

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039252.D
 Acq On : 16 Dec 2023 00:28
 Operator : JC/MD
 Sample : 05844-14MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH3MS

Quant Time: Dec 16 01:54:30 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	198181	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	187817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	92837	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65653	42.236	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.480%
7) Chloroethane-d5	1.666	69	51478	44.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.307	65	33427	48.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.980%
21) 2-Butanone-d5	4.453	46	150688	107.094	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.090%
24) Chloroform-d	5.056	84	147758	53.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	5.958	65	99235	55.685	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.380%
32) Benzene-d6	5.977	84	278622	48.068	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.140%
36) 1,2-Dichloropropane-d6	7.306	67	91320	48.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.900%
41) Toluene-d8	8.647	98	246851	46.993	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.980%
43) trans-1,3-Dichloroprop...	8.946	79	42965	45.261	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.520%
47) 2-Hexanone-d5	9.385	63	113500	101.872	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.870%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	138688	52.409	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.820%
66) 1,2-Dichlorobenzene-d4	12.317	152	87314	49.758	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	86932	55.004	ug/L	98
3) Chloromethane	1.295	50	84242	50.996	ug/L	99
5) Vinyl chloride	1.374	62	80118	49.210	ug/L	97
6) Bromomethane	1.605	94	45085	51.304	ug/L	98
8) Chloroethane	1.691	64	45870	49.835	ug/L	97
9) Trichlorofluoromethane	1.886	101	115739	54.851	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	74146	54.628	ug/L	97
12) 1,1-Dichloroethene	2.319	96	69007	54.051	ug/L	95
13) Acetone	2.374	43	131405	97.213	ug/L	96
14) Carbon disulfide	2.514	76	202750	49.906	ug/L	100
15) Methyl Acetate	2.703	43	89752	46.454	ug/L	98
16) Methylene chloride	2.788	84	78231	53.333	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	71326	53.023	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	257927	55.085	ug/L	97
19) 1,1-Dichloroethane	3.611	63	144500	54.327	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	82393	52.807	ug/L	96
22) 2-Butanone	4.550	43	213765	128.859	ug/L	100
23) Bromochloromethane	4.904	128	38330	52.260	ug/L	97
25) Chloroform	5.093	83	148309	55.903	ug/L	97

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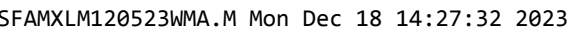
Instrument :
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 ClientSampleId :
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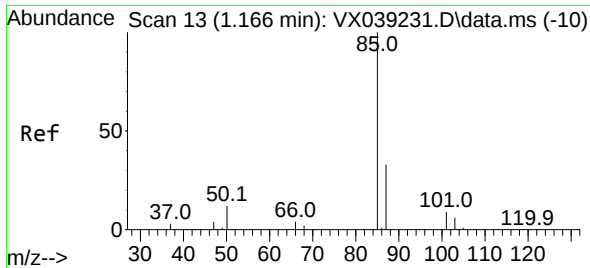
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 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	126063	60.205	ug/L	95
29) Cyclohexane	5.471	56	131981	50.234	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	123434	54.166	ug/L	98
31) Carbon tetrachloride	5.678	117	100275	52.741	ug/L	100
33) Benzene	6.038	78	306268	51.313	ug/L	100
34) Trichloroethene	7.123	95	81709	51.801	ug/L	96
35) Methylcyclohexane	7.379	83	127172	48.409	ug/L	96
37) 1,2-Dichloropropane	7.428	63	85303	51.532	ug/L	99
38) Bromodichloromethane	7.824	83	107110	53.199	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	130505	49.431	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	290199	104.603	ug/L	98
42) Toluene	8.720	91	326421	51.573	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	124522	50.825	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	79311	52.282	ug/L	97
46) Tetrachloroethene	9.275	164	53391	51.311	ug/L	97
48) 2-Hexanone	9.427	43	229190	98.704	ug/L	97
49) Dibromochloromethane	9.519	129	77427	52.391	ug/L	98
50) 1,2-Dibromoethane	9.610	107	84344	51.897	ug/L	100
51) Chlorobenzene	10.080	112	201661	51.581	ug/L	98
52) Ethylbenzene	10.195	91	368102	52.022	ug/L	100
53) m,p-Xylene	10.299	106	134266	50.751	ug/L	98
54) o-Xylene	10.640	106	129040	50.832	ug/L	95
55) Styrene	10.653	104	224184	51.612	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.214	83	138659	52.375	ug/L	99
59) Bromoform	10.799	173	53790	49.299	ug/L	98
60) Isopropylbenzene	10.964	105	357973	52.770	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	107416	52.818	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	301932	52.720	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	297731	53.017	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	147905	50.939	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	147899	50.267	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	143574	51.692	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	33613	52.959	ug/L	93
69) 1,3,5-Trichlorobenzene	13.110	180	96444	50.226	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	90330	49.900	ug/L	97
71) Naphthalene	13.774	128	314463	50.653	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	87298	49.806	ug/L	99

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

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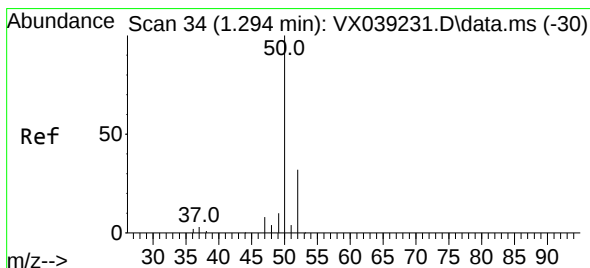
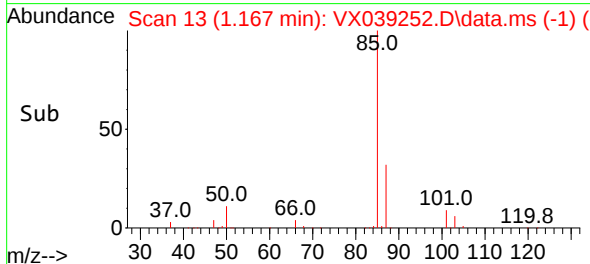
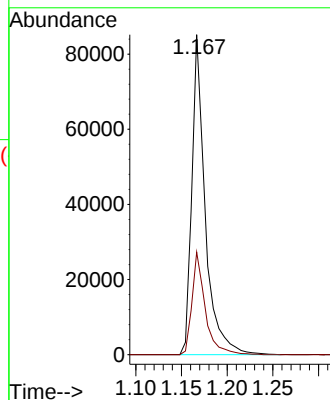
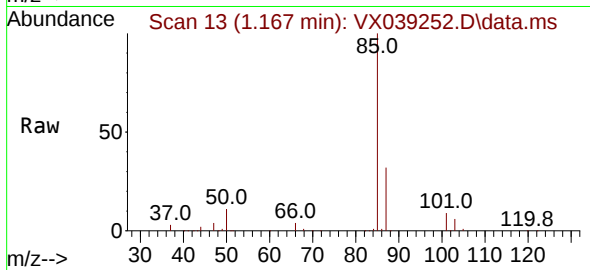




#2
 Dichlorodifluoromethane
 Concen: 55.004 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039252.D
 Acq: 16 Dec 2023 00:28

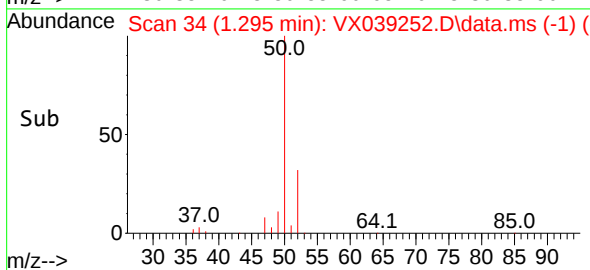
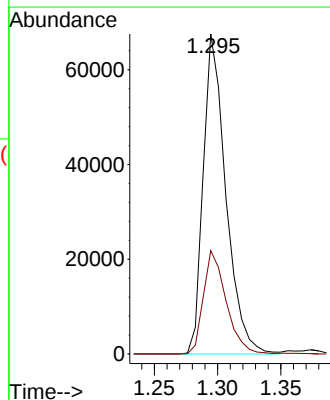
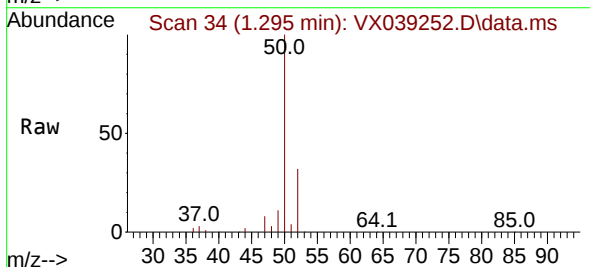
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH3MS

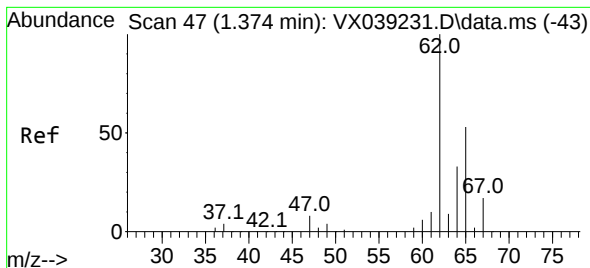
Tgt Ion: 85 Resp: 86932
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.2 39.4



#3
 Chloromethane
 Concen: 50.996 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX039252.D
 Acq: 16 Dec 2023 00:28

Tgt Ion: 50 Resp: 84242
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.4 41.6

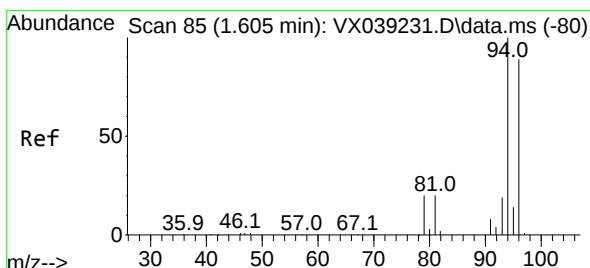
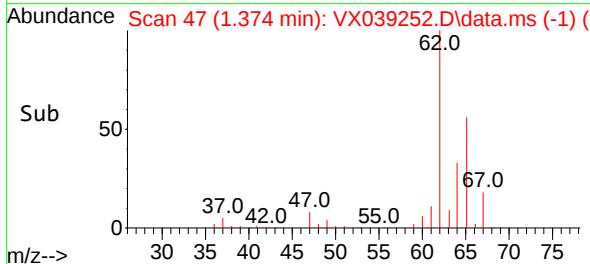
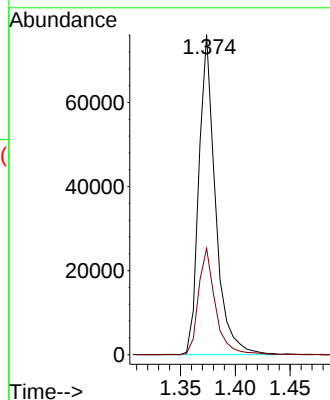
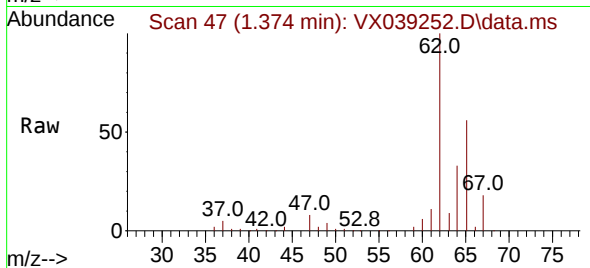




#5
 Vinyl chloride
 Concen: 49.210 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039252.D
 Acq: 16 Dec 2023 00:28

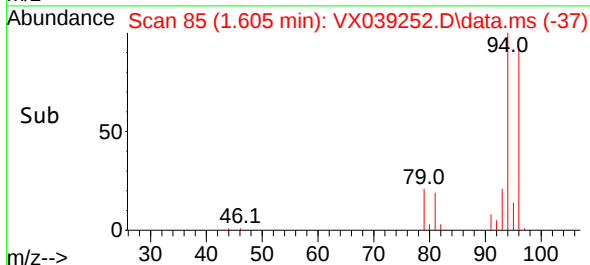
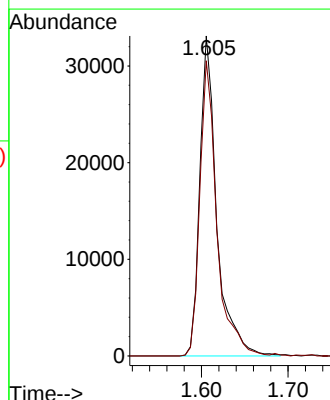
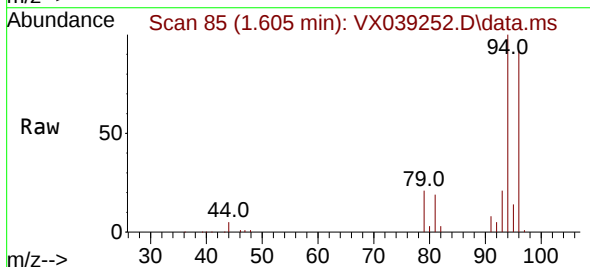
Instrument :
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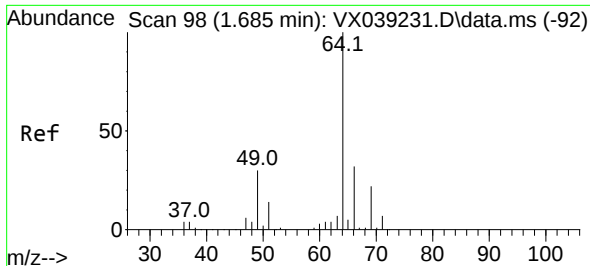
Tgt Ion: 62 Resp: 80118
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.3 41.3



#6
 Bromomethane
 Concen: 51.304 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX039252.D
 Acq: 16 Dec 2023 00:28

Tgt Ion: 94 Resp: 45085
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.8 122.2

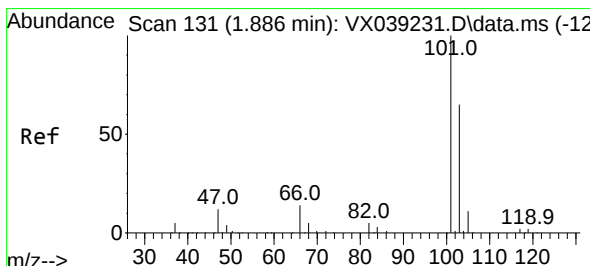
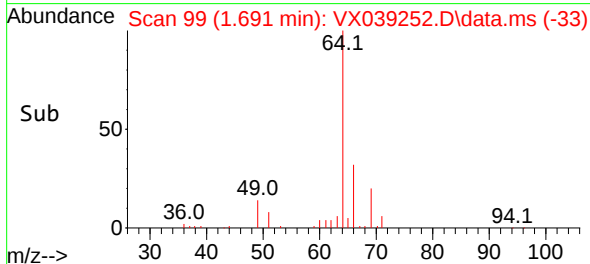
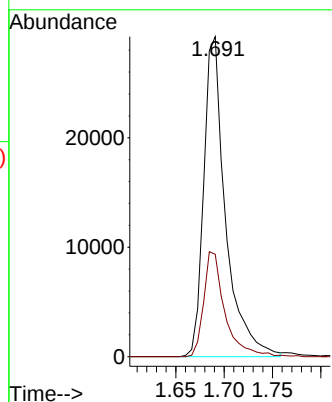
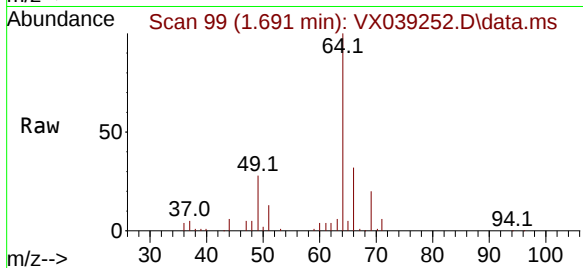




#8
Chloroethane
Concen: 49.835 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

