

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039231.D
 Acq On : 15 Dec 2023 15:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:51:21 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	6.757	114	220600	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	203567	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	102135	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	72187	41.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.440%
7) Chloroethane-d5	1.666	69	55465	43.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.740%
11) 1,1-Dichloroethene-d2	2.306	65	35590	46.858	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.720%
21) 2-Butanone-d5	4.446	46	161739	103.266	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.270%
24) Chloroform-d	5.050	84	155041	50.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.240%
26) 1,2-Dichloroethane-d4	5.952	65	105686	53.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.560%
32) Benzene-d6	5.970	84	294586	46.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.780%
36) 1,2-Dichloropropane-d6	7.306	67	97002	47.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.960%
41) Toluene-d8	8.647	98	263525	46.286	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.580%
43) trans-1,3-Dichloroprop...	8.945	79	48206	46.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.700%
47) 2-Hexanone-d5	9.378	63	121007	100.207	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.210%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	144913	50.525	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.040%
66) 1,2-Dichlorobenzene-d4	12.317	152	93530	48.448	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	98455	55.964	ug/L	100
3) Chloromethane	1.294	50	93497	50.847	ug/L	99
5) Vinyl chloride	1.374	62	88159	48.646	ug/L	97
6) Bromomethane	1.605	94	49047	50.140	ug/L	95
8) Chloroethane	1.685	64	49966	48.768	ug/L	98
9) Trichlorofluoromethane	1.886	101	128078	54.531	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	83333	55.157	ug/L	98
12) 1,1-Dichloroethene	2.319	96	75492	53.121	ug/L	92
13) Acetone	2.373	43	143817	95.583	ug/L	94
14) Carbon disulfide	2.514	76	226989	50.194	ug/L	99
15) Methyl Acetate	2.697	43	113551	52.799	ug/L	99
16) Methylene chloride	2.788	84	85912	52.617	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	79057	52.798	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	277620	53.265	ug/L	97
19) 1,1-Dichloroethane	3.605	63	155835	52.634	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	89862	51.741	ug/L	97
22) 2-Butanone	4.550	43	179973	97.463	ug/L	100
23) Bromochloromethane	4.897	128	41889	51.308	ug/L	99
25) Chloroform	5.086	83	158876	53.800	ug/L	98

