

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039254.D
 Acq On : 16 Dec 2023 01:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:55:04 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	202161	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	192349	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	96534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66709	42.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.140%
7) Chloroethane-d5	1.666	69	52446	44.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.500%
11) 1,1-Dichloroethene-d2	2.306	65	33800	48.561	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.120%
21) 2-Butanone-d5	4.446	46	158728	110.587	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.590%
24) Chloroform-d	5.062	84	150178	53.502	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	5.952	65	101936	56.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.140%
32) Benzene-d6	5.970	84	284097	47.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.720%
36) 1,2-Dichloropropane-d6	7.306	67	94311	49.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.740%
41) Toluene-d8	8.647	98	249279	46.338	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.680%
43) trans-1,3-Dichloroprop...	8.952	79	45317	46.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.220%
47) 2-Hexanone-d5	9.384	63	117899	103.327	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.330%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	143903	53.099	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.317	152	90051	49.352	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	81945	50.828	ug/L	100
3) Chloromethane	1.294	50	84417	50.096	ug/L	99
5) Vinyl chloride	1.374	62	79097	47.626	ug/L	98
6) Bromomethane	1.605	94	47244	52.702	ug/L	97
8) Chloroethane	1.685	64	44544	47.442	ug/L	98
9) Trichlorofluoromethane	1.886	101	111370	51.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	68936	49.790	ug/L	97
12) 1,1-Dichloroethene	2.319	96	66930	51.392	ug/L	96
13) Acetone	2.374	43	98430	71.385	ug/L	95
14) Carbon disulfide	2.514	76	198112	47.804	ug/L	100
15) Methyl Acetate	2.703	43	105865	53.715	ug/L	99
16) Methylene chloride	2.788	84	78860	52.703	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	70981	51.728	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	261448	54.738	ug/L	98
19) 1,1-Dichloroethane	3.611	63	143149	52.760	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	81100	50.955	ug/L	95
22) 2-Butanone	4.550	43	152293	89.996	ug/L	100
23) Bromochloromethane	4.897	128	38969	52.085	ug/L	98
25) Chloroform	5.093	83	149290	55.165	ug/L	97

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Instrument :
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 ClientSampleId :

Quant Time: Dec 16 01:55:04 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

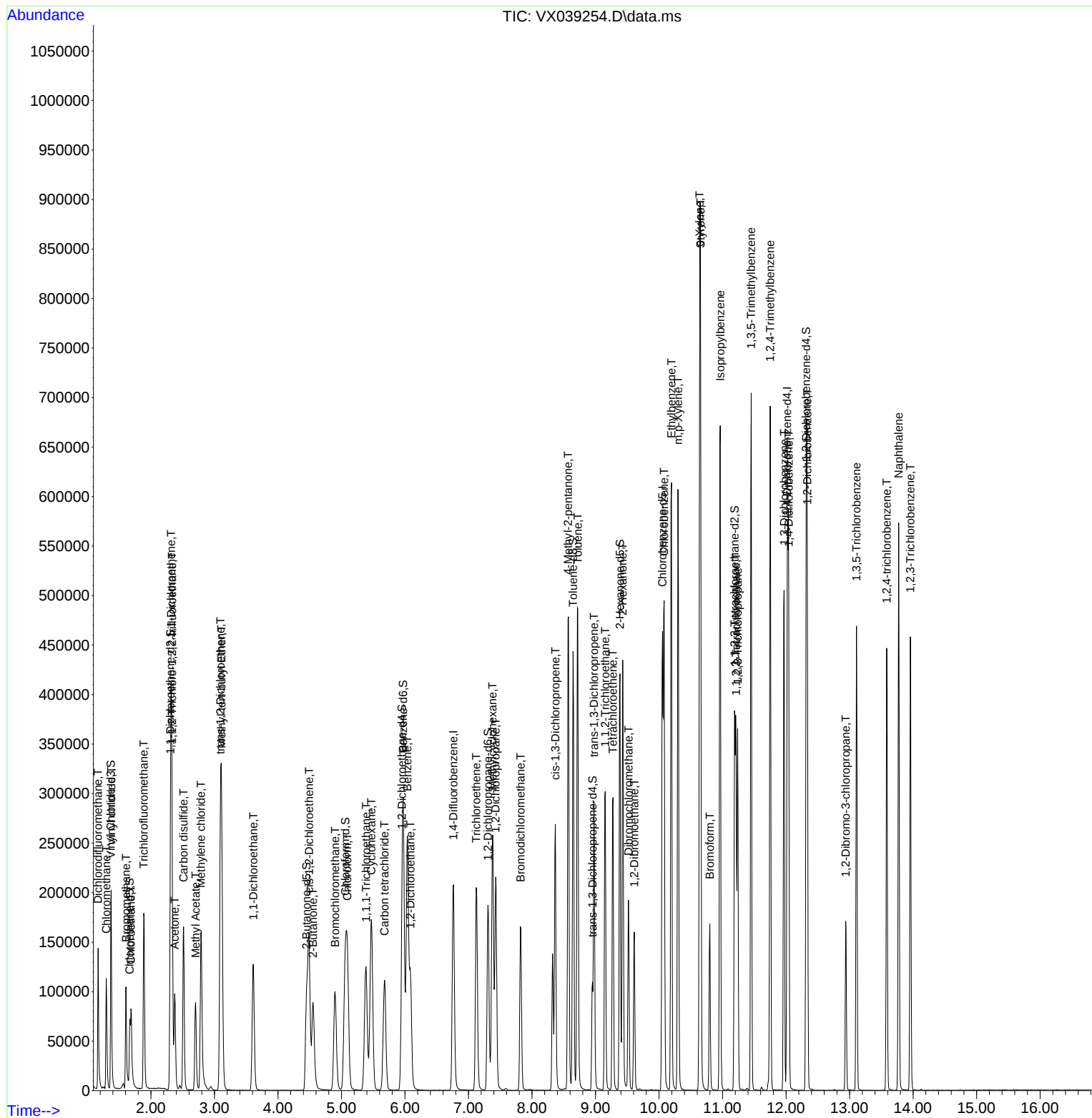
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	125605	58.805	ug/L	95
29) Cyclohexane	5.471	56	122141	45.393	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	122248	52.381	ug/L	98
31) Carbon tetrachloride	5.678	117	97928	50.293	ug/L	99
33) Benzene	6.037	78	301630	49.345	ug/L	100
34) Trichloroethene	7.123	95	81268	50.307	ug/L	98
35) Methylcyclohexane	7.379	83	116603	43.340	ug/L	98
37) 1,2-Dichloropropane	7.427	63	84038	49.572	ug/L	100
38) Bromodichloromethane	7.818	83	107082	51.932	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	130589	48.298	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	292069	102.796	ug/L	98
42) Toluene	8.720	91	317753	49.020	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	126424	50.385	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	79382	51.096	ug/L	97
46) Tetrachloroethene	9.275	164	50873	47.739	ug/L	96
48) 2-Hexanone	9.427	43	230559	96.954	ug/L	98
49) Dibromochloromethane	9.519	129	76713	50.685	ug/L	98
50) 1,2-Dibromoethane	9.610	107	86025	51.685	ug/L	100
51) Chlorobenzene	10.079	112	198164	49.492	ug/L	97
52) Ethylbenzene	10.195	91	357558	49.341	ug/L	100
53) m,p-Xylene	10.299	106	130908	48.316	ug/L	99
54) o-Xylene	10.640	106	126308	48.583	ug/L	97
55) Styrene	10.653	104	221783	49.857	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	137624	50.759	ug/L	99
59) Bromoform	10.799	173	53849	47.463	ug/L	98
60) Isopropylbenzene	10.963	105	346787	49.163	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	109746	51.897	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	293564	49.296	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	287434	49.223	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	147065	48.710	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	148122	48.415	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	141580	49.022	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	34527	52.315	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	94873	47.516	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	89410	47.501	ug/L	97
71) Naphthalene	13.774	128	320489	49.647	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	87334	47.918	ug/L	98

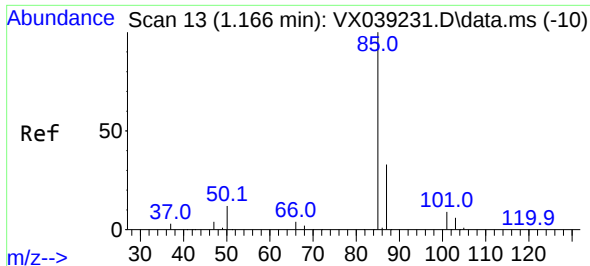
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Data File : VX039254.D
Acq On : 16 Dec 2023 01:14
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Sample : VSTDC0050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 16 01:55:04 2023
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QLast Update : Tue Dec 12 03:50:51 2023
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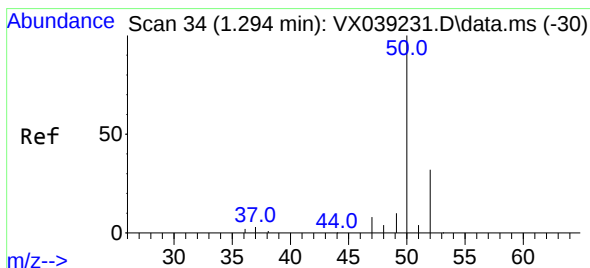
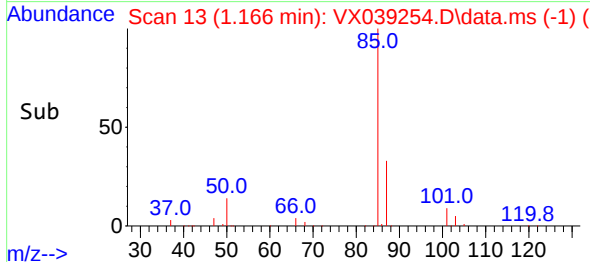
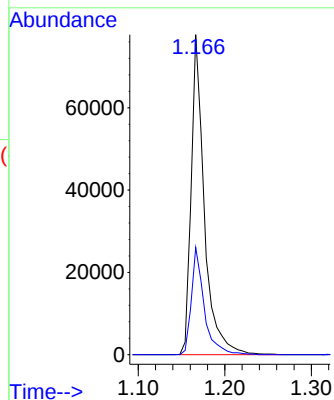
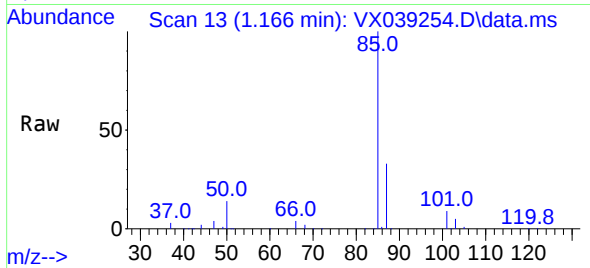




#2
Dichlorodifluoromethane
Concen: 50.828 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

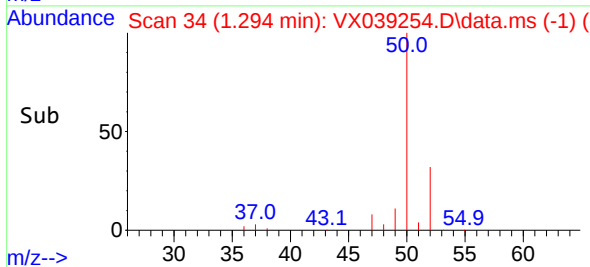
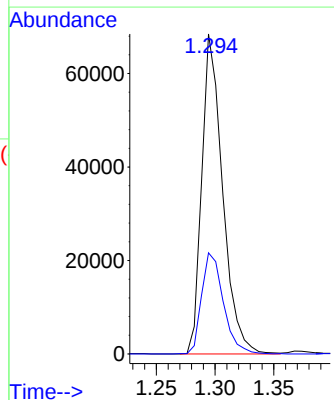
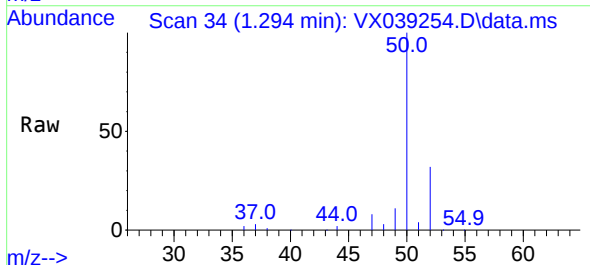
Instrument :
MSVOA_X
ClientSampleId :

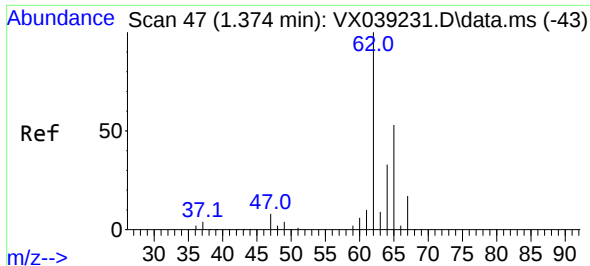
Tgt Ion: 85 Resp: 81945
Ion Ratio Lower Upper
85 100
87 32.9 26.2 39.4



#3
Chloromethane
Concen: 50.096 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion: 50 Resp: 84417
Ion Ratio Lower Upper
50 100
52 31.6 22.4 41.6

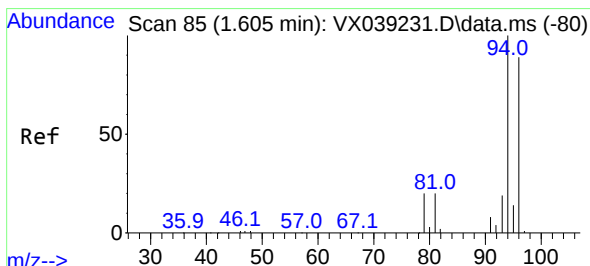
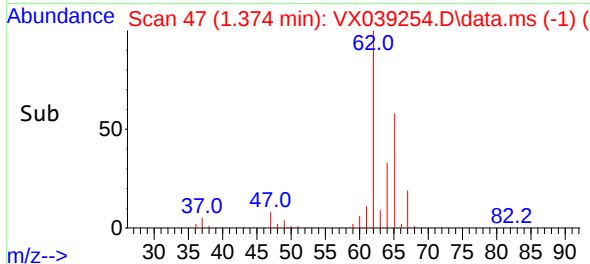
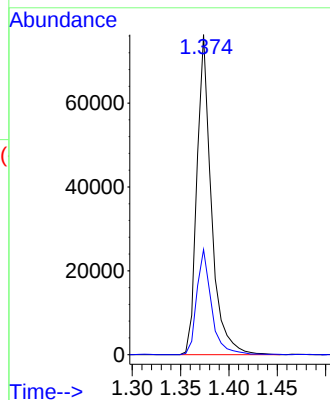
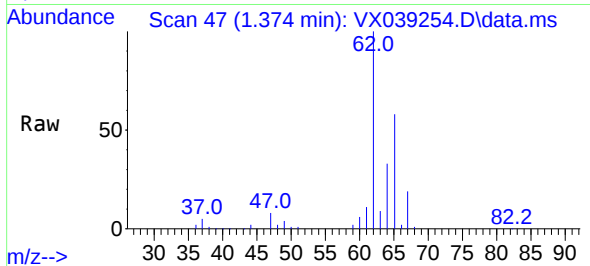




#5
Vinyl chloride
Concen: 47.626 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

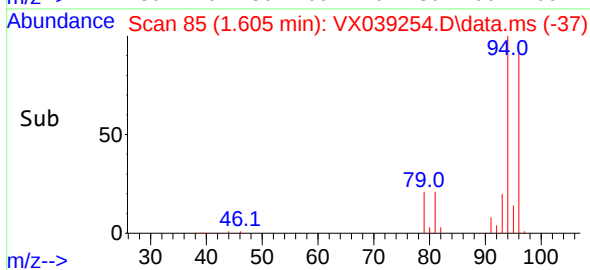
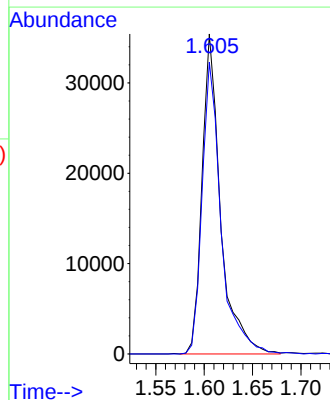
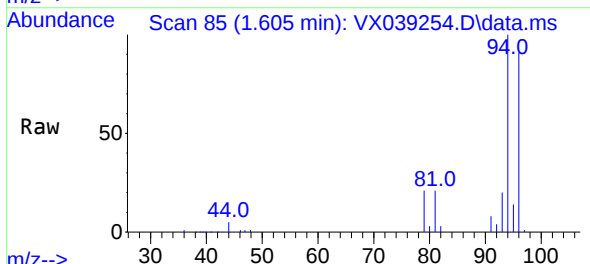
Instrument :
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ClientSampleId :