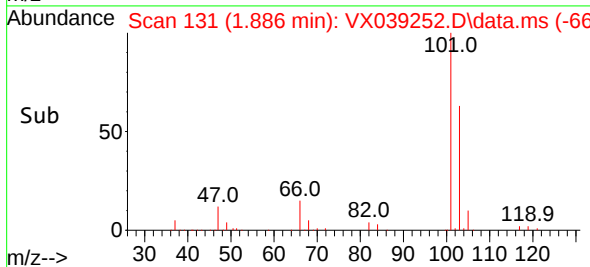
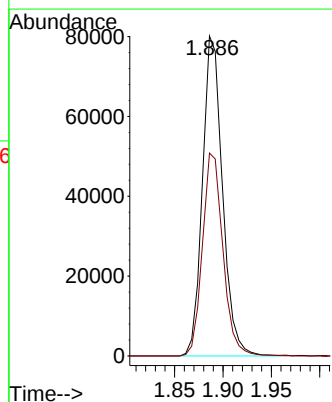
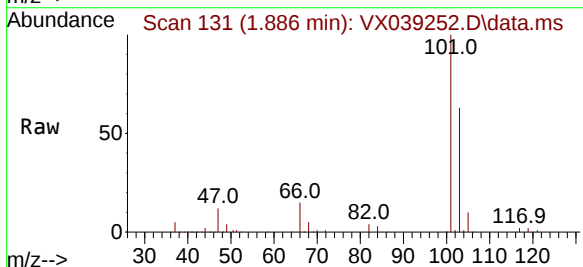
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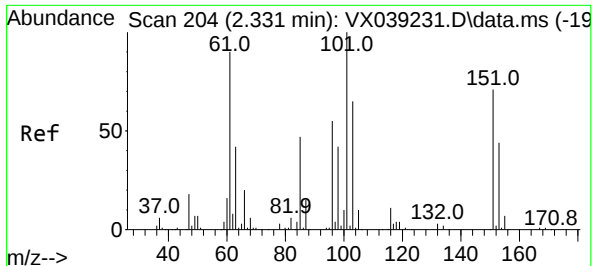
Tgt Ion: 64 Resp: 45870
Ion Ratio Lower Upper
64 100
66 32.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 54.851 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Tgt Ion: 101 Resp: 115739
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

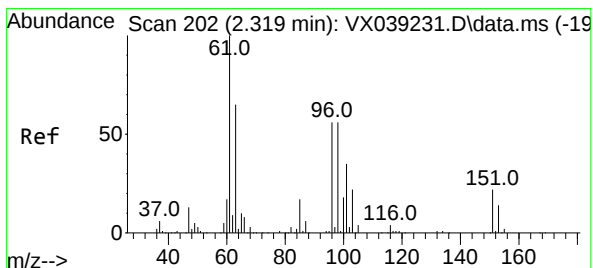
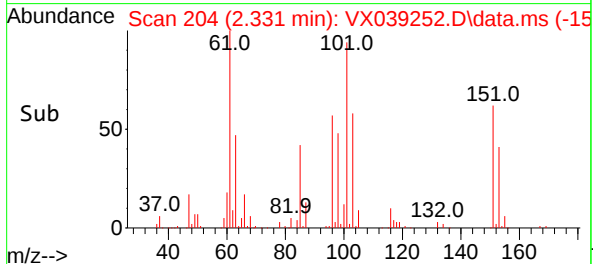
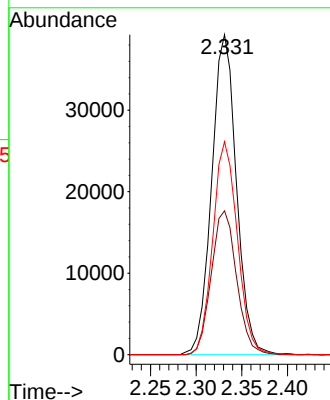
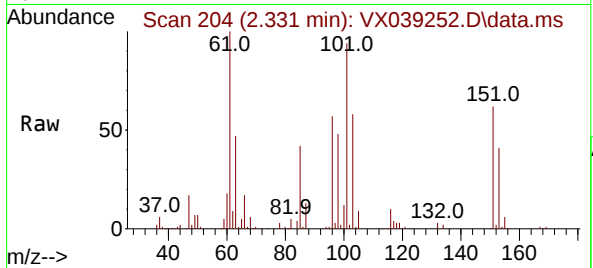




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.628 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX039252.D
 Acq: 16 Dec 2023 00:28

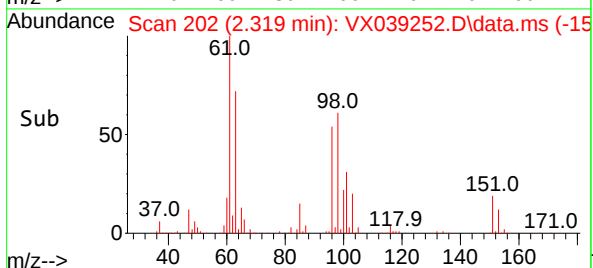
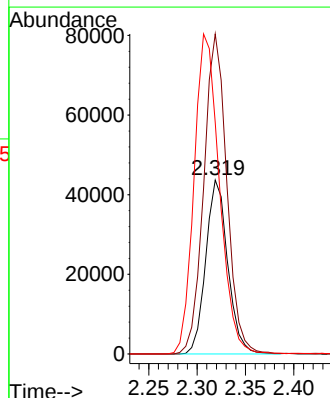
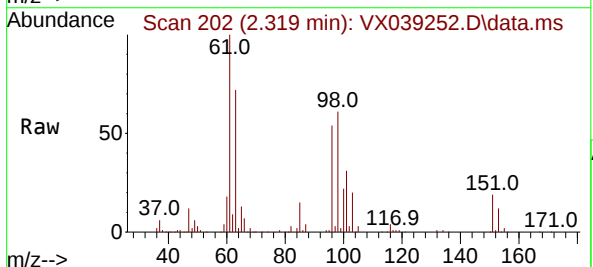
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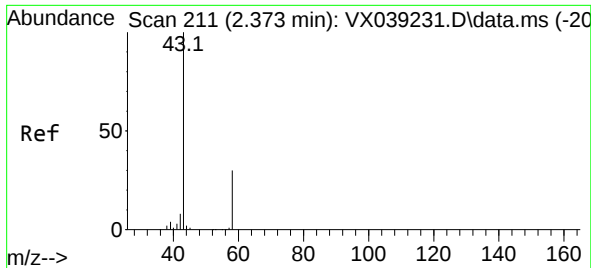
Tgt Ion:101 Resp: 74146
 Ion Ratio Lower Upper
 101 100
 85 45.9 35.8 53.6
 151 66.2 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 54.051 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039252.D
 Acq: 16 Dec 2023 00:28

Tgt Ion: 96 Resp: 69007
 Ion Ratio Lower Upper
 96 100
 61 184.0 128.0 237.6
 63 133.0 101.5 188.5





#13

Acetone

Concen: 97.213 ug/L

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

Instrument :

MSVOA_X

ClientSampleId :

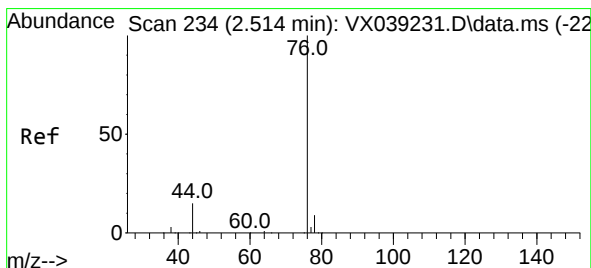
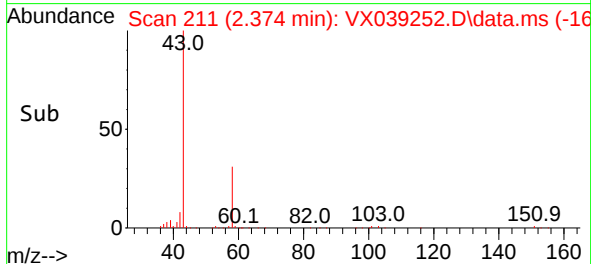
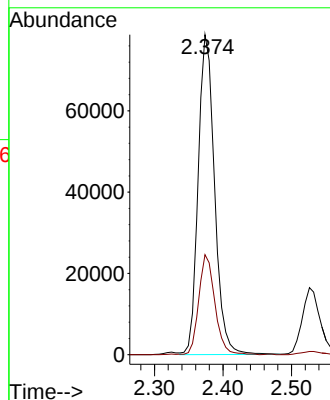
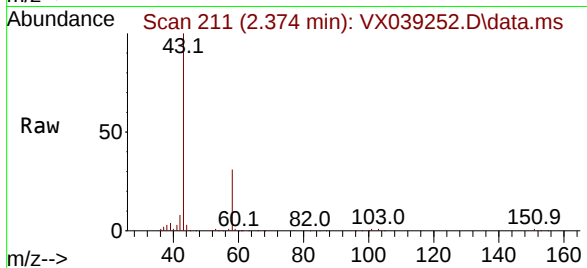
YCHH3MS

Tgt Ion: 43 Resp: 131405

Ion Ratio Lower Upper

43 100

58 30.6 0.0 65.8



#14

Carbon disulfide

Concen: 49.906 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039252.D

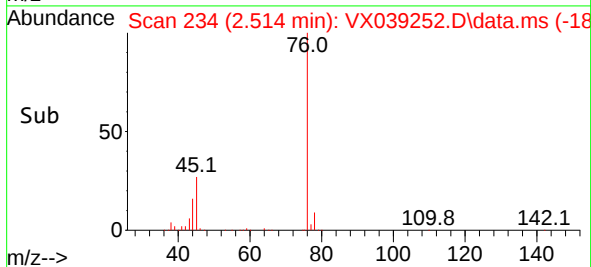
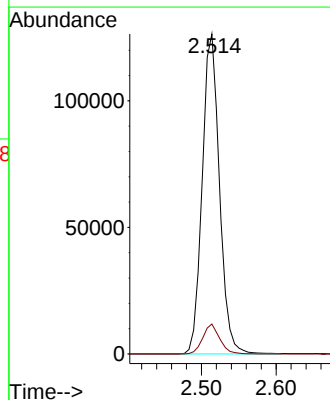
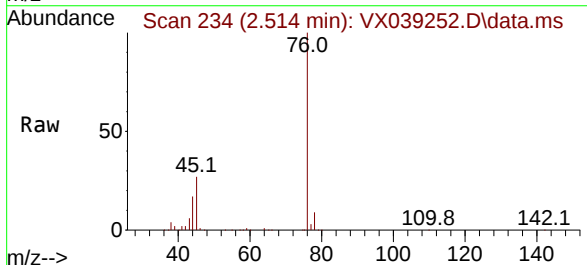
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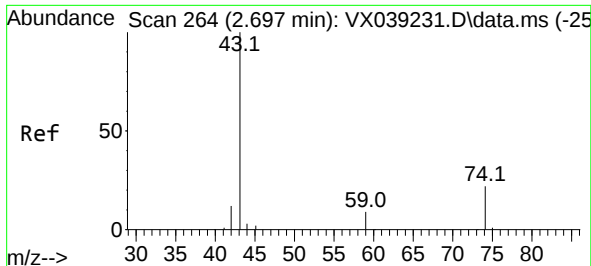
Tgt Ion: 76 Resp: 202750

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

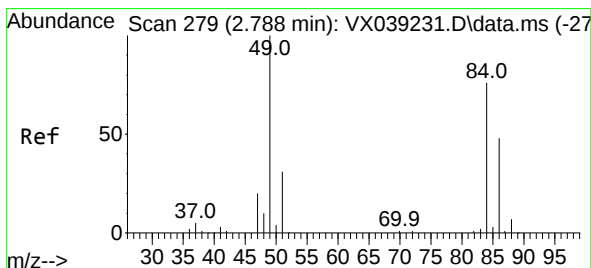
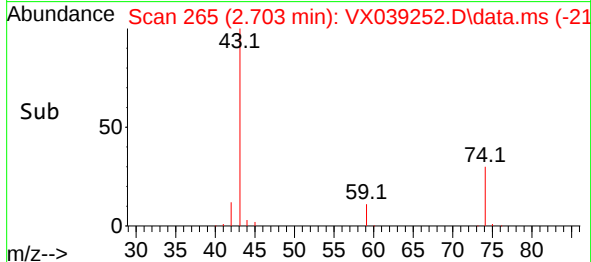
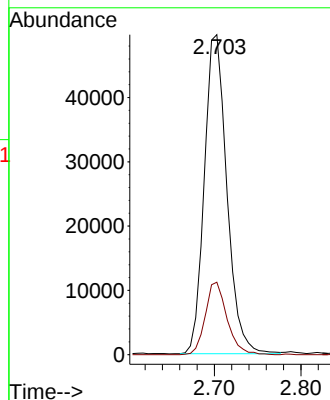
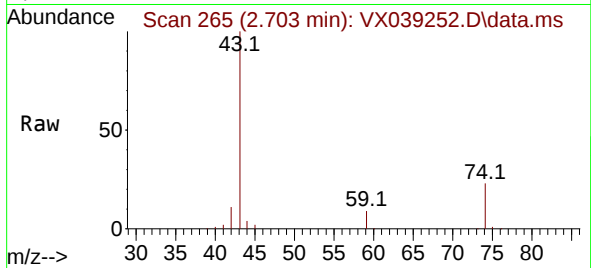




#15
Methyl Acetate
Concen: 46.454 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

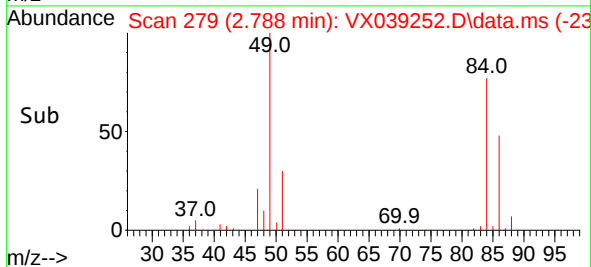
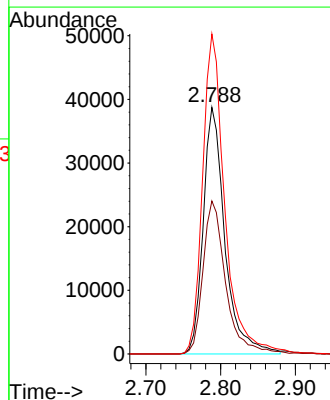
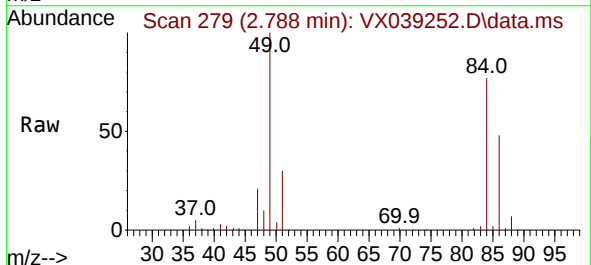
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MS

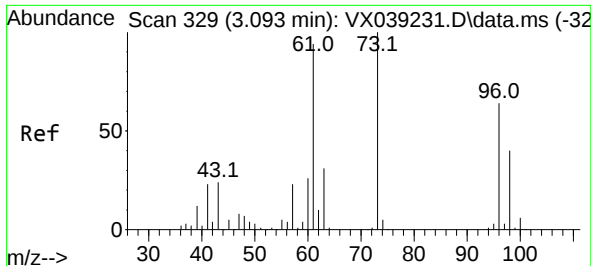
Tgt Ion: 43 Resp: 89752
Ion Ratio Lower Upper
43 100
74 21.9 18.2 27.4



#16
Methylene chloride
Concen: 53.333 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Tgt Ion: 84 Resp: 78231
Ion Ratio Lower Upper
84 100
86 62.0 44.7 82.9
49 129.8 90.9 168.7





#17

trans-1,2-Dichloroethene

Concen: 53.023 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.006 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MS

