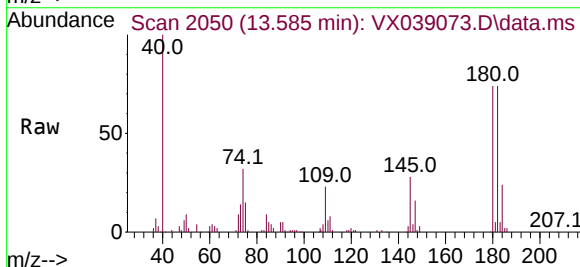
Instrument :
MSVOA_X
ClientSampleId :



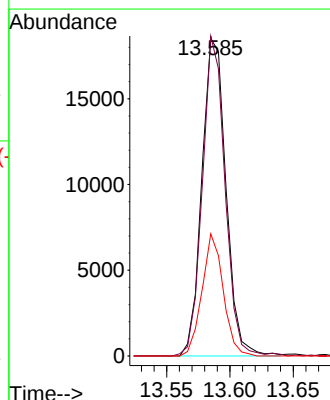
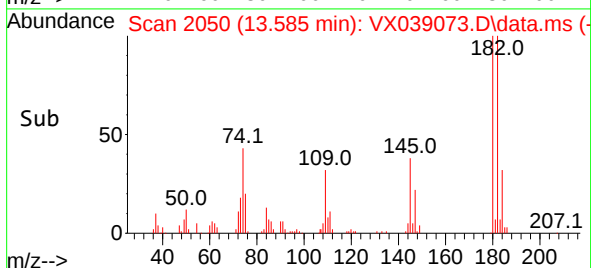
Tgt Ion:	180	Resp:	26400
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.1	114.1
184	30.3	24.1	36.1
145	35.0	27.3	40.9

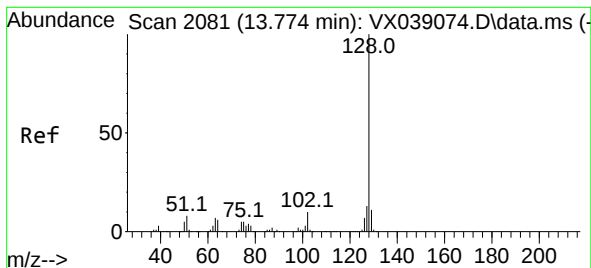


#70
1,2,4-trichlorobenzene
Concen: 10.244 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039073.D
Acq: 05 Dec 2023 10:38



Tgt Ion:	180	Resp:	24603
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.8	115.2
145	33.8	27.8	41.6





#71

Naphthalene

Concen: 10.315 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039073.D

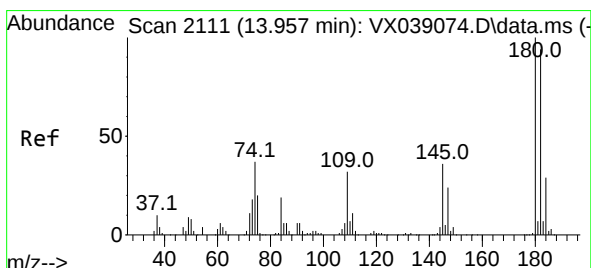
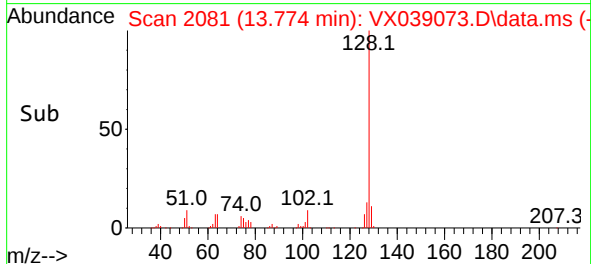
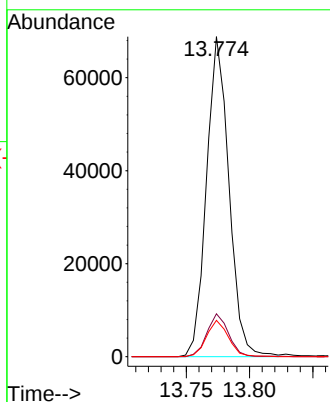
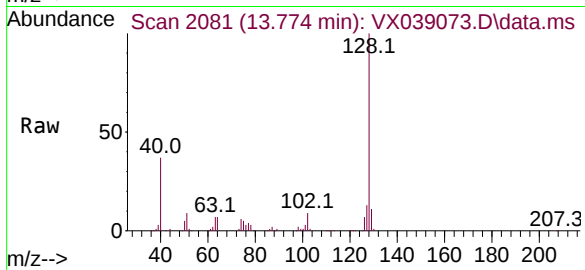
Acq: 05 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	84960
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.4
129	11.1	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 10.245 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039073.D

Acq: 05 Dec 2023 10:38

Tgt Ion:180	Resp:	23824
Ion Ratio	Lower	Upper
180	100	
182	97.5	75.9 113.9
145	36.9	28.6 42.8