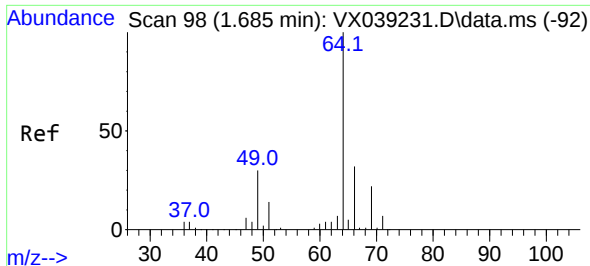
Tgt Ion: 62 Resp: 79097
Ion Ratio Lower Upper
62 100
64 32.8 22.3 41.3



#6
Bromomethane
Concen: 52.702 ug/L
RT: 1.605 min Scan# 85
Delta R.T. -0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion: 94 Resp: 47244
Ion Ratio Lower Upper
94 100
96 91.2 65.8 122.2

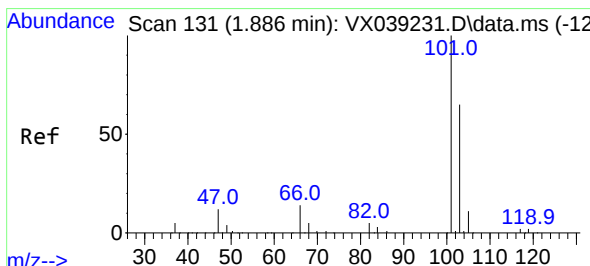
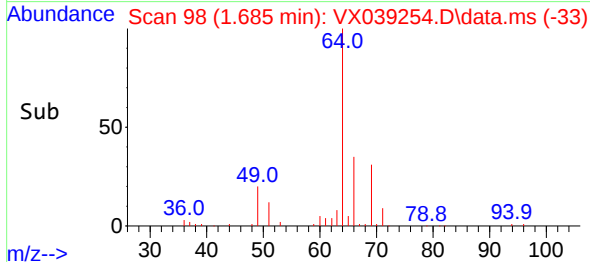
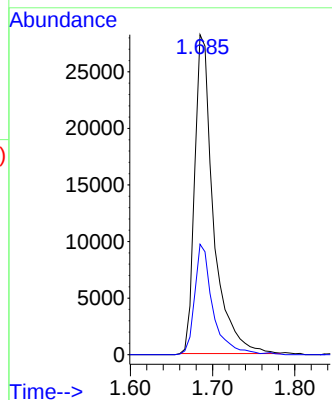
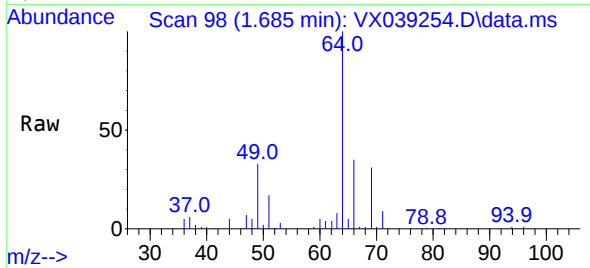




#8
Chloroethane
Concen: 47.442 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

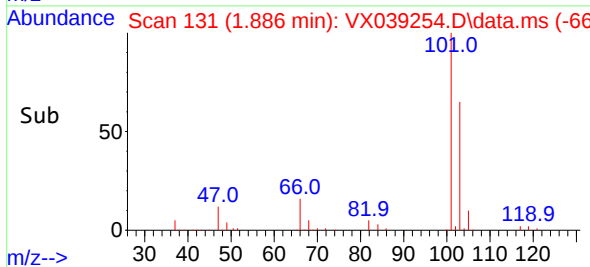
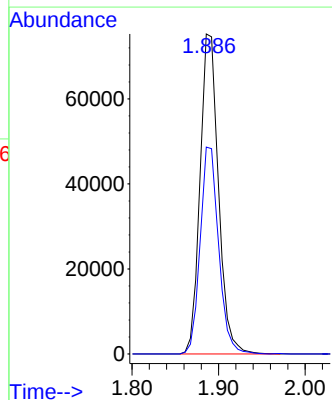
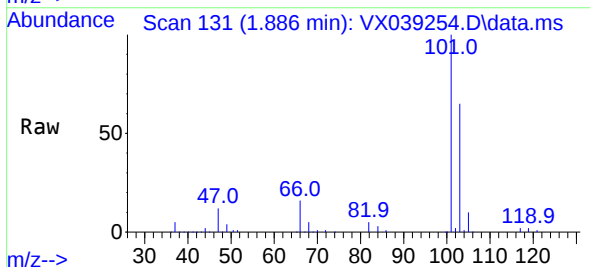
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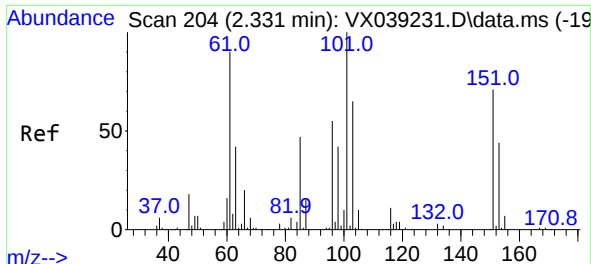
Tgt Ion: 64 Resp: 44544
Ion Ratio Lower Upper
64 100
66 34.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 51.742 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion: 101 Resp: 111370
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

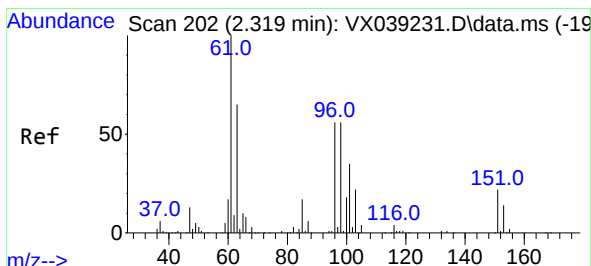
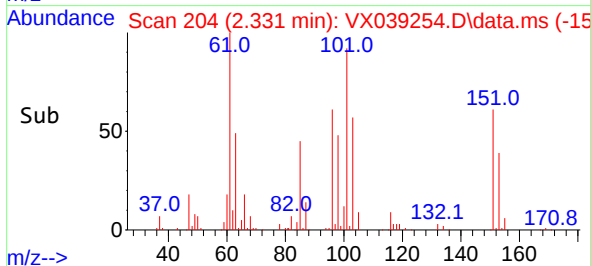
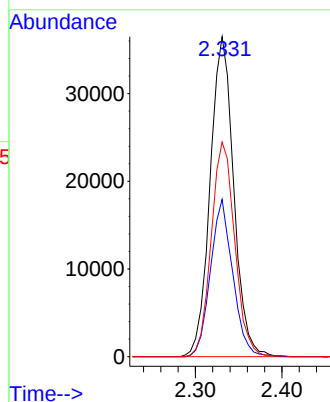
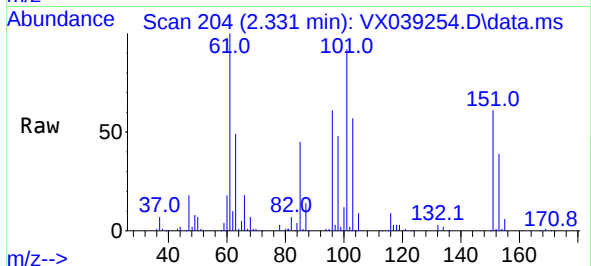




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.790 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

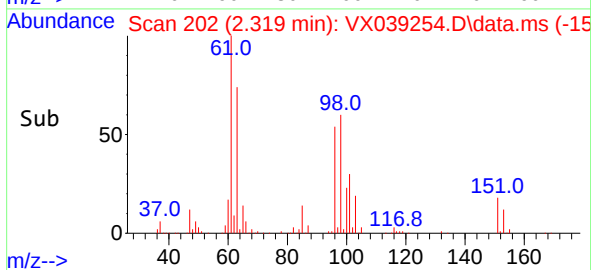
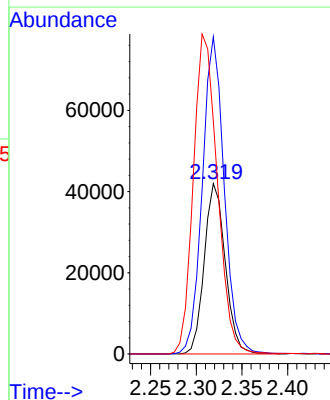
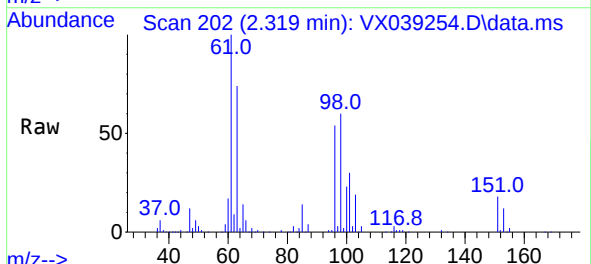
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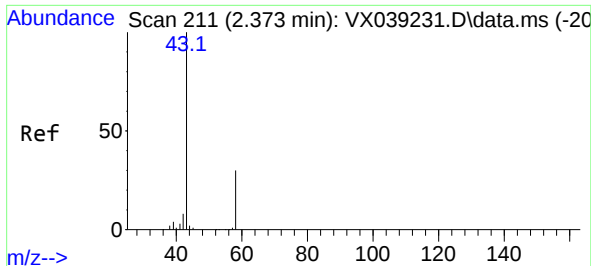
Tgt Ion:101 Resp: 68936
Ion Ratio Lower Upper
101 100
85 46.5 35.8 53.6
151 67.0 55.4 83.2



#12
1,1-Dichloroethene
Concen: 51.392 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion: 96 Resp: 66930
Ion Ratio Lower Upper
96 100
61 186.1 128.0 237.6
63 136.8 101.5 188.5





#13

Acetone

Concen: 71.385 ug/L

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

Instrument :

MSVOA_X

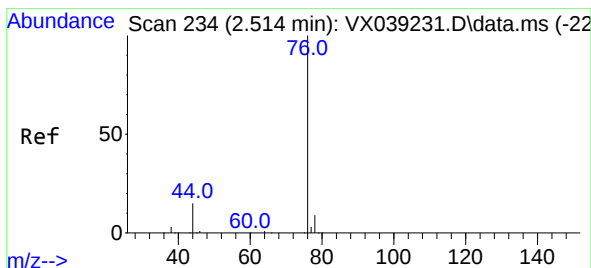
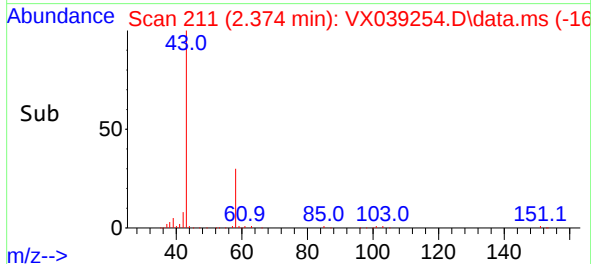
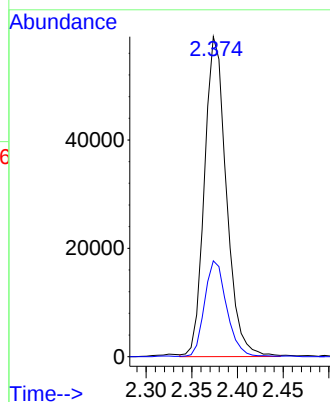
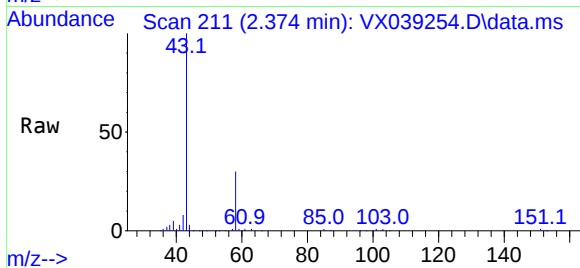
ClientSampleId :

Tgt Ion: 43 Resp: 98430

Ion Ratio Lower Upper

43 100

58 30.1 0.0 65.8



#14

Carbon disulfide

Concen: 47.804 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX039254.D

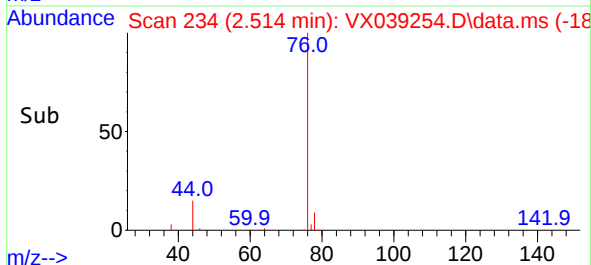
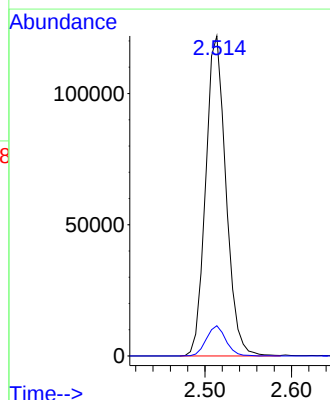
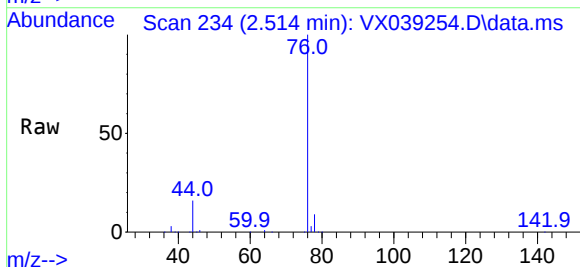
Acq: 16 Dec 2023 01:14

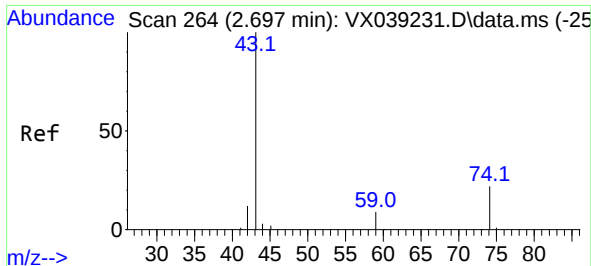
Tgt Ion: 76 Resp: 198112

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

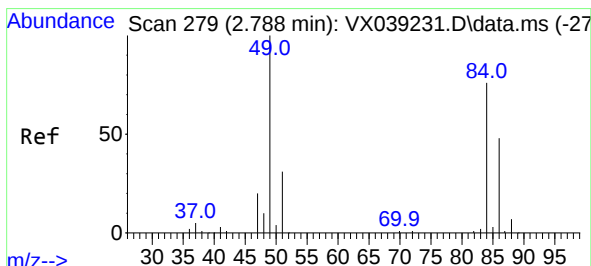
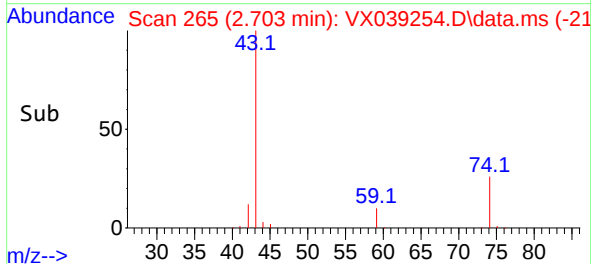
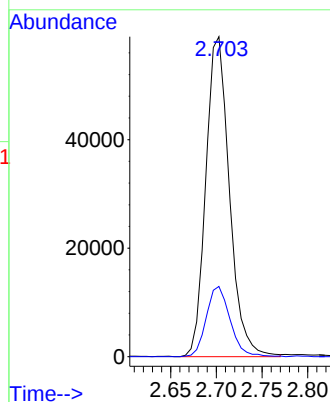
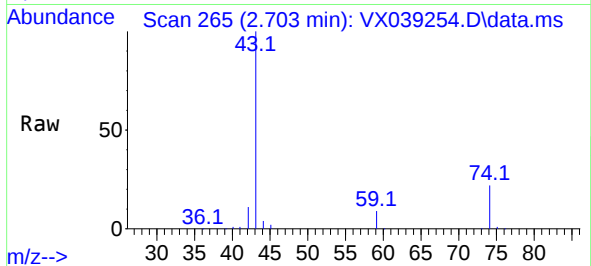