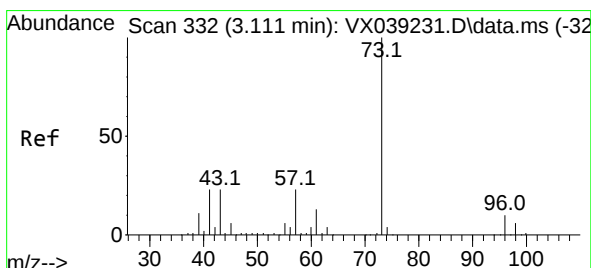
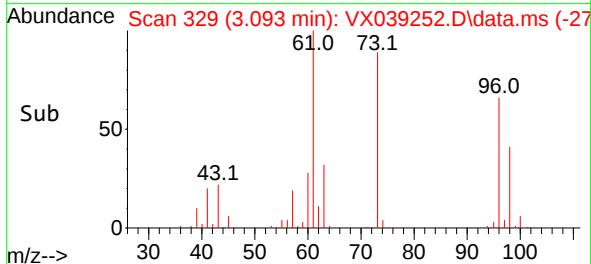
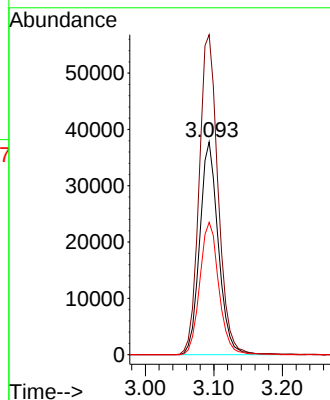
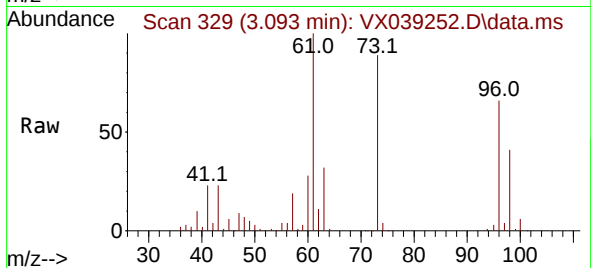
Tgt Ion: 96 Resp: 71326

Ion Ratio Lower Upper

96 100

61 150.4 99.8 185.3

98 62.2 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 55.085 ug/L

RT: 3.111 min Scan# 332

Delta R.T. 0.006 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

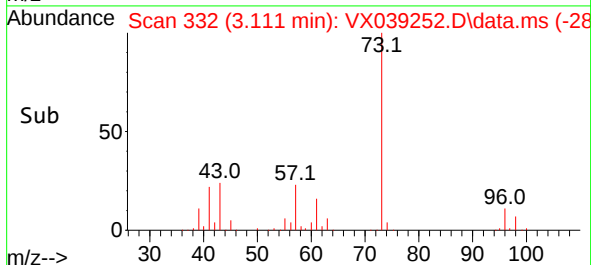
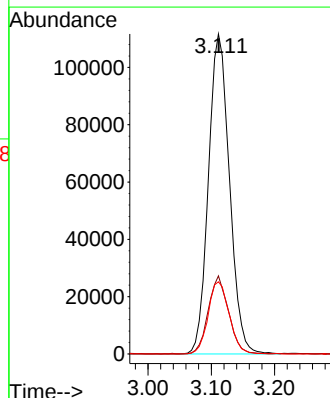
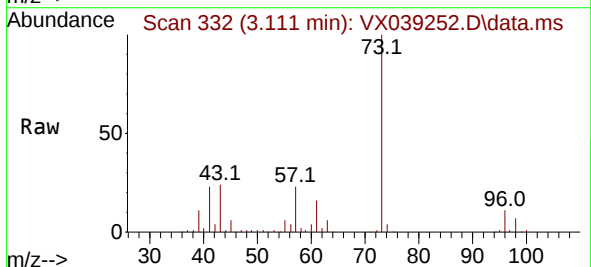
Tgt Ion: 73 Resp: 257927

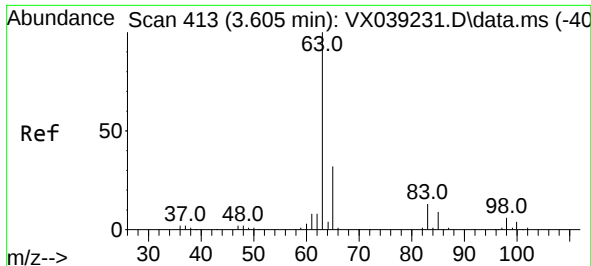
Ion Ratio Lower Upper

73 100

43 23.5 16.9 25.3

57 22.6 18.5 27.7

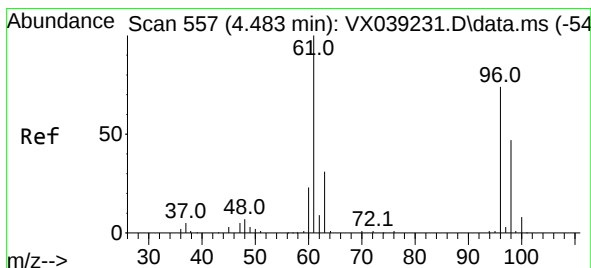
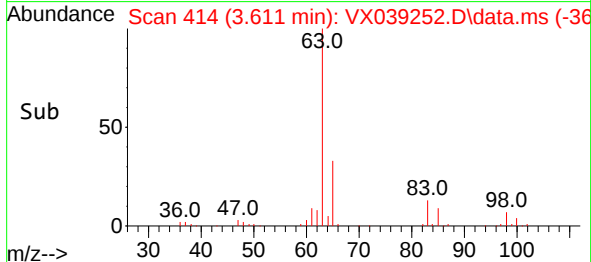
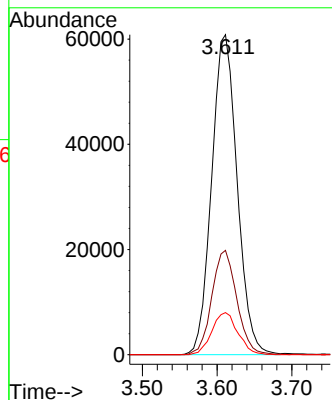
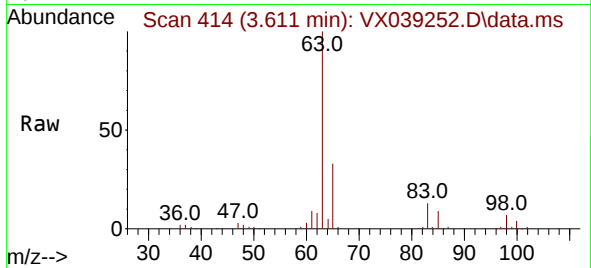




#19
1,1-Dichloroethane
Concen: 54.327 ug/L
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

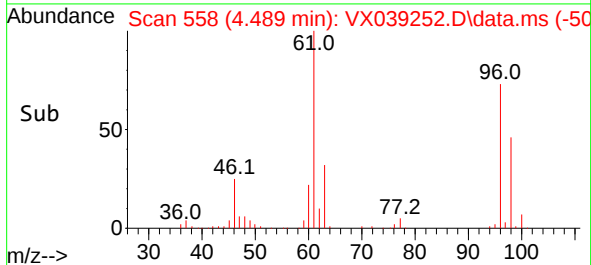
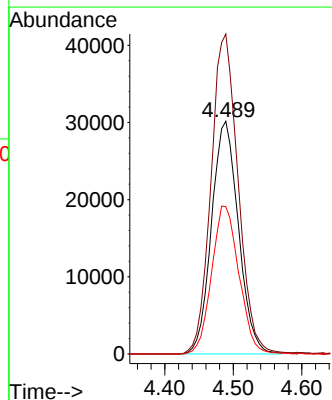
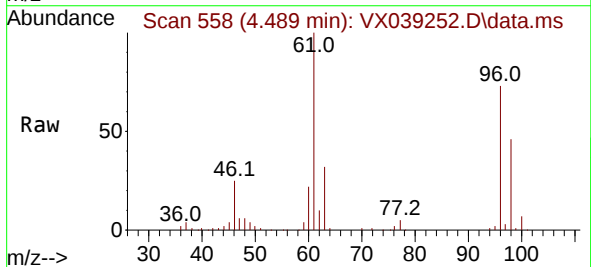
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MS

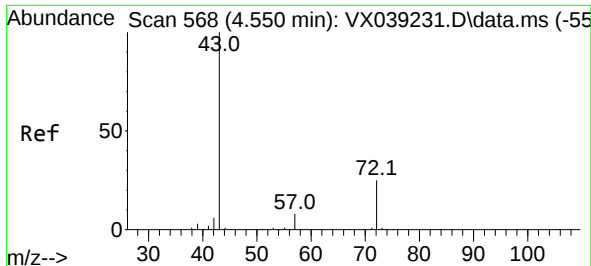
Tgt Ion: 63 Resp: 144500
Ion Ratio Lower Upper
63 100
65 32.6 21.1 39.3
83 13.2 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 52.807 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Tgt Ion: 96 Resp: 82393
Ion Ratio Lower Upper
96 100
61 137.6 91.7 170.3
98 63.4 44.2 82.2

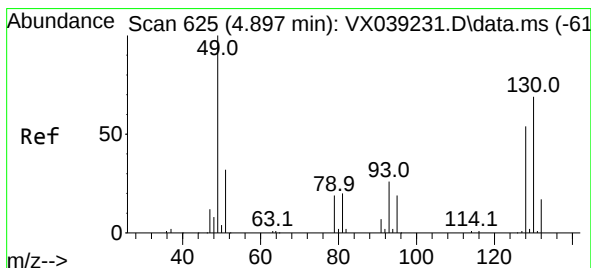
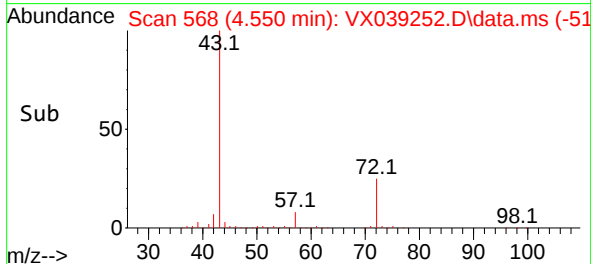
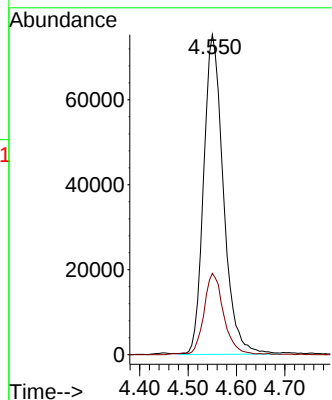
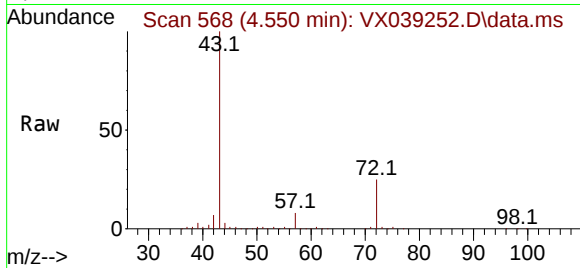




#22
2-Butanone
Concen: 128.859 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

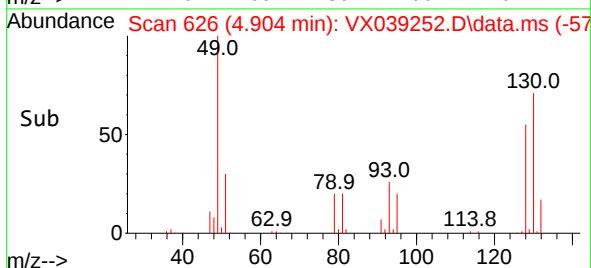
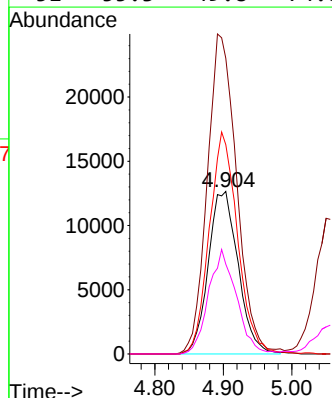
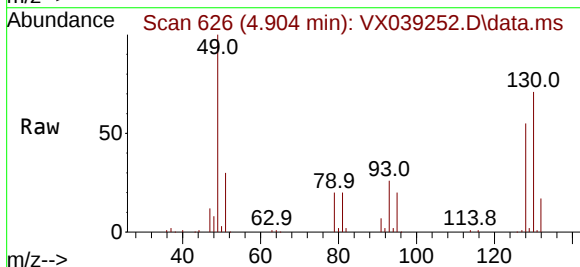
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MS

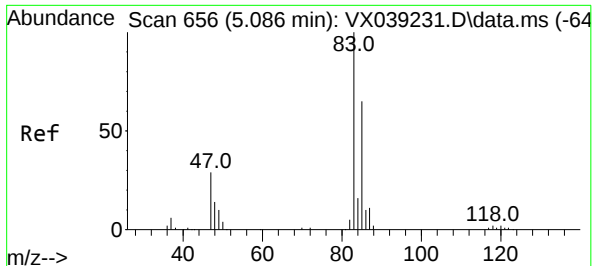
Tgt Ion: 43 Resp: 213765
Ion Ratio Lower Upper
43 100
72 25.1 12.6 37.6



#23
Bromochloromethane
Concen: 52.260 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Tgt Ion:128 Resp: 38330
Ion Ratio Lower Upper
128 100
49 181.9 130.8 243.0
130 128.8 90.6 168.3
51 55.3 49.8 74.8

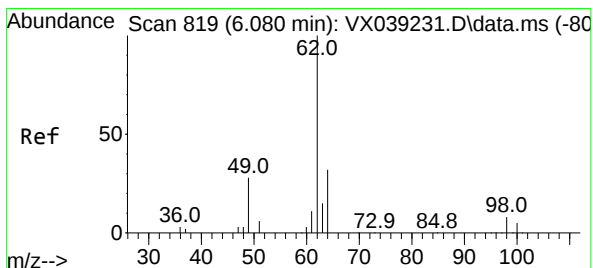
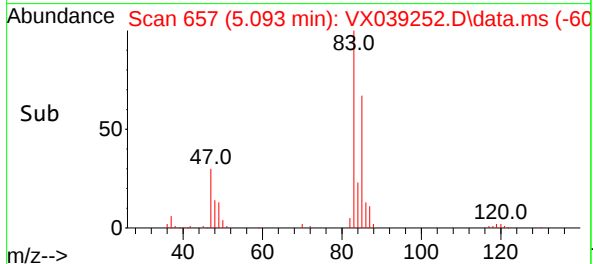
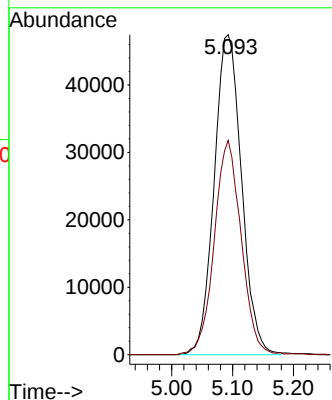
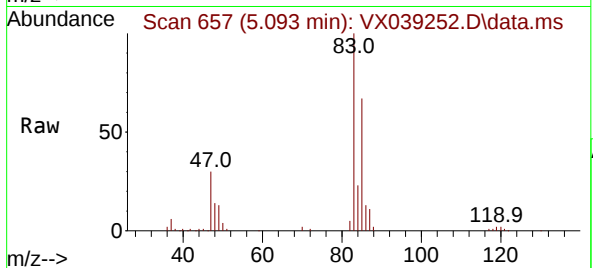




#25
Chloroform
Concen: 55.903 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

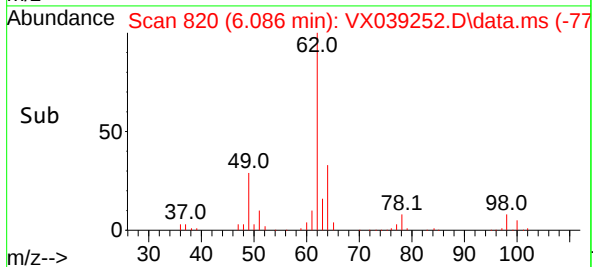
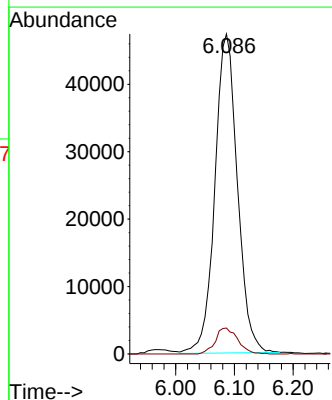
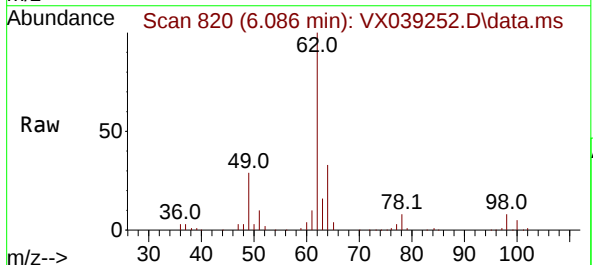
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MS

