

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039253.D
 Acq On : 16 Dec 2023 00:51
 Operator : JC/MD
 Sample : 05844-15MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH3MSD

Quant Time: Dec 16 01:54:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	193555	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	181787	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	90429	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64392	42.415	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.840%
7) Chloroethane-d5	1.666	69	50132	44.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.360%
11) 1,1-Dichloroethene-d2	2.307	65	32277	48.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.860%
21) 2-Butanone-d5	4.453	46	146009	106.249	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.250%
24) Chloroform-d	5.056	84	146328	54.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.900%
26) 1,2-Dichloroethane-d4	5.952	65	97742	56.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.320%
32) Benzene-d6	5.971	84	274318	48.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	7.306	67	91474	50.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.320%
41) Toluene-d8	8.647	98	241904	47.579	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.160%
43) trans-1,3-Dichloroprop...	8.946	79	43538	47.386	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.780%
47) 2-Hexanone-d5	9.385	63	110400	102.376	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.380%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	137107	53.531	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.060%
66) 1,2-Dichlorobenzene-d4	12.317	152	86367	50.529	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	86174	55.828	ug/L	99
3) Chloromethane	1.295	50	83133	51.528	ug/L	99
5) Vinyl chloride	1.374	62	78984	49.673	ug/L	98
6) Bromomethane	1.605	94	45570	53.095	ug/L	99
8) Chloroethane	1.691	64	45288	50.379	ug/L	97
9) Trichlorofluoromethane	1.886	101	113063	54.864	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	72156	54.433	ug/L	99
12) 1,1-Dichloroethene	2.319	96	68562	54.986	ug/L	95
13) Acetone	2.374	43	128279	97.168	ug/L	95
14) Carbon disulfide	2.514	76	201485	50.780	ug/L	99
15) Methyl Acetate	2.703	43	87565	46.405	ug/L	98
16) Methylene chloride	2.788	84	76037	53.076	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	70221	53.449	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	254957	55.752	ug/L	97
19) 1,1-Dichloroethane	3.611	63	144688	55.698	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	81124	53.236	ug/L	94
22) 2-Butanone	4.550	43	205718	126.972	ug/L	100
23) Bromochloromethane	4.898	128	38651	53.957	ug/L	98
25) Chloroform	5.093	83	146091	56.383	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039253.D
 Acq On : 16 Dec 2023 00:51
 Operator : JC/MD
 Sample : 05844-15MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH3MSD

Quant Time: Dec 16 01:54:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

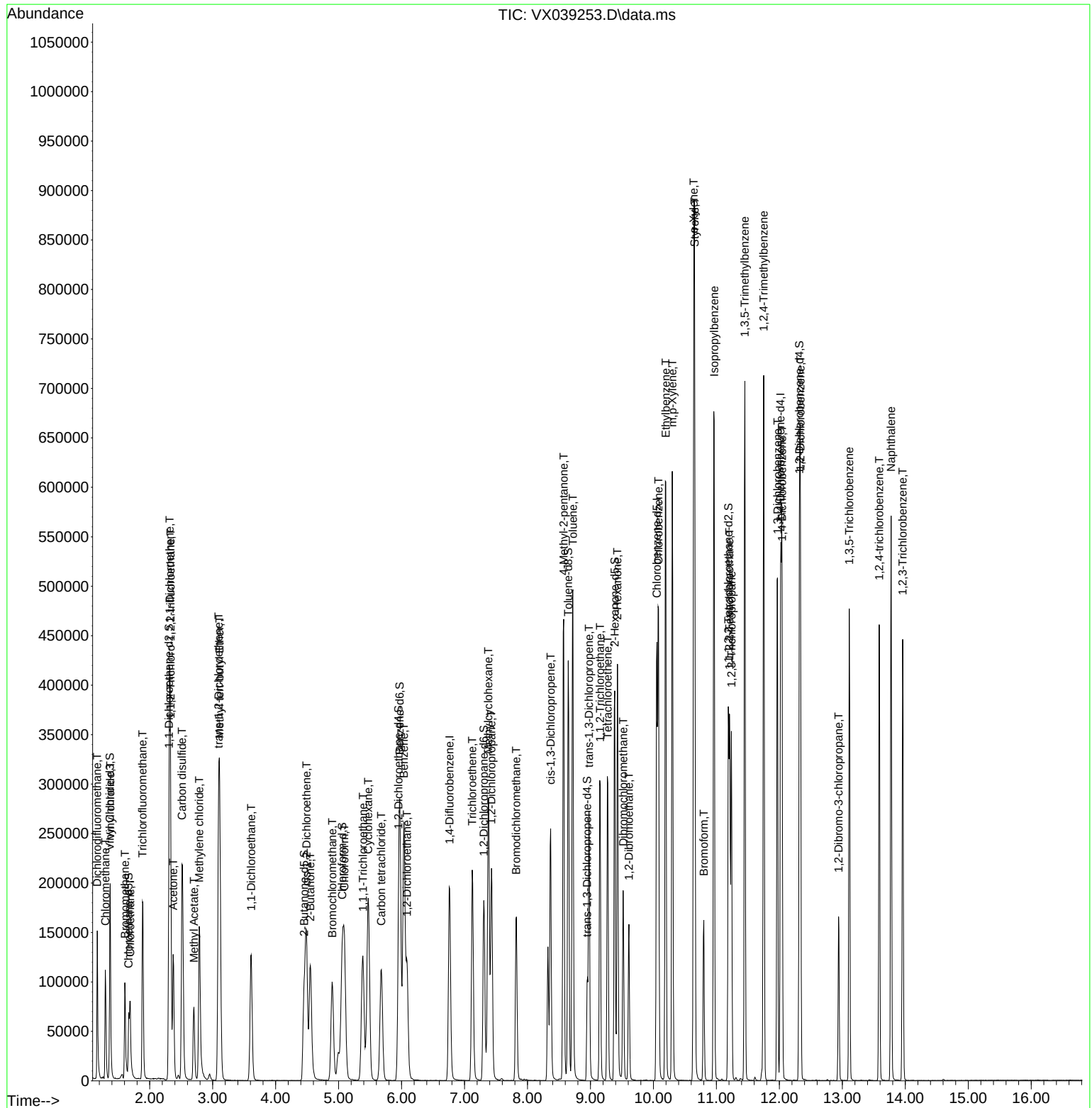
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	125397	61.318	ug/L	97
29) Cyclohexane	5.471	56	130296	51.237	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	123583	56.030	ug/L	98
31) Carbon tetrachloride	5.678	117	100083	54.386	ug/L	99
33) Benzene	6.038	78	301657	52.216	ug/L	100
34) Trichloroethene	7.123	95	80762	52.899	ug/L	95
35) Methylcyclohexane	7.379	83	127617	50.189	ug/L	97
37) 1,2-Dichloropropane	7.428	63	86128	53.756	ug/L	100
38) Bromodichloromethane	7.818	83	106629	54.717	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	130837	51.201	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	282877	105.346	ug/L	98
42) Toluene	8.720	91	321585	52.494	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	122857	51.809	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	78233	53.282	ug/L	98
46) Tetrachloroethene	9.275	164	52068	51.699	ug/L	96
48) 2-Hexanone	9.427	43	223359	99.384	ug/L	97
49) Dibromochloromethane	9.519	129	75920	53.075	ug/L	99
50) 1,2-Dibromoethane	9.610	107	83921	53.350	ug/L	99
51) Chlorobenzene	10.080	112	195768	51.735	ug/L	97
52) Ethylbenzene	10.195	91	362045	52.863	ug/L	100
53) m,p-Xylene	10.299	106	133521	52.143	ug/L	96
54) o-Xylene	10.640	106	129384	52.658	ug/L	96
55) Styrene	10.653	104	221731	52.741	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.207	83	135857	53.018	ug/L	100
59) Bromoform	10.799	173	52868	49.745	ug/L	100
60) Isopropylbenzene	10.964	105	352664	53.371	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	105812	53.415	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	298887	53.578	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	296121	54.135	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	147669	52.212	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	148867	51.943	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	141729	52.387	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	33199	53.699	ug/L	93
69) 1,3,5-Trichlorobenzene	13.110	180	95649	51.139	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	90958	51.585	ug/L	98
71) Naphthalene	13.774	128	318265	52.631	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	88217	51.670	ug/L	99

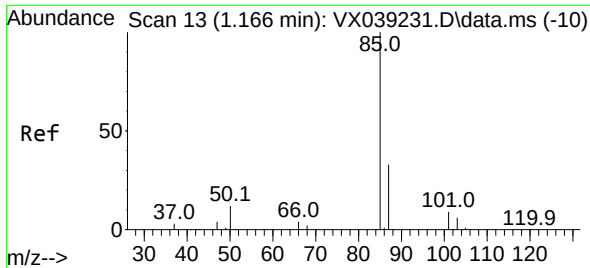
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\  
Data File : VX039253.D  
Acq On    : 16 Dec 2023   00:51  
Operator  : JC/MD  
Sample    : 05844-15MSD  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 24   Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
YCHH3MSD

Quant Time: Dec 16 01:54:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

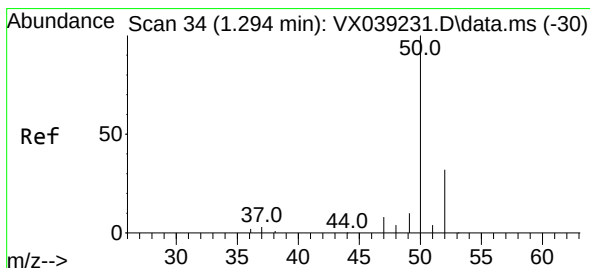
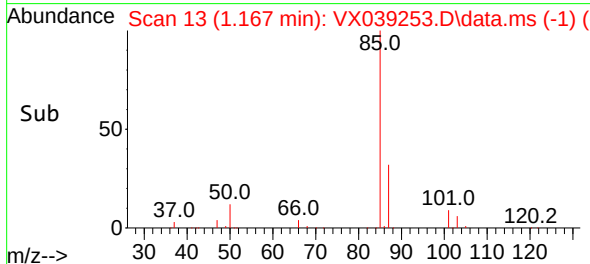
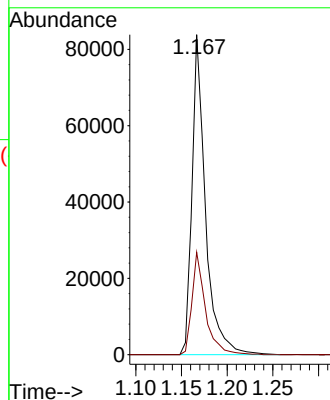
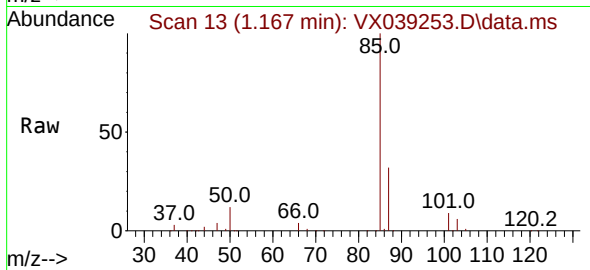




#2
 Dichlorodifluoromethane
 Concen: 55.828 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039253.D
 Acq: 16 Dec 2023 00:51

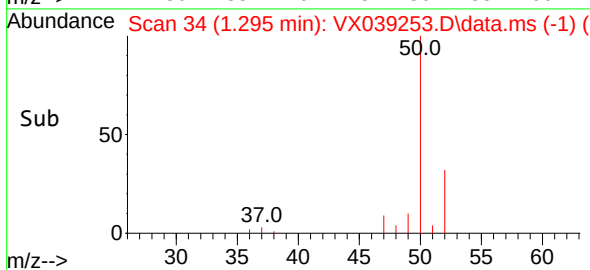
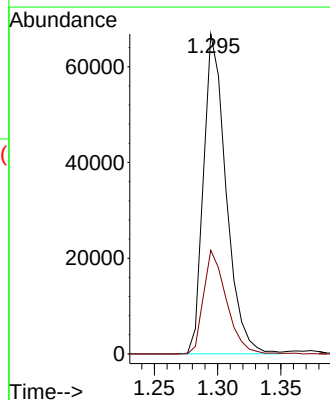
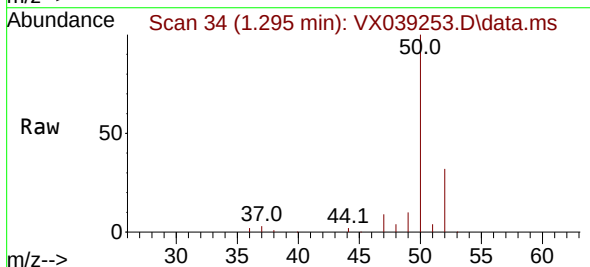
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH3MSD

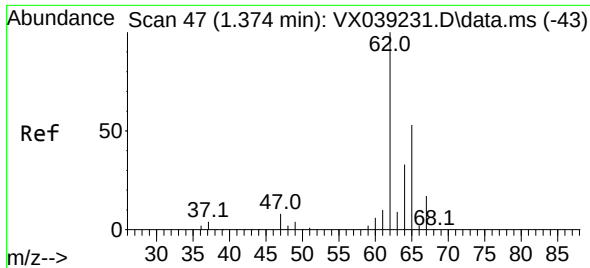
Tgt Ion: 85 Resp: 86174
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.4



#3
 Chloromethane
 Concen: 51.528 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX039253.D
 Acq: 16 Dec 2023 00:51

Tgt Ion: 50 Resp: 83133
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.4 41.6

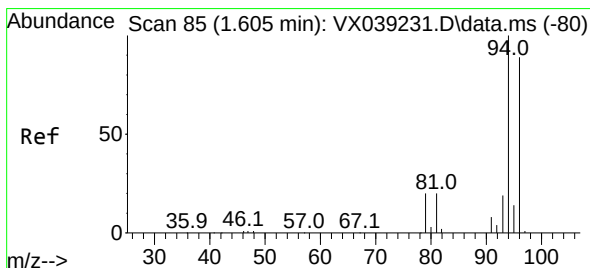
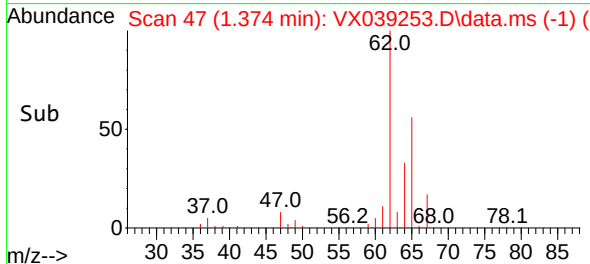
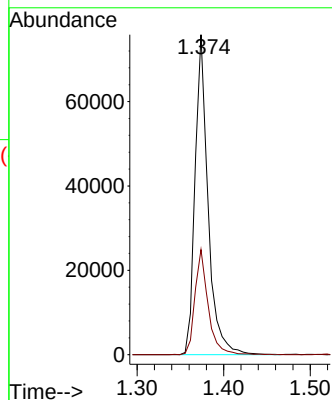
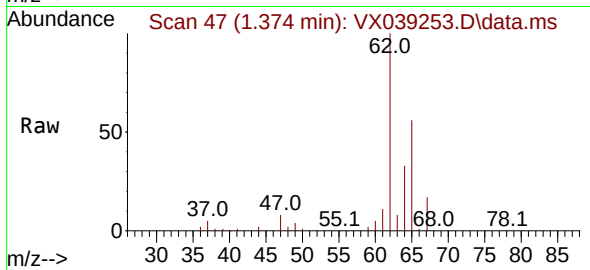




#5
 Vinyl chloride
 Concen: 49.673 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039253.D
 Acq: 16 Dec 2023 00:51

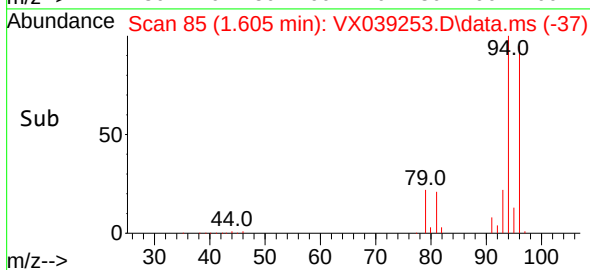
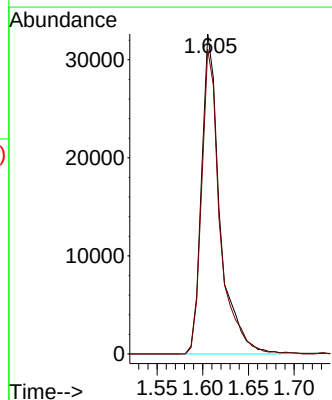
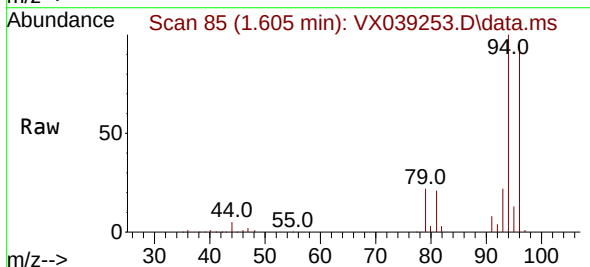
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH3MSD