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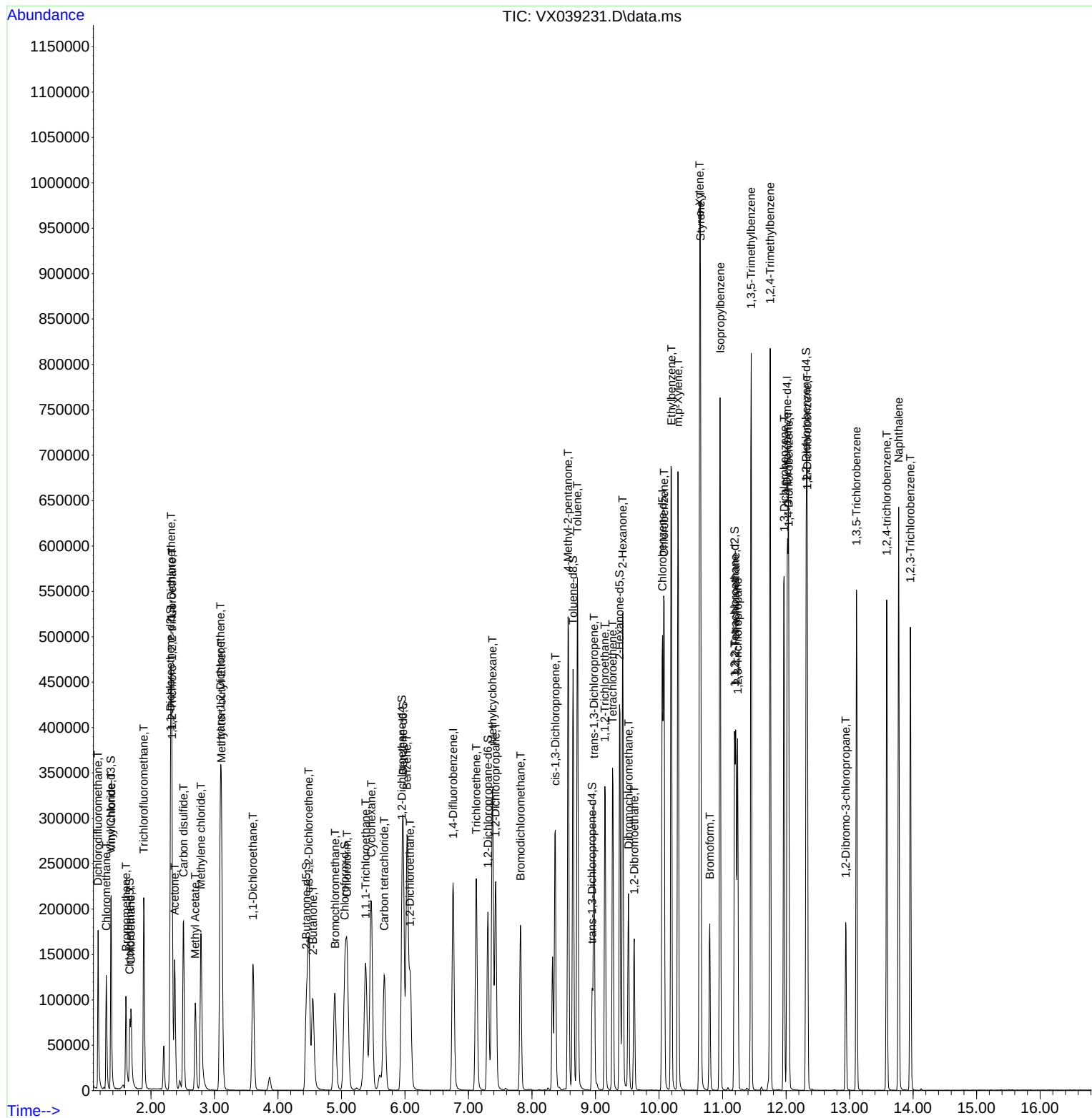
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	134533	57.721	ug/L #	94
29) Cyclohexane	5.470	56	148506	52.150	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	136840	55.403	ug/L	99
31) Carbon tetrachloride	5.672	117	109796	53.281	ug/L	99
33) Benzene	6.031	78	327160	50.572	ug/L	100
34) Trichloroethene	7.123	95	92301	53.988	ug/L	95
35) Methylcyclohexane	7.379	83	148496	52.152	ug/L	97
37) 1,2-Dichloropropane	7.427	63	93770	52.264	ug/L	100
38) Bromodichloromethane	7.818	83	116947	53.591	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	146922	51.344	ug/L	97
40) 4-Methyl-2-pentanone	8.567	43	314459	104.577	ug/L	99
42) Toluene	8.714	91	350895	51.150	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	139174	52.410	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	85246	51.846	ug/L	98
46) Tetrachloroethene	9.269	164	59139	52.437	ug/L	94
48) 2-Hexanone	9.427	43	269513	107.090	ug/L	99
49) Dibromochloromethane	9.519	129	83913	52.387	ug/L	96
50) 1,2-Dibromoethane	9.610	107	90581	51.423	ug/L	97
51) Chlorobenzene	10.079	112	220223	51.971	ug/L	99
52) Ethylbenzene	10.195	91	406835	53.048	ug/L	99
53) m,p-Xylene	10.299	106	147361	51.391	ug/L	96
54) o-Xylene	10.640	106	142222	51.690	ug/L	95
55) Styrene	10.652	104	245138	52.070	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.207	83	147892	51.540	ug/L	98
59) Bromoform	10.799	173	59408	49.492	ug/L	99
60) Isopropylbenzene	10.963	105	395693	53.020	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	118973	53.175	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	335692	53.279	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	332751	53.859	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	166668	52.176	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	167515	51.751	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	159260	52.120	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	38213	54.725	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	111554	52.806	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	105278	52.864	ug/L	98
71) Naphthalene	13.774	128	357462	52.338	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	100152	51.938	ug/L	98