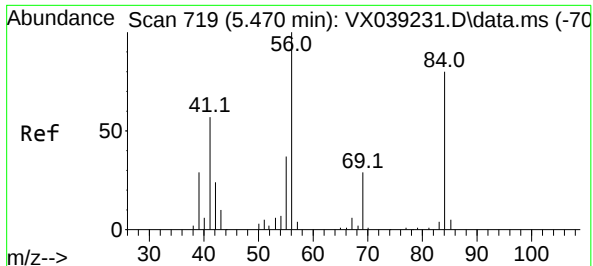
Tgt Ion: 83 Resp: 148309
Ion Ratio Lower Upper
83 100
85 67.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 60.205 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Tgt Ion: 62 Resp: 126063
Ion Ratio Lower Upper
62 100
98 8.1 8.0 12.0





#29

Cyclohexane

Concen: 50.234 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MS

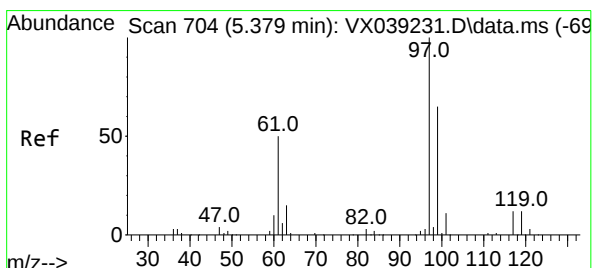
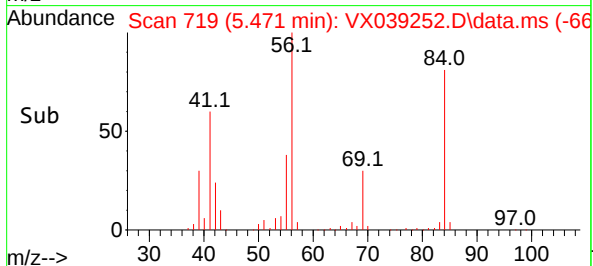
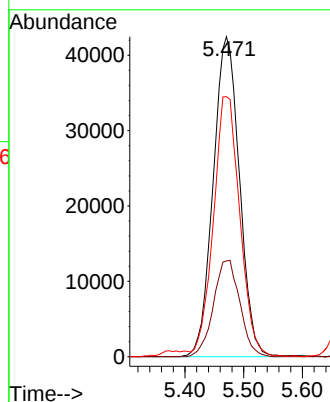
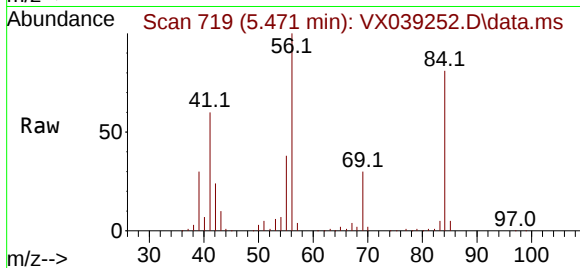
Tgt Ion: 56 Resp: 131981

Ion Ratio Lower Upper

56 100

69 30.2 24.5 36.7

84 81.2 67.0 100.4



#30

1,1,1-Trichloroethane

Concen: 54.166 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

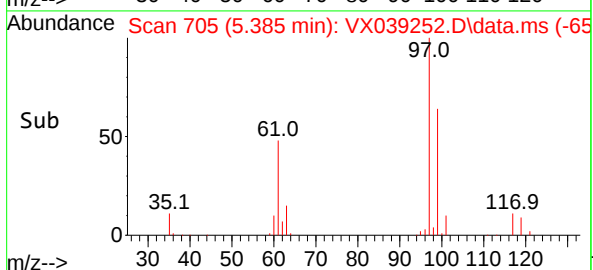
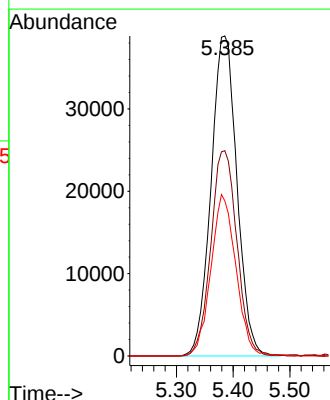
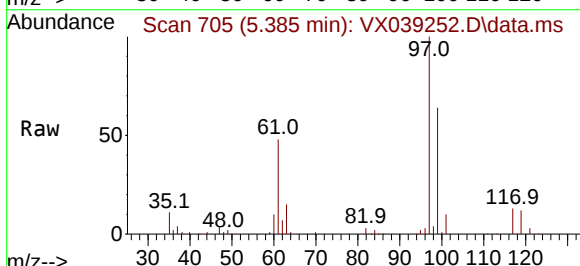
Tgt Ion: 97 Resp: 123434

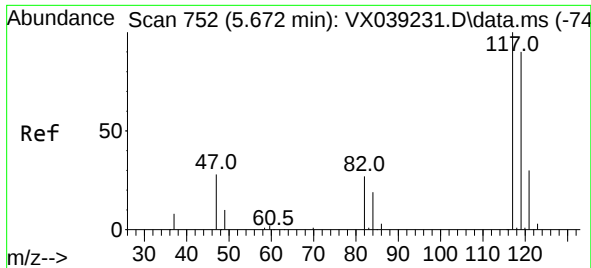
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 48.6 36.7 55.1

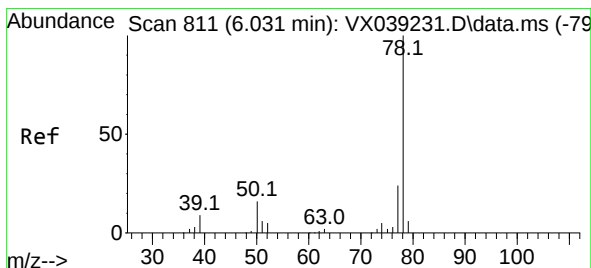
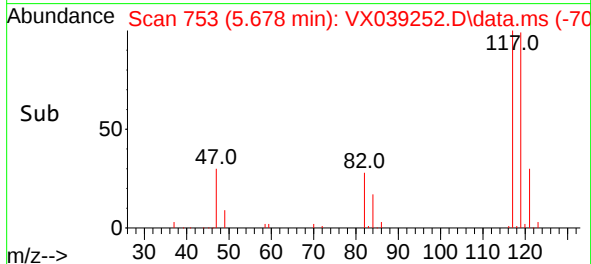
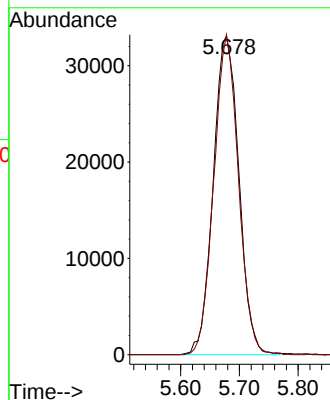
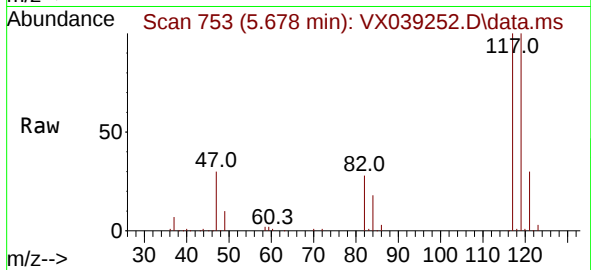




#31
Carbon tetrachloride
Concen: 52.741 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

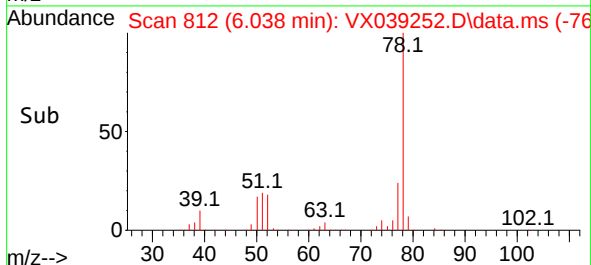
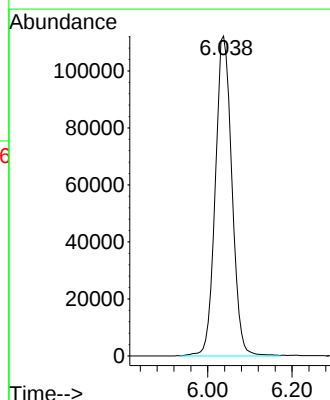
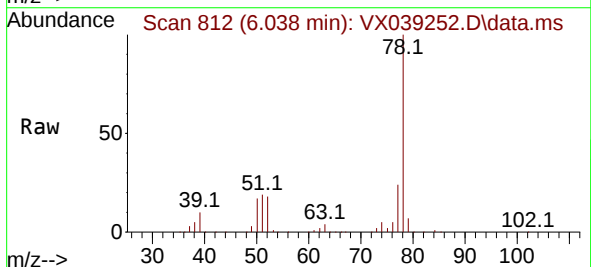
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MS

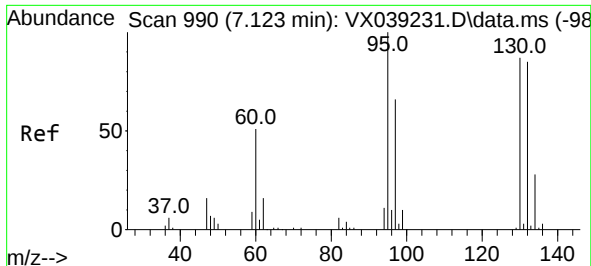
Tgt Ion:117 Resp: 100275
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.4



#33
Benzene
Concen: 51.313 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Tgt Ion: 78 Resp: 306268



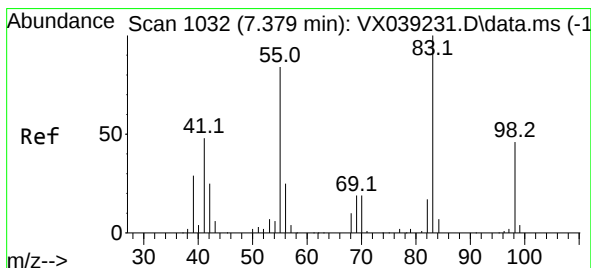
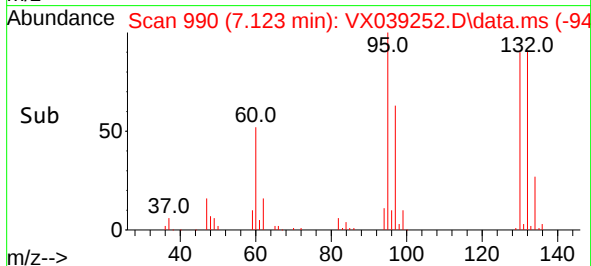
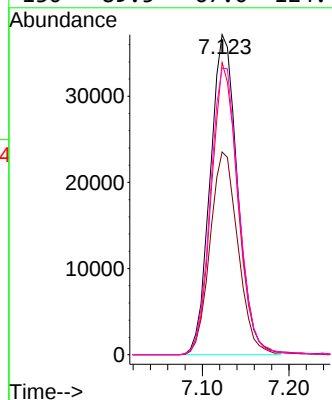
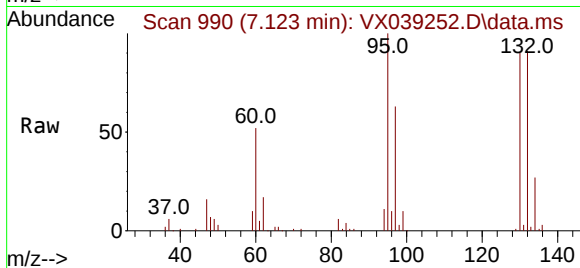


#34
Trichloroethene
Concen: 51.801 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Instrument :
MSVOA_X
ClientSampleId :
YCHH3MS

Tgt Ion: 95 Resp: 81709

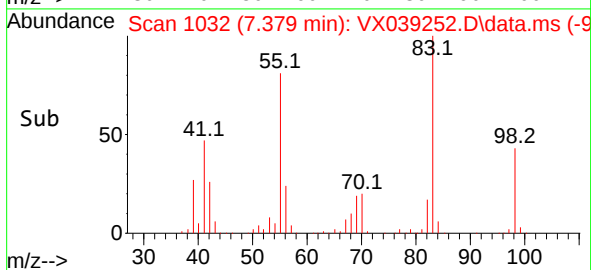
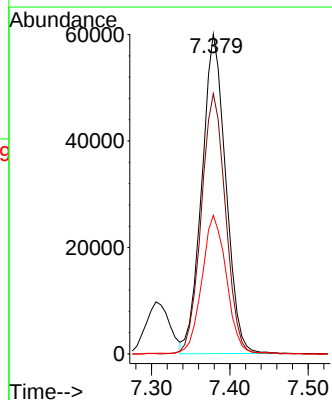
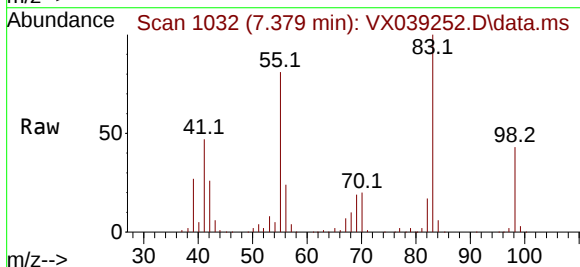
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.5	84.5
132	91.2	62.2	115.4
130	89.5	67.0	124.4

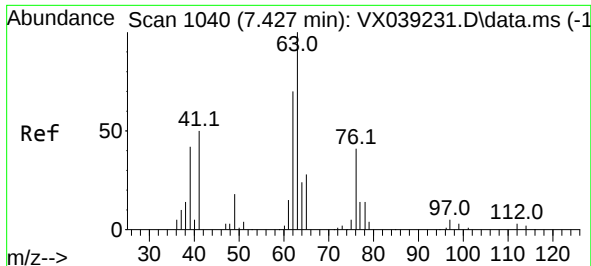


#35
Methylcyclohexane
Concen: 48.409 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Tgt Ion: 83 Resp: 127172

Ion	Ratio	Lower	Upper
83	100		
55	82.6	62.5	93.7
98	44.4	36.1	54.1





#37

1,2-Dichloropropane

Concen: 51.532 ug/L

RT: 7.428 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

Instrument :

MSVOA_X

ClientSampleId :

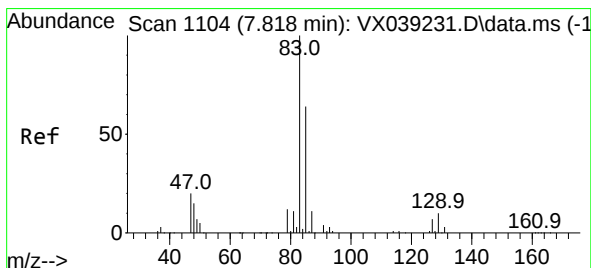
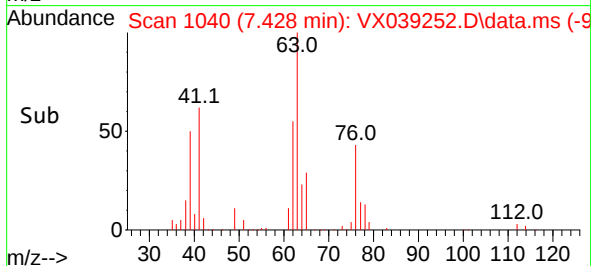
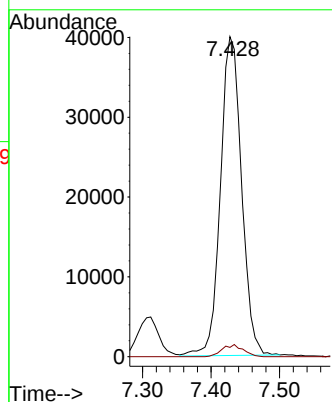
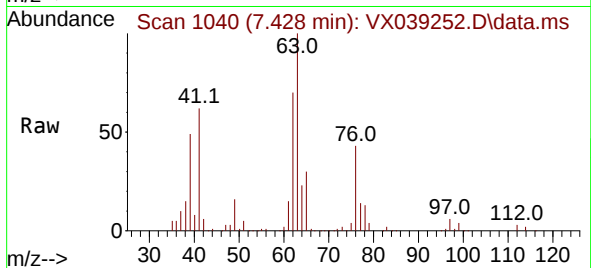
YCHH3MS