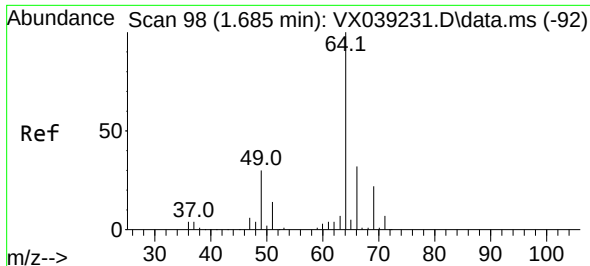
Tgt Ion: 62 Resp: 78984
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.3 41.3



#6
 Bromomethane
 Concen: 53.095 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX039253.D
 Acq: 16 Dec 2023 00:51

Tgt Ion: 94 Resp: 45570
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.8 122.2

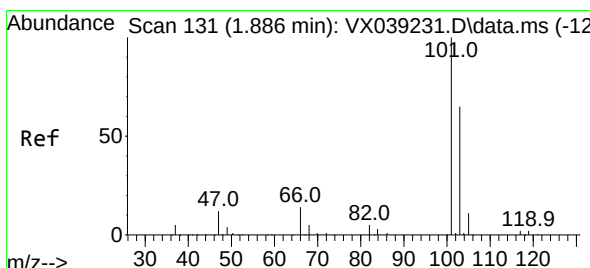
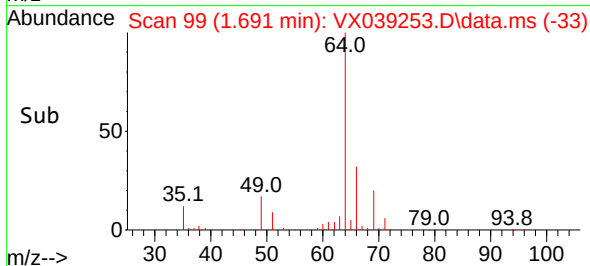
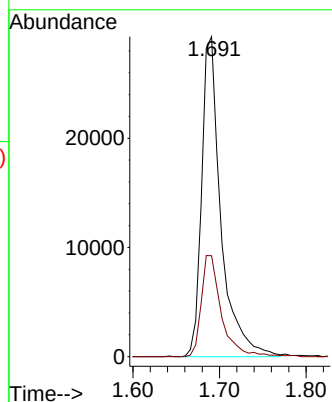
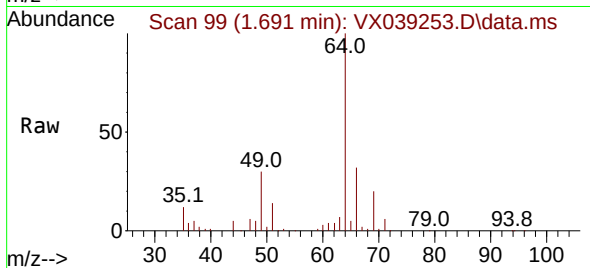




#8
Chloroethane
Concen: 50.379 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

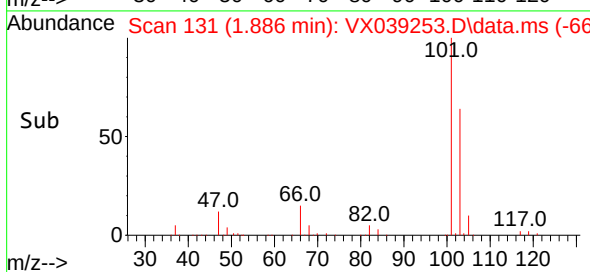
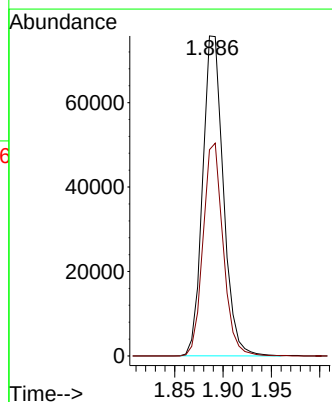
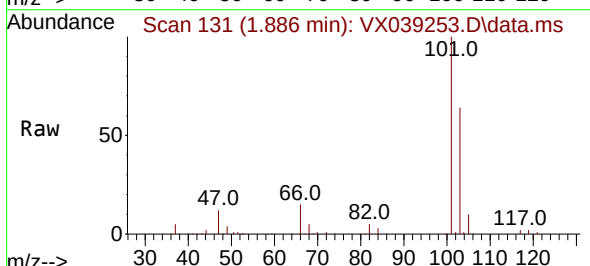
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MSD

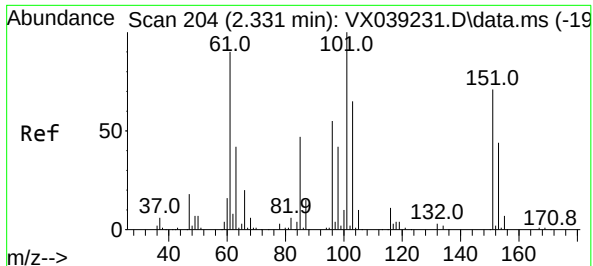
Tgt Ion: 64 Resp: 45288
Ion Ratio Lower Upper
64 100
66 31.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 54.864 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

Tgt Ion:101 Resp: 113063
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

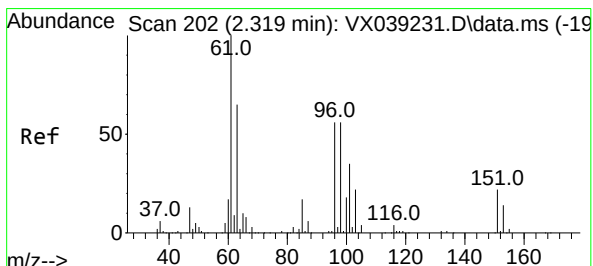
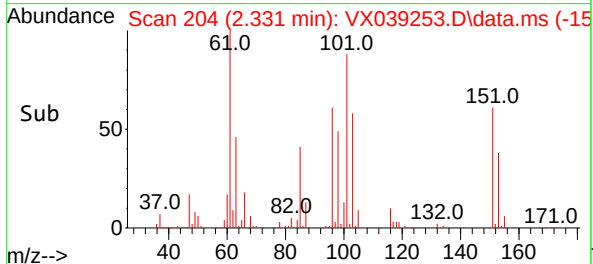
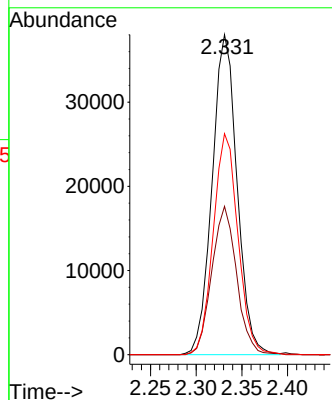
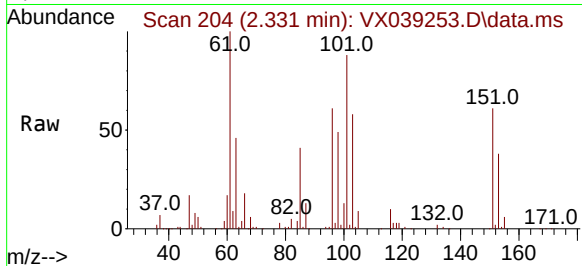




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.433 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX039253.D
 Acq: 16 Dec 2023 00:51

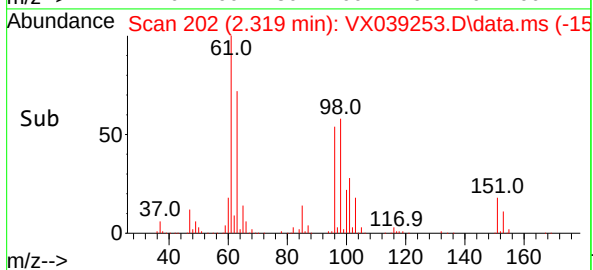
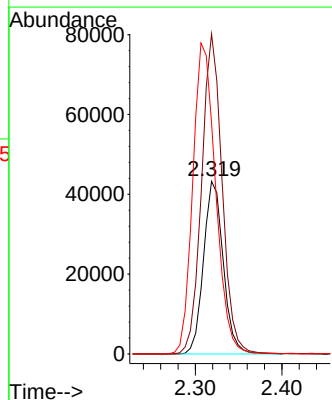
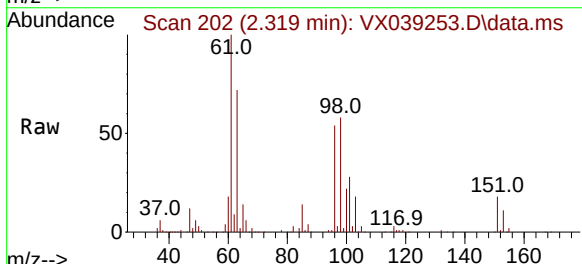
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH3MSD

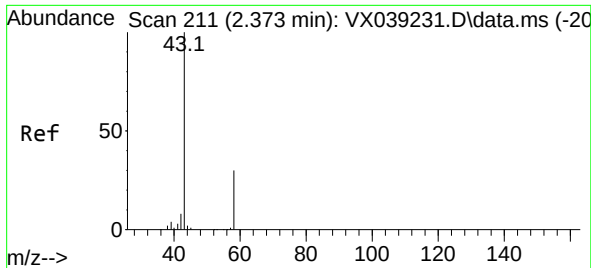
Tgt Ion:101 Resp: 72156
 Ion Ratio Lower Upper
 101 100
 85 46.1 35.8 53.6
 151 68.7 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 54.986 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039253.D
 Acq: 16 Dec 2023 00:51

Tgt Ion: 96 Resp: 68562
 Ion Ratio Lower Upper
 96 100
 61 185.3 128.0 237.6
 63 133.8 101.5 188.5





#13

Acetone

Concen: 97.168 ug/L

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

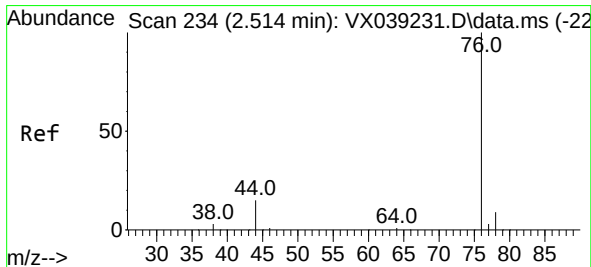
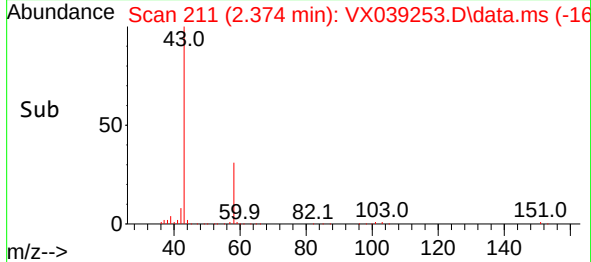
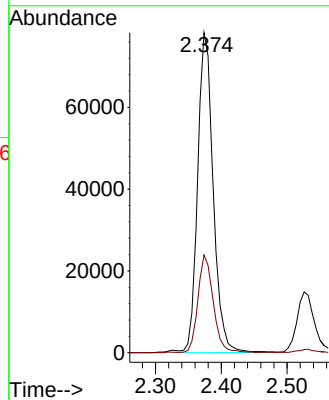
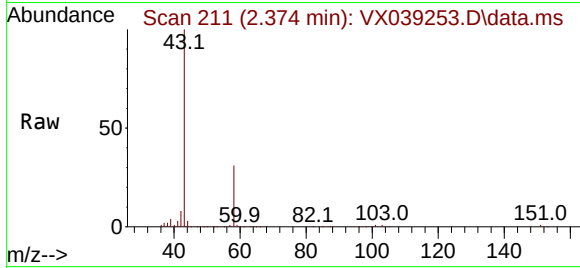
YCHH3MSD

Tgt Ion: 43 Resp: 128279

Ion Ratio Lower Upper

43 100

58 30.2 0.0 65.8



#14

Carbon disulfide

Concen: 50.780 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX039253.D

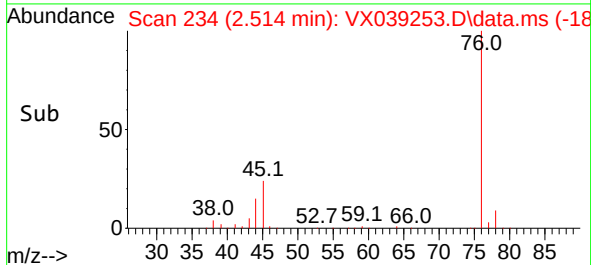
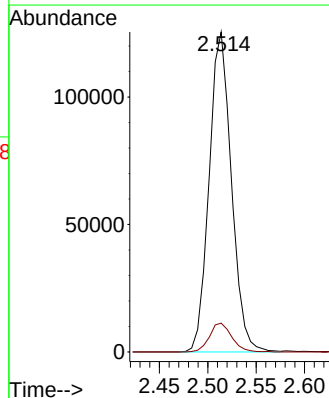
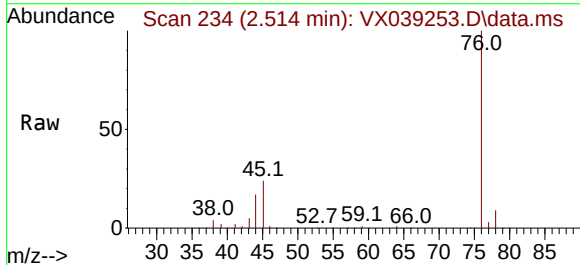
Acq: 16 Dec 2023 00:51

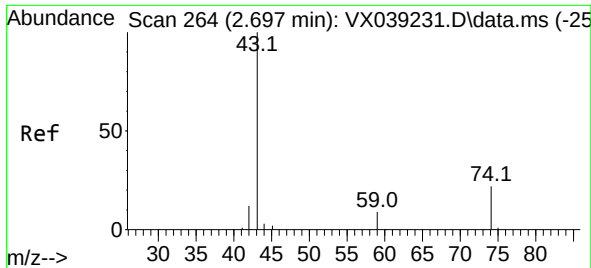
Tgt Ion: 76 Resp: 201485

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

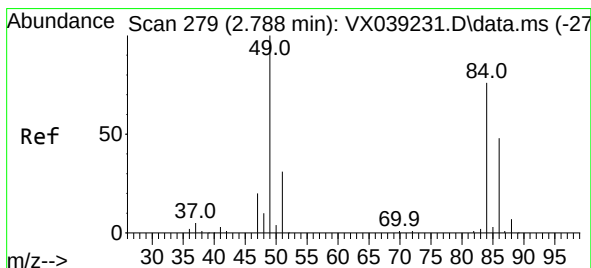
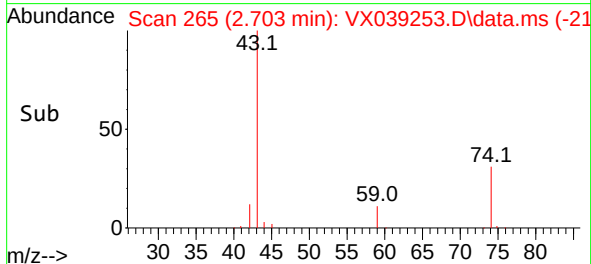
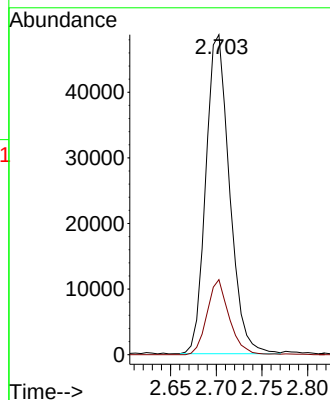
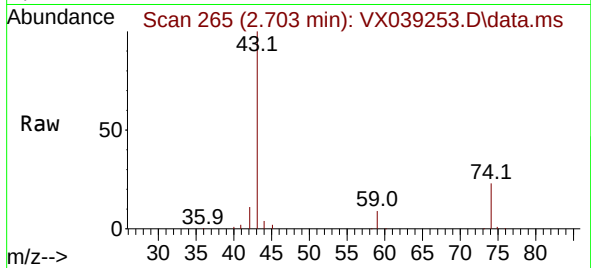