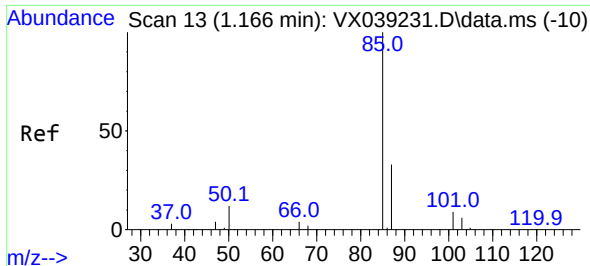
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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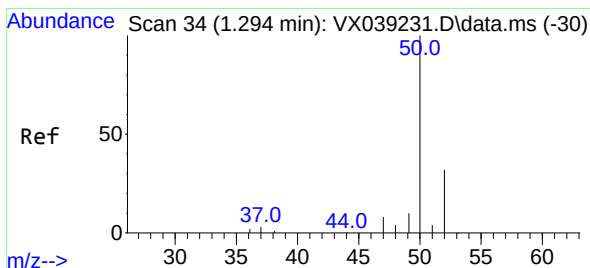
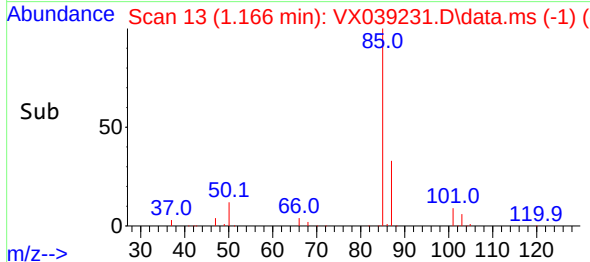
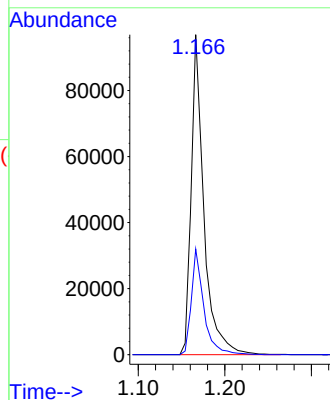
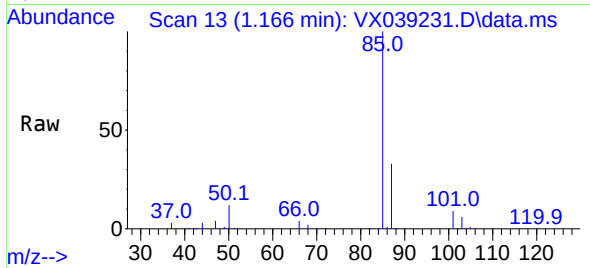




#2
 Dichlorodifluoromethane
 Concen: 55.964 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039231.D
 Acq: 15 Dec 2023 15:46

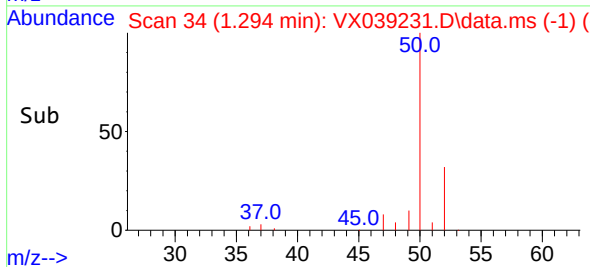
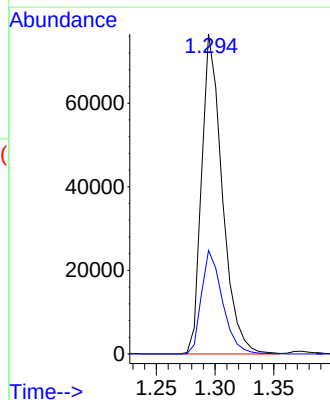
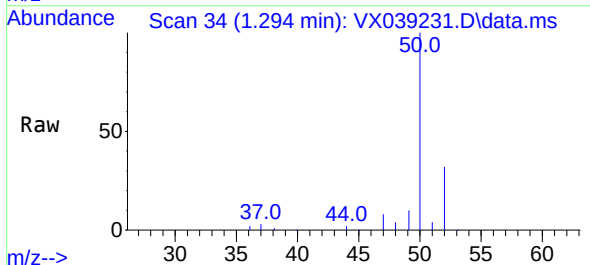
Instrument :
 MSVOA_X
 ClientSampleId :