Tgt Ion: 63 Resp: 85303

Ion Ratio Lower Upper

63 100

112 3.8 2.8 4.2



#38

Bromodichloromethane

Concen: 53.199 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

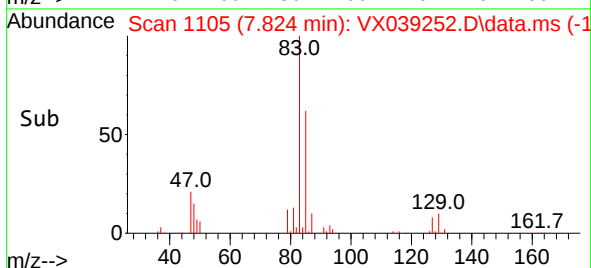
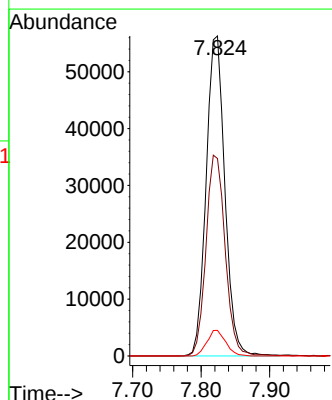
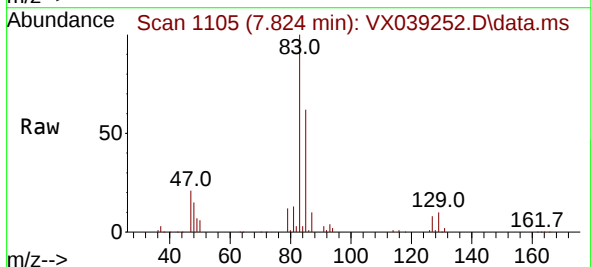
Tgt Ion: 83 Resp: 107110

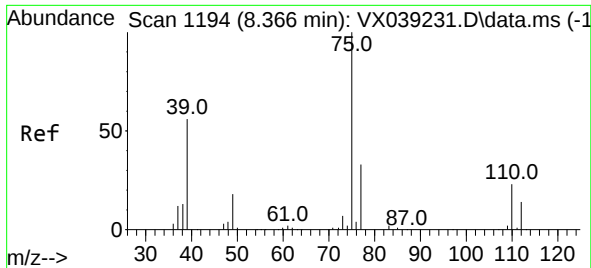
Ion Ratio Lower Upper

83 100

85 61.7 43.3 80.5

127 8.0 5.8 8.6

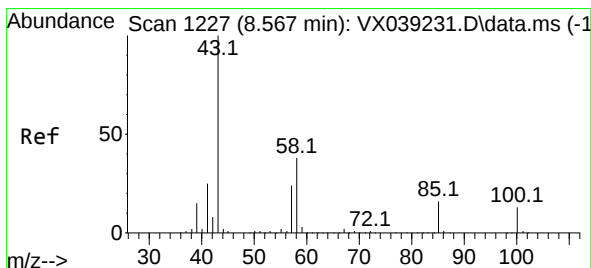
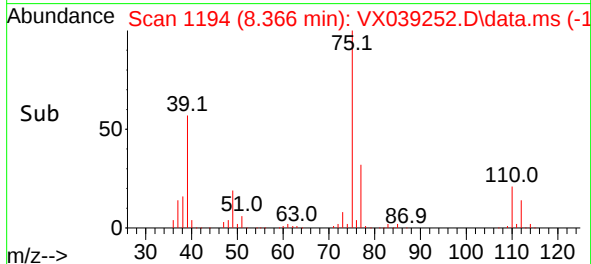
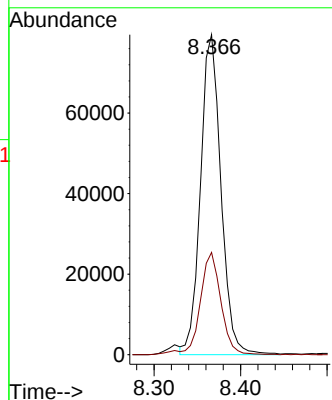
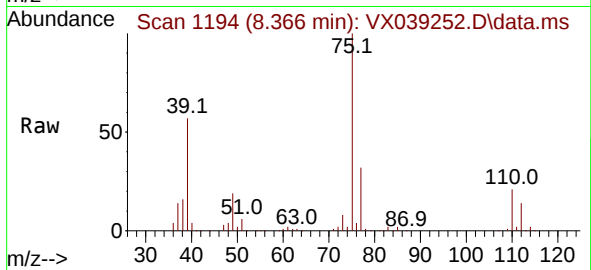




#39
 cis-1,3-Dichloropropene
 Concen: 49.431 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX039252.D
 Acq: 16 Dec 2023 00:28

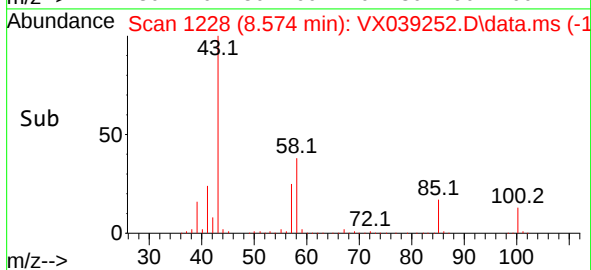
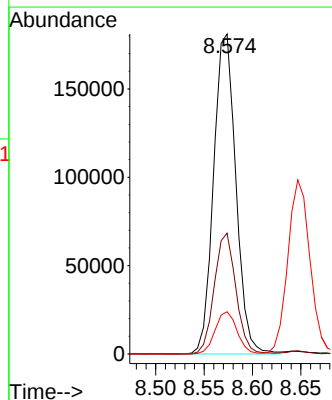
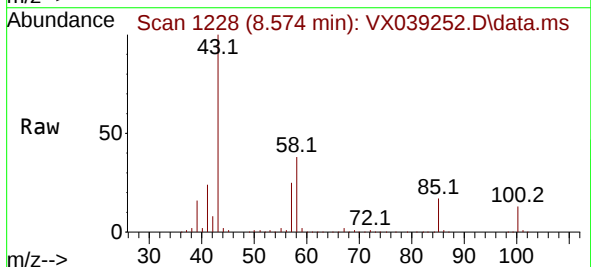
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH3MS

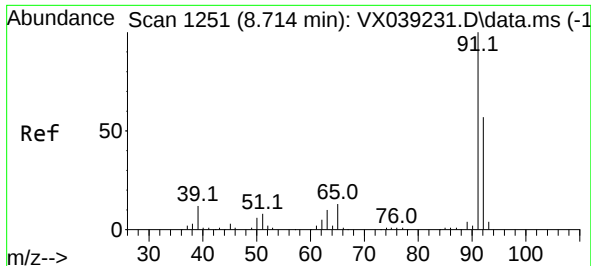
Tgt Ion: 75 Resp: 130505
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 104.603 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.006 min
 Lab File: VX039252.D
 Acq: 16 Dec 2023 00:28

Tgt Ion: 43 Resp: 290199
 Ion Ratio Lower Upper
 43 100
 58 36.7 30.9 46.3
 100 13.0 10.6 16.0





#42

Toluene

Concen: 51.573 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

Instrument :

MSVOA_X

ClientSampleId :

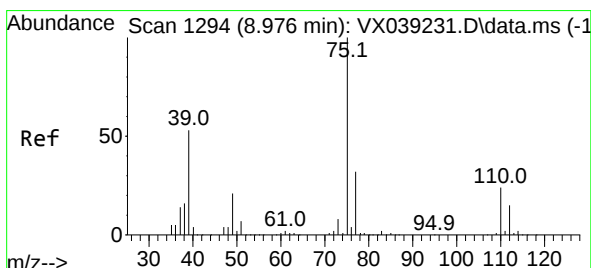
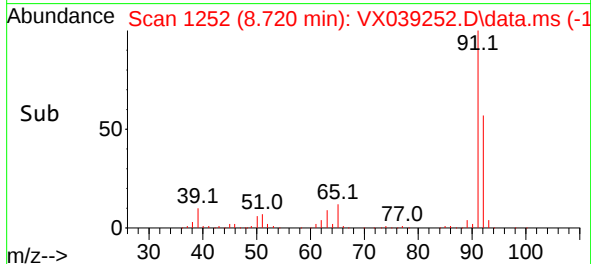
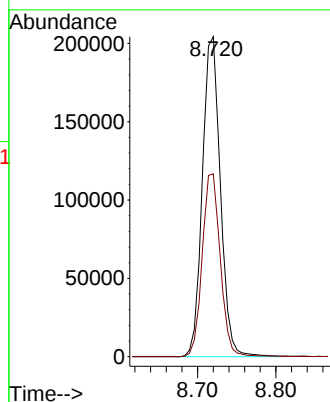
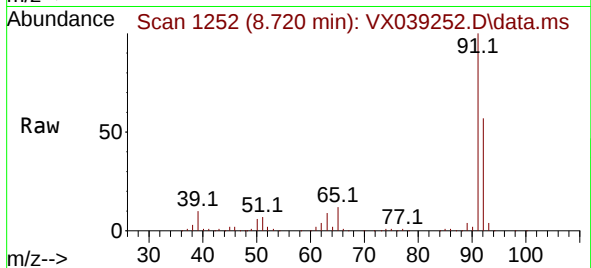
YCHH3MS

Tgt Ion: 91 Resp: 326421

Ion Ratio Lower Upper

91 100

92 57.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 50.825 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.006 min

Lab File: VX039252.D

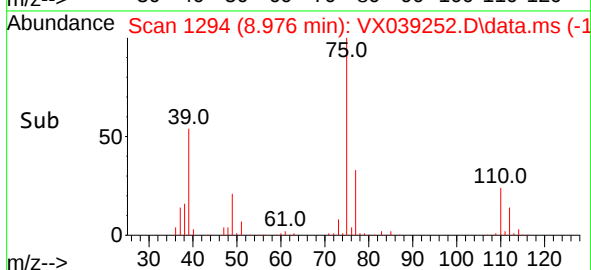
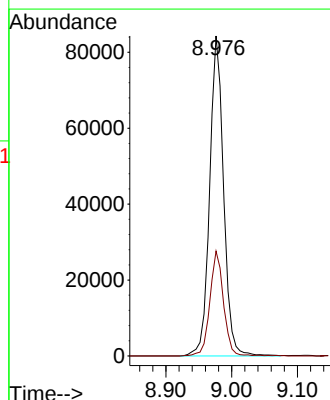
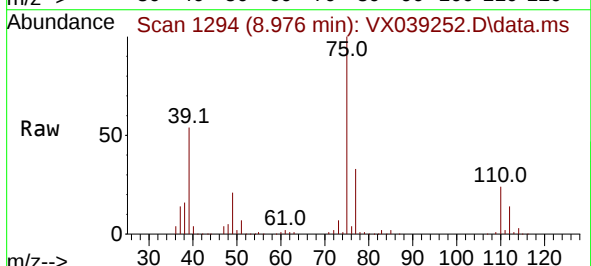
Acq: 16 Dec 2023 00:28

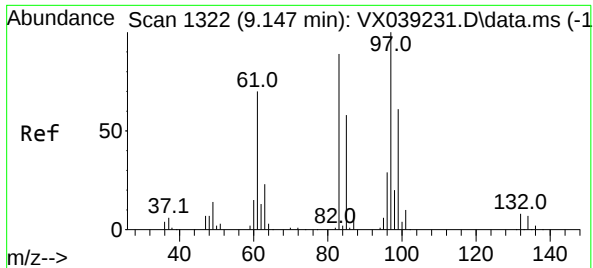
Tgt Ion: 75 Resp: 124522

Ion Ratio Lower Upper

75 100

77 32.7 22.0 40.8



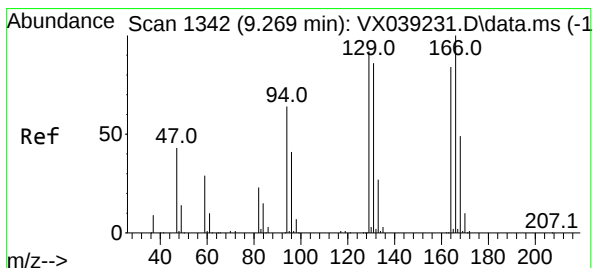
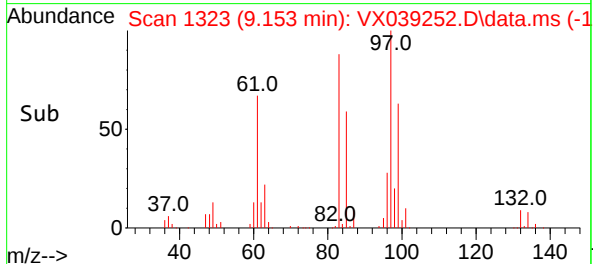
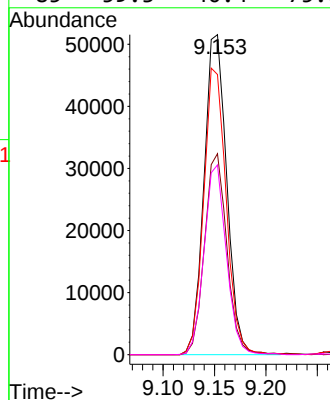
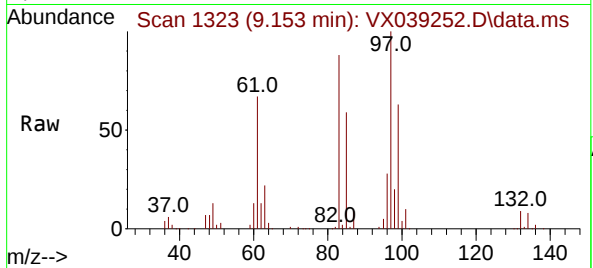


#45
1,1,2-Trichloroethane
Concen: 52.282 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Instrument :
MSVOA_X
ClientSampleId :
YCHH3MS

Tgt Ion: 97 Resp: 79311

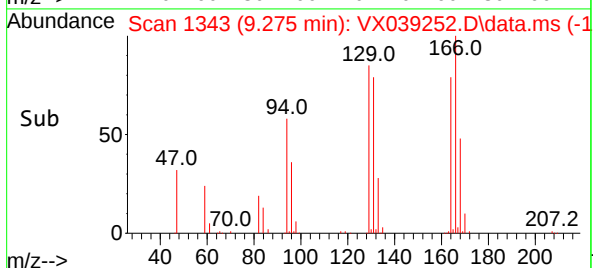
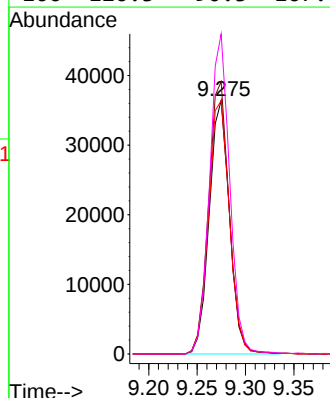
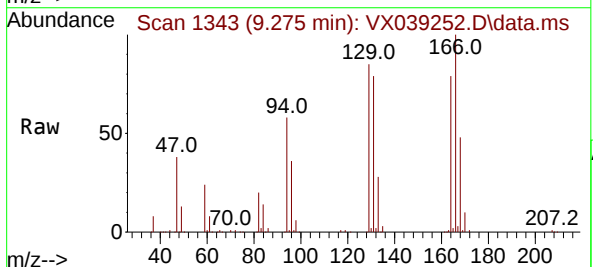
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.1	80.1
83	87.6	64.0	118.8
85	59.3	40.4	75.0