#15
Methyl Acetate
Concen: 46.405 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

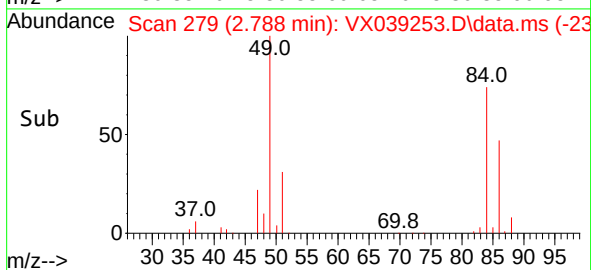
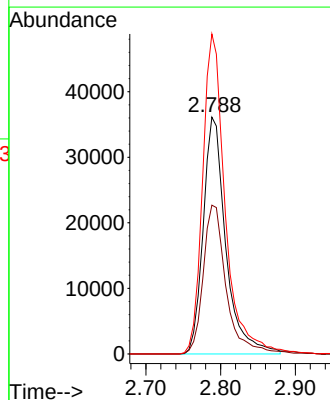
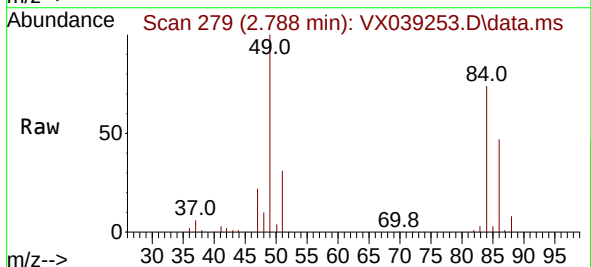
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MSD

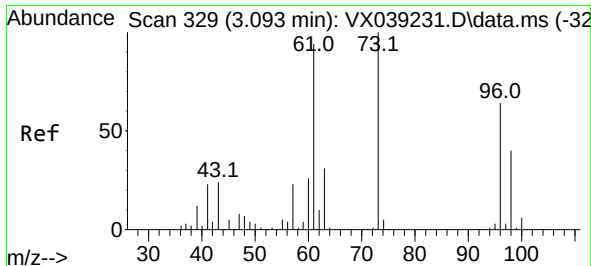
Tgt Ion: 43 Resp: 87565
Ion Ratio Lower Upper
43 100
74 22.0 18.2 27.4



#16
Methylene chloride
Concen: 53.076 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

Tgt Ion: 84 Resp: 76037
Ion Ratio Lower Upper
84 100
86 62.9 44.7 82.9
49 135.1 90.9 168.7

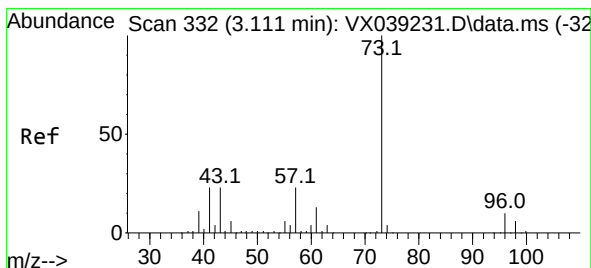
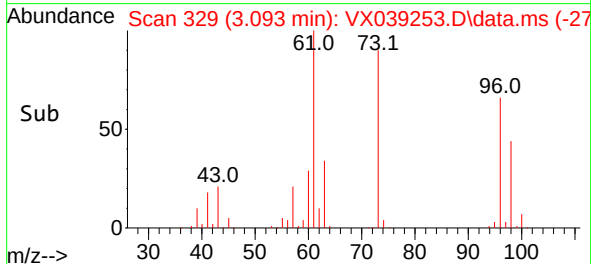
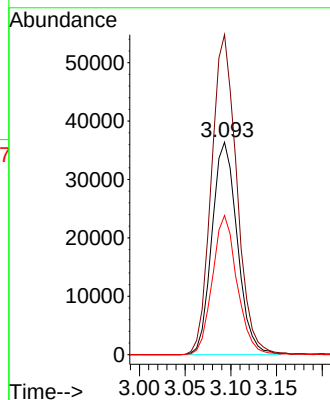
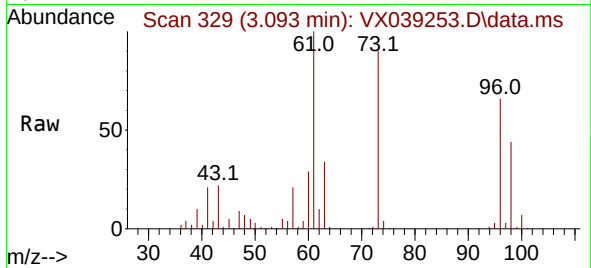




#17
trans-1,2-Dichloroethene
Concen: 53.449 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

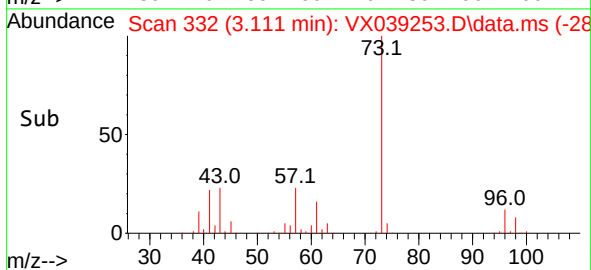
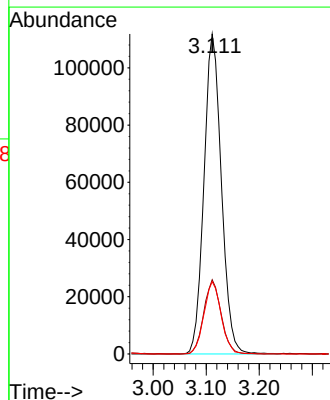
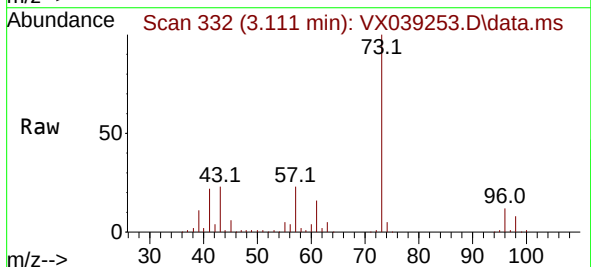
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MSD

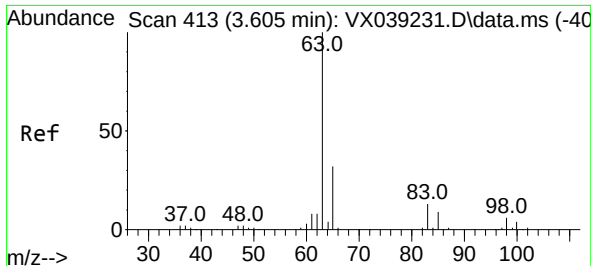
Tgt Ion: 96 Resp: 70221
Ion Ratio Lower Upper
96 100
61 150.6 99.8 185.3
98 65.5 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 55.752 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

Tgt Ion: 73 Resp: 254957
Ion Ratio Lower Upper
73 100
43 23.1 16.9 25.3
57 22.4 18.5 27.7





#19

1,1-Dichloroethane

Concen: 55.698 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MSD

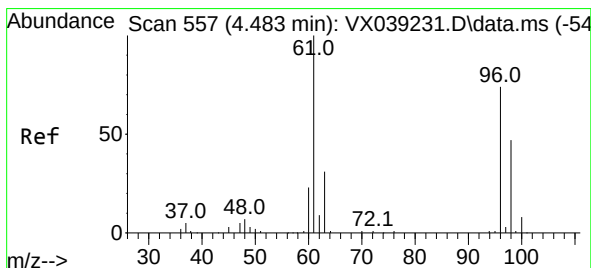
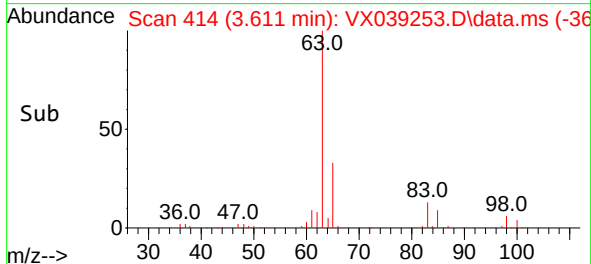
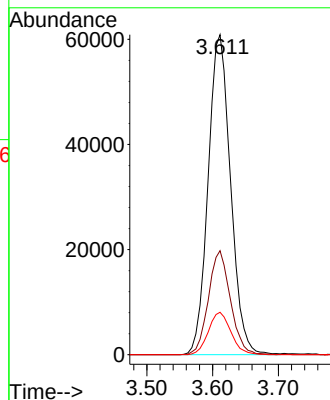
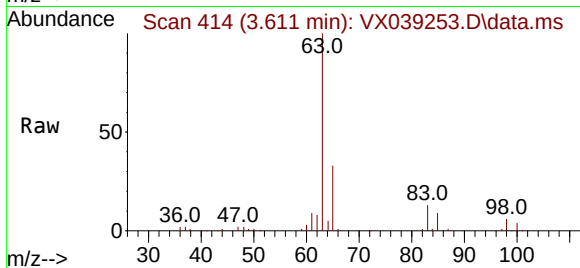
Tgt Ion: 63 Resp: 144688

Ion Ratio Lower Upper

63 100

65 32.5 21.1 39.3

83 13.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 53.236 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

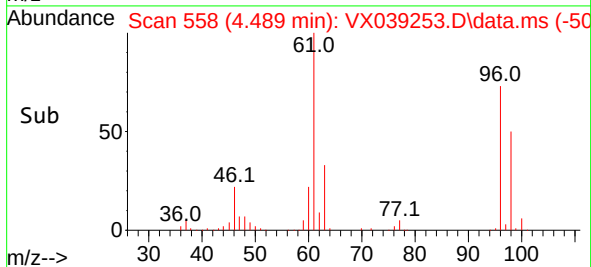
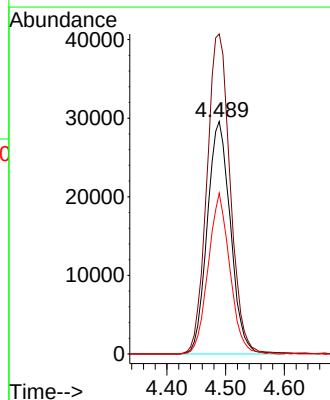
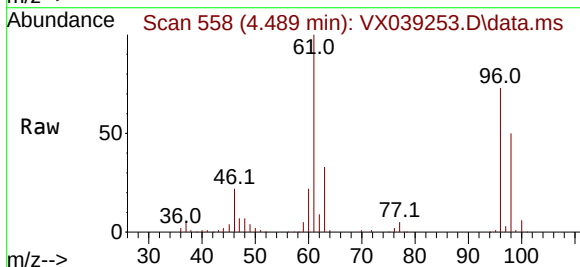
Tgt Ion: 96 Resp: 81124

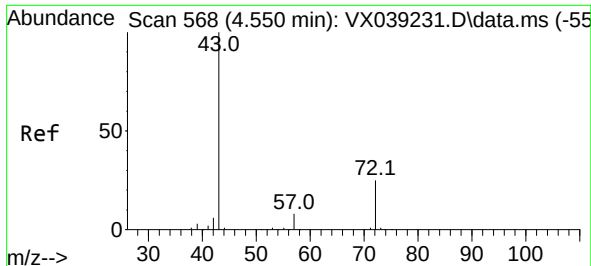
Ion Ratio Lower Upper

96 100

61 137.6 91.7 170.3

98 69.2 44.2 82.2

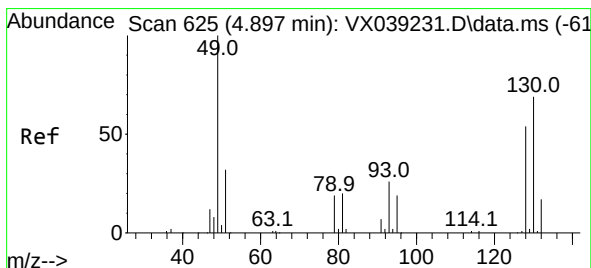
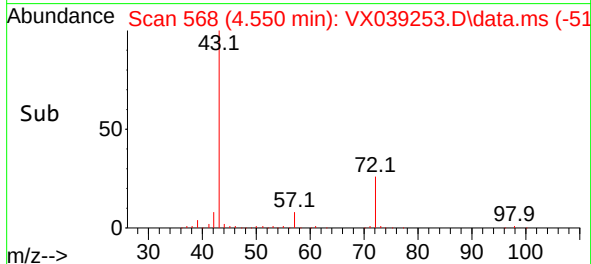
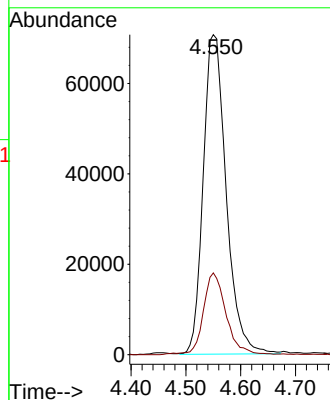
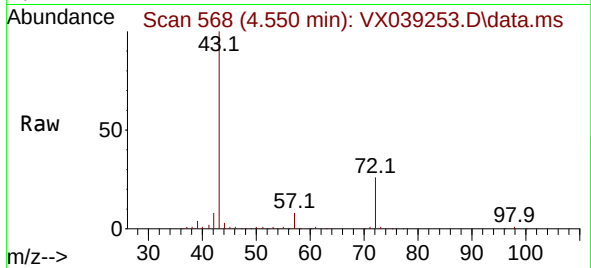




#22
2-Butanone
Concen: 126.972 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

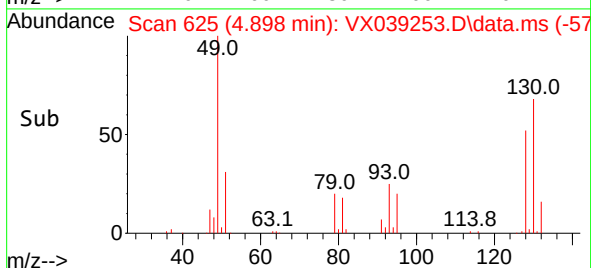
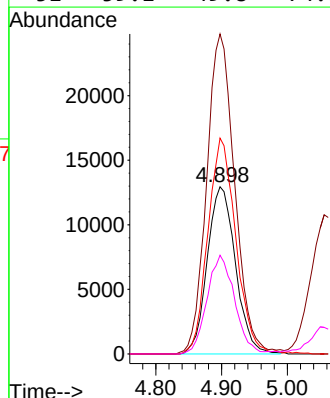
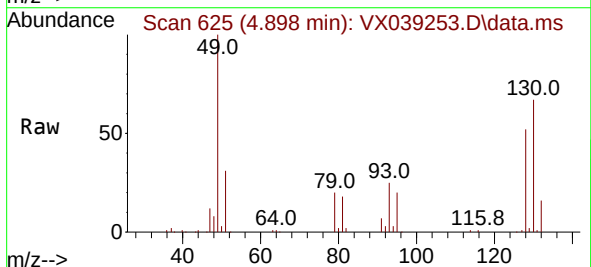
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MSD

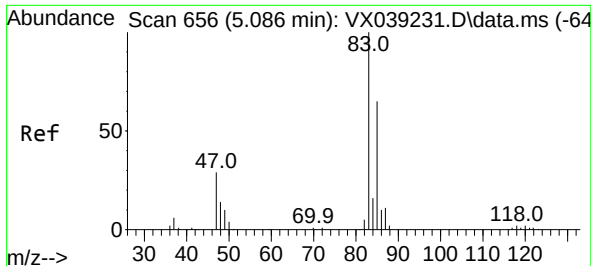
Tgt Ion: 43 Resp: 205718
Ion Ratio Lower Upper
43 100
72 25.1 12.6 37.6



#23
Bromochloromethane
Concen: 53.957 ug/L
RT: 4.898 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

Tgt Ion: 128 Resp: 38651
Ion Ratio Lower Upper
128 100
49 191.5 130.8 243.0
130 129.1 90.6 168.3
51 59.1 49.8 74.8