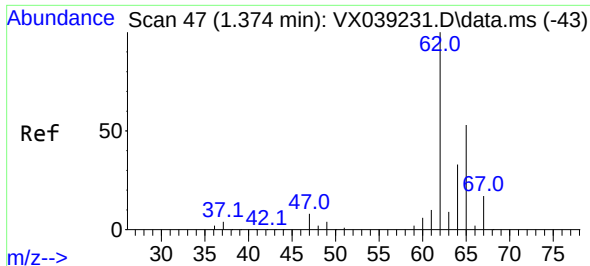
Tgt Ion: 85 Resp: 98455
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.4



#3
 Chloromethane
 Concen: 50.847 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX039231.D
 Acq: 15 Dec 2023 15:46

Tgt Ion: 50 Resp: 93497
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.4 41.6

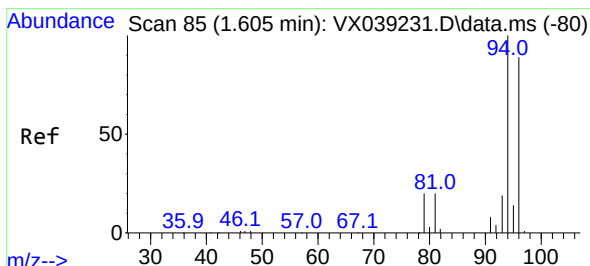
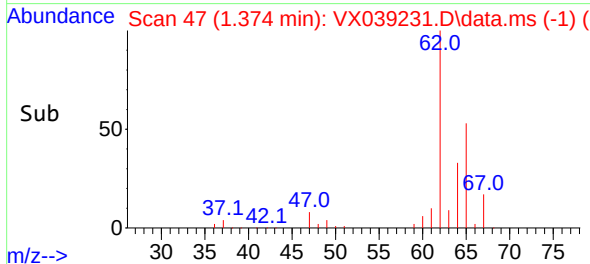
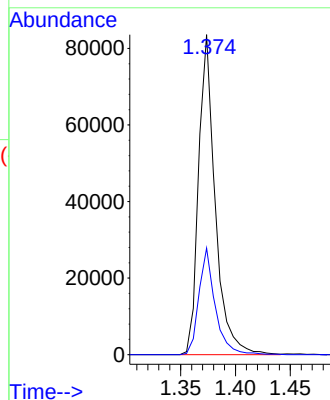
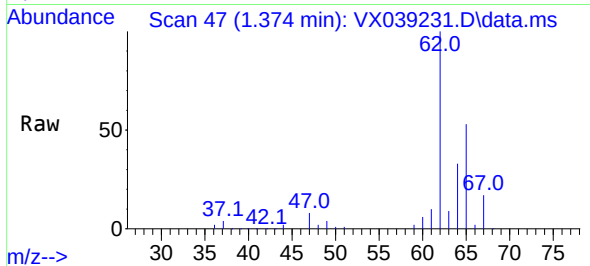




#5
 Vinyl chloride
 Concen: 48.646 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039231.D
 Acq: 15 Dec 2023 15:46