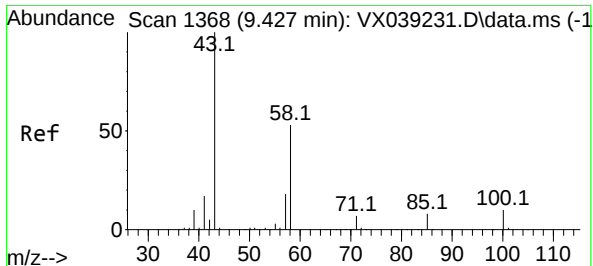


#46
Tetrachloroethene
Concen: 51.311 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Tgt Ion: 164 Resp: 53391

Ion	Ratio	Lower	Upper
164	100		
129	107.4	71.9	133.5
131	100.0	69.5	129.1
166	126.3	90.3	167.7



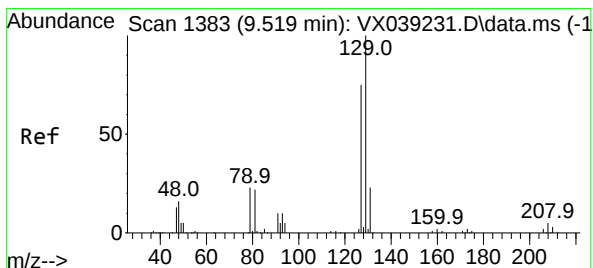
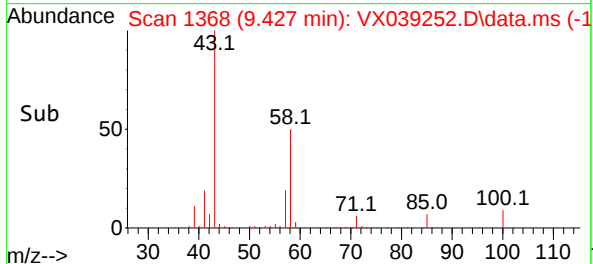
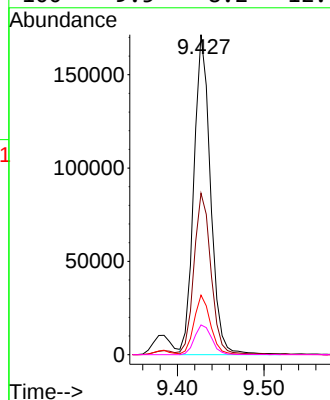
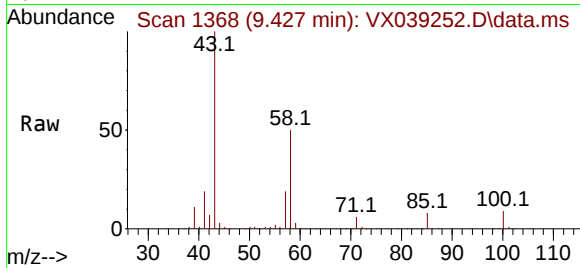


#48
2-Hexanone
Concen: 98.704 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Instrument :
MSVOA_X
ClientSampleId :
YCHH3MS

Tgt Ion: 43 Resp: 229190

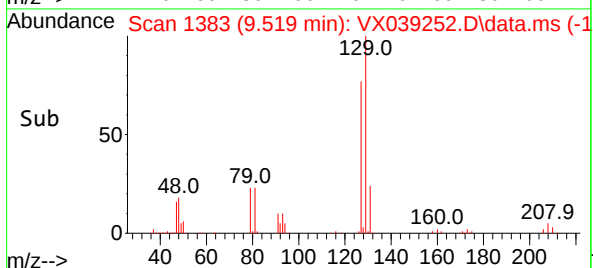
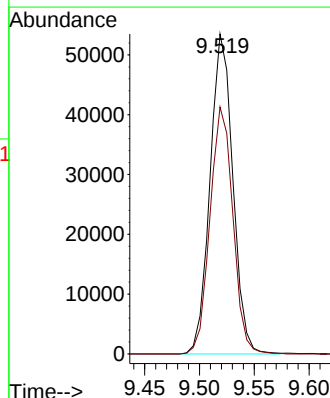
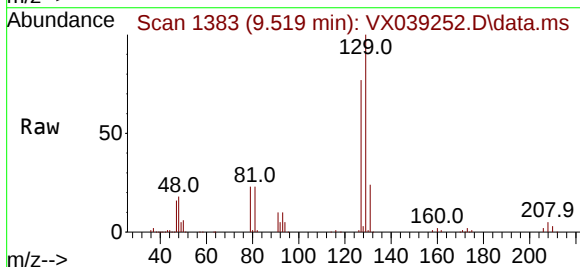
Ion	Ratio	Lower	Upper
43	100		
58	50.8	43.0	64.6
57	18.1	14.6	21.8
100	9.5	8.2	12.4

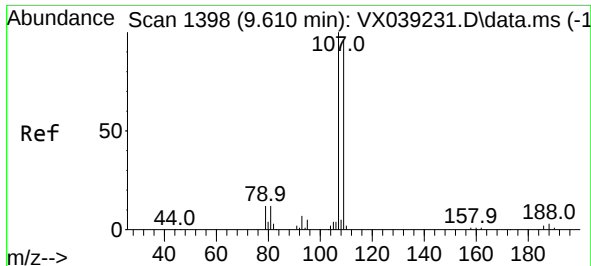


#49
Dibromochloromethane
Concen: 52.391 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Tgt Ion: 129 Resp: 77427

Ion	Ratio	Lower	Upper
129	100		
127	77.2	55.2	102.4





#50

1,2-Dibromoethane

Concen: 51.897 ug/L

RT: 9.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MS

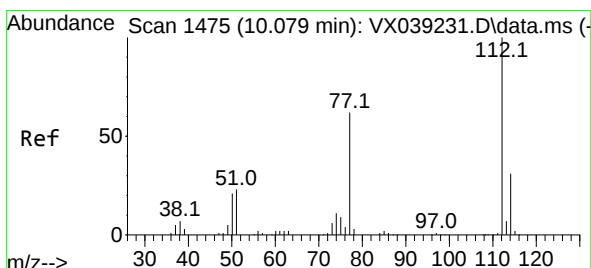
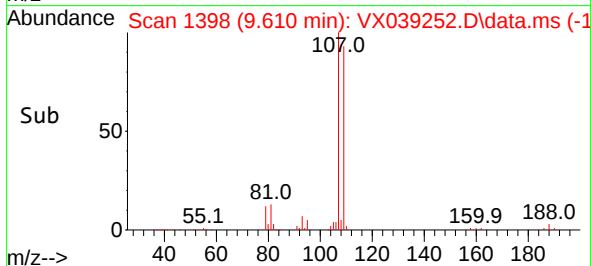
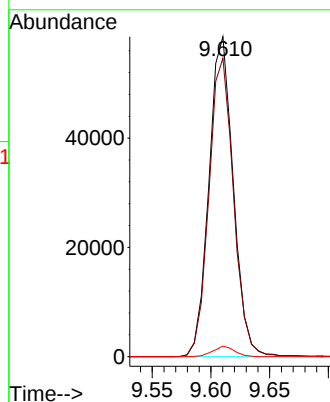
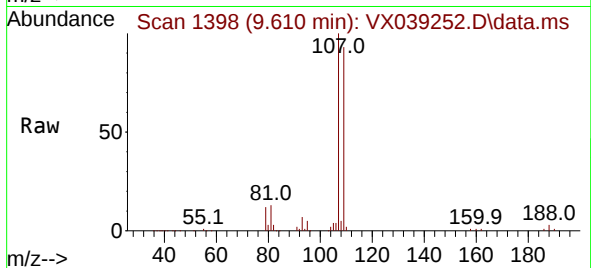
Tgt Ion:107 Resp: 84344

Ion Ratio Lower Upper

107 100

109 93.2 65.2 121.0

188 3.3 2.5 3.7



#51

Chlorobenzene

Concen: 51.581 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

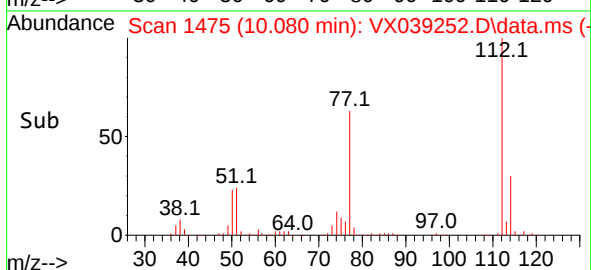
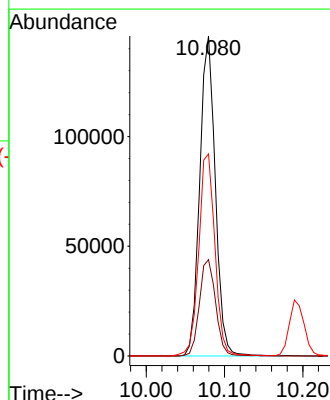
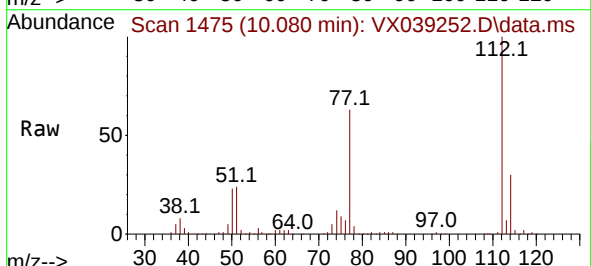
Tgt Ion:112 Resp: 201661

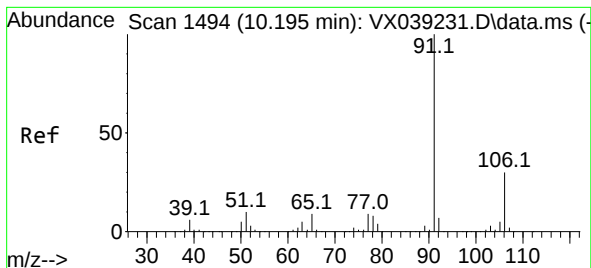
Ion Ratio Lower Upper

112 100

114 30.1 21.8 40.4

77 63.1 49.0 73.6

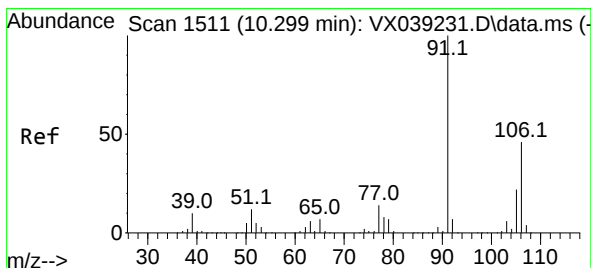
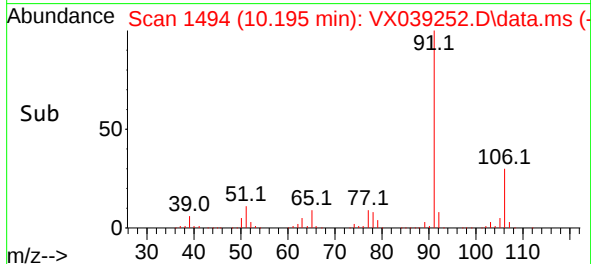
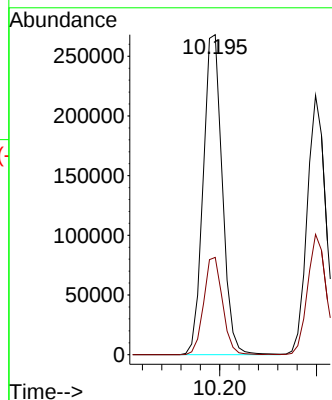
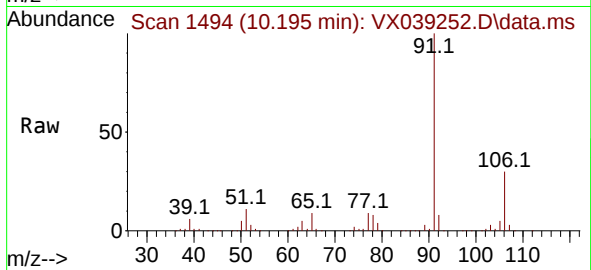




#52
Ethylbenzene
Concen: 52.022 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

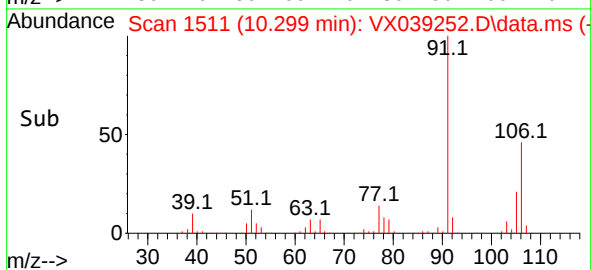
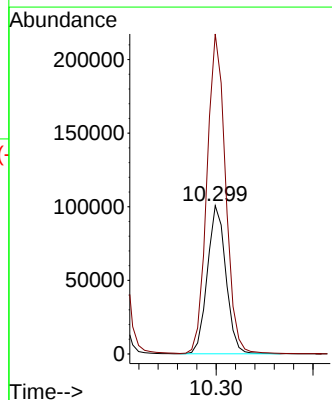
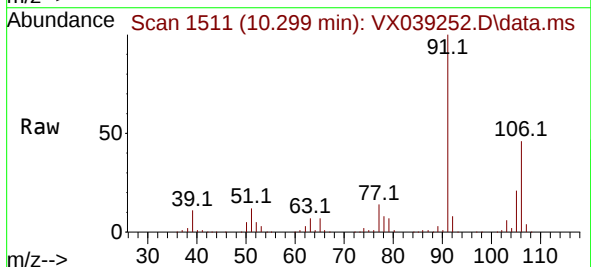
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MS

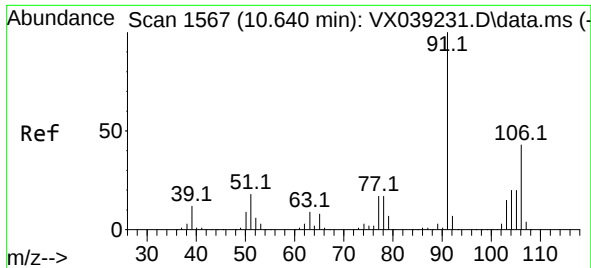
Tgt Ion: 91 Resp: 368102
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 50.751 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Tgt Ion:106 Resp: 134266
Ion Ratio Lower Upper
106 100
91 215.6 149.0 276.8

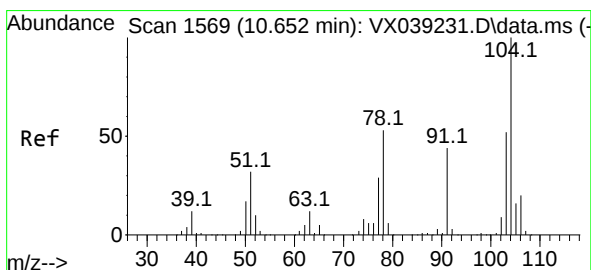
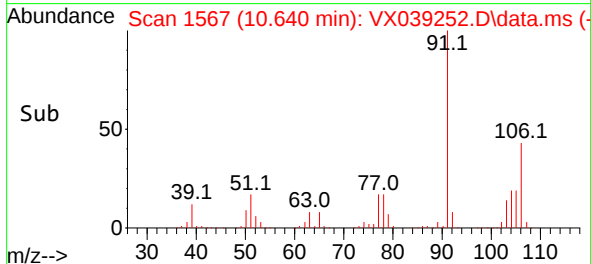
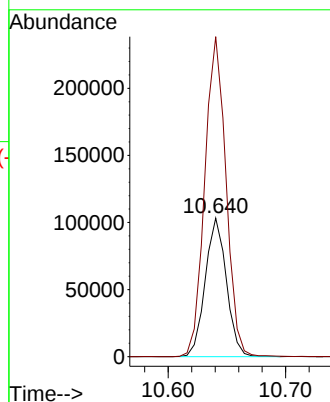
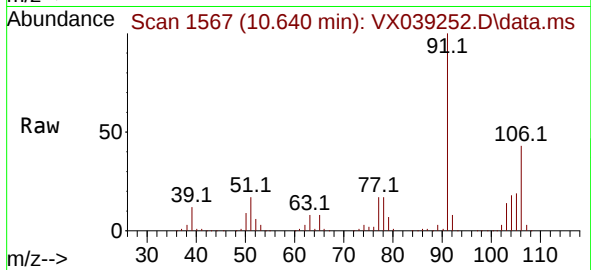