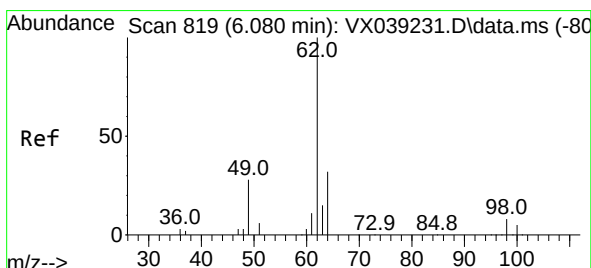
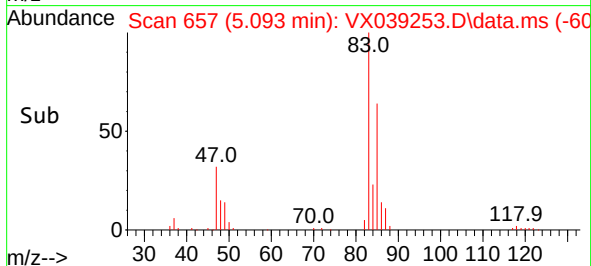
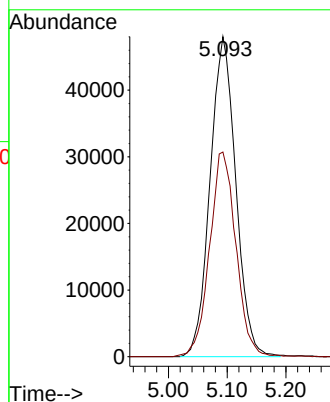
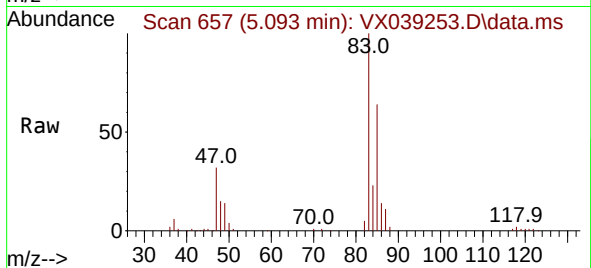




#25
Chloroform
Concen: 56.383 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

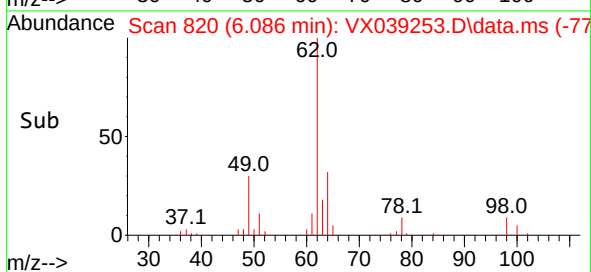
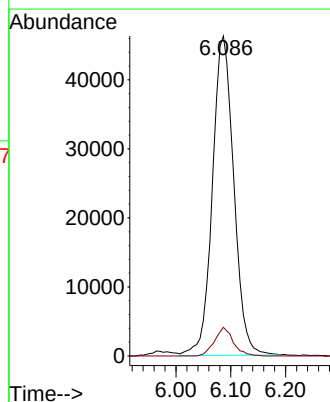
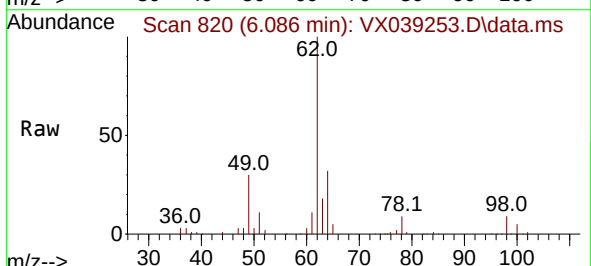
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MSD

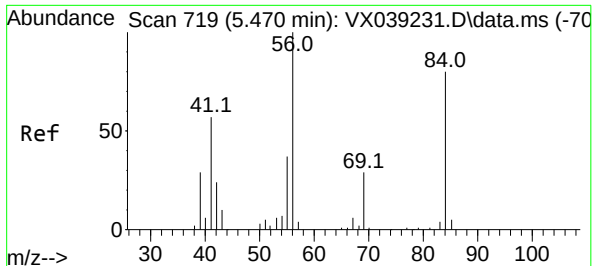
Tgt Ion: 83 Resp: 146091
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 61.318 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

Tgt Ion: 62 Resp: 125397
Ion Ratio Lower Upper
62 100
98 9.0 8.0 12.0





#29

Cyclohexane

Concen: 51.237 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MSD

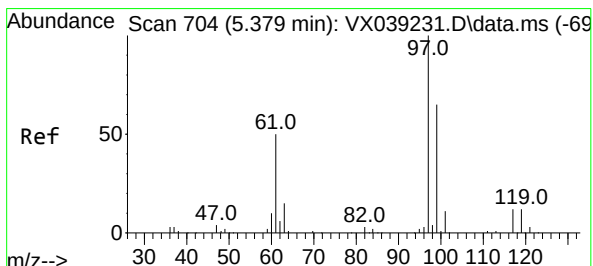
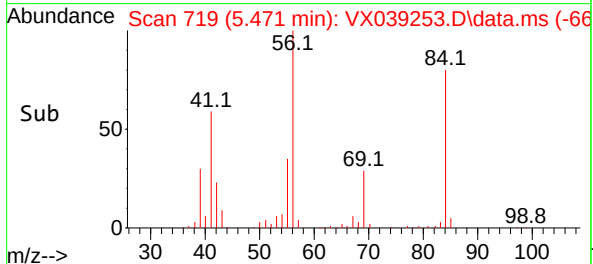
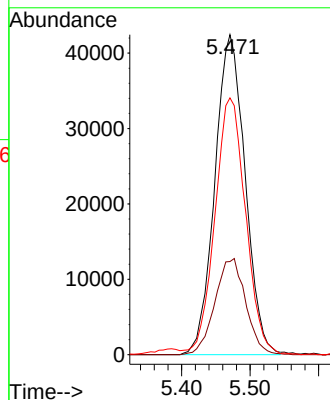
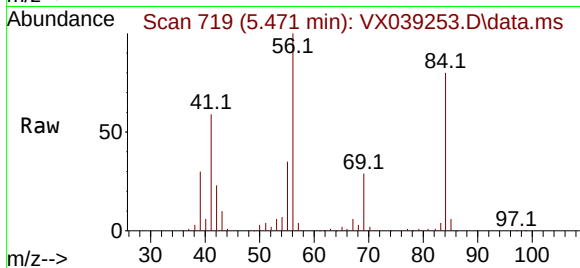
Tgt Ion: 56 Resp: 130296

Ion Ratio Lower Upper

56 100

69 30.5 24.5 36.7

84 80.4 67.0 100.4



#30

1,1,1-Trichloroethane

Concen: 56.030 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

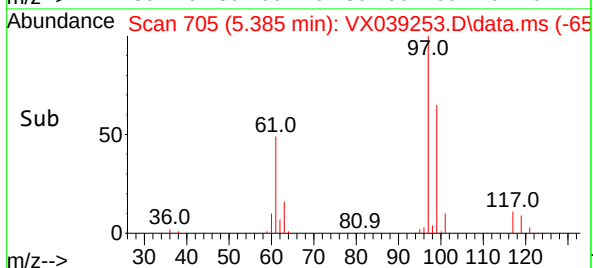
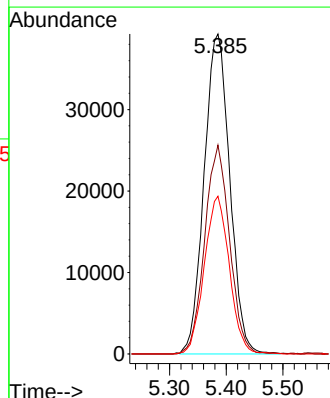
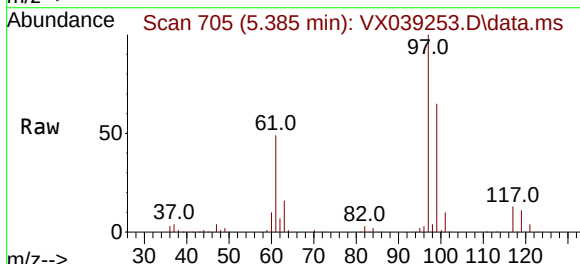
Tgt Ion: 97 Resp: 123583

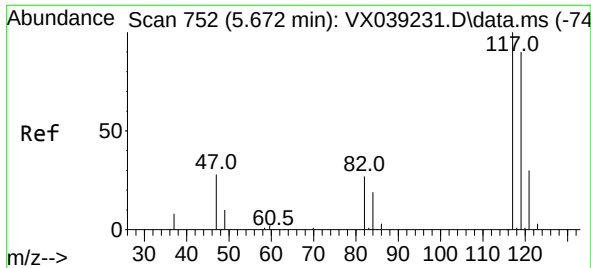
Ion Ratio Lower Upper

97 100

99 63.1 51.0 76.4

61 48.1 36.7 55.1

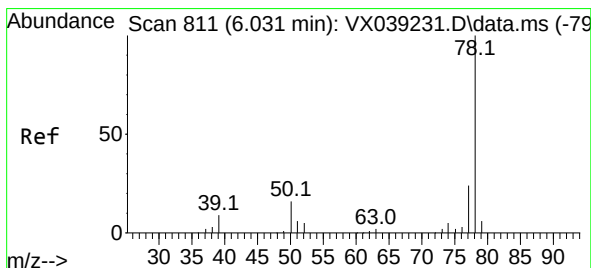
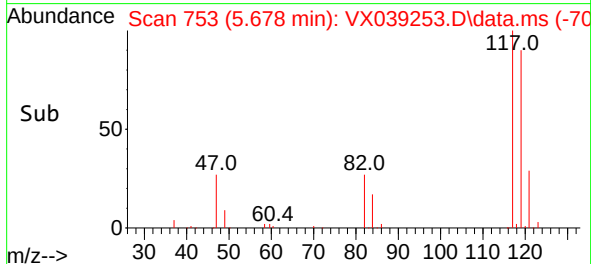
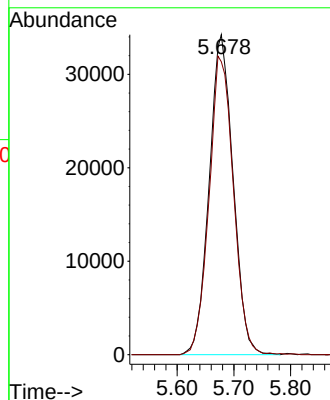
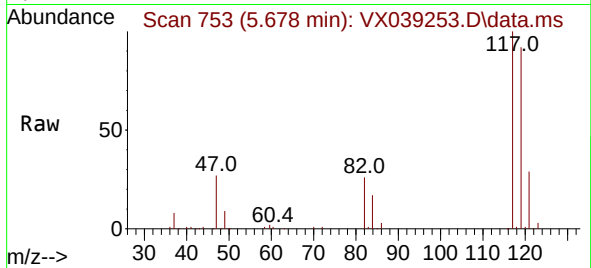




#31
Carbon tetrachloride
Concen: 54.386 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

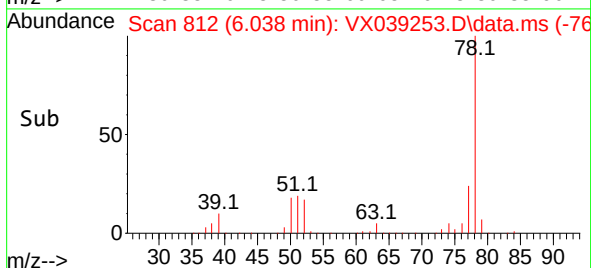
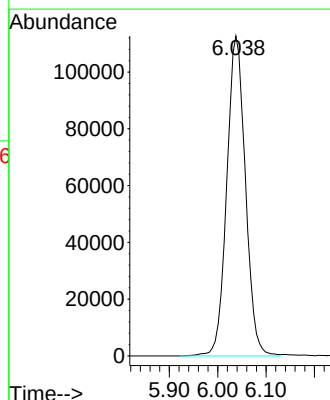
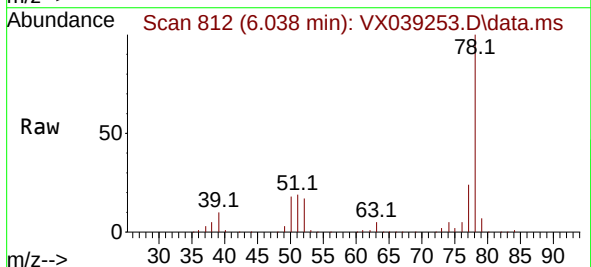
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MSD

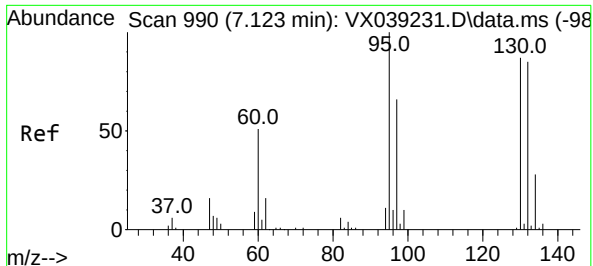
Tgt Ion:117 Resp: 100083
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4



#33
Benzene
Concen: 52.216 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

Tgt Ion: 78 Resp: 301657



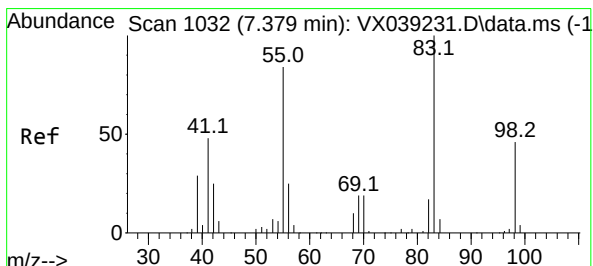
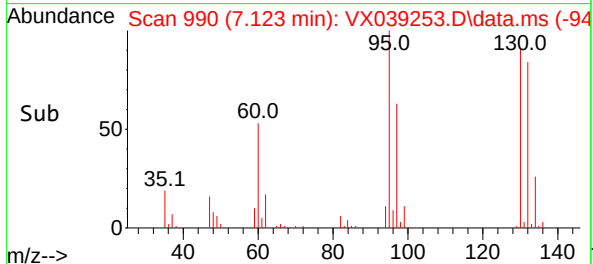
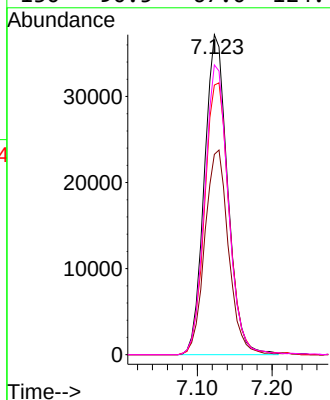
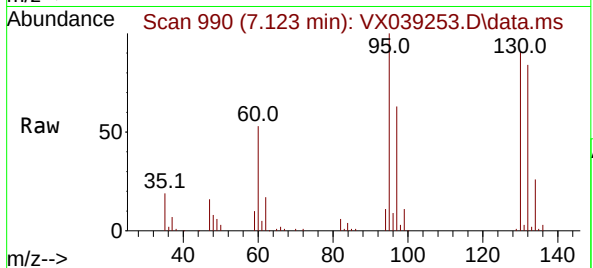


#34
Trichloroethene
Concen: 52.899 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

Instrument :
MSVOA_X
ClientSampleId :
YCHH3MSD

Tgt Ion: 95 Resp: 80762

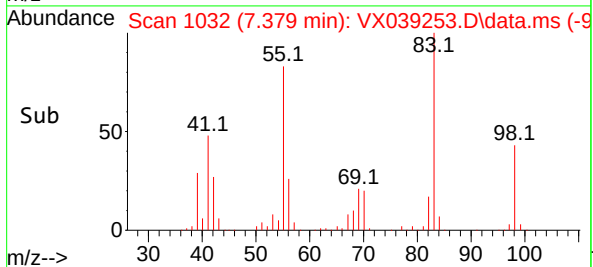
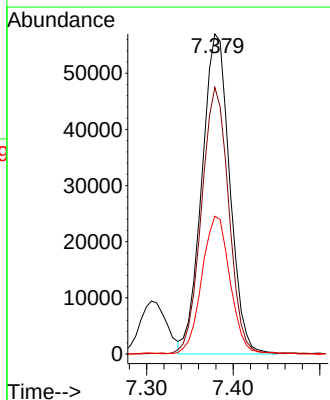
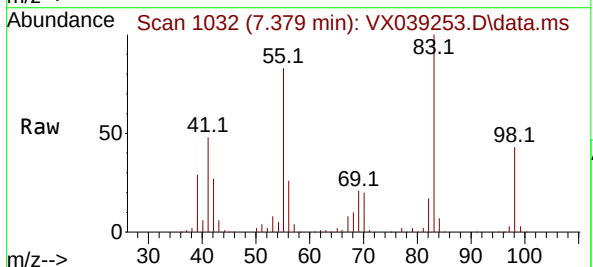
Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.5	84.5
132	84.2	62.2	115.4
130	90.5	67.0	124.4