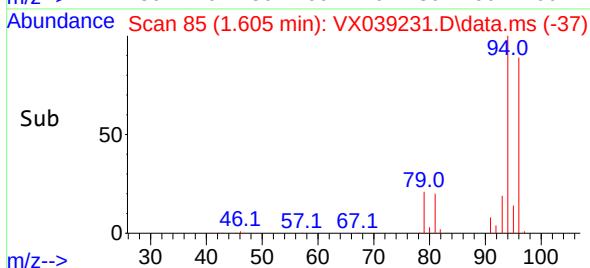
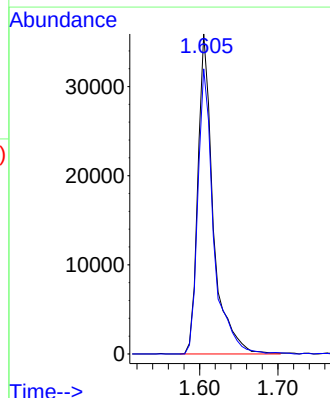
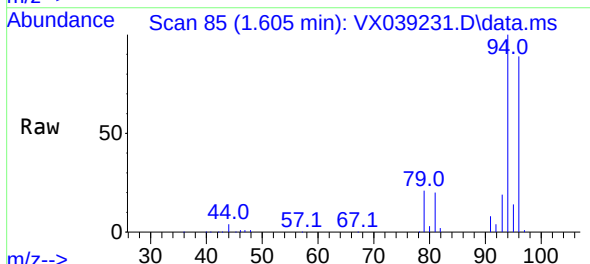
Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 62 Resp: 88159
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.3 41.3

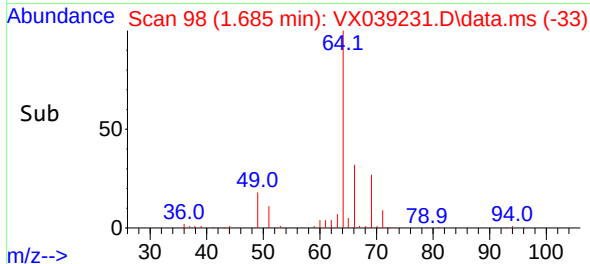
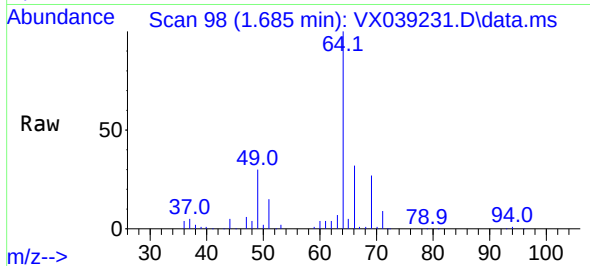
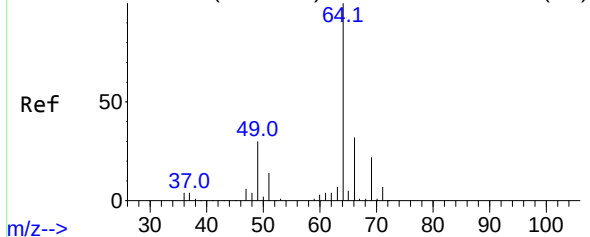


#6
 Bromomethane
 Concen: 50.140 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX039231.D
 Acq: 15 Dec 2023 15:46

Tgt Ion: 94 Resp: 49047
 Ion Ratio Lower Upper
 94 100
 96 89.1 65.8 122.2



Abundance Scan 98 (1.685 min): VX039231.D\data.ms (-92)



#8

Chloroethane

Concen: 48.768 ug/L

RT: 1.685 min Scan# 98

Delta R.T. -0.006 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Instrument :

MSVOA_X

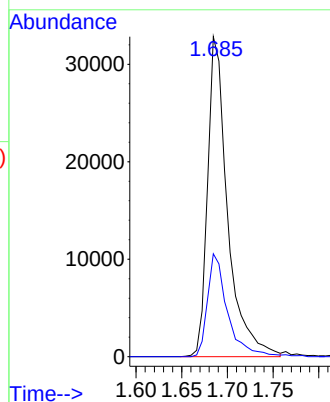
ClientSampleId :