#15
Methyl Acetate
Concen: 53.715 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

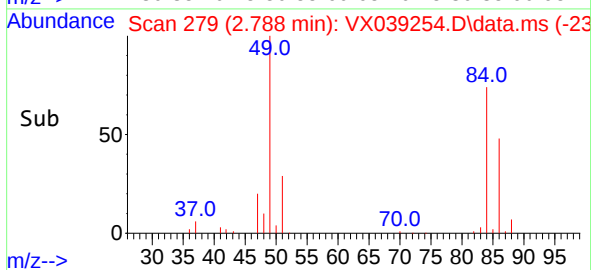
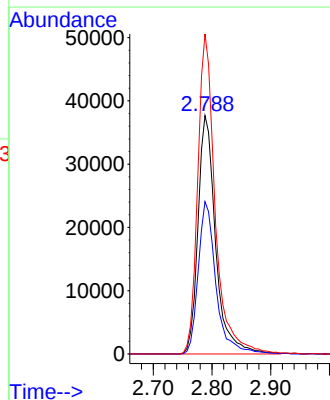
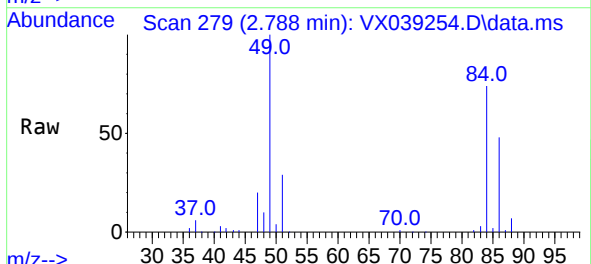
Instrument :
MSVOA_X
ClientSampleId :

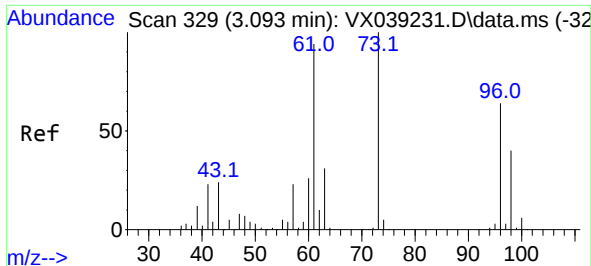
Tgt Ion: 43 Resp: 105865
Ion Ratio Lower Upper
43 100
74 22.1 18.2 27.4



#16
Methylene chloride
Concen: 52.703 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion: 84 Resp: 78860
Ion Ratio Lower Upper
84 100
86 63.9 44.7 82.9
49 134.3 90.9 168.7

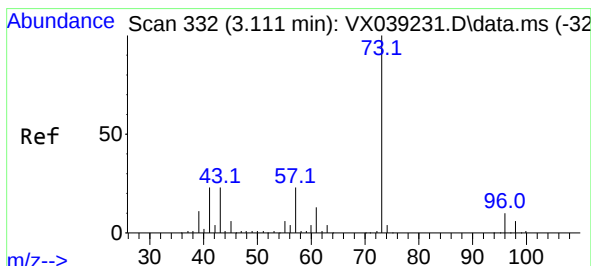
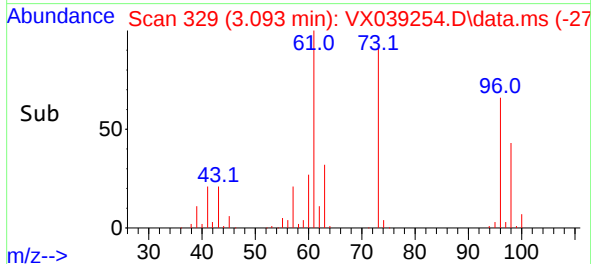
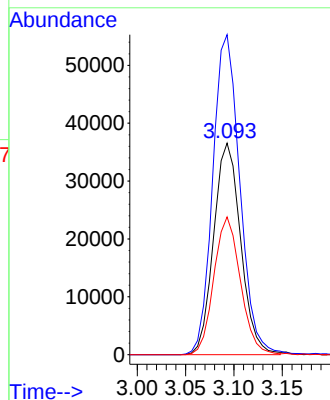
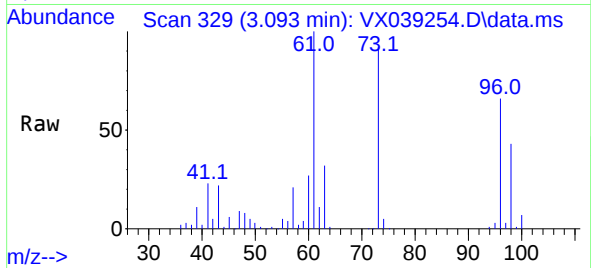




#17
trans-1,2-Dichloroethene
Concen: 51.728 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

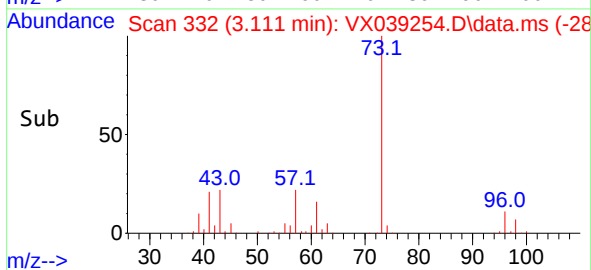
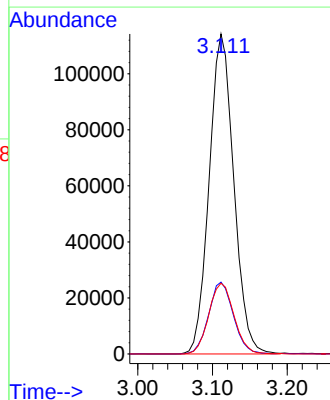
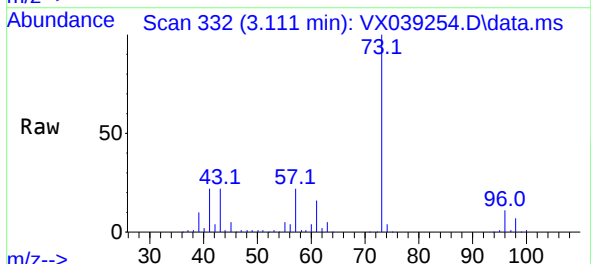
Instrument :
MSVOA_X
ClientSampleId :

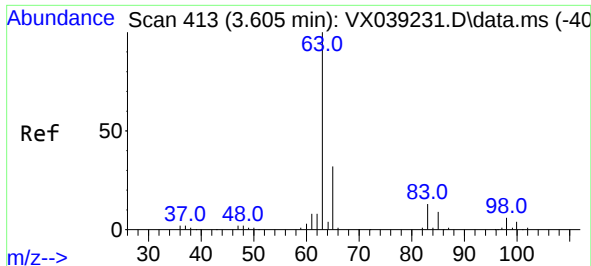
Tgt Ion: 96 Resp: 70981
Ion Ratio Lower Upper
96 100
61 151.3 99.8 185.3
98 65.1 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 54.738 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion: 73 Resp: 261448
Ion Ratio Lower Upper
73 100
43 22.6 16.9 25.3
57 22.6 18.5 27.7





#19

1,1-Dichloroethane

Concen: 52.760 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

Instrument :

MSVOA_X

ClientSampleId :

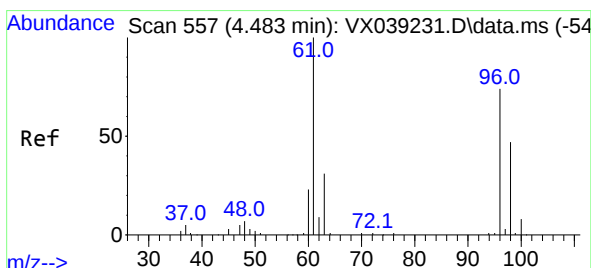
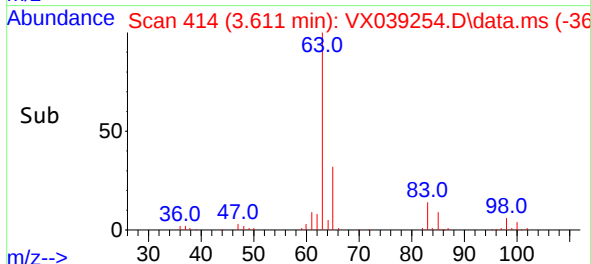
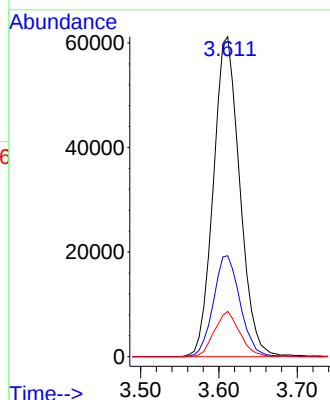
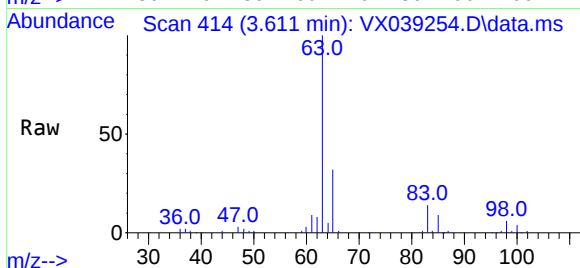
Tgt Ion: 63 Resp: 143149

Ion Ratio Lower Upper

63 100

65 31.6 21.1 39.3

83 14.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 50.955 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

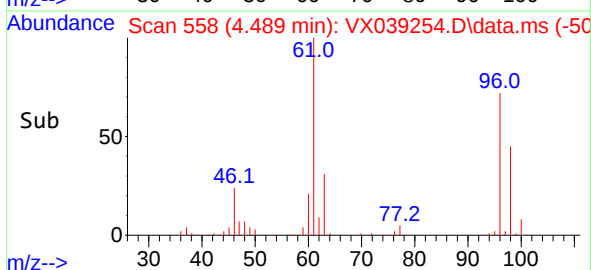
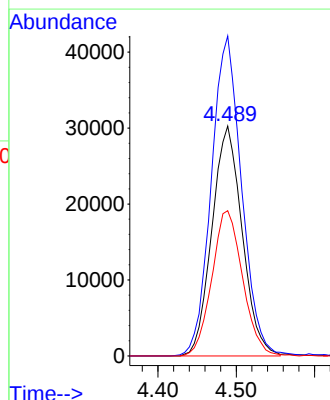
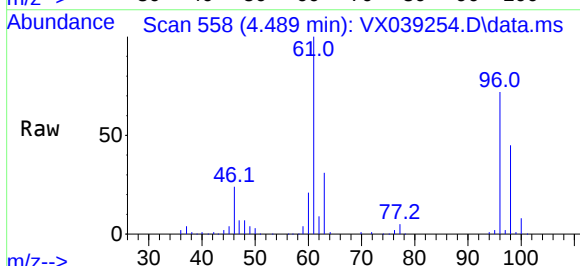
Tgt Ion: 96 Resp: 81100

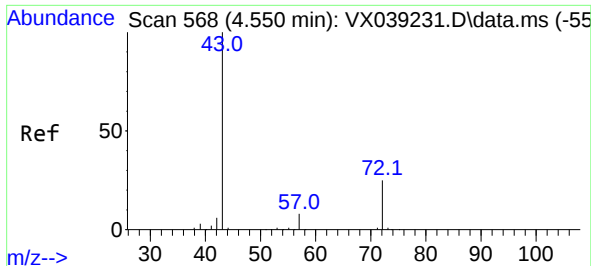
Ion Ratio Lower Upper

96 100

61 139.1 91.7 170.3

98 63.2 44.2 82.2

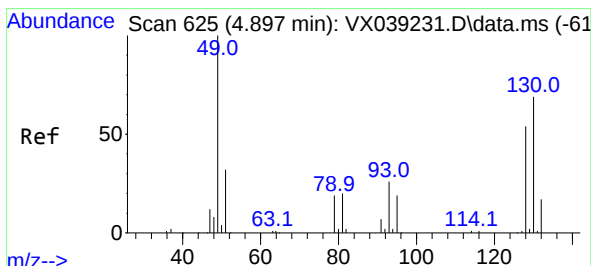
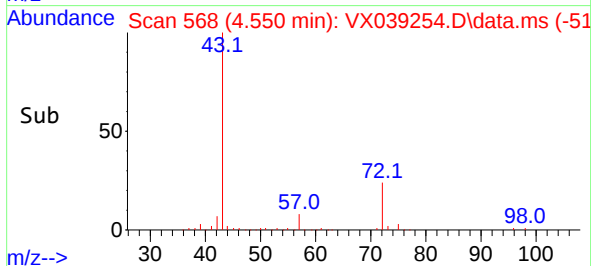
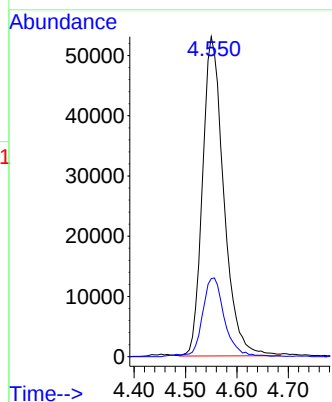
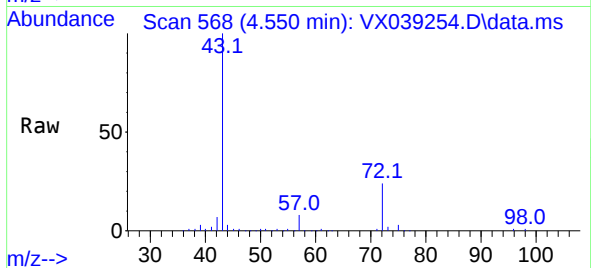




#22
2-Butanone
Concen: 89.996 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

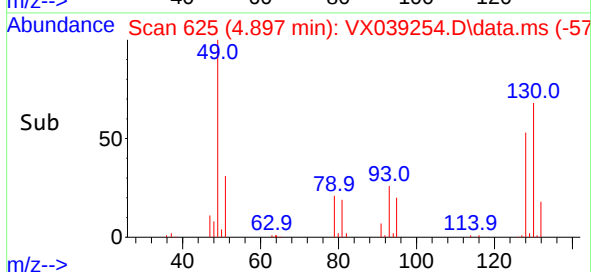
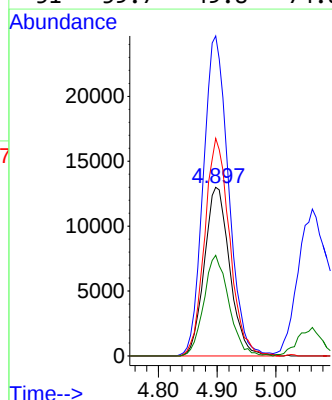
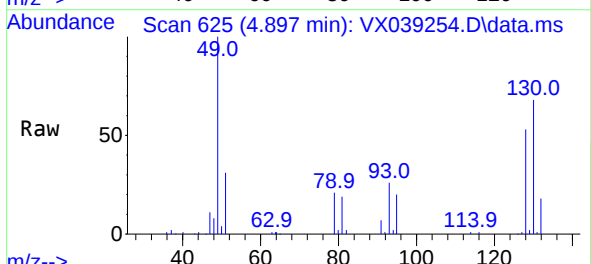
Instrument :
MSVOA_X
ClientSampleId :

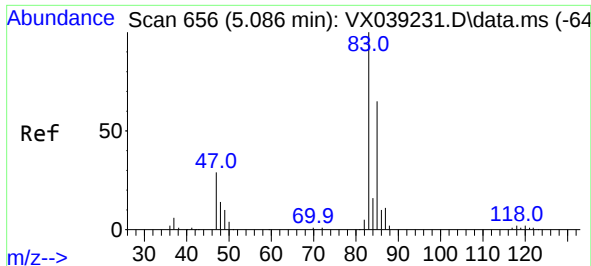
Tgt Ion: 43 Resp: 152293
Ion Ratio Lower Upper
43 100
72 24.9 12.6 37.6



#23
Bromochloromethane
Concen: 52.085 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion:128 Resp: 38969
Ion Ratio Lower Upper
128 100
49 189.8 130.8 243.0
130 129.1 90.6 168.3
51 59.7 49.8 74.8