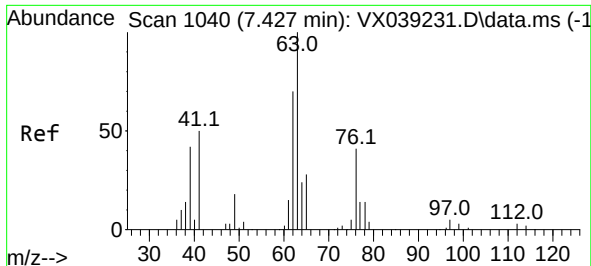


#35
Methylcyclohexane
Concen: 50.189 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

Tgt Ion: 83 Resp: 127617

Ion	Ratio	Lower	Upper
83	100		
55	81.3	62.5	93.7
98	43.5	36.1	54.1





#37

1,2-Dichloropropane

Concen: 53.756 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

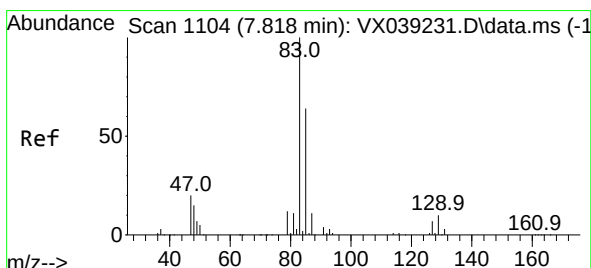
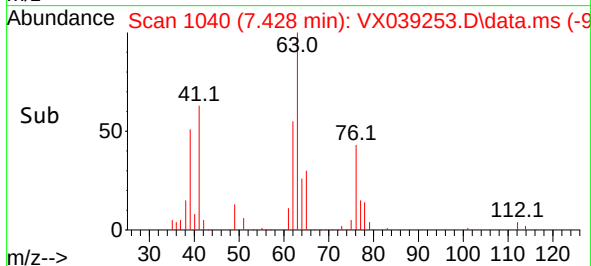
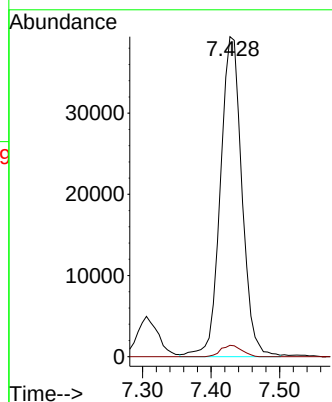
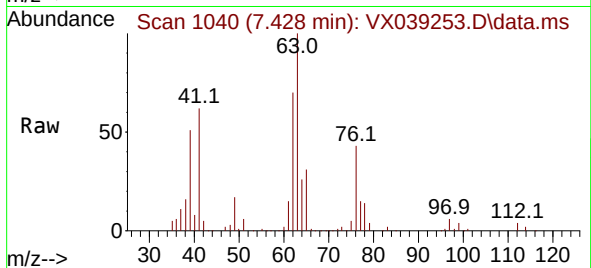
YCHH3MSD

Tgt Ion: 63 Resp: 86128

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 54.717 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

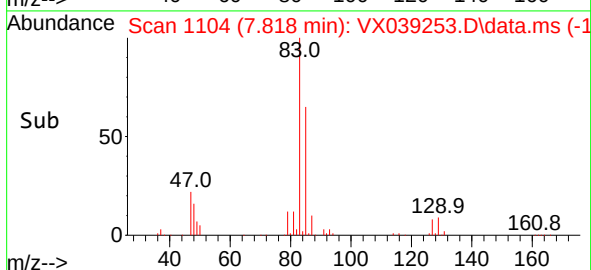
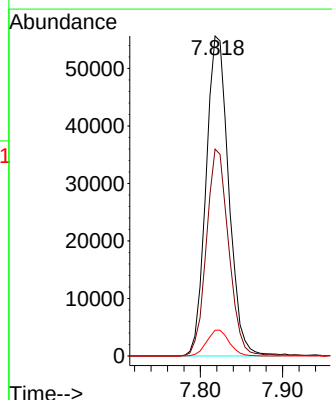
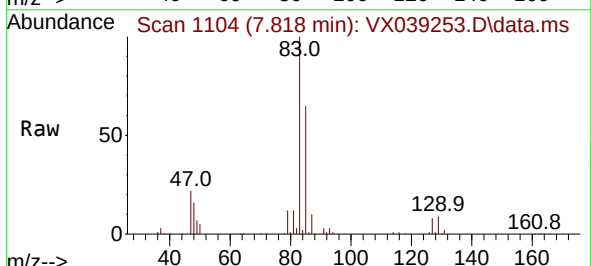
Tgt Ion: 83 Resp: 106629

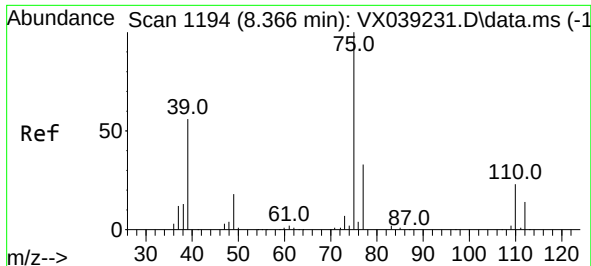
Ion Ratio Lower Upper

83 100

85 64.7 43.3 80.5

127 8.0 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 51.201 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

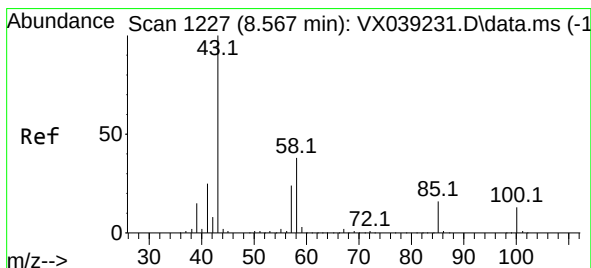
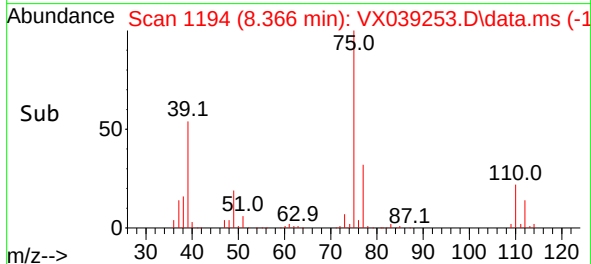
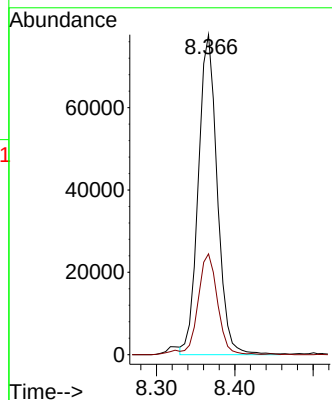
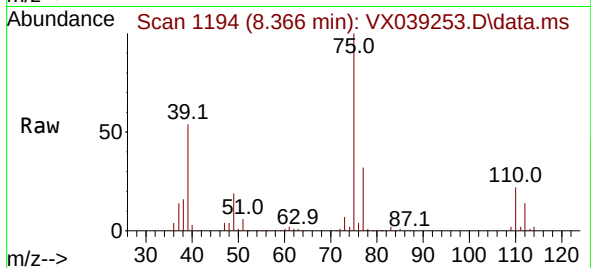
YCHH3MSD

Tgt Ion: 75 Resp: 130837

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 105.346 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

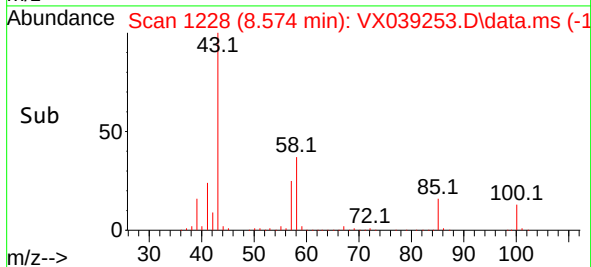
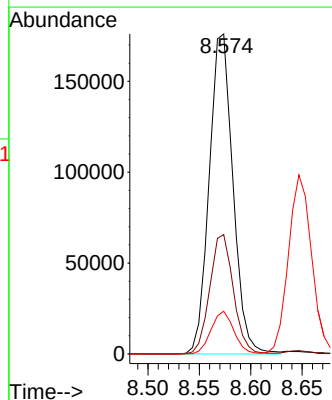
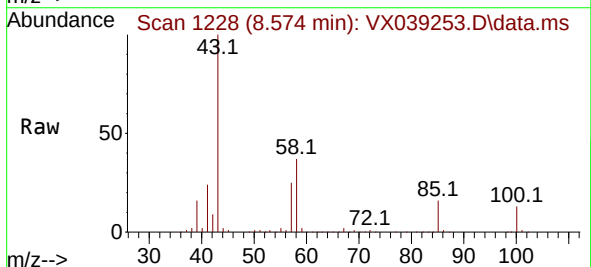
Tgt Ion: 43 Resp: 282877

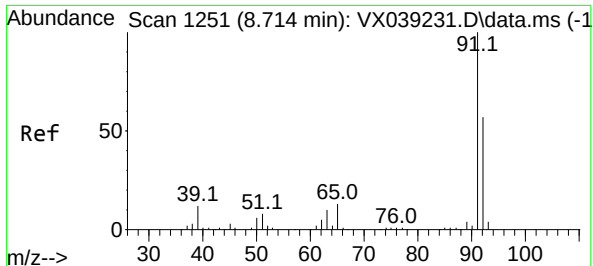
Ion Ratio Lower Upper

43 100

58 37.1 30.9 46.3

100 12.9 10.6 16.0

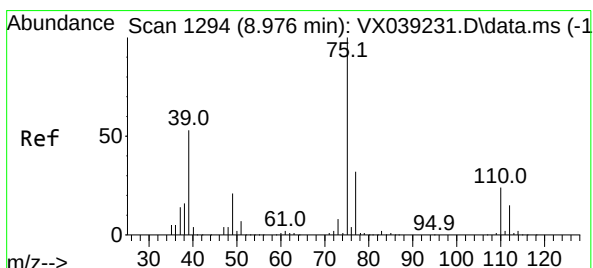
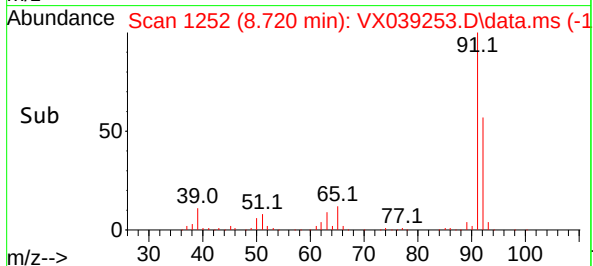
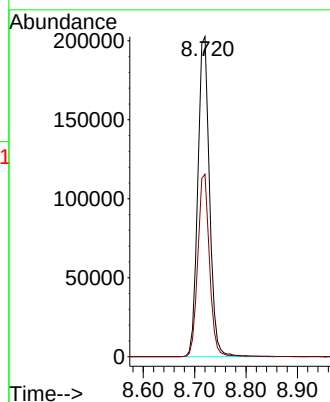
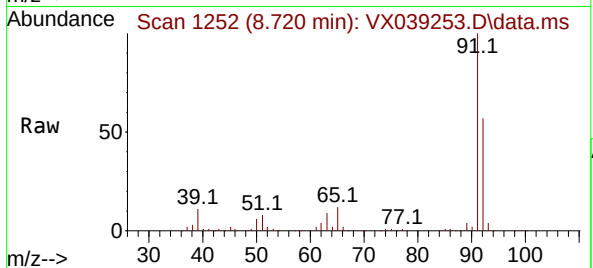




#42
Toluene
Concen: 52.494 ug/L
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

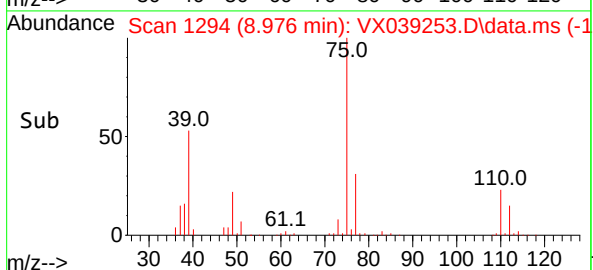
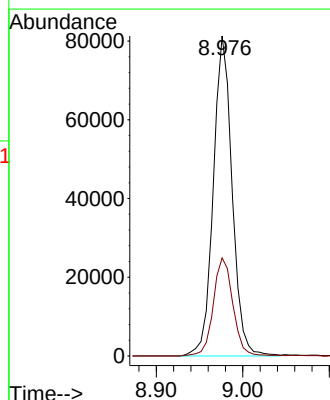
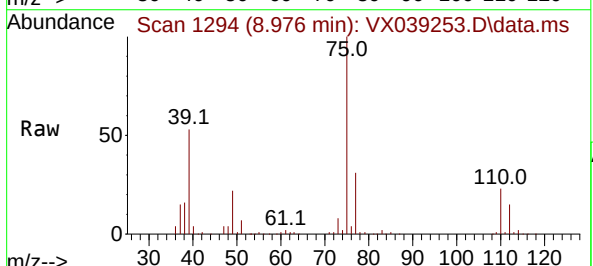
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MSD

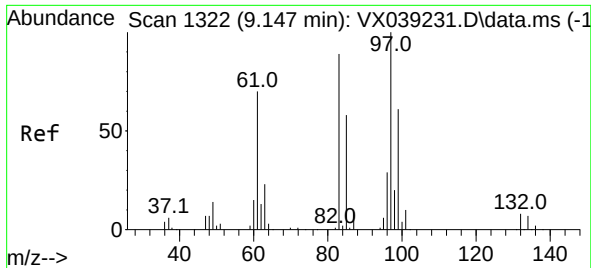
Tgt Ion: 91 Resp: 321585
Ion Ratio Lower Upper
91 100
92 57.0 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 51.809 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

Tgt Ion: 75 Resp: 122857
Ion Ratio Lower Upper
75 100
77 30.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 53.282 ug/L

RT: 9.153 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MSD

Tgt Ion: 97 Resp: 78233

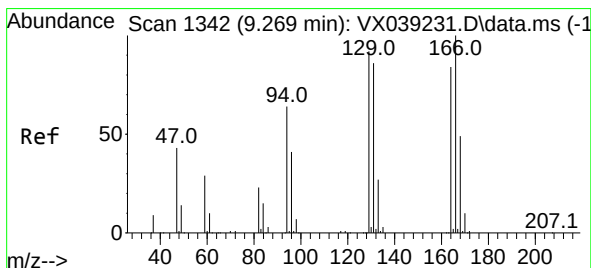
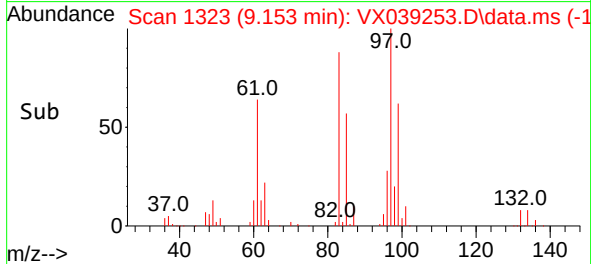
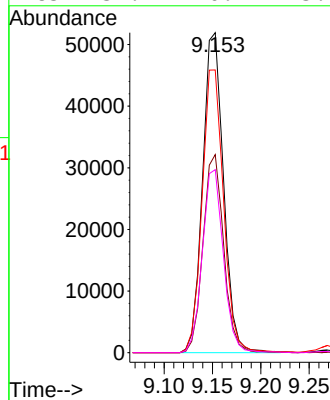
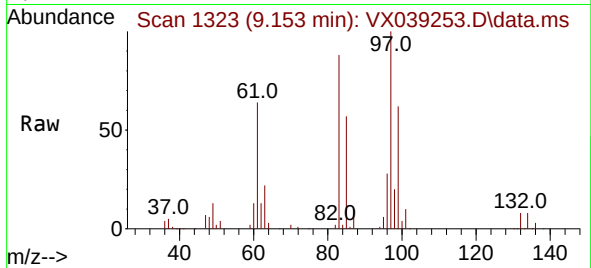
Ion Ratio Lower Upper