Tgt Ion: 64 Resp: 49966

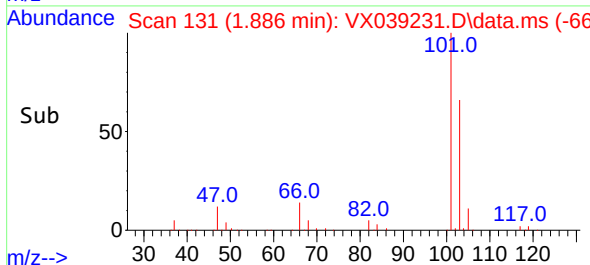
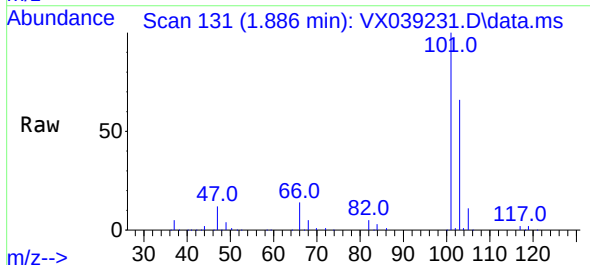
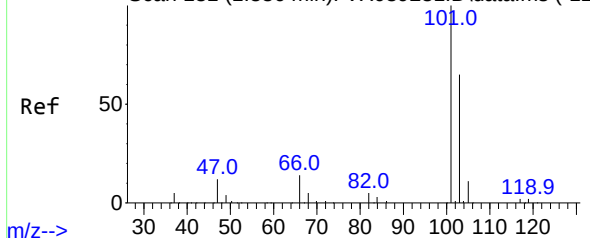
Ion Ratio Lower Upper

64 100

66 32.1 23.4 43.6



Abundance Scan 131 (1.886 min): VX039231.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 54.531 ug/L