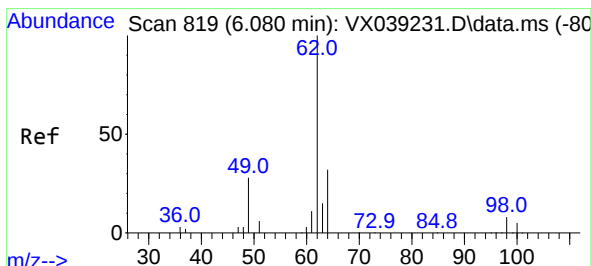
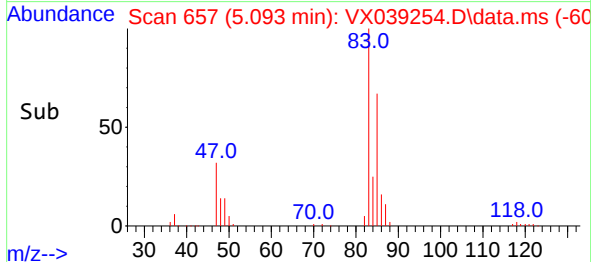
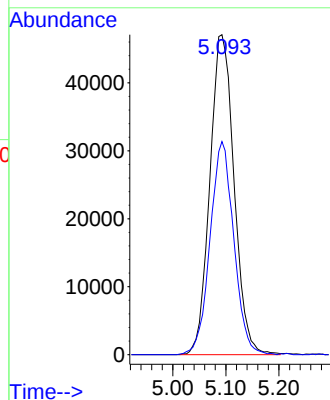
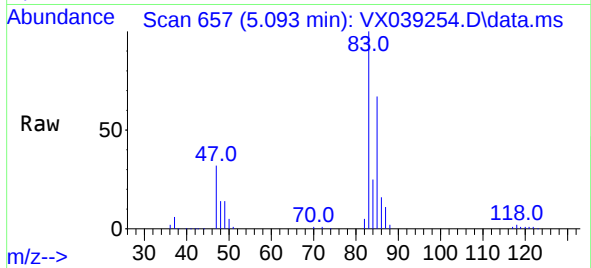




#25
Chloroform
Concen: 55.165 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

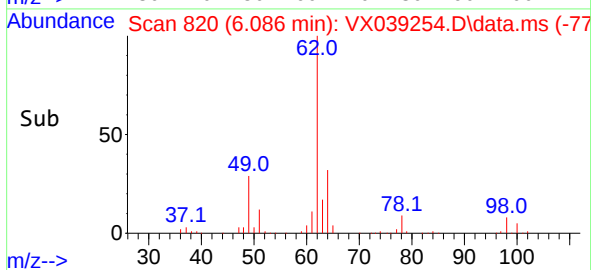
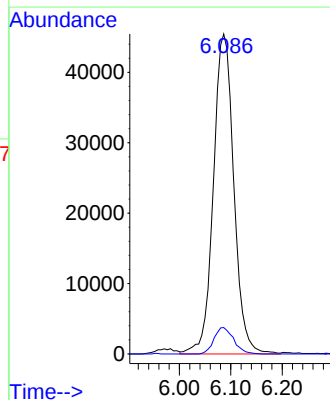
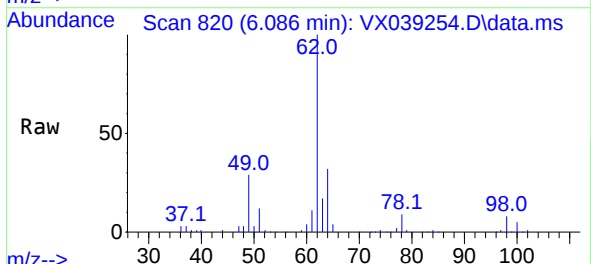
Instrument :
MSVOA_X
ClientSampleId :

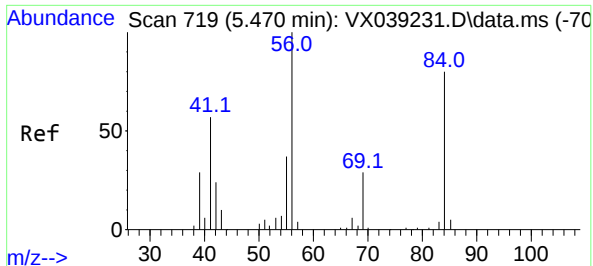
Tgt Ion: 83 Resp: 149290
Ion Ratio Lower Upper
83 100
85 66.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 58.805 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion: 62 Resp: 125605
Ion Ratio Lower Upper
62 100
98 8.3 8.0 12.0





#29

Cyclohexane

Concen: 45.393 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

Instrument :

MSVOA_X

ClientSampleId :

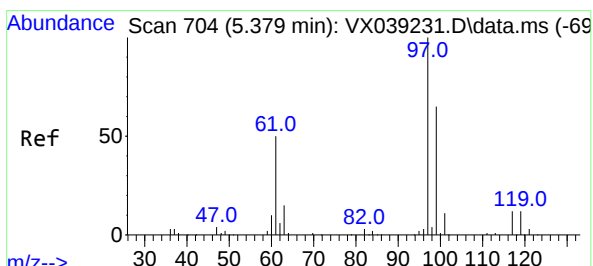
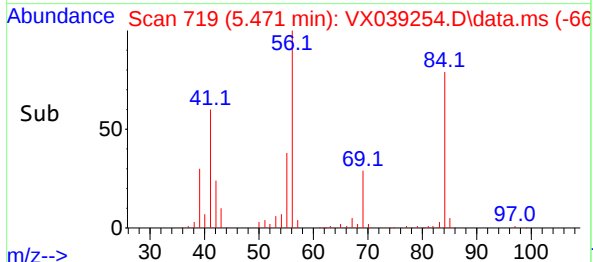
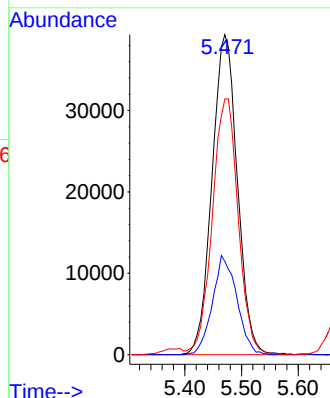
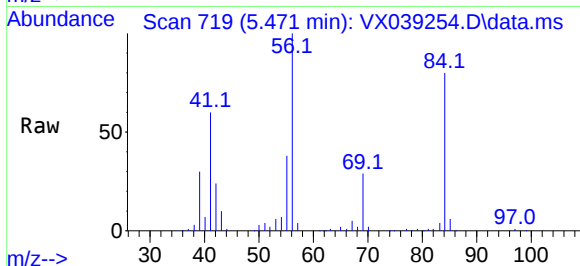
Tgt Ion: 56 Resp: 122141

Ion Ratio Lower Upper

56 100

69 29.8 24.5 36.7

84 80.4 67.0 100.4



#30

1,1,1-Trichloroethane

Concen: 52.381 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

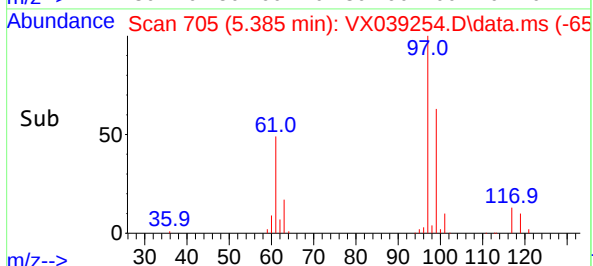
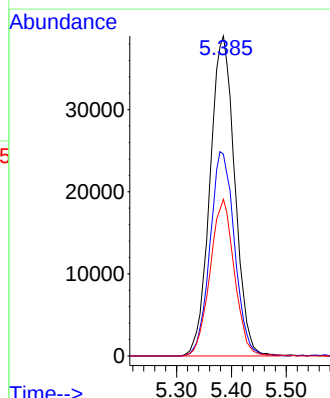
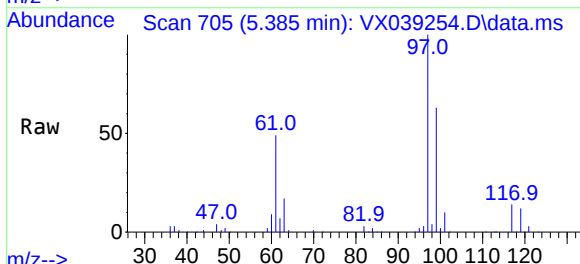
Tgt Ion: 97 Resp: 122248

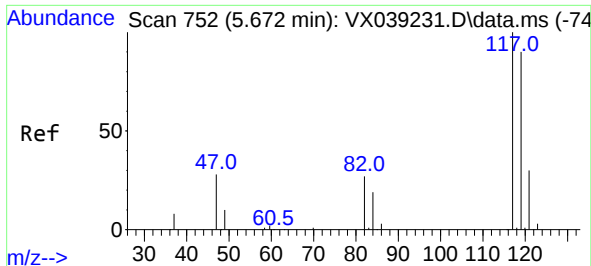
Ion Ratio Lower Upper

97 100

99 63.2 51.0 76.4

61 48.0 36.7 55.1

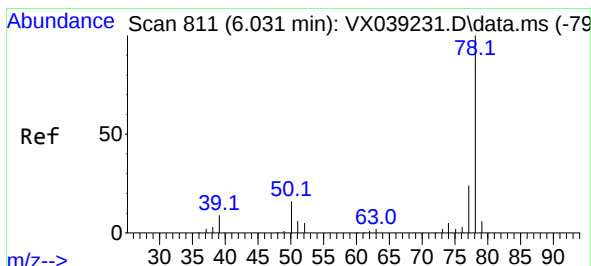
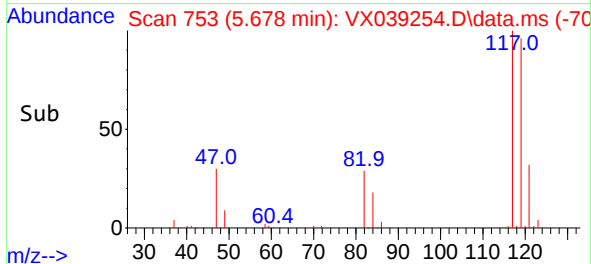
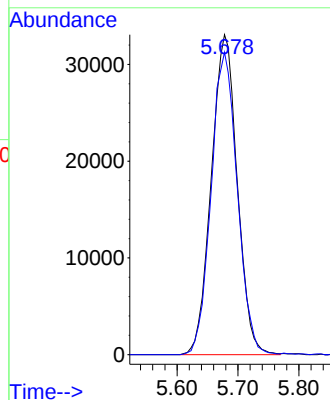
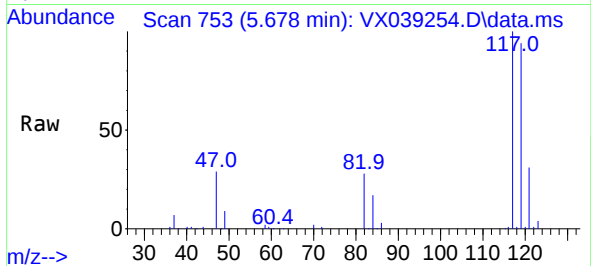




#31
Carbon tetrachloride
Concen: 50.293 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

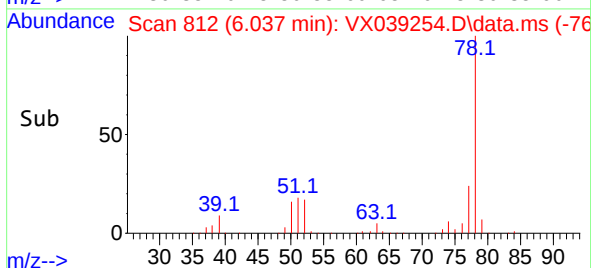
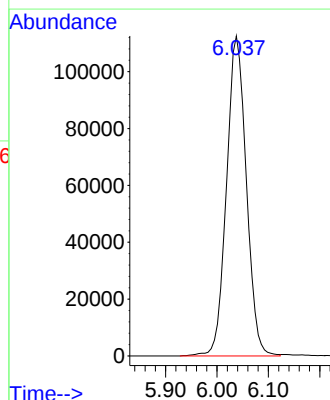
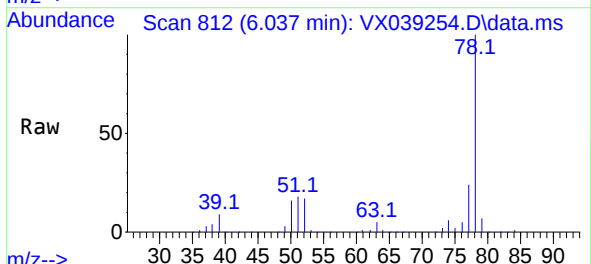
Instrument :
MSVOA_X
ClientSampleId :

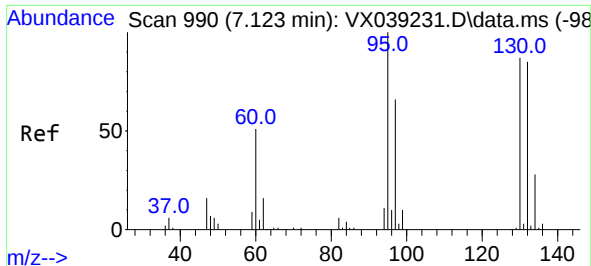
Tgt Ion:117 Resp: 97928
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.4



#33
Benzene
Concen: 49.345 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

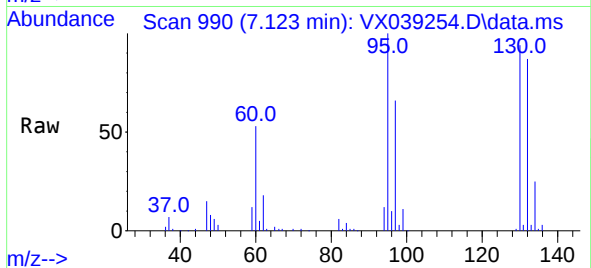
Tgt Ion: 78 Resp: 301630





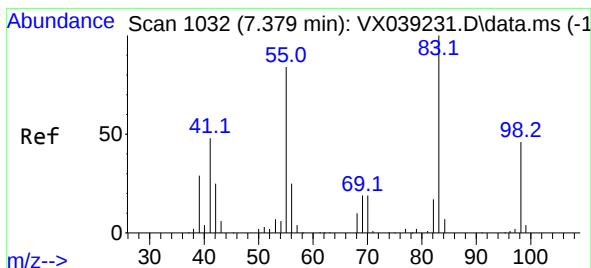
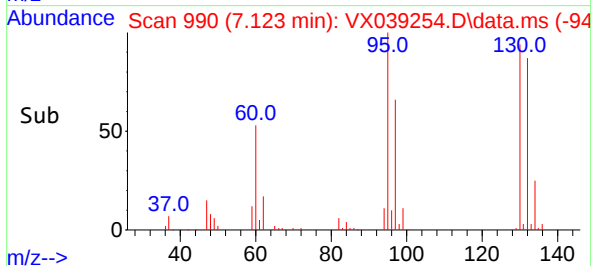
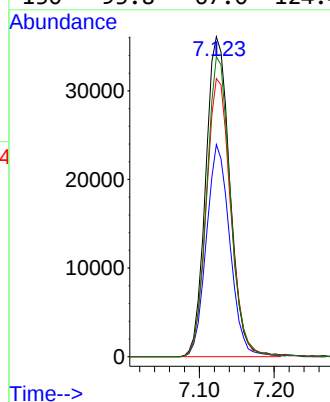
#34
Trichloroethene
Concen: 50.307 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 81268

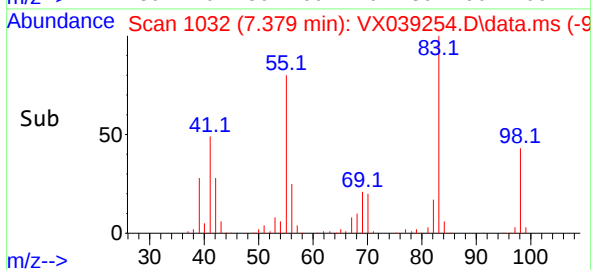
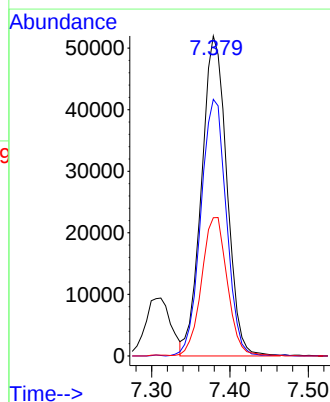
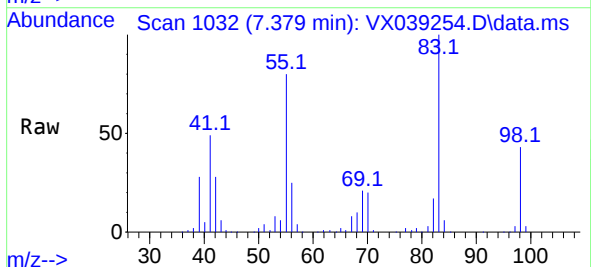
Ion	Ratio	Lower	Upper
95	100		
97	66.3	45.5	84.5
132	86.9	62.2	115.4
130	93.8	67.0	124.4