97 100

99 61.9 43.1 80.1

83 88.4 64.0 118.8

85 57.2 40.4 75.0



#46

Tetrachloroethene

Concen: 51.699 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Tgt Ion:164 Resp: 52068

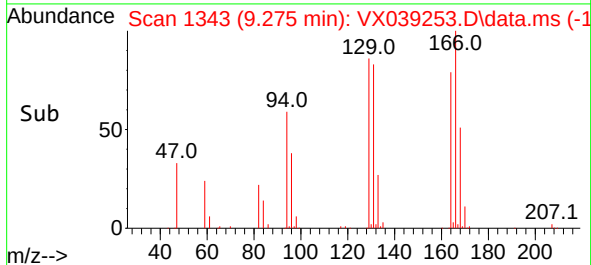
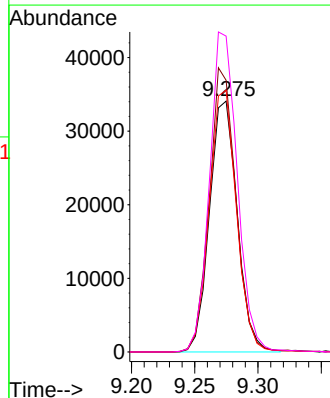
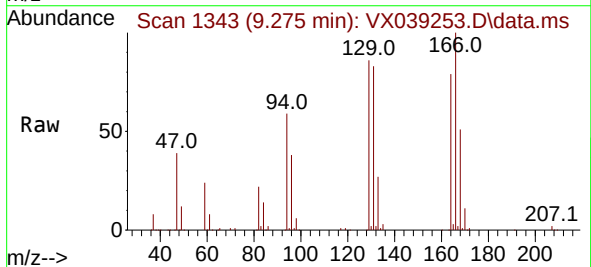
Ion Ratio Lower Upper

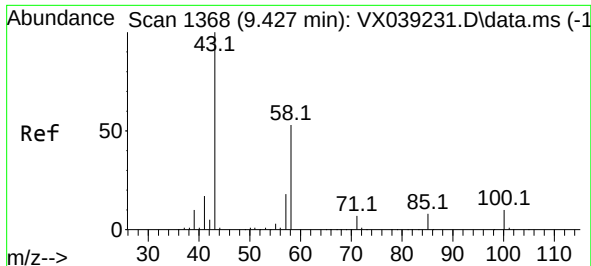
164 100

129 108.3 71.9 133.5

131 104.3 69.5 129.1

166 125.9 90.3 167.7





#48

2-Hexanone

Concen: 99.384 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MSD

Tgt Ion: 43 Resp: 223359

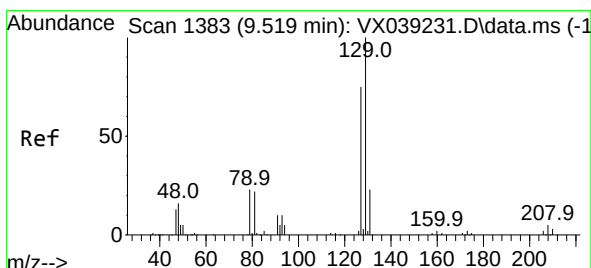
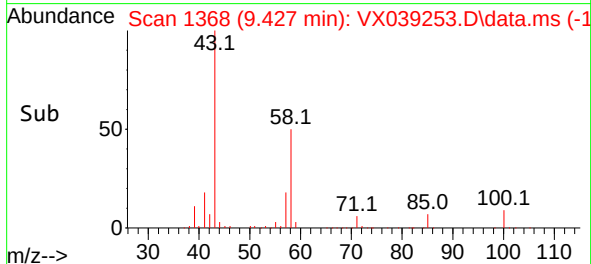
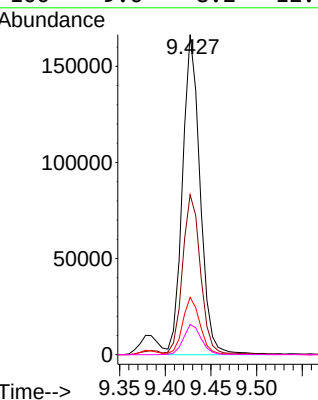
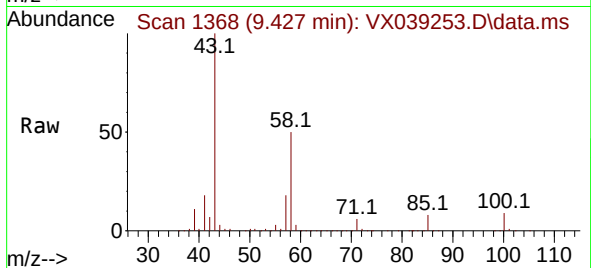
Ion Ratio Lower Upper

43 100

58 50.7 43.0 64.6

57 17.9 14.6 21.8

100 9.6 8.2 12.4



#49

Dibromochloromethane

Concen: 53.075 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX039253.D

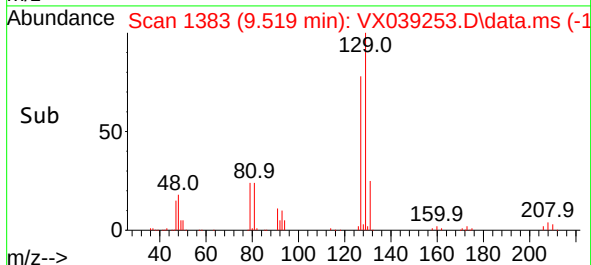
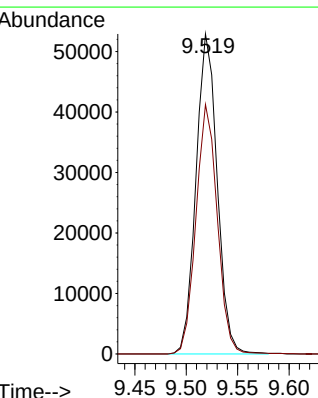
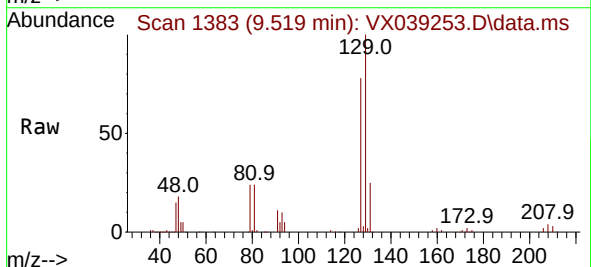
Acq: 16 Dec 2023 00:51

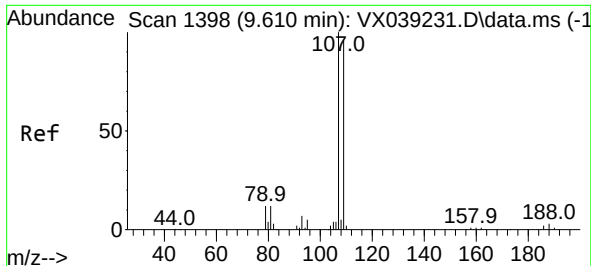
Tgt Ion:129 Resp: 75920

Ion Ratio Lower Upper

129 100

127 78.0 55.2 102.4





#50

1,2-Dibromoethane

Concen: 53.350 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MSD

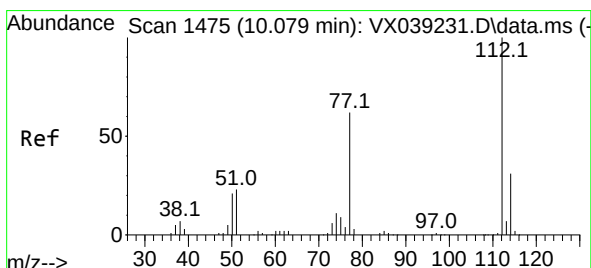
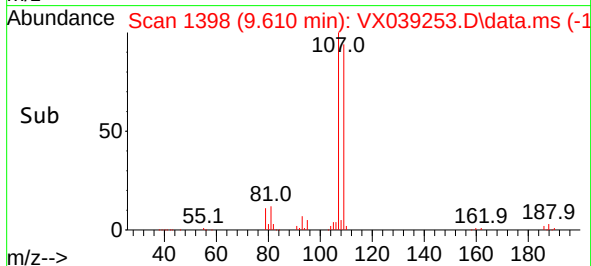
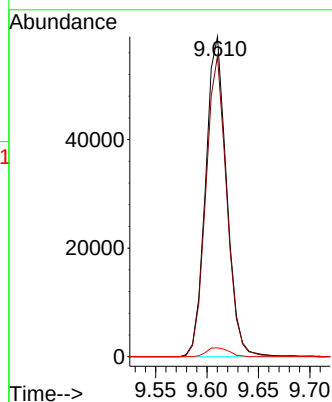
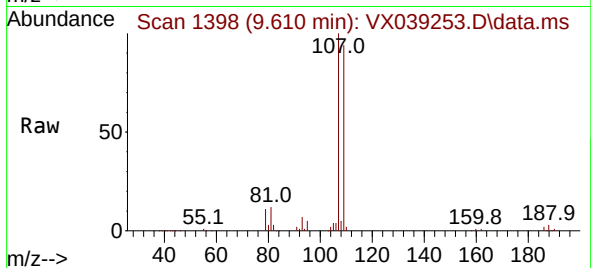
Tgt Ion:107 Resp: 83921

Ion Ratio Lower Upper

107 100

109 94.0 65.2 121.0

188 2.8 2.5 3.7



#51

Chlorobenzene

Concen: 51.735 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

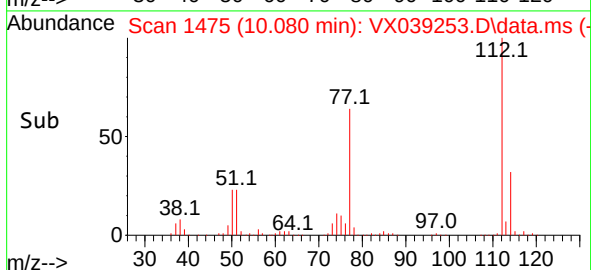
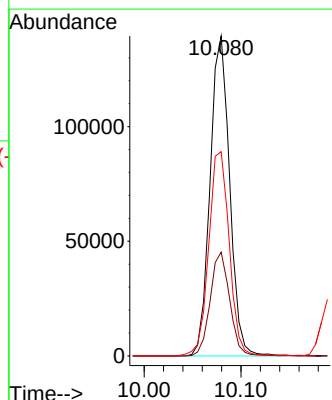
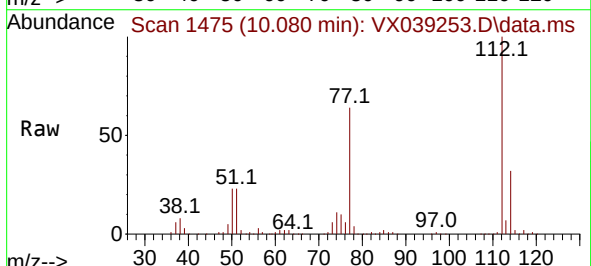
Tgt Ion:112 Resp: 195768

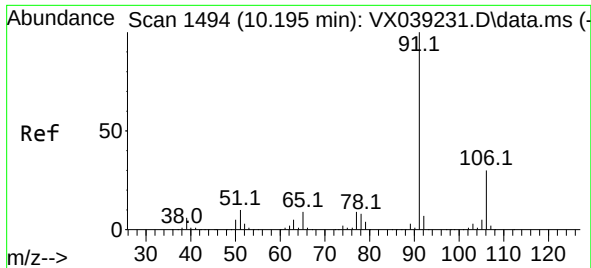
Ion Ratio Lower Upper

112 100

114 32.4 21.8 40.4

77 63.8 49.0 73.6

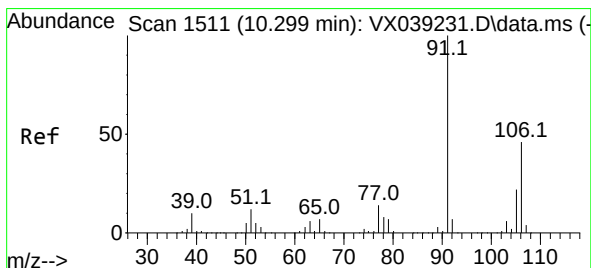
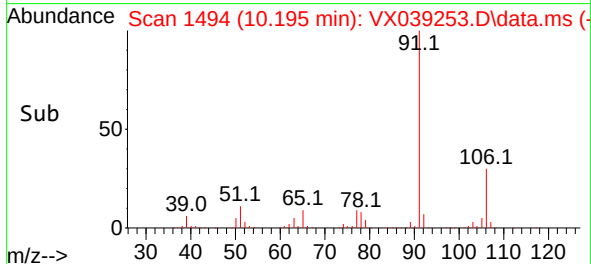
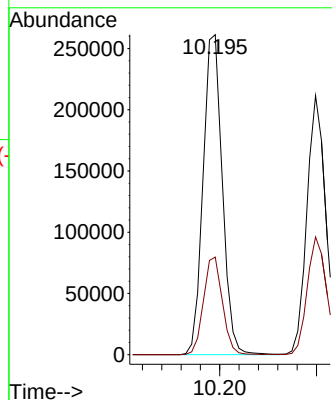
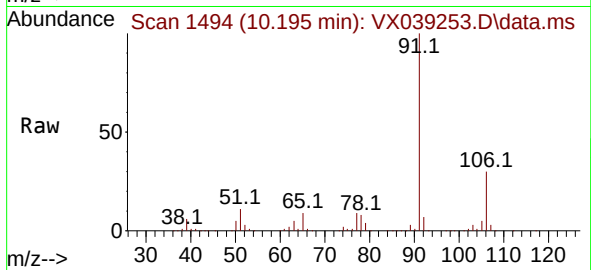




#52
Ethylbenzene
Concen: 52.863 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

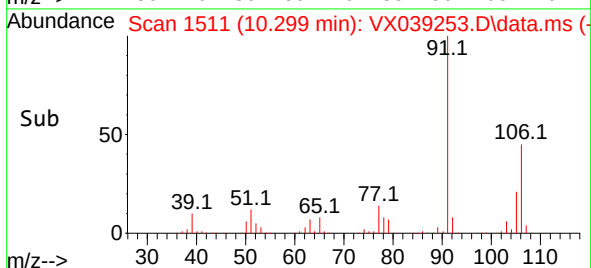
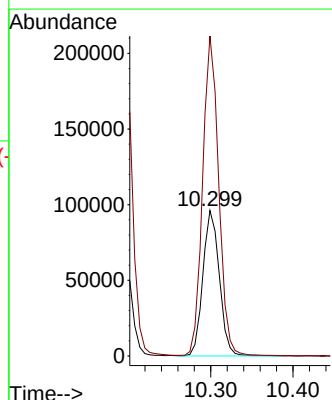
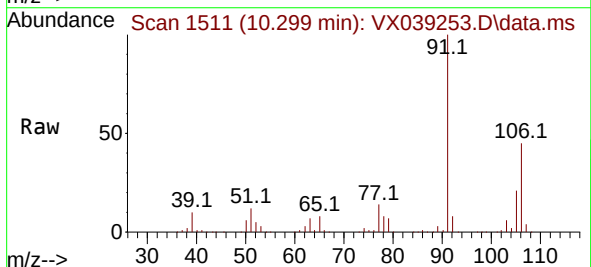
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MSD

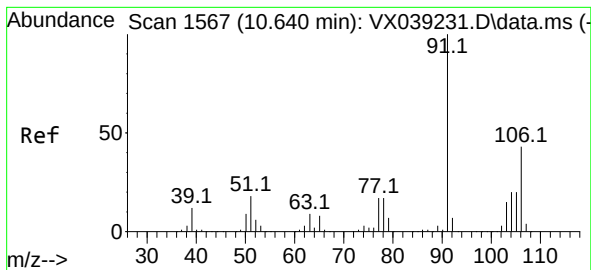
Tgt Ion: 91 Resp: 362045
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 52.143 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