#54
o-Xylene
Concen: 50.832 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

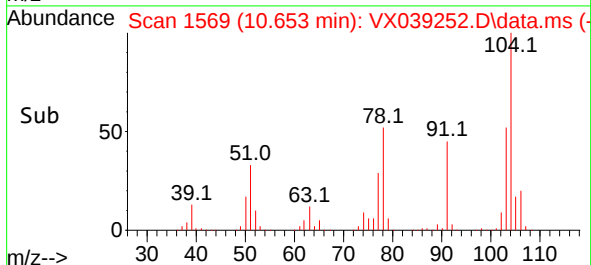
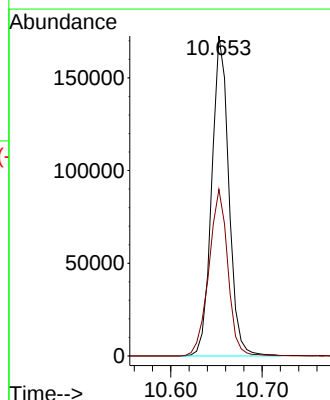
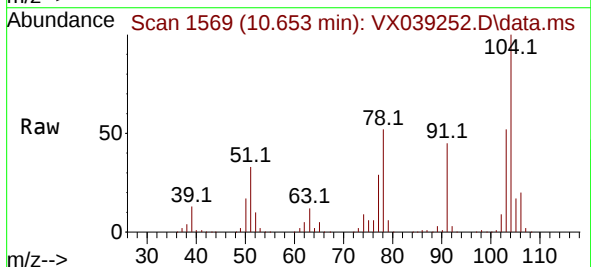
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MS

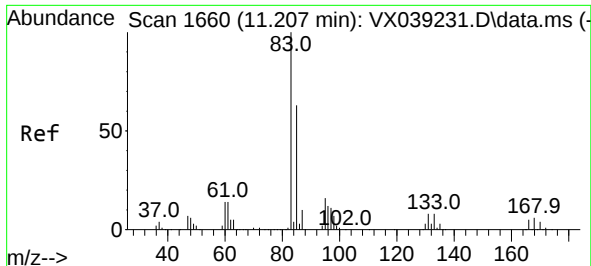
Tgt Ion:106 Resp: 129040
Ion Ratio Lower Upper
106 100
91 230.8 156.2 290.0



#55
Styrene
Concen: 51.612 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Tgt Ion:104 Resp: 224184
Ion Ratio Lower Upper
104 100
78 52.0 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 52.375 ug/L

RT: 11.214 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MS

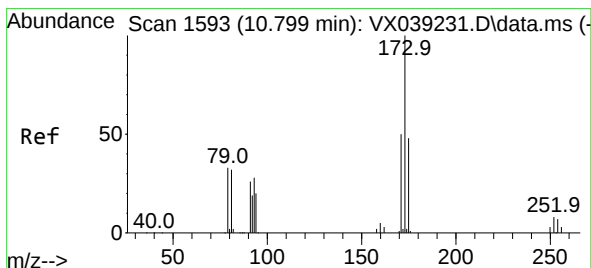
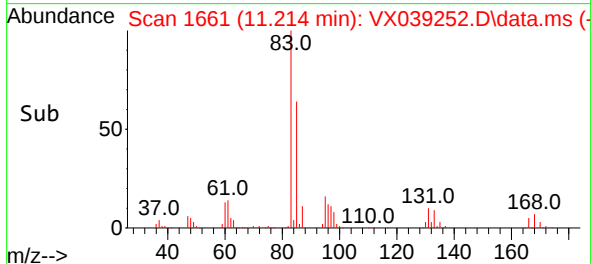
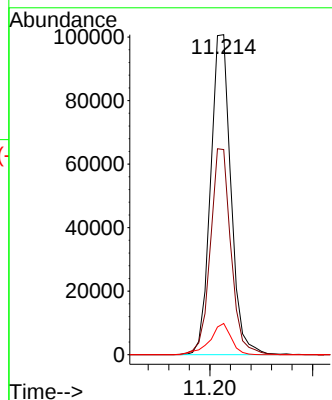
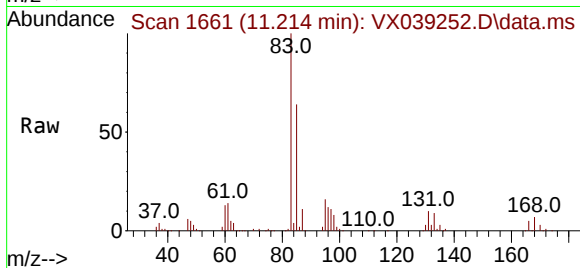
Tgt Ion: 83 Resp: 138659

Ion Ratio Lower Upper

83 100

85 64.1 45.2 84.0

131 9.7 7.2 10.8



#59

Bromoform

Concen: 49.299 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

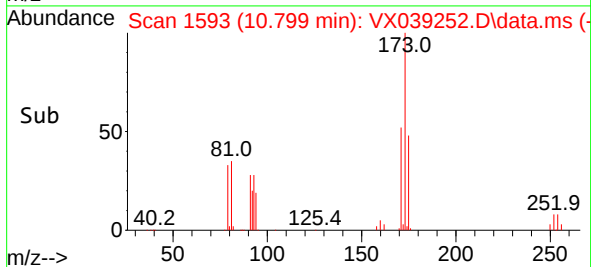
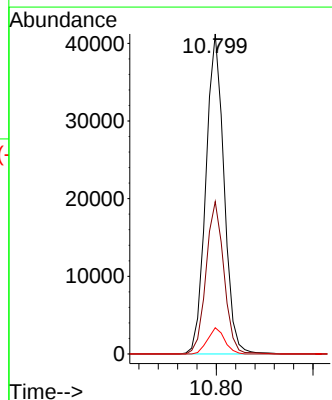
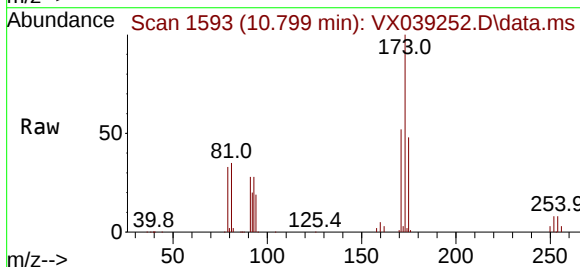
Tgt Ion:173 Resp: 53790

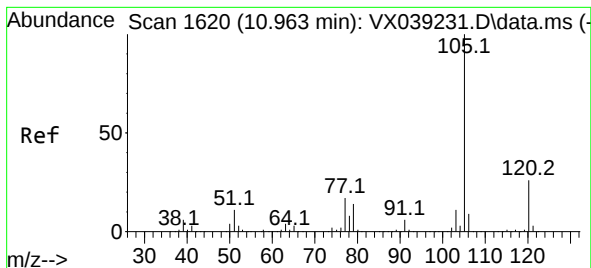
Ion Ratio Lower Upper

173 100

175 46.8 38.7 58.1

254 7.7 6.2 9.2





#60

Isopropylbenzene

Concen: 52.770 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MS

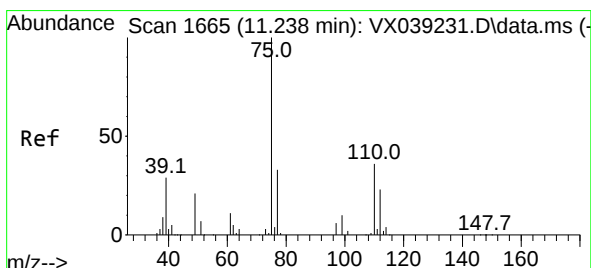
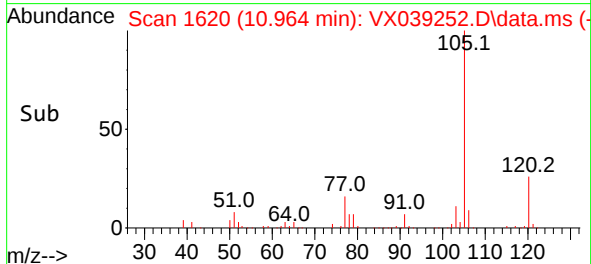
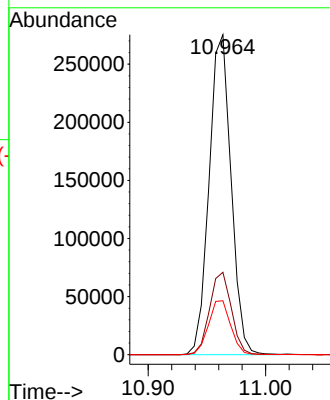
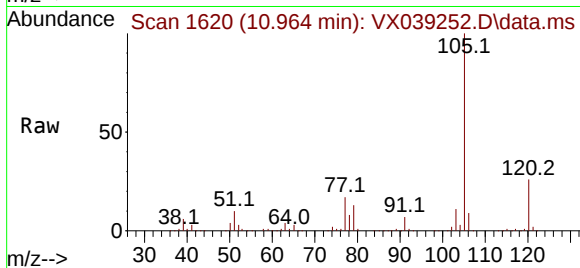
Tgt Ion:105 Resp: 357973

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 17.2 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 52.818 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

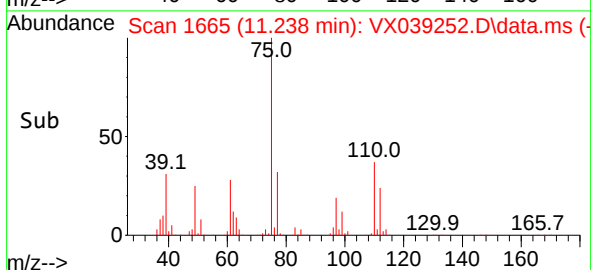
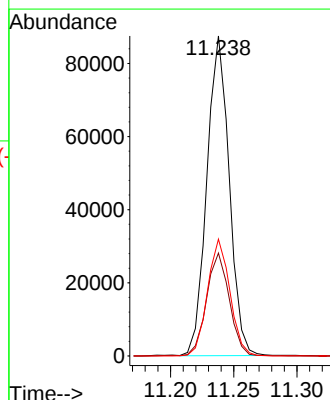
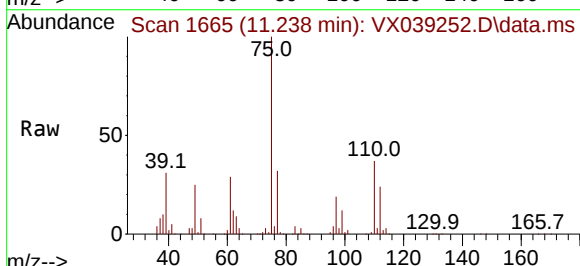
Tgt Ion: 75 Resp: 107416

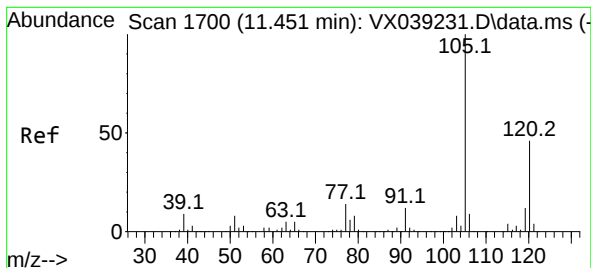
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

110 36.6 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 52.720 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

Instrument :

MSVOA_X

ClientSampleId :

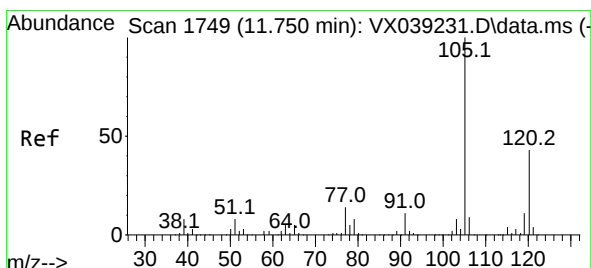
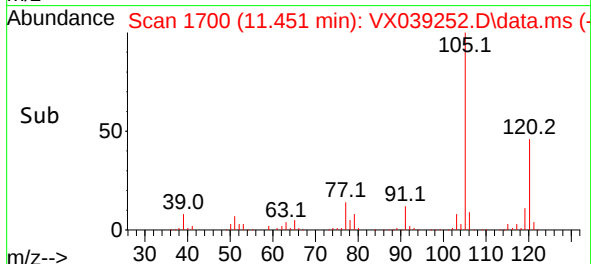
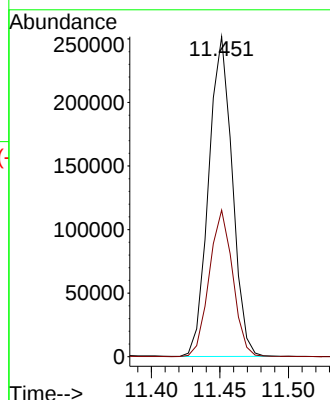
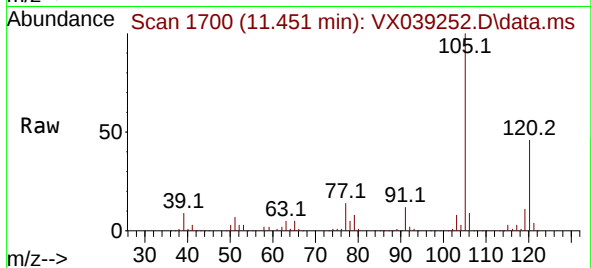
YCHH3MS

Tgt Ion:105 Resp: 301932

Ion Ratio Lower Upper

105 100

120 45.4 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 53.017 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039252.D

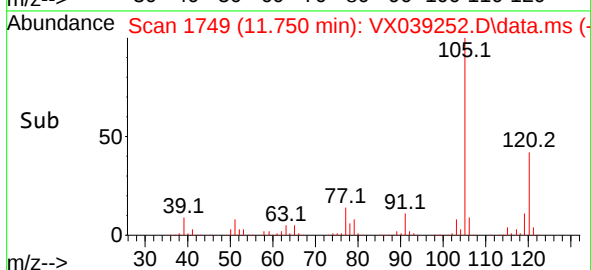
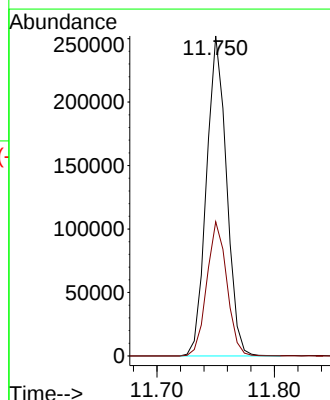
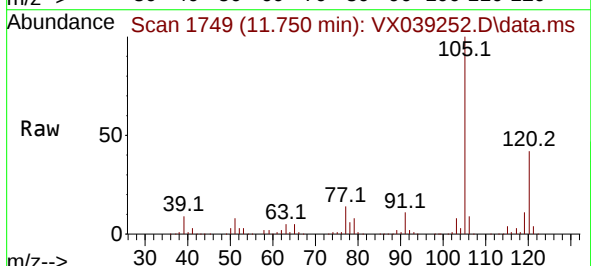
Acq: 16 Dec 2023 00:28