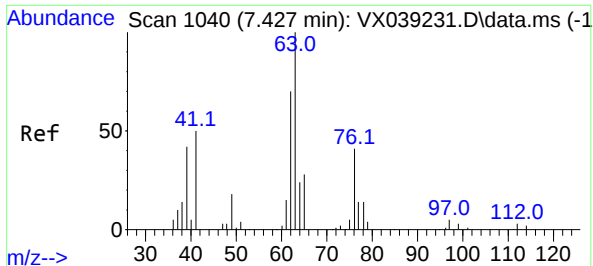


#35
Methylcyclohexane
Concen: 43.340 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion: 83 Resp: 116603

Ion	Ratio	Lower	Upper
83	100		
55	80.7	62.5	93.7
98	44.1	36.1	54.1





#37

1,2-Dichloropropane

Concen: 49.572 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

Instrument :

MSVOA_X

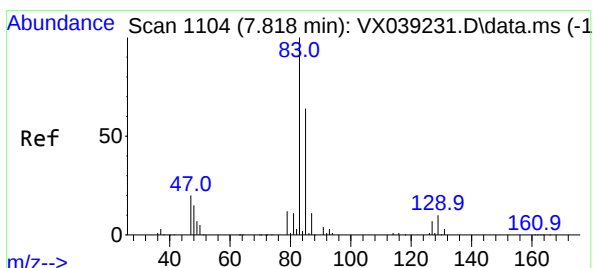
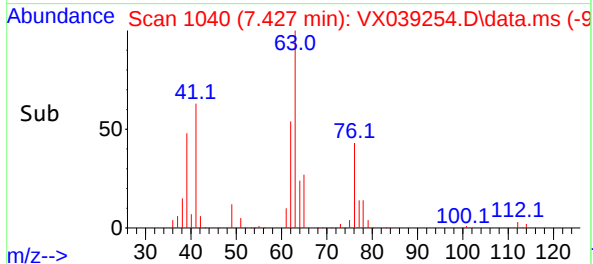
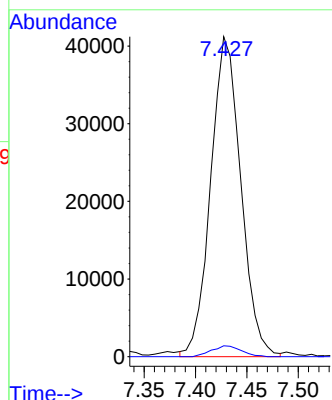
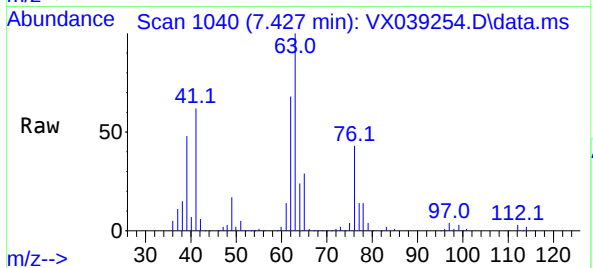
ClientSampleId :

Tgt Ion: 63 Resp: 84038

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 51.932 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

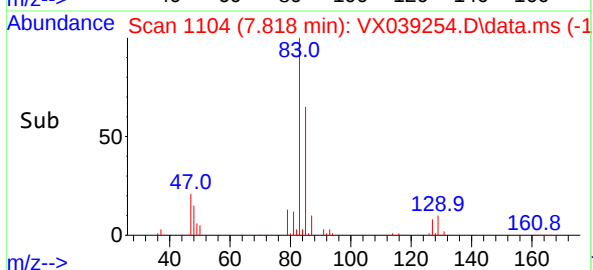
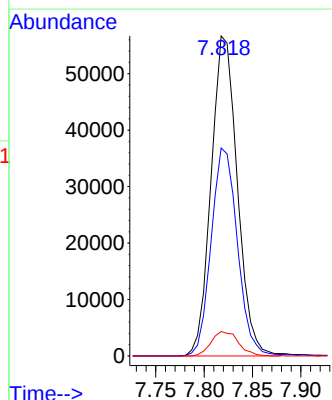
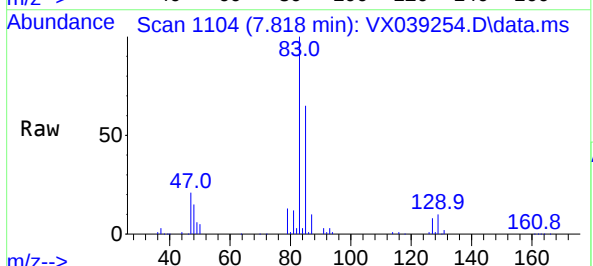
Tgt Ion: 83 Resp: 107082

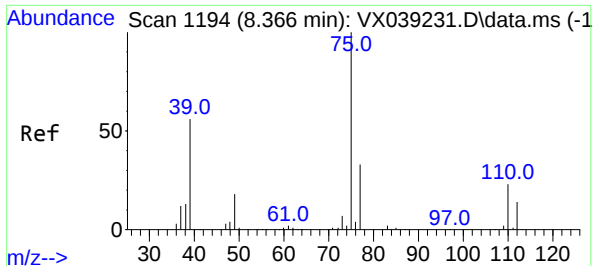
Ion Ratio Lower Upper

83 100

85 65.0 43.3 80.5

127 7.7 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 48.298 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

Instrument :

MSVOA_X

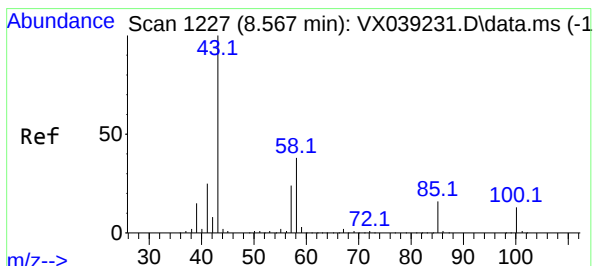
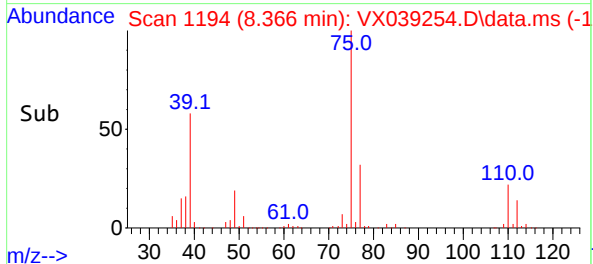
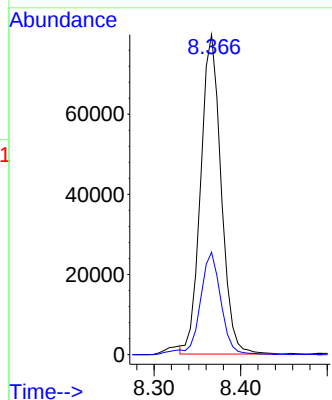
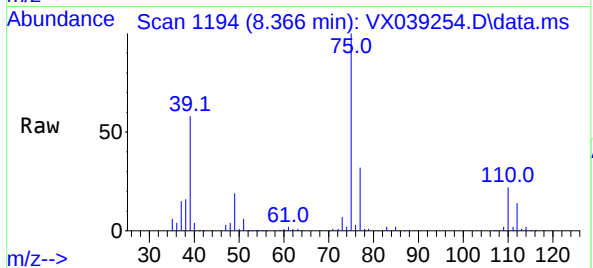
ClientSampleId :

Tgt Ion: 75 Resp: 130589

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 102.796 ug/L

RT: 8.568 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

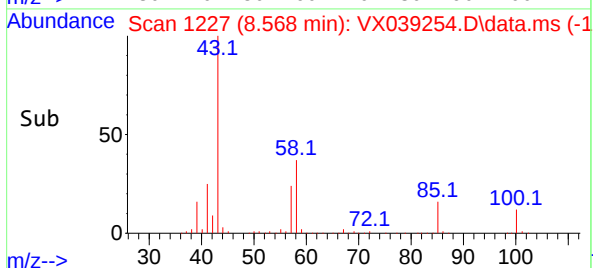
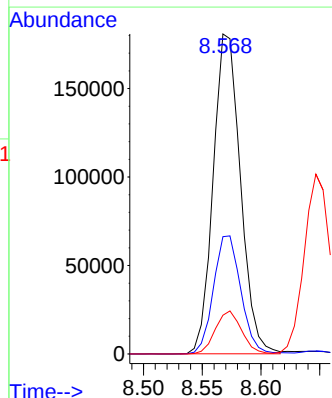
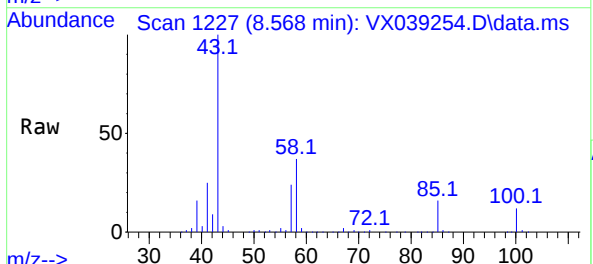
Tgt Ion: 43 Resp: 292069

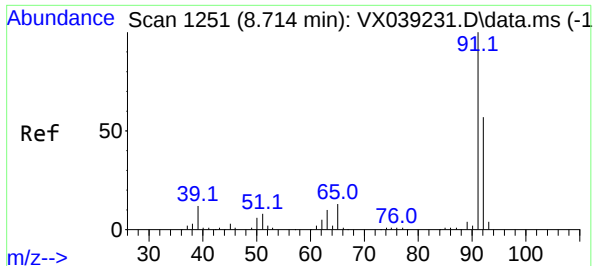
Ion Ratio Lower Upper

43 100

58 37.2 30.9 46.3

100 13.0 10.6 16.0





#42

Toluene

Concen: 49.020 ug/L

RT: 8.720 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

Instrument :

MSVOA_X

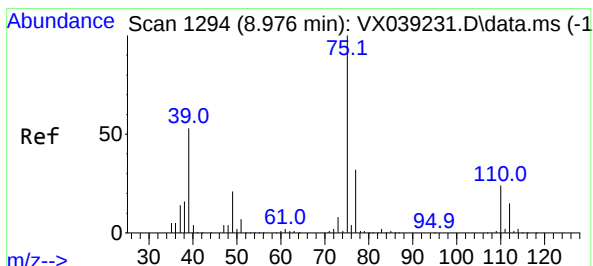
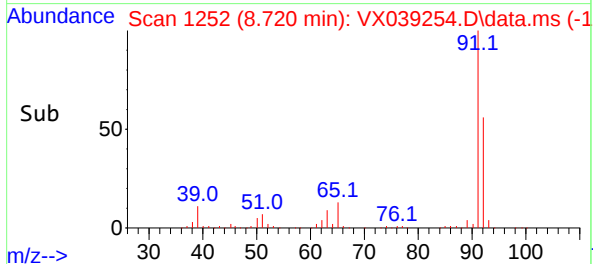
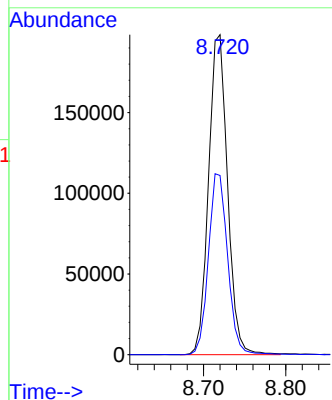
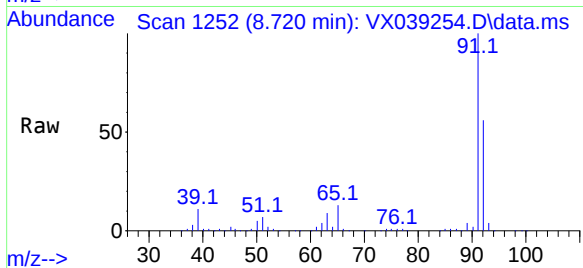
ClientSampleId :

Tgt Ion: 91 Resp: 317753

Ion Ratio Lower Upper

91 100

92 56.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 50.385 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.006 min

Lab File: VX039254.D

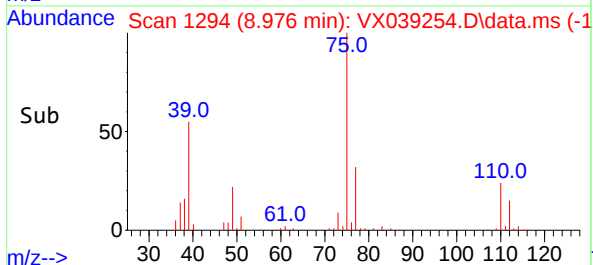
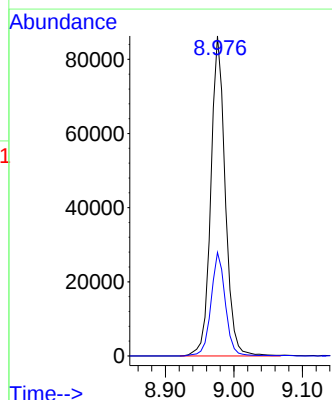
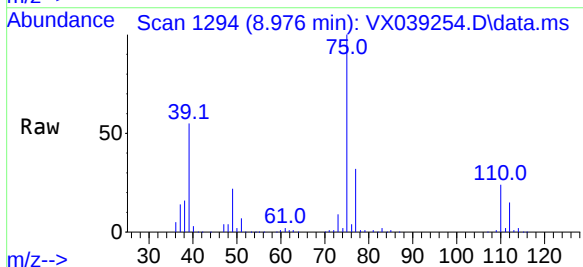
Acq: 16 Dec 2023 01:14

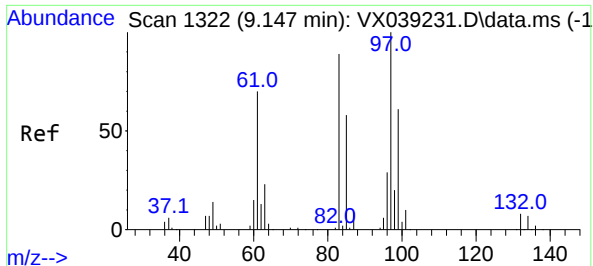
Tgt Ion: 75 Resp: 126424

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 51.096 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 79382

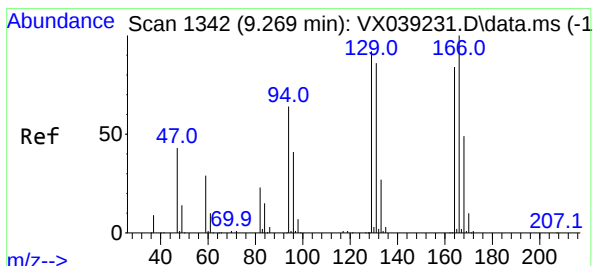
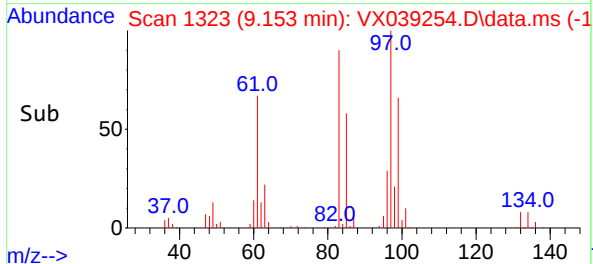
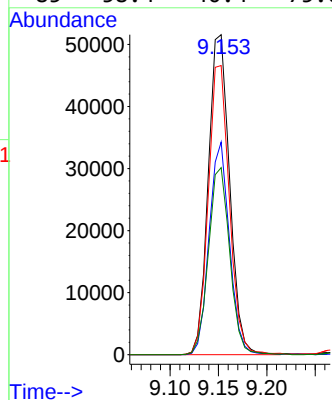
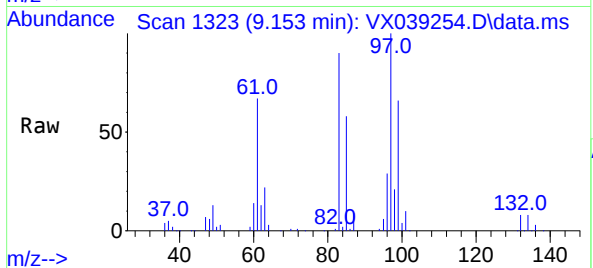
Ion Ratio Lower Upper