Tgt Ion: 106 Resp: 133521
Ion Ratio Lower Upper
106 100
91 219.9 149.0 276.8





#54

o-Xylene

Concen: 52.658 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

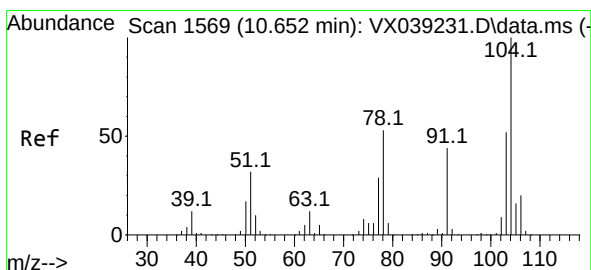
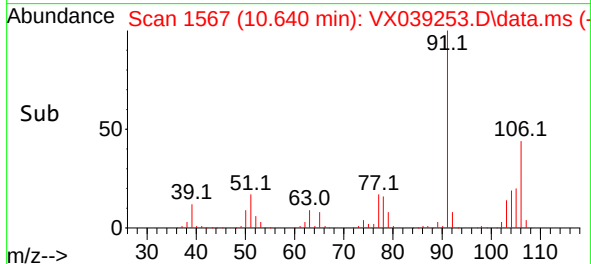
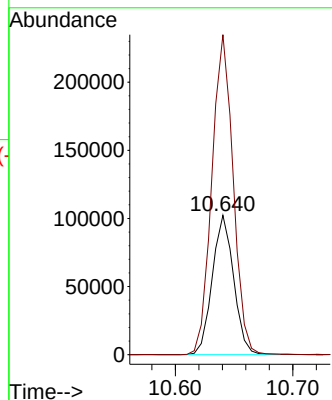
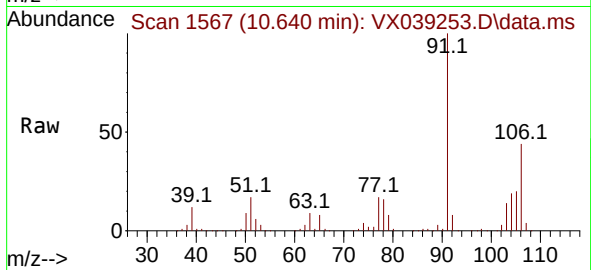
YCHH3MSD

Tgt Ion:106 Resp: 129384

Ion Ratio Lower Upper

106 100

91 229.6 156.2 290.0



#55

Styrene

Concen: 52.741 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039253.D

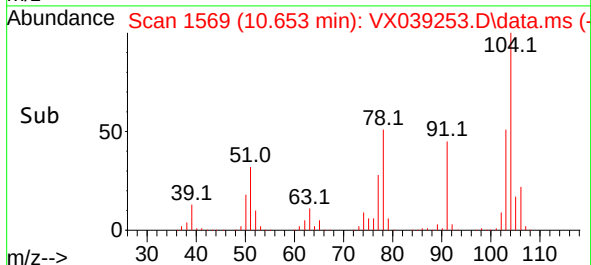
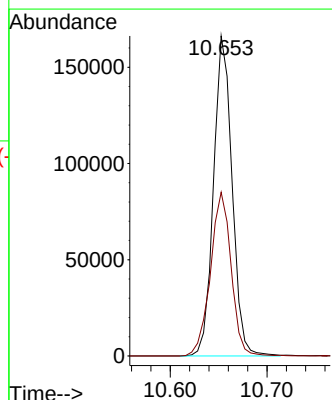
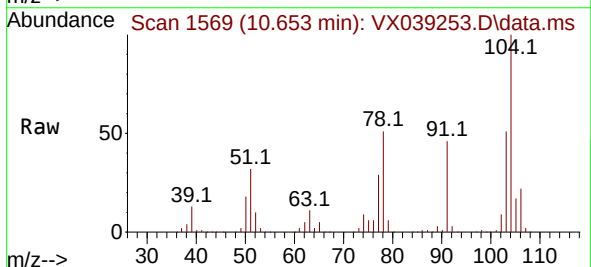
Acq: 16 Dec 2023 00:51

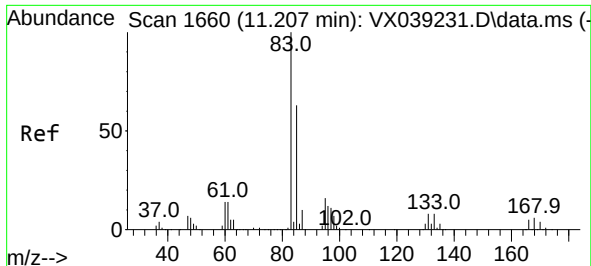
Tgt Ion:104 Resp: 221731

Ion Ratio Lower Upper

104 100

78 51.1 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 53.018 ug/L

RT: 11.207 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MSD

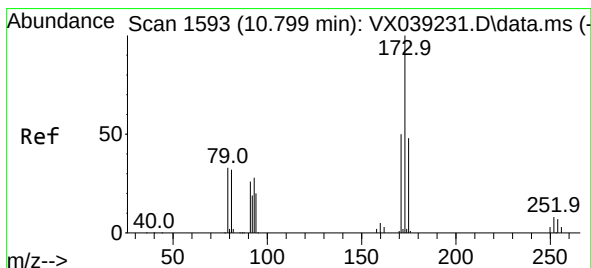
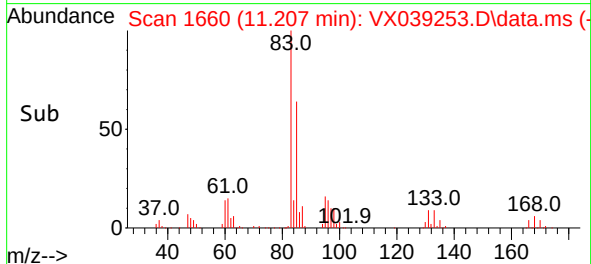
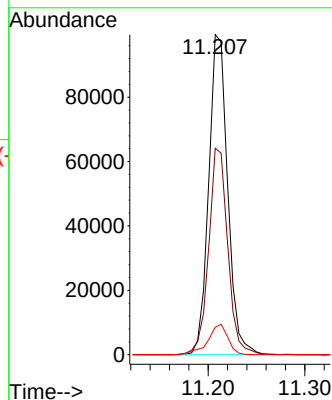
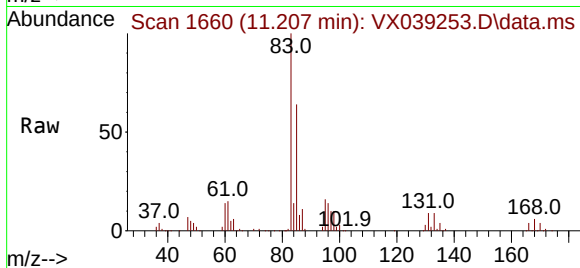
Tgt Ion: 83 Resp: 135857

Ion Ratio Lower Upper

83 100

85 64.5 45.2 84.0

131 8.6 7.2 10.8



#59

Bromoform

Concen: 49.745 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

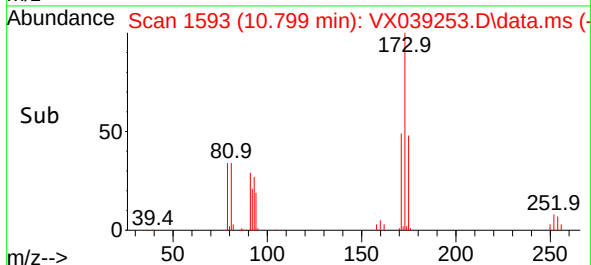
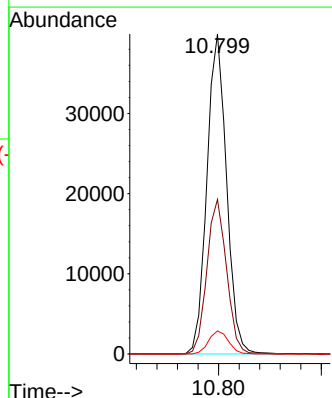
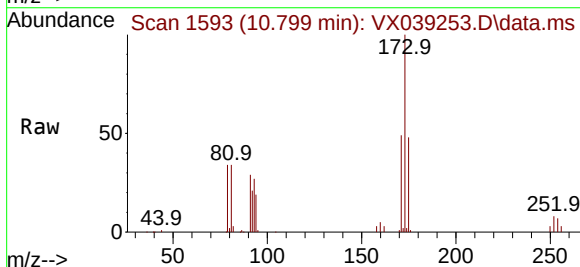
Tgt Ion:173 Resp: 52868

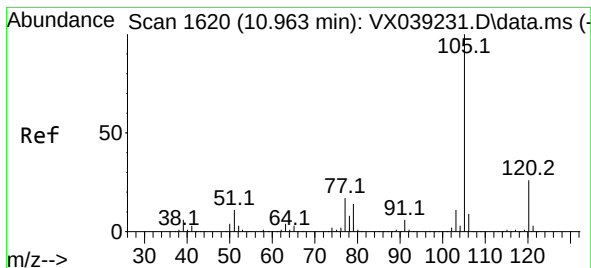
Ion Ratio Lower Upper

173 100

175 48.3 38.7 58.1

254 7.3 6.2 9.2





#60

Isopropylbenzene

Concen: 53.371 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MSD

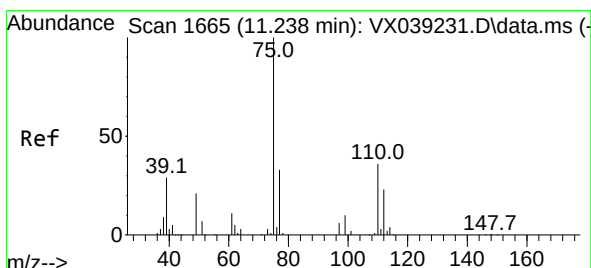
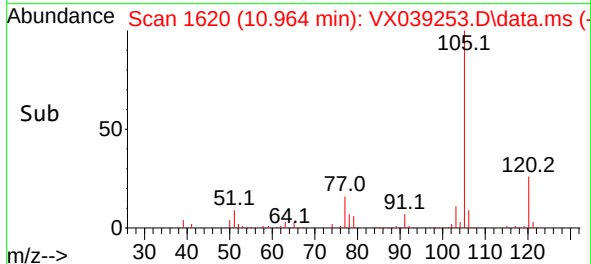
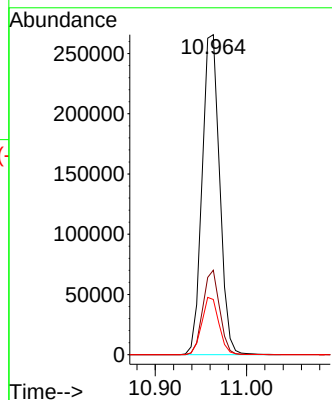
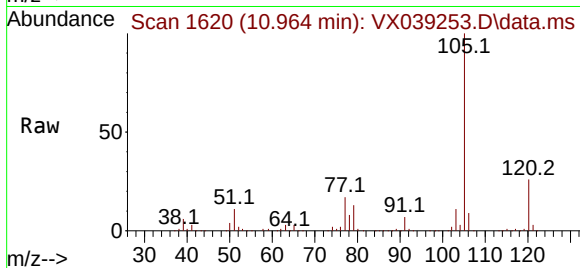
Tgt Ion:105 Resp: 352664

Ion Ratio Lower Upper

105 100

120 25.3 20.5 30.7

77 17.6 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 53.415 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

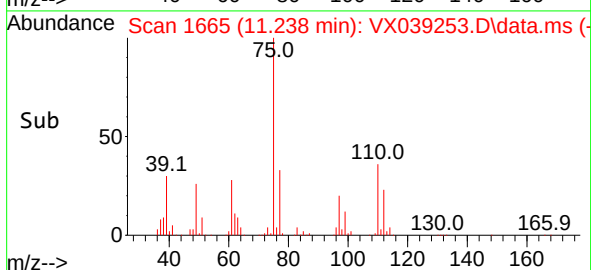
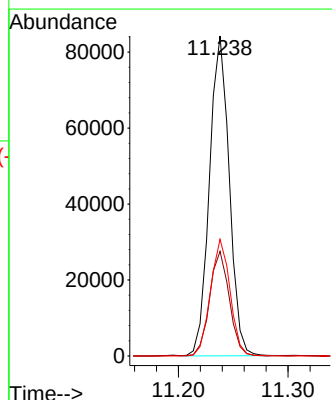
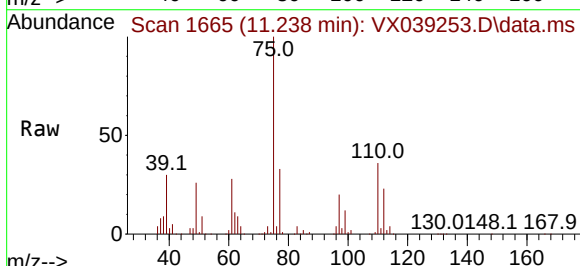
Tgt Ion: 75 Resp: 105812

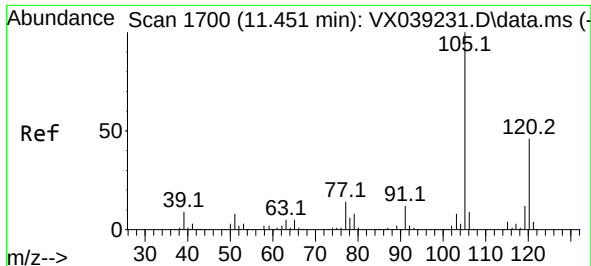
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

110 36.2 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 53.578 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

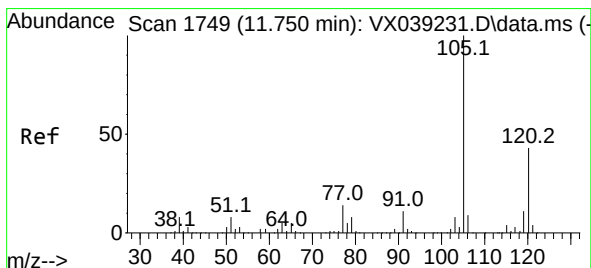
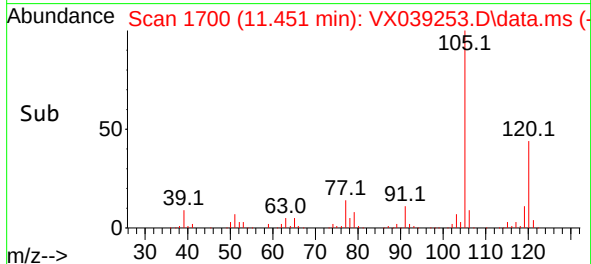
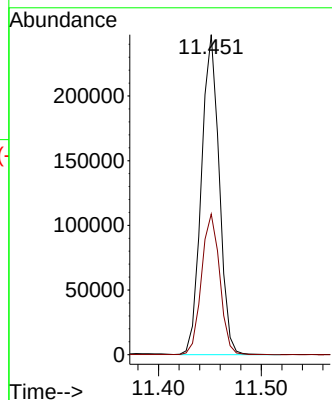
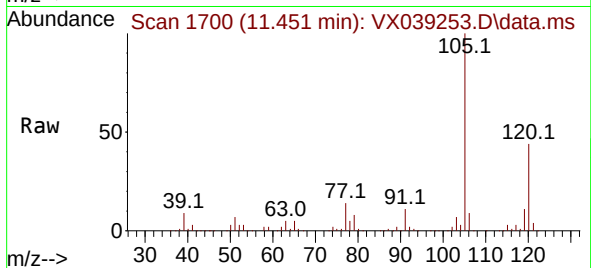
YCHH3MSD

Tgt Ion:105 Resp: 298887

Ion Ratio Lower Upper

105 100

120 44.9 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 54.135 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039253.D

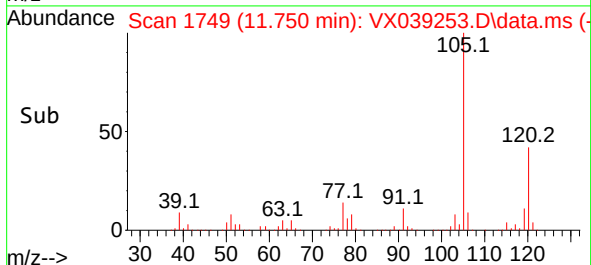
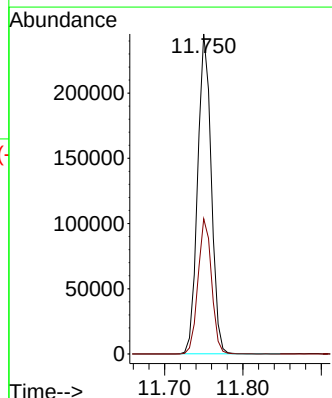
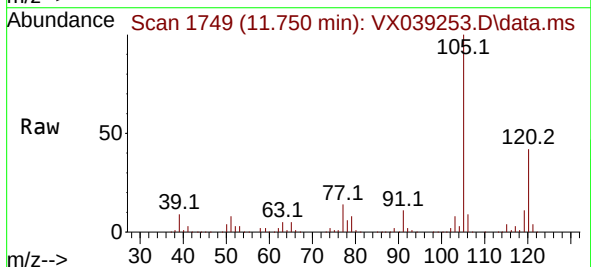
Acq: 16 Dec 2023 00:51