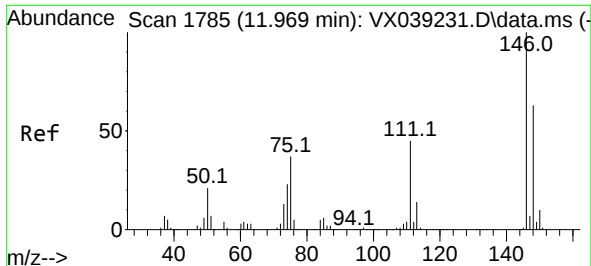
Tgt Ion:105 Resp: 297731

Ion Ratio Lower Upper

105 100

120 42.0 34.9 52.3

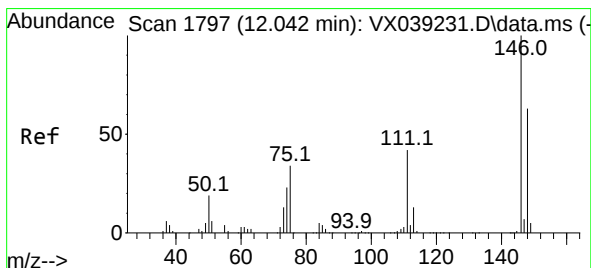
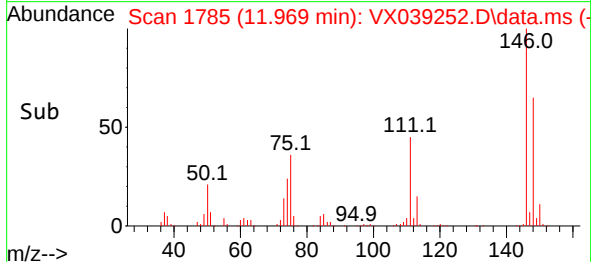
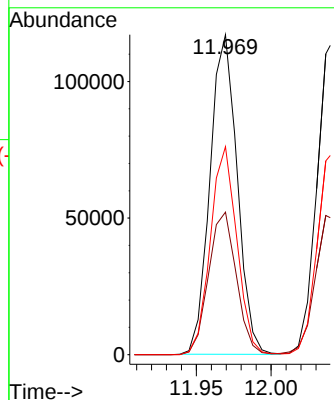
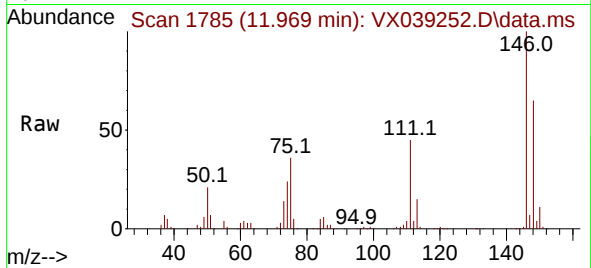




#64
1,3-Dichlorobenzene
Concen: 50.939 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

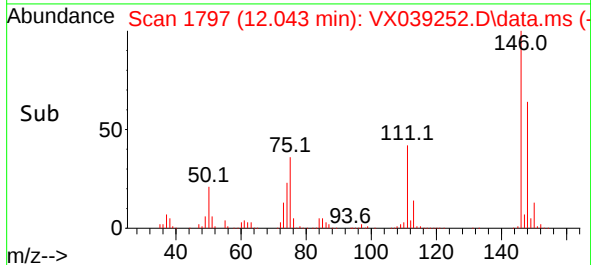
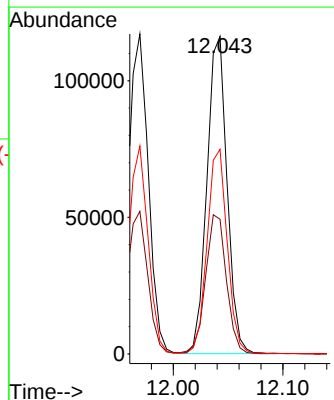
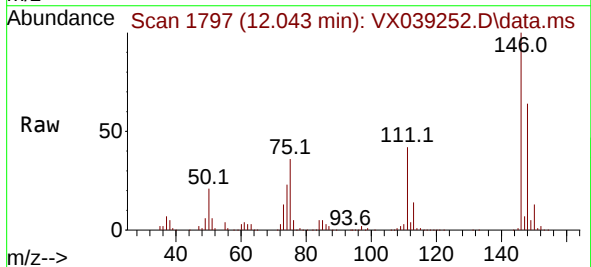
Instrument :
MSVOA_X
ClientSampleId :
YCHH3MS

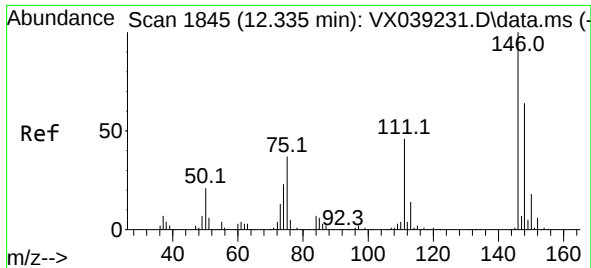
Tgt Ion:146 Resp: 147905
Ion Ratio Lower Upper
146 100
111 44.5 30.0 55.6
148 65.0 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 50.267 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039252.D
Acq: 16 Dec 2023 00:28

Tgt Ion:146 Resp: 147899
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 64.4 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 51.692 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MS

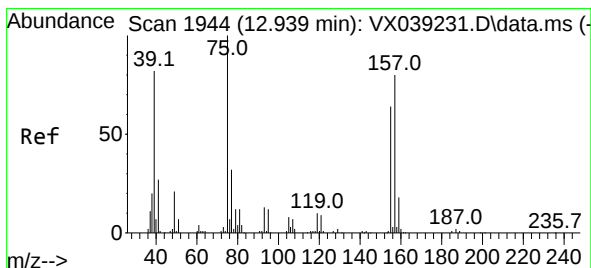
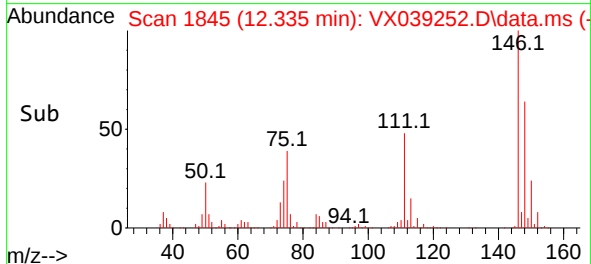
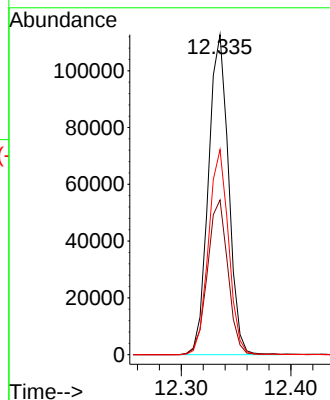
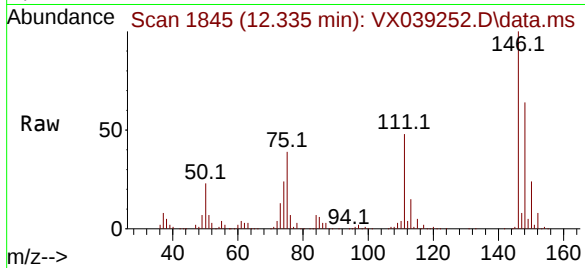
Tgt Ion:146 Resp: 143574

Ion Ratio Lower Upper

146 100

111 48.4 36.4 54.6

148 64.1 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 52.959 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

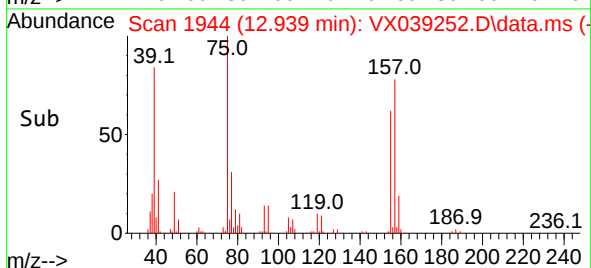
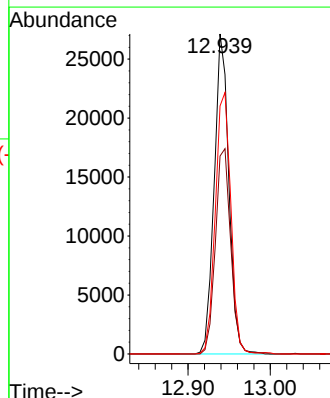
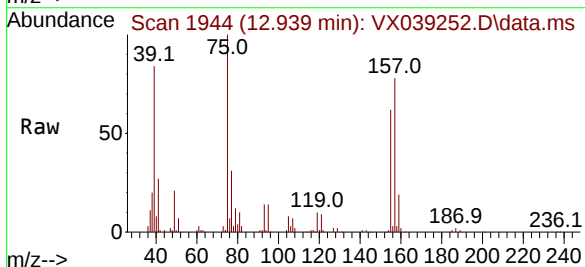
Tgt Ion: 75 Resp: 33613

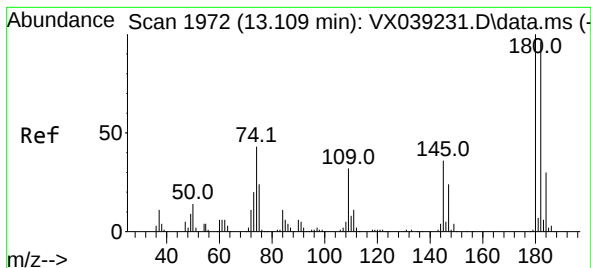
Ion Ratio Lower Upper

75 100

155 61.9 52.3 78.5

157 77.5 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 50.226 ug/L

RT: 13.110 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MS

Tgt Ion:180 Resp: 96444

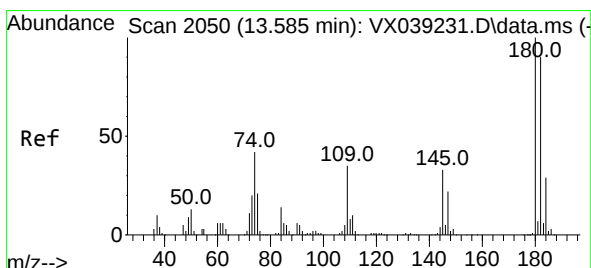
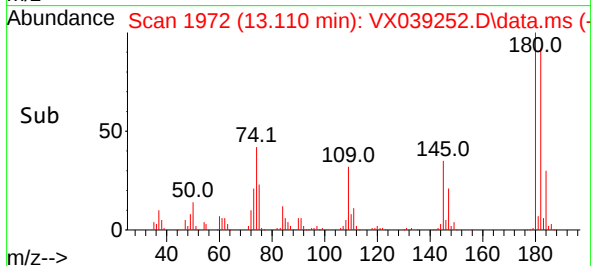
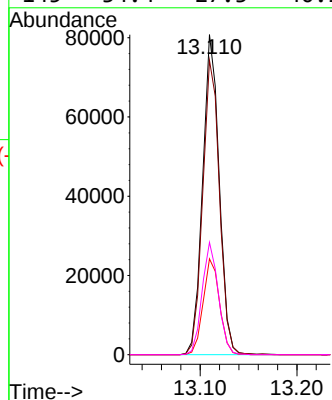
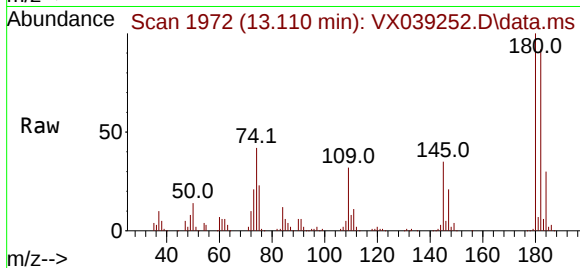
Ion Ratio Lower Upper

180 100

182 93.0 76.1 114.1

184 29.7 24.1 36.1

145 34.4 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 49.900 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

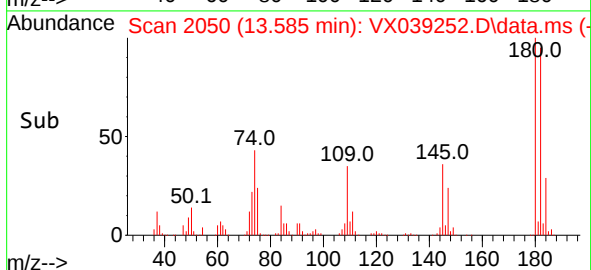
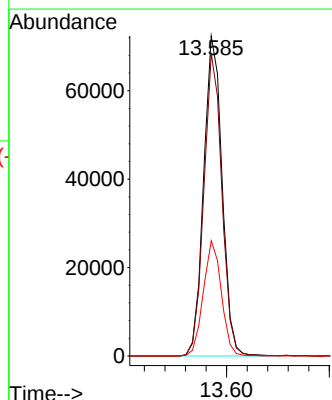
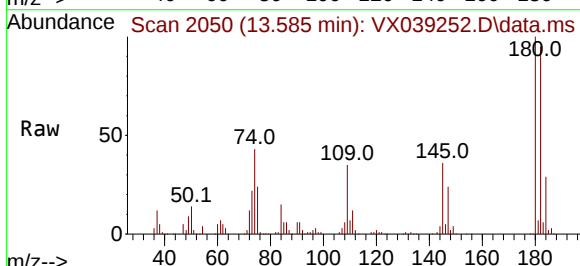
Tgt Ion:180 Resp: 90330

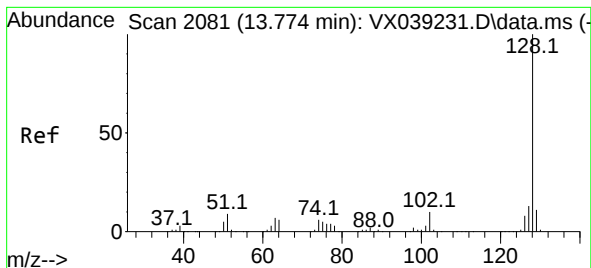
Ion Ratio Lower Upper

180 100

182 92.4 76.8 115.2

145 35.2 27.8 41.6





#71

Naphthalene

Concen: 50.653 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

Instrument :

MSVOA_X

ClientSampleId :

YCHH3MS

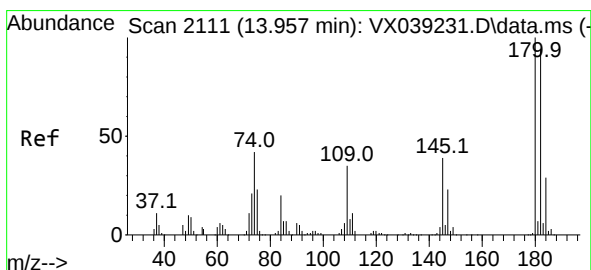
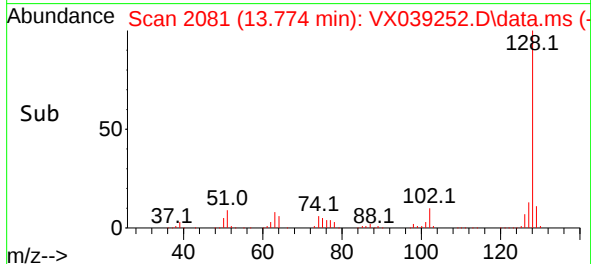
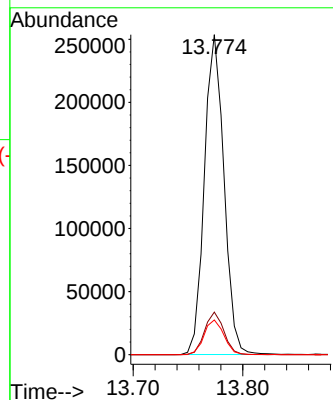
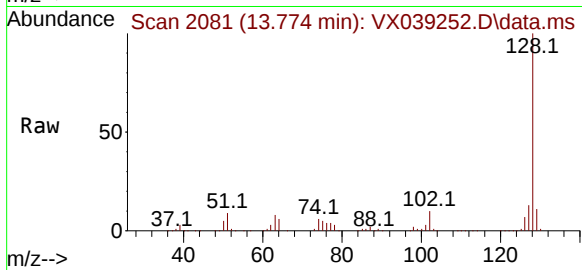
Tgt Ion:128 Resp: 314463

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 49.806 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039252.D

Acq: 16 Dec 2023 00:28

Tgt Ion:180 Resp: 87298

Ion Ratio Lower Upper

180 100

182 93.9 75.9 113.9

145 36.5 28.6 42.8