97 100

99 66.5 43.1 80.1

83 90.4 64.0 118.8

85 58.4 40.4 75.0



#46

Tetrachloroethene

Concen: 47.739 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

Tgt Ion:164 Resp: 50873

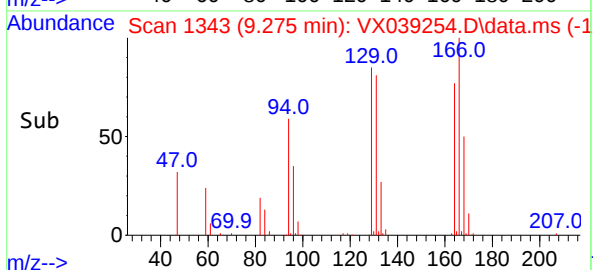
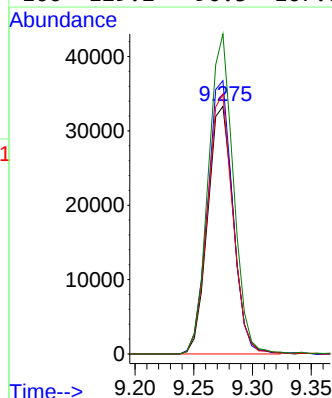
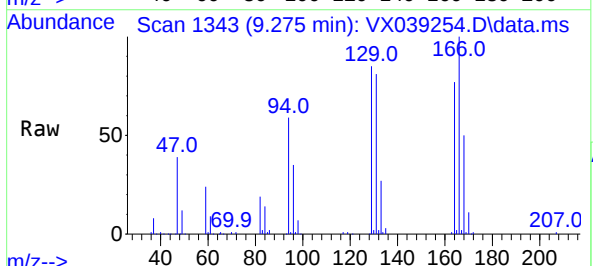
Ion Ratio Lower Upper

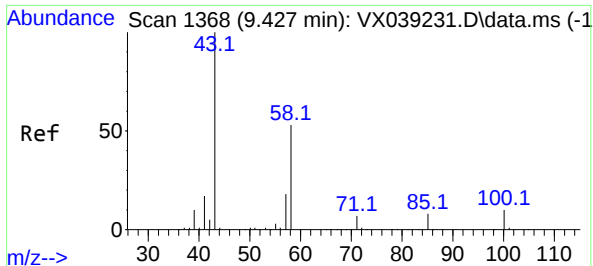
164 100

129 110.4 71.9 133.5

131 105.0 69.5 129.1

166 129.2 90.3 167.7





#48

2-Hexanone

Concen: 96.954 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 230559

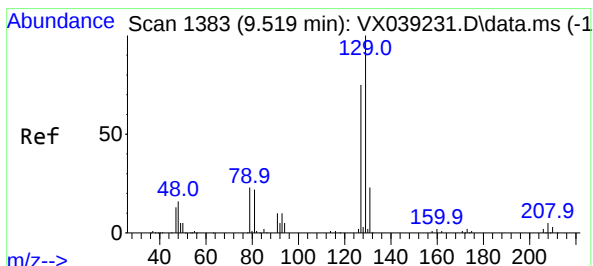
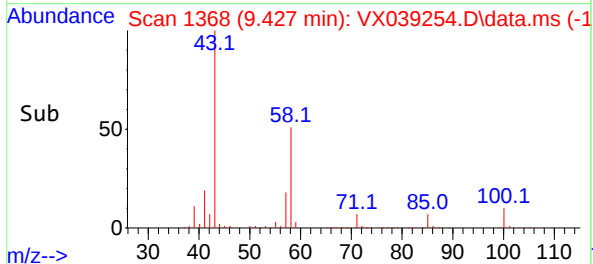
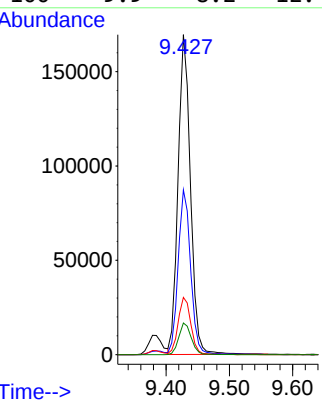
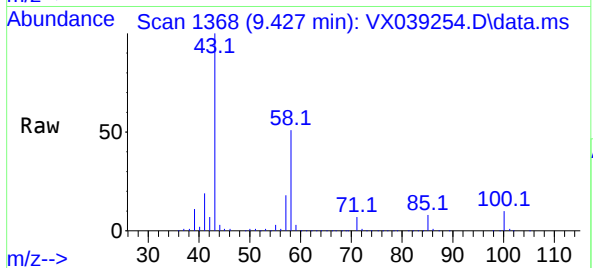
Ion Ratio Lower Upper

43 100

58 52.0 43.0 64.6

57 18.3 14.6 21.8

100 9.9 8.2 12.4



#49

Dibromochloromethane

Concen: 50.685 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX039254.D

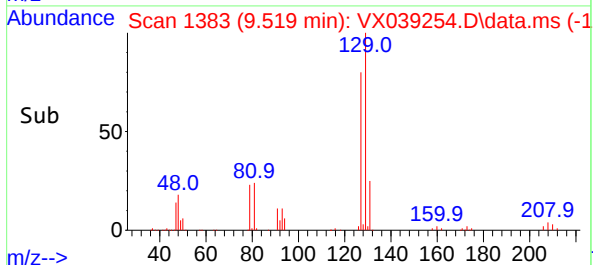
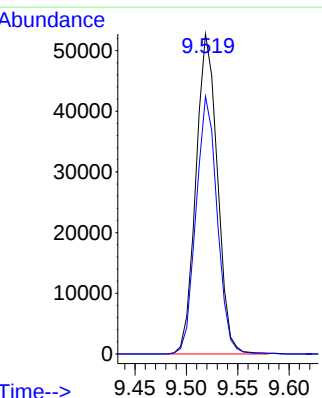
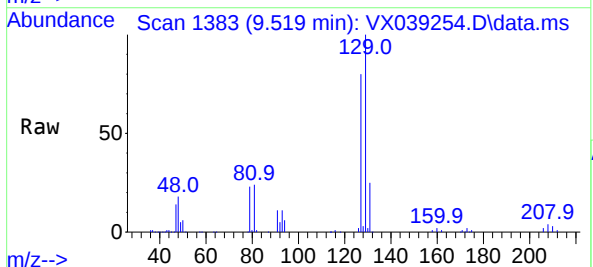
Acq: 16 Dec 2023 01:14

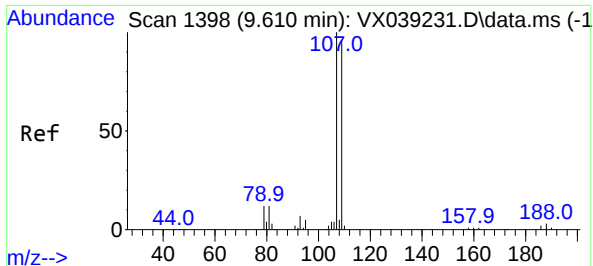
Tgt Ion:129 Resp: 76713

Ion Ratio Lower Upper

129 100

127 80.5 55.2 102.4

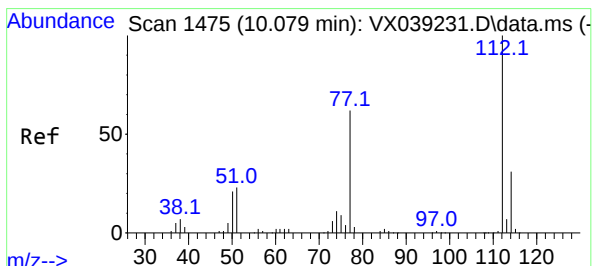
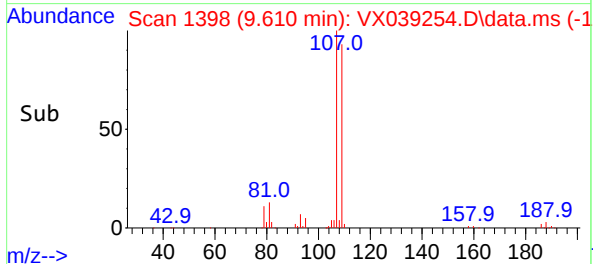
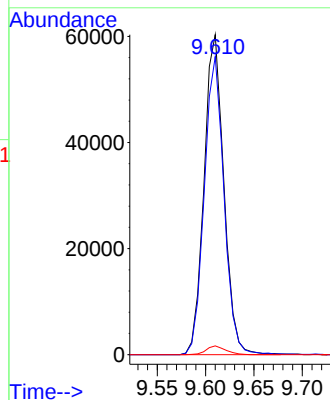
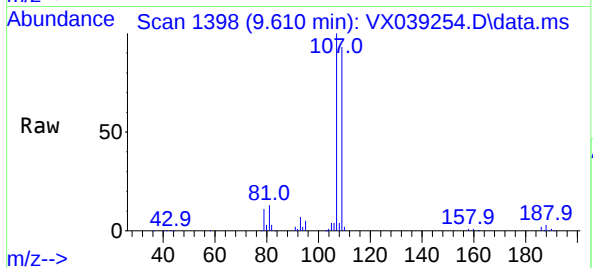




#50
1,2-Dibromoethane
Concen: 51.685 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

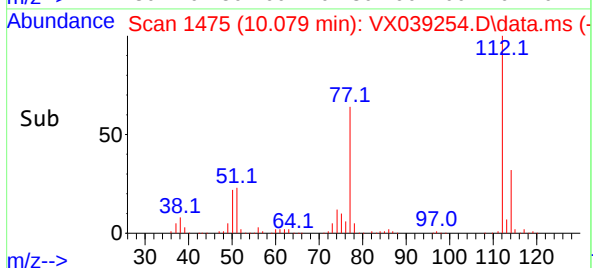
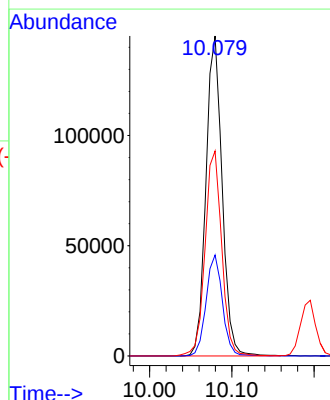
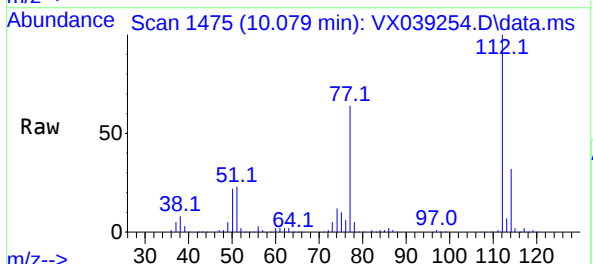
Instrument :
MSVOA_X
ClientSampleId :

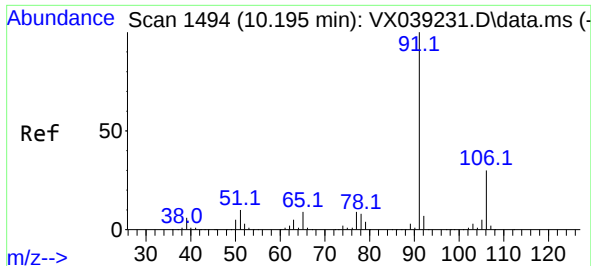
Tgt Ion:107 Resp: 86025
Ion Ratio Lower Upper
107 100
109 93.2 65.2 121.0
188 2.8 2.5 3.7



#51
Chlorobenzene
Concen: 49.492 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion:112 Resp: 198164
Ion Ratio Lower Upper
112 100
114 31.5 21.8 40.4
77 64.1 49.0 73.6

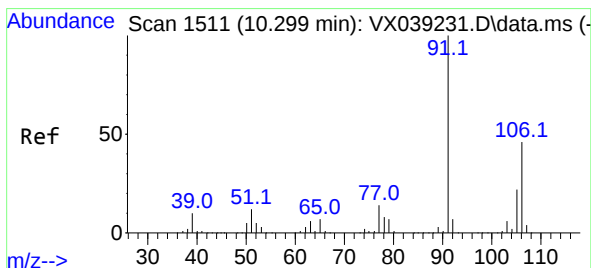
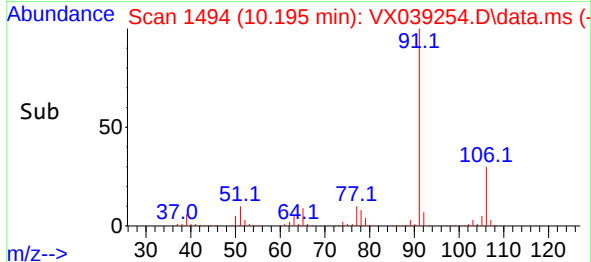
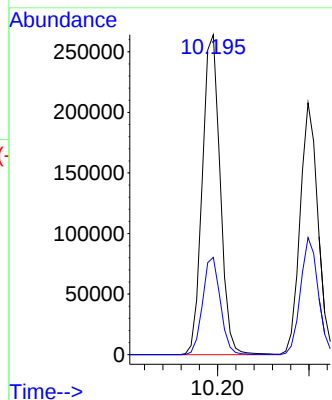
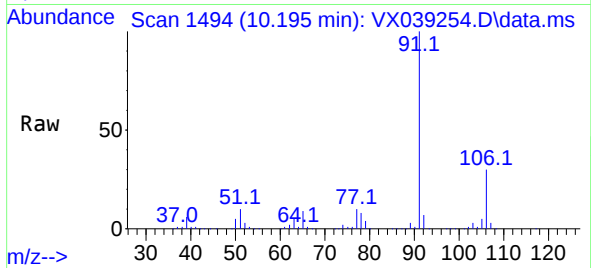




#52
Ethylbenzene
Concen: 49.341 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

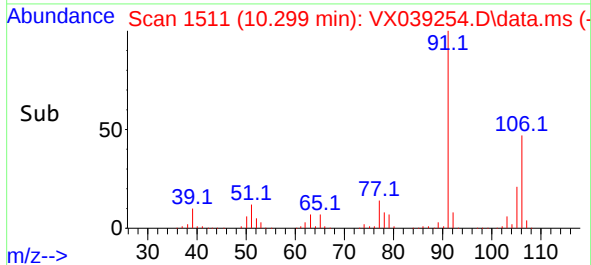
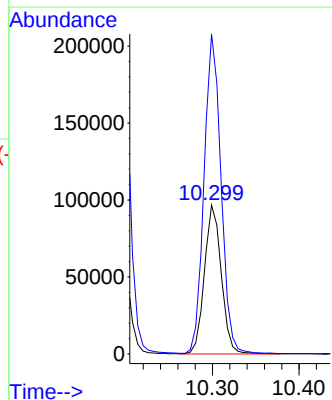
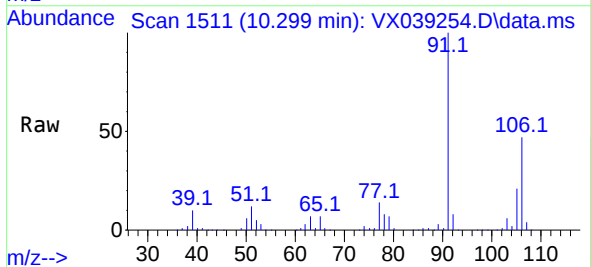
Instrument :
MSVOA_X
ClientSampleId :

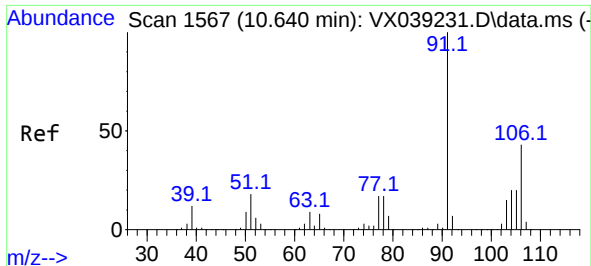
Tgt Ion: 91 Resp: 357558
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 48.316 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion:106 Resp: 130908
Ion Ratio Lower Upper
106 100
91 215.0 149.0 276.8