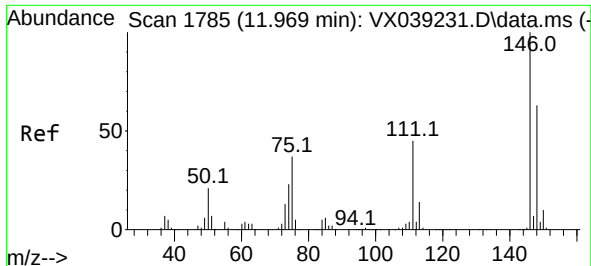
Tgt Ion:105 Resp: 296121

Ion Ratio Lower Upper

105 100

120 42.1 34.9 52.3

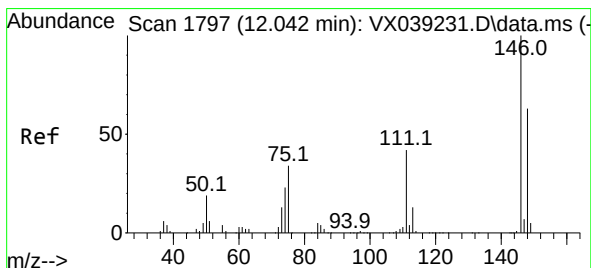
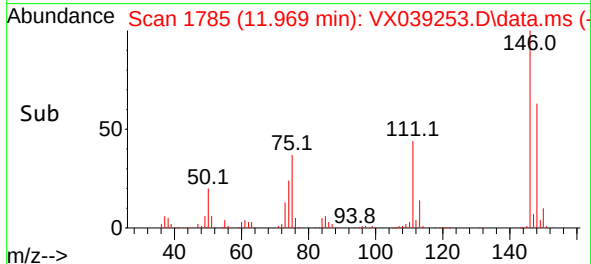
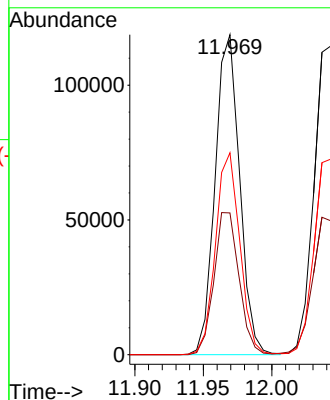
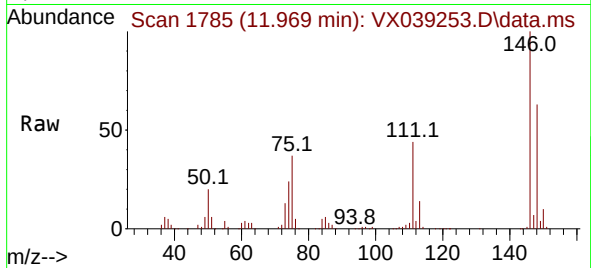




#64
1,3-Dichlorobenzene
Concen: 52.212 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

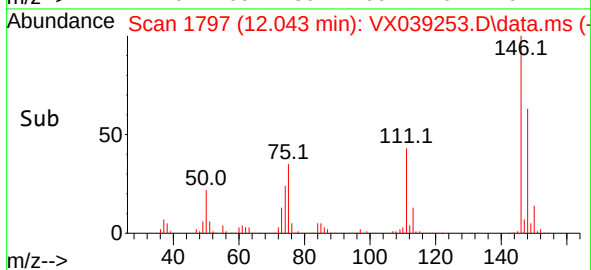
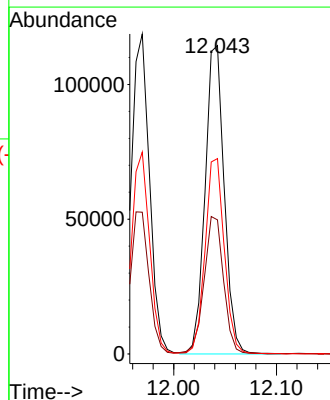
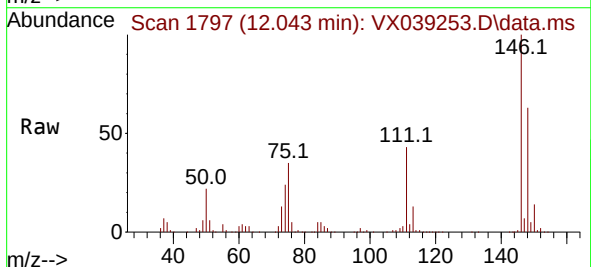
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MSD

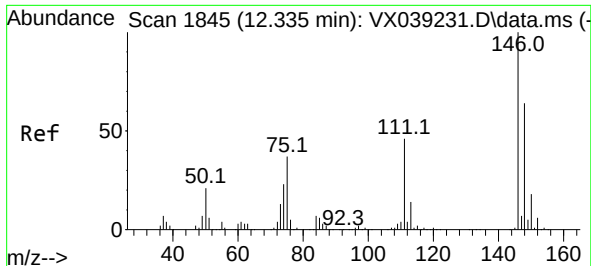
Tgt Ion:146 Resp: 147669
Ion Ratio Lower Upper
146 100
111 44.3 30.0 55.6
148 63.1 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 51.943 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039253.D
Acq: 16 Dec 2023 00:51

Tgt Ion:146 Resp: 148867
Ion Ratio Lower Upper
146 100
111 43.5 29.7 55.1
148 63.4 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 52.387 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MSD

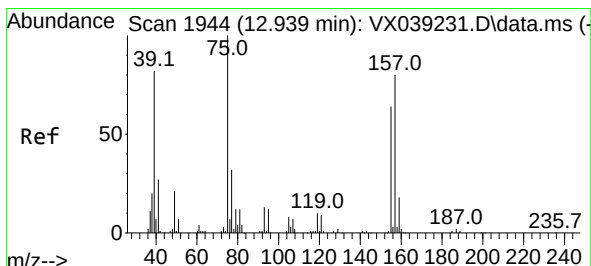
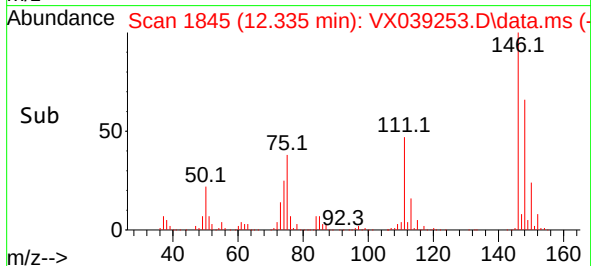
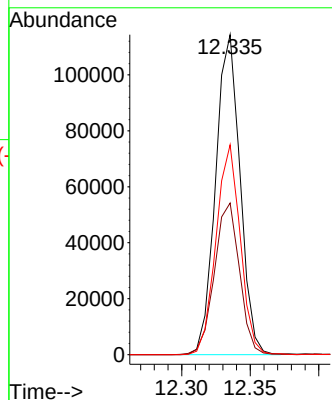
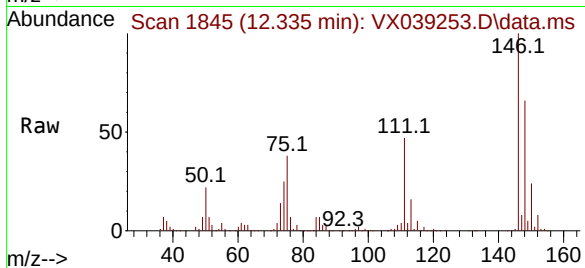
Tgt Ion:146 Resp: 141729

Ion Ratio Lower Upper

146 100

111 47.4 36.4 54.6

148 65.6 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 53.699 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

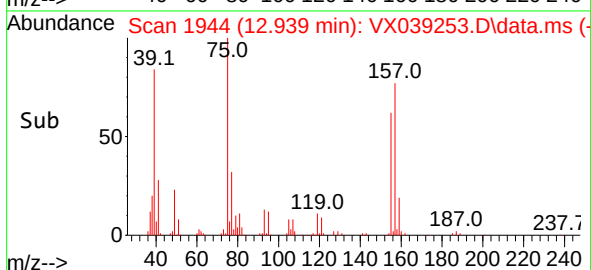
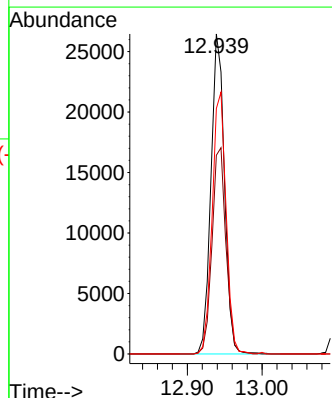
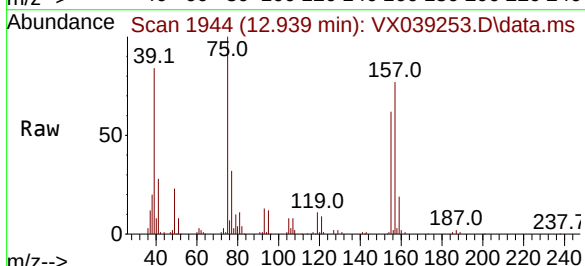
Tgt Ion: 75 Resp: 33199

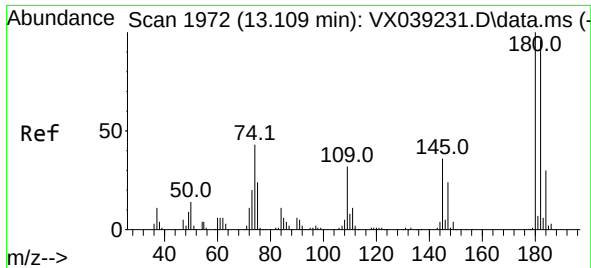
Ion Ratio Lower Upper

75 100

155 62.1 52.3 78.5

157 76.7 68.7 103.1

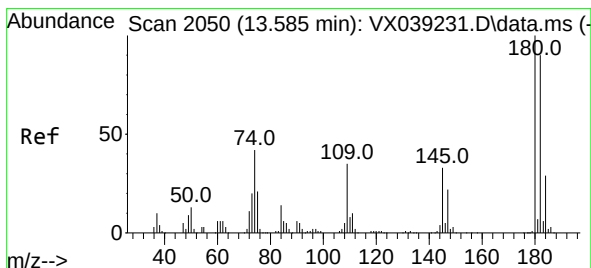
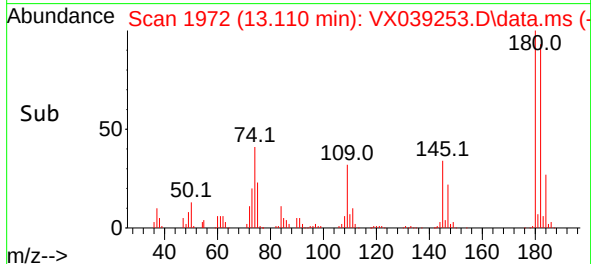
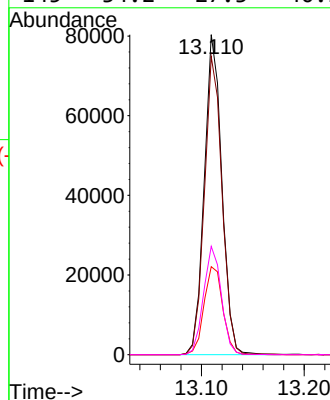
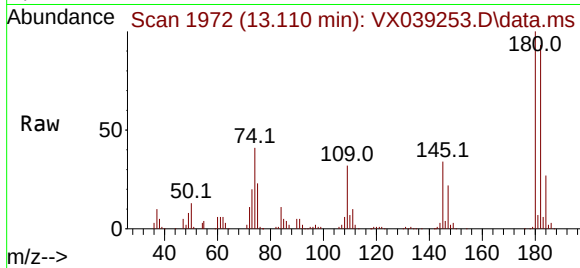




#69
 1,3,5-Trichlorobenzene
 Concen: 51.139 ug/L
 RT: 13.110 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: VX039253.D
 Acq: 16 Dec 2023 00:51

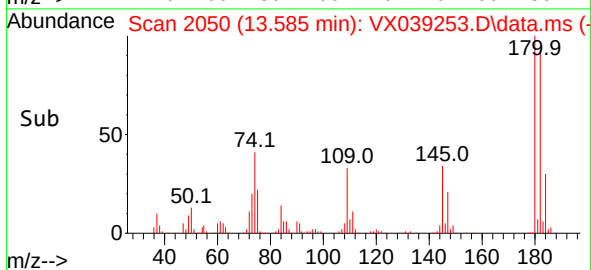
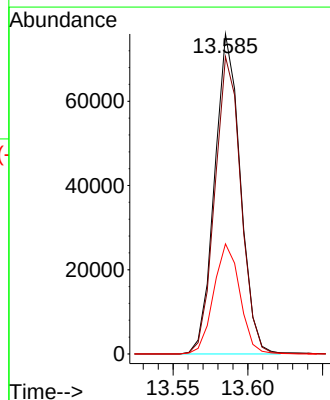
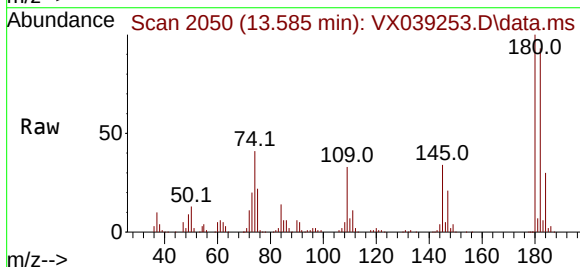
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH3MSD

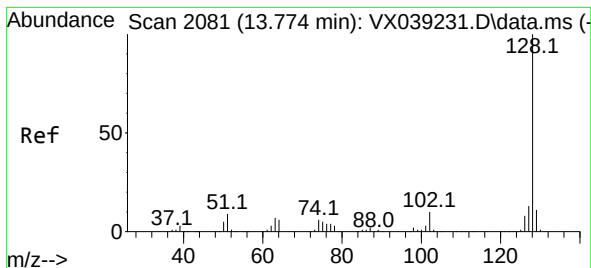
Tgt Ion:180 Resp: 95649
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.1 114.1
 184 29.3 24.1 36.1
 145 34.2 27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 51.585 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX039253.D
 Acq: 16 Dec 2023 00:51

Tgt Ion:180 Resp: 90958
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.8 115.2
 145 35.0 27.8 41.6





#71

Naphthalene

Concen: 52.631 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MSD

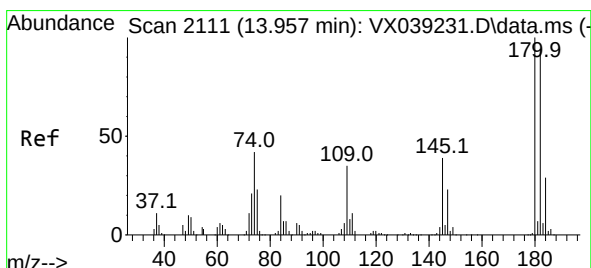
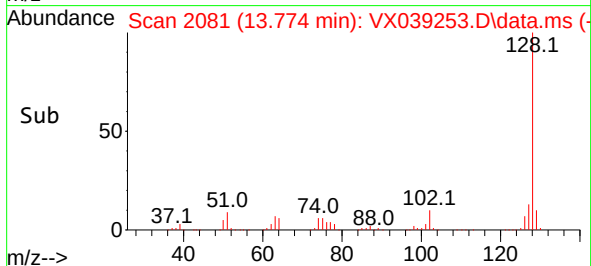
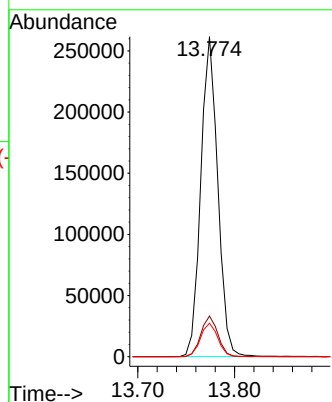
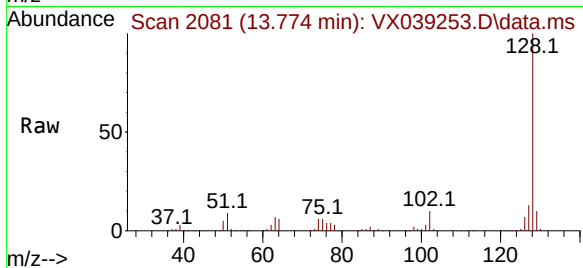
Tgt Ion:128 Resp: 318265

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 51.670 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039253.D

Acq: 16 Dec 2023 00:51

Tgt Ion:180 Resp: 88217

Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

145 37.4 28.6 42.8