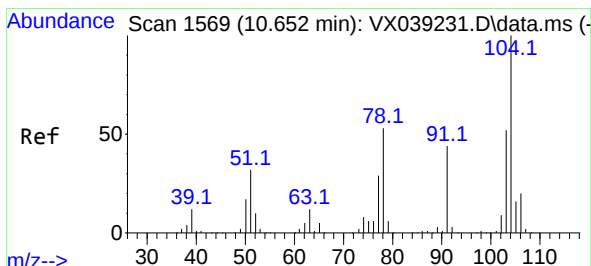
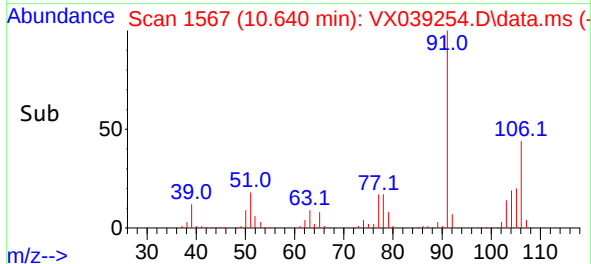
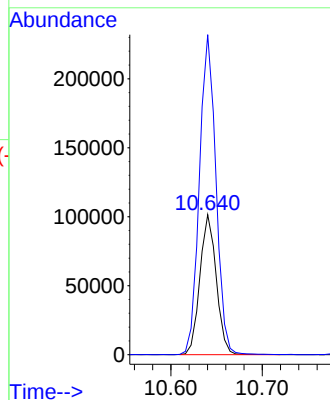
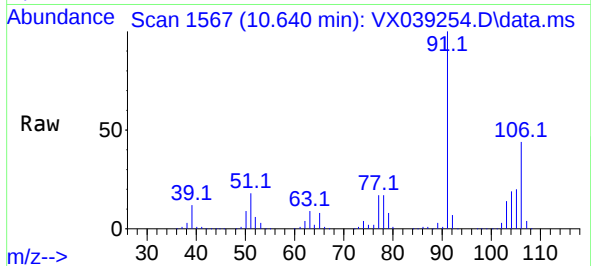




#54
o-Xylene
Concen: 48.583 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

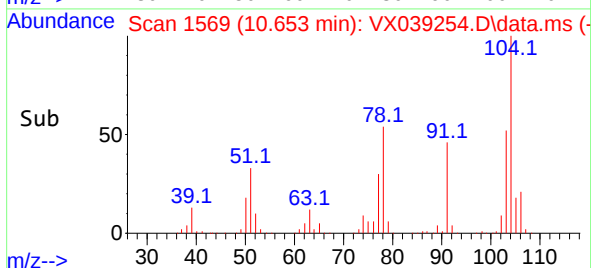
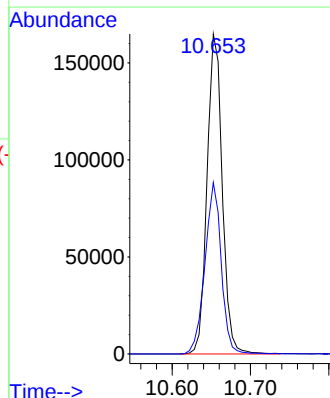
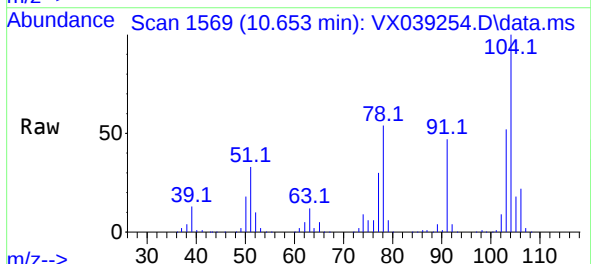
Instrument :
MSVOA_X
ClientSampleId :

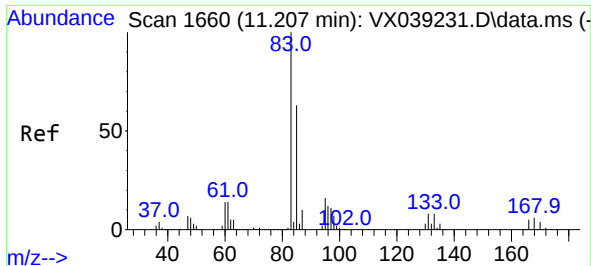
Tgt Ion:106 Resp: 126308
Ion Ratio Lower Upper
106 100
91 228.6 156.2 290.0



#55
Styrene
Concen: 49.857 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

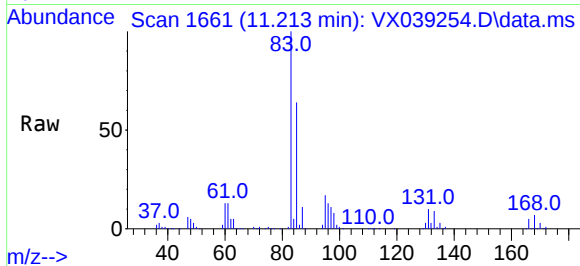
Tgt Ion:104 Resp: 221783
Ion Ratio Lower Upper
104 100
78 53.5 33.5 62.1



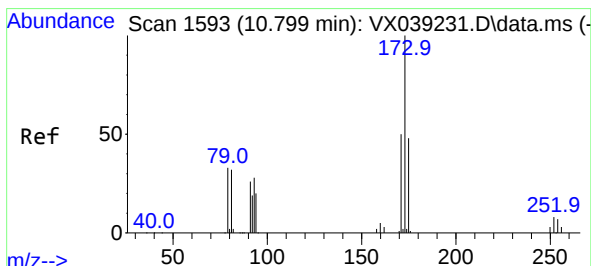
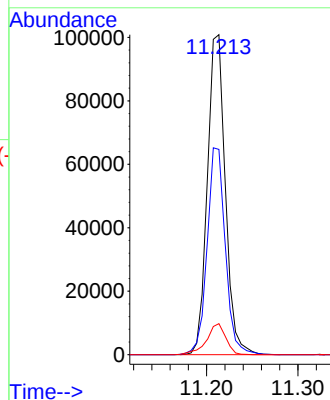
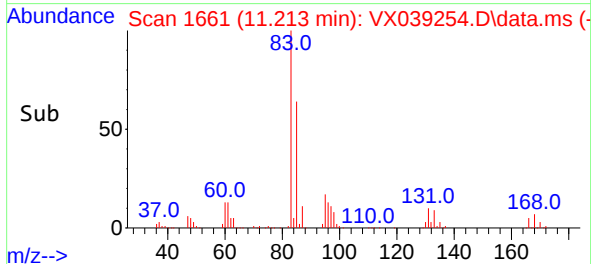


#57
1,1,2,2-Tetrachloroethane
Concen: 50.759 ug/L
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Instrument :
MSVOA_X
ClientSampleId :

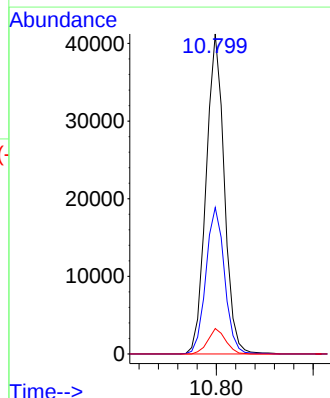
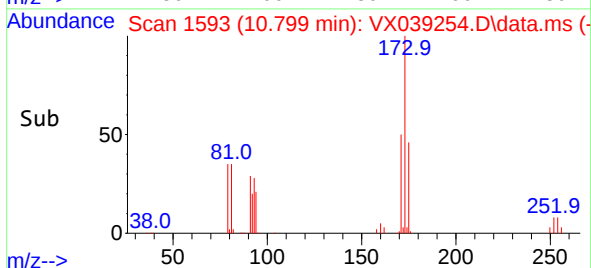
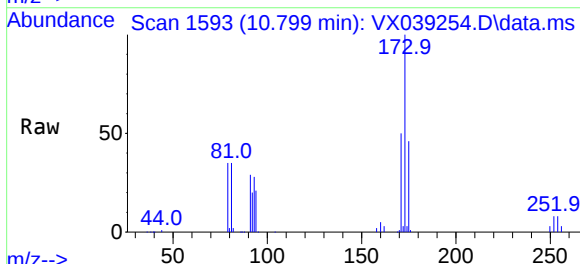


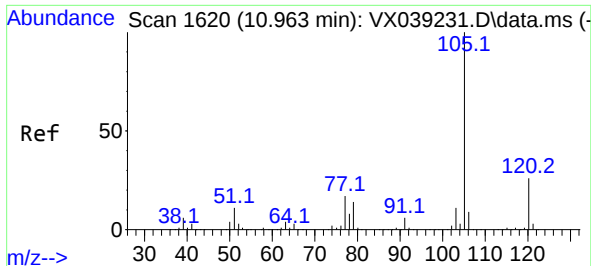
Tgt Ion: 83 Resp: 137624
Ion Ratio Lower Upper
83 100
85 64.2 45.2 84.0
131 9.7 7.2 10.8



#59
Bromoform
Concen: 47.463 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion:173 Resp: 53849
Ion Ratio Lower Upper
173 100
175 47.2 38.7 58.1
254 7.7 6.2 9.2

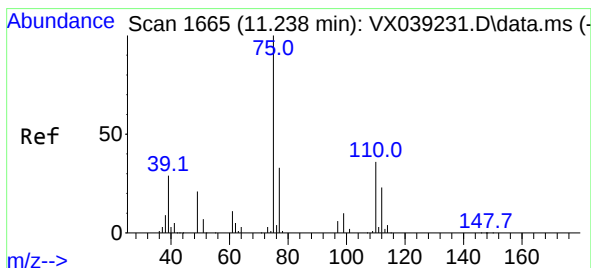
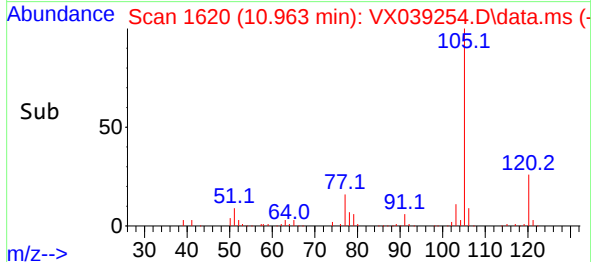
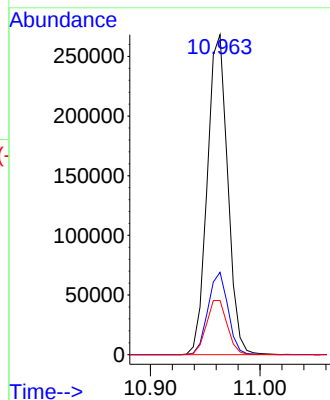
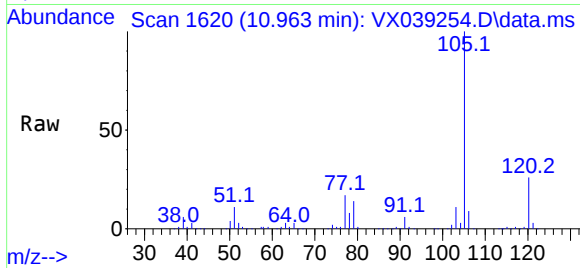




#60
Isopropylbenzene
Concen: 49.163 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

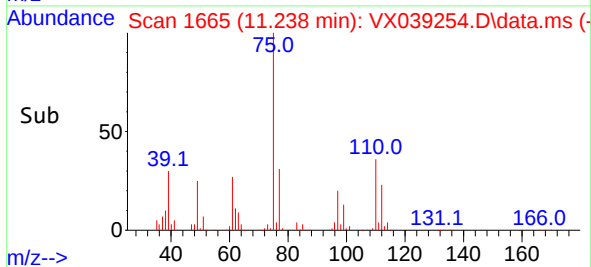
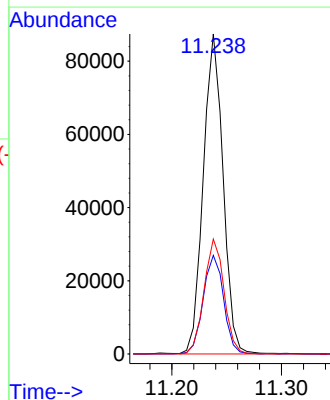
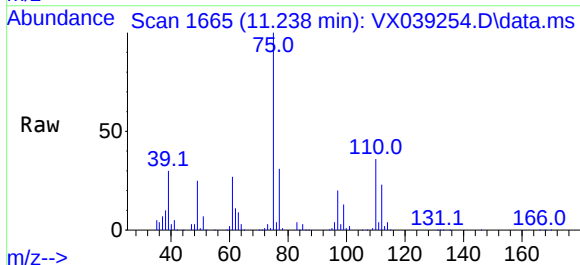
Instrument :
MSVOA_X
ClientSampleId :

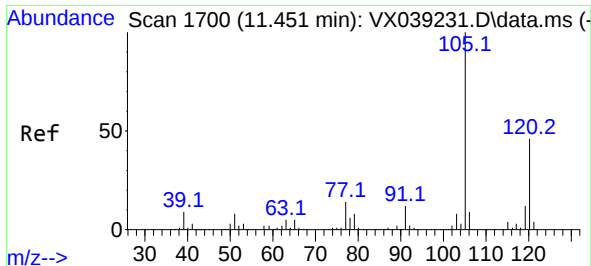
Tgt Ion:105 Resp: 346787
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 17.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 51.897 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion: 75 Resp: 109746
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
110 36.2 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 49.296 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

Instrument :

MSVOA_X

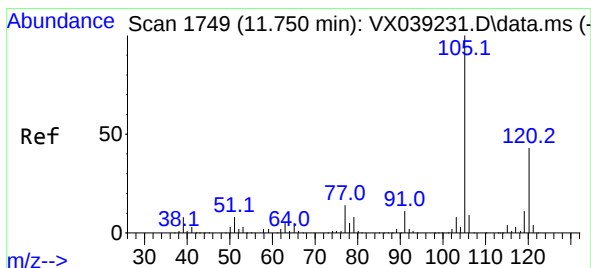
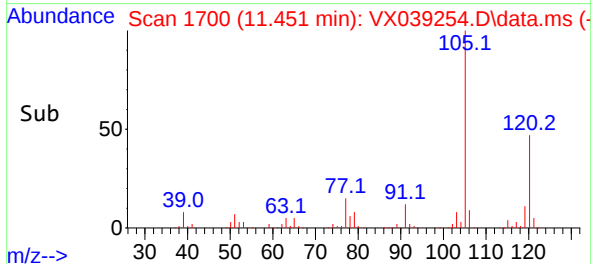
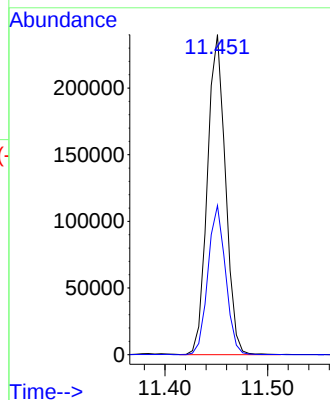
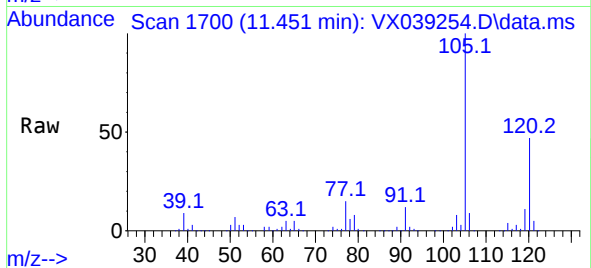
ClientSampleId :

Tgt Ion:105 Resp: 293564

Ion Ratio Lower Upper

105 100

120 45.4 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 49.223 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039254.D

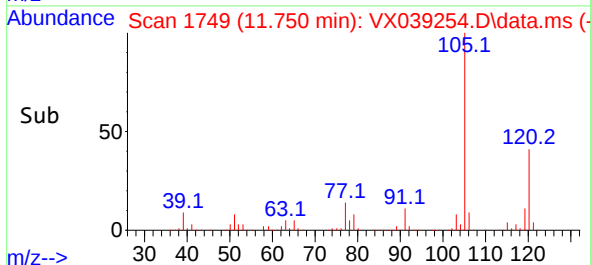
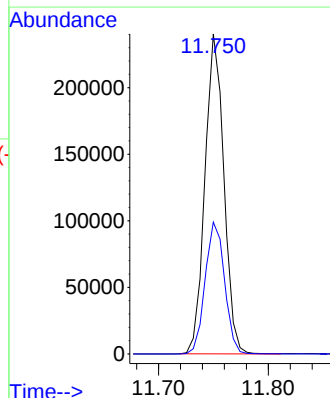
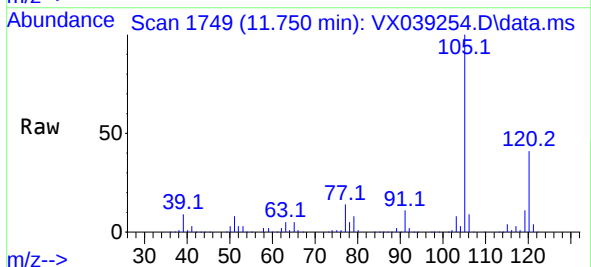
Acq: 16 Dec 2023 01:14

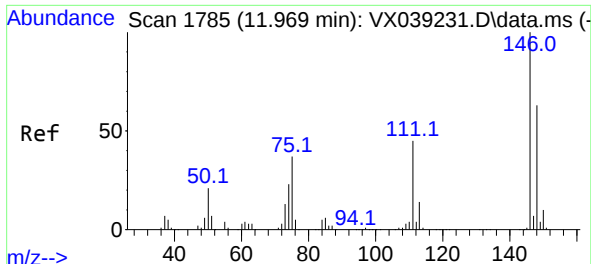
Tgt Ion:105 Resp: 287434

Ion Ratio Lower Upper

105 100

120 42.4 34.9 52.3

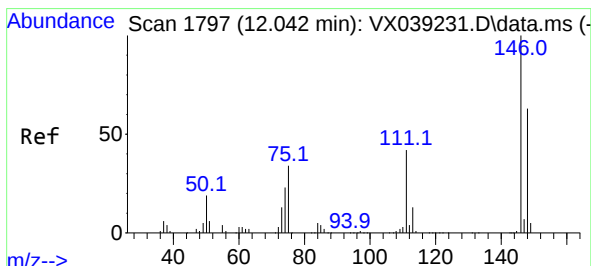
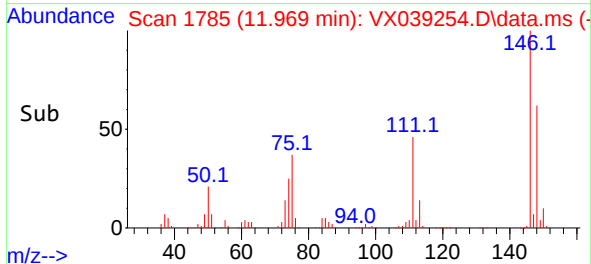
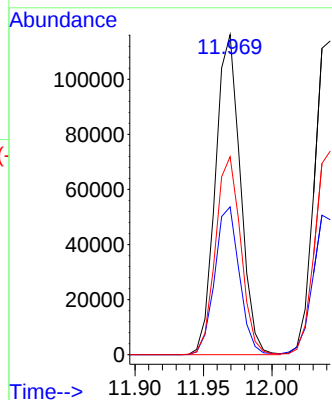
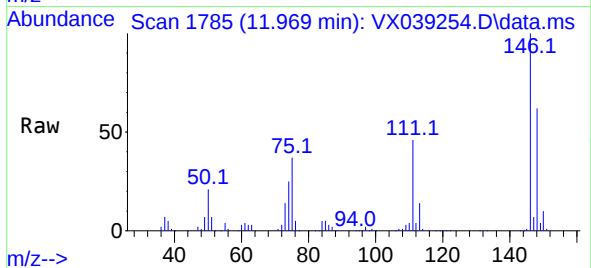




#64
1,3-Dichlorobenzene
Concen: 48.710 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

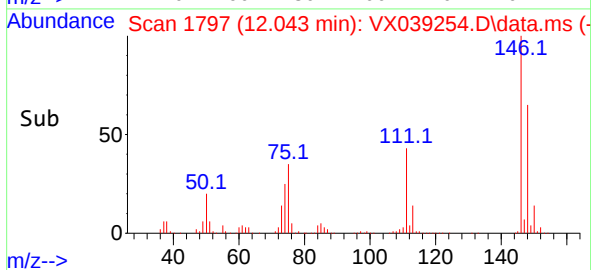
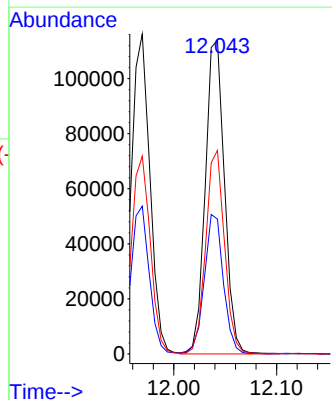
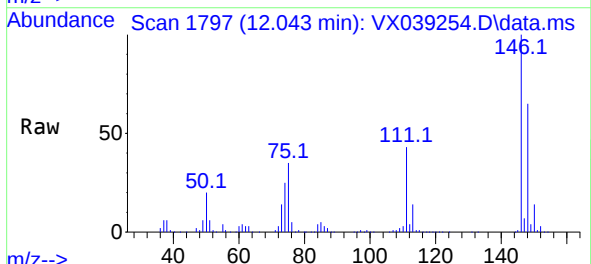
Instrument :
MSVOA_X
ClientSampleId :

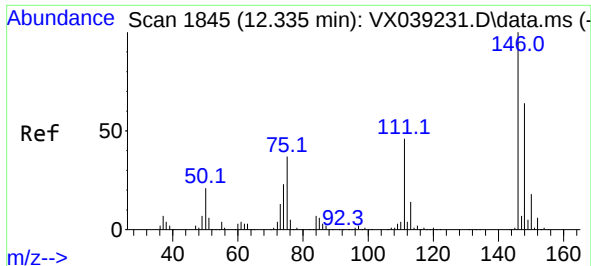
Tgt Ion:146 Resp: 147065
Ion Ratio Lower Upper
146 100
111 46.2 30.0 55.6
148 61.8 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 48.415 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion:146 Resp: 148122
Ion Ratio Lower Upper
146 100
111 43.0 29.7 55.1
148 64.9 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 49.022 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

Instrument :

MSVOA_X

ClientSampleId :

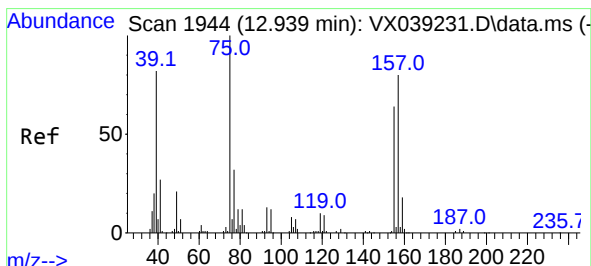
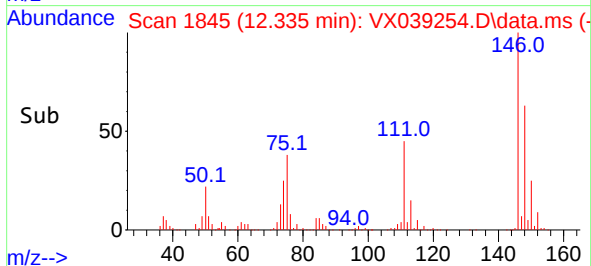
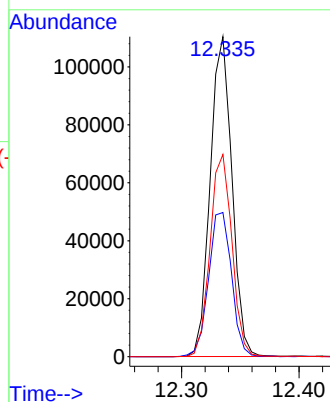
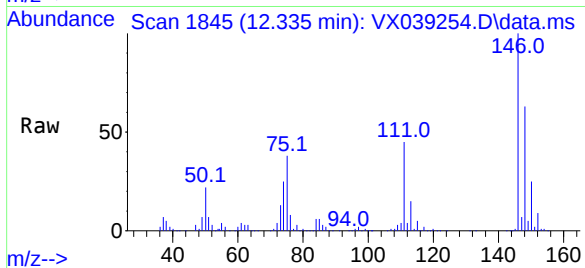
Tgt Ion:146 Resp: 141580

Ion Ratio Lower Upper

146 100

111 45.0 36.4 54.6

148 63.2 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 52.315 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

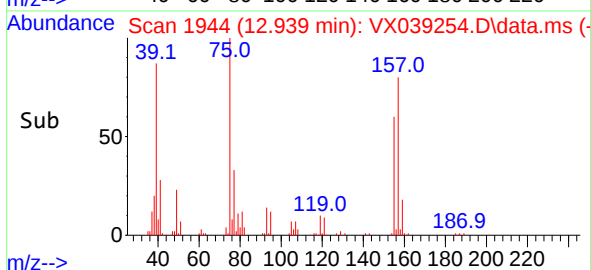
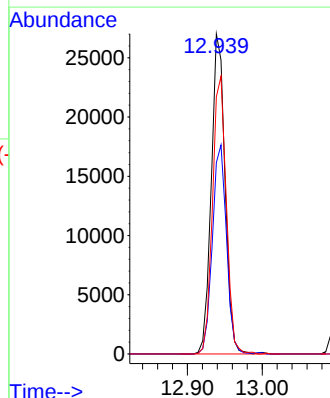
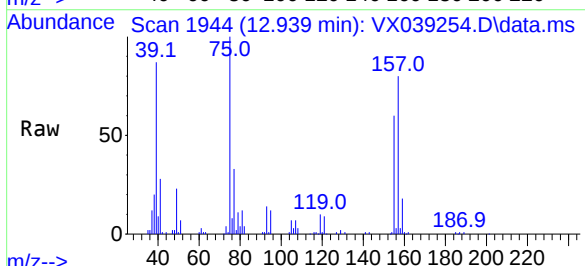
Tgt Ion: 75 Resp: 34527

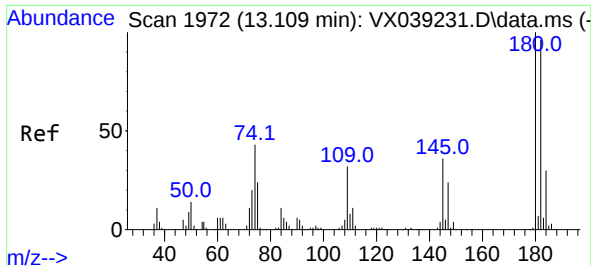
Ion Ratio Lower Upper

75 100

155 59.8 52.3 78.5

157 80.4 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 47.516 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 94873

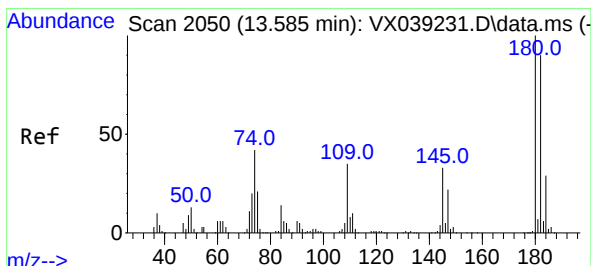
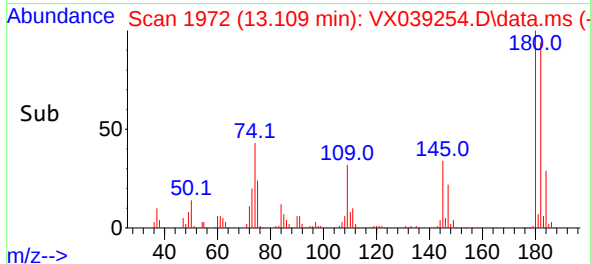
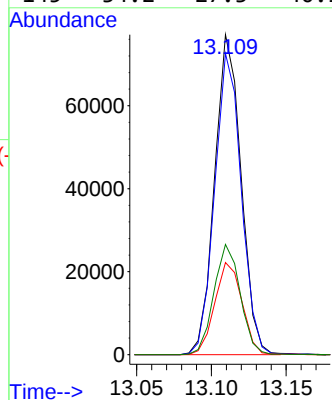
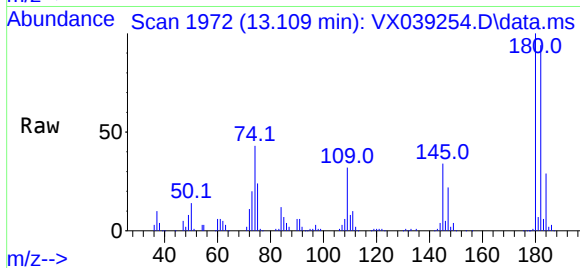
Ion Ratio Lower Upper

180 100

182 94.5 76.1 114.1

184 29.7 24.1 36.1

145 34.2 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 47.501 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039254.D

Acq: 16 Dec 2023 01:14

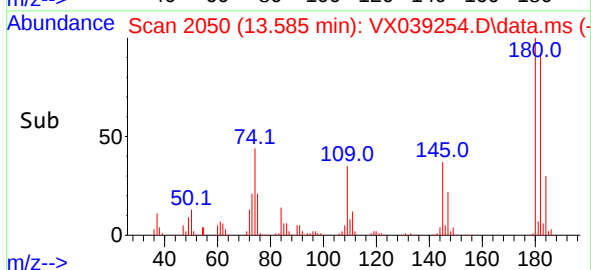
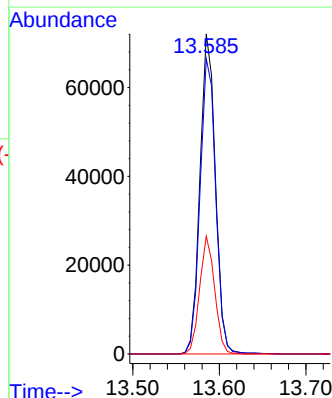
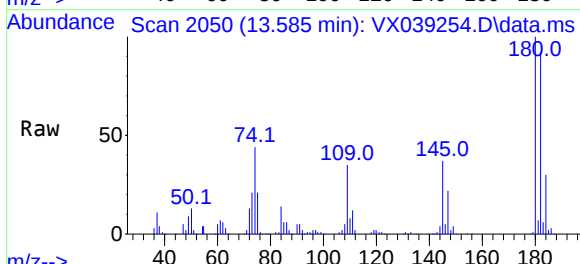
Tgt Ion:180 Resp: 89410

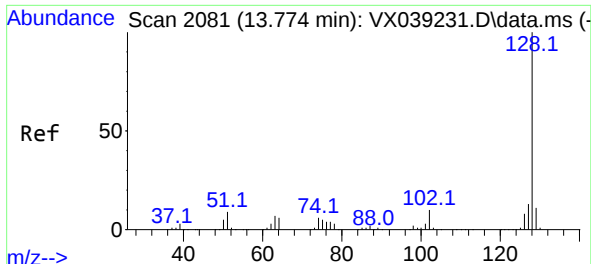
Ion Ratio Lower Upper

180 100

182 92.9 76.8 115.2

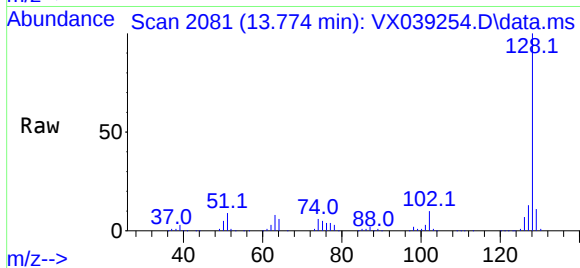
145 35.7 27.8 41.6



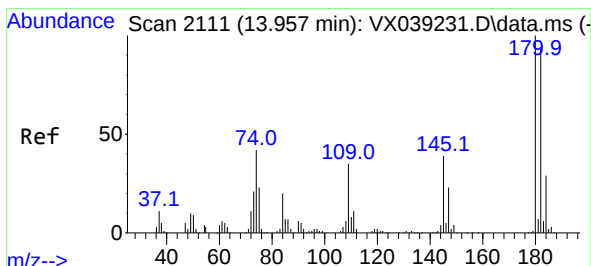
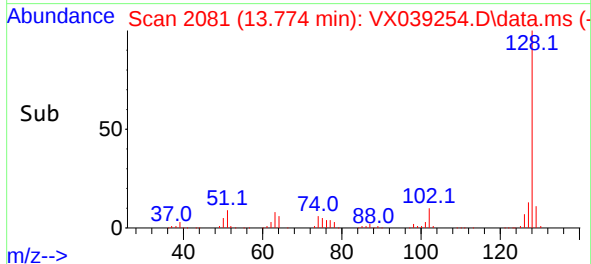
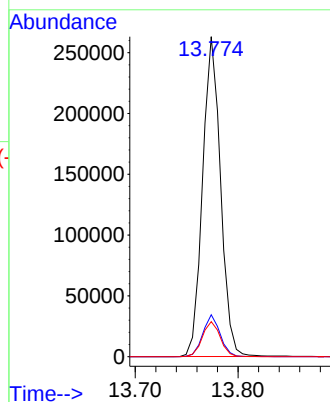


#71
Naphthalene
Concen: 49.647 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 320489
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.918 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039254.D
Acq: 16 Dec 2023 01:14

Tgt Ion:180 Resp: 87334
Ion Ratio Lower Upper
180 100
182 96.3 75.9 113.9
145 37.6 28.6 42.8