RT: 1.886 min Scan# 131

Delta R.T. -0.006 min

Lab File: VX039231.D

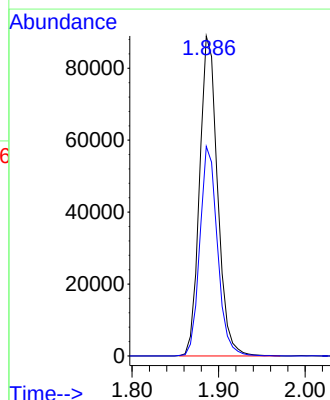
Acq: 15 Dec 2023 15:46

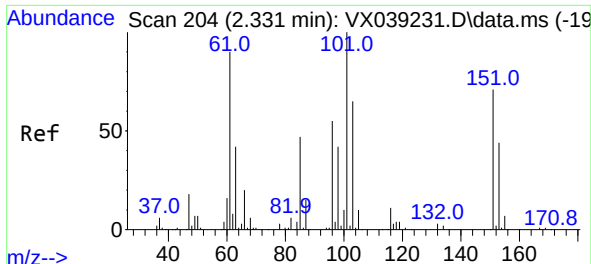
Tgt Ion:101 Resp: 128078

Ion Ratio Lower Upper

101 100

103 64.2 51.4 77.2

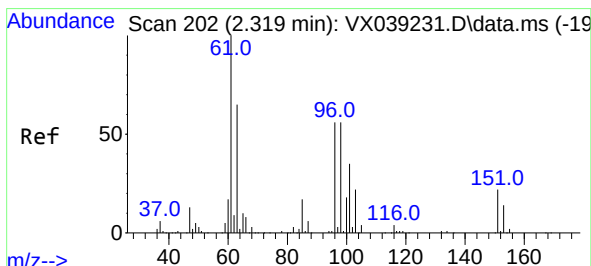
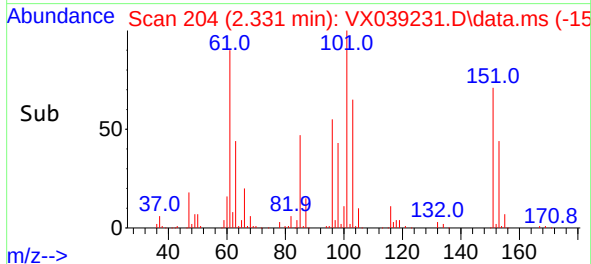
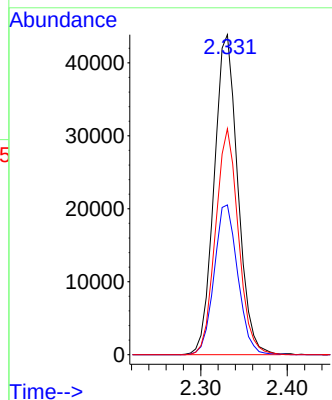
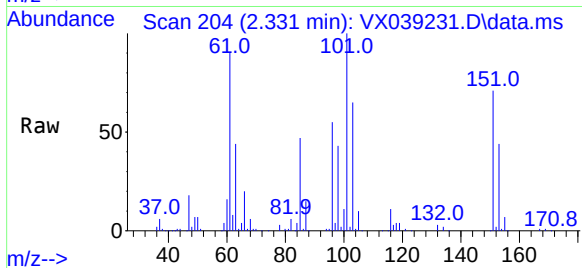




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 55.157 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

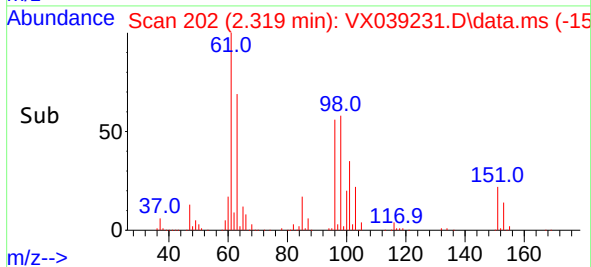
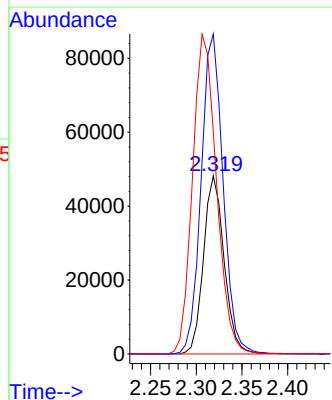
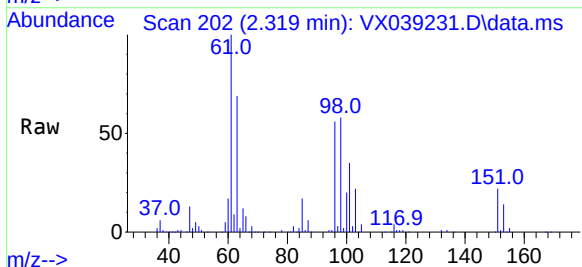
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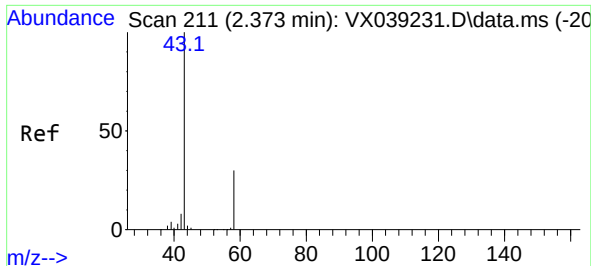
Tgt Ion:101 Resp: 83333
Ion Ratio Lower Upper
101 100
85 46.7 35.8 53.6
151 68.3 55.4 83.2



#12
1,1-Dichloroethene
Concen: 53.121 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Tgt Ion: 96 Resp: 75492
Ion Ratio Lower Upper
96 100
61 179.6 128.0 237.6
63 124.7 101.5 188.5





#13

Acetone

Concen: 95.583 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Instrument :

MSVOA_X

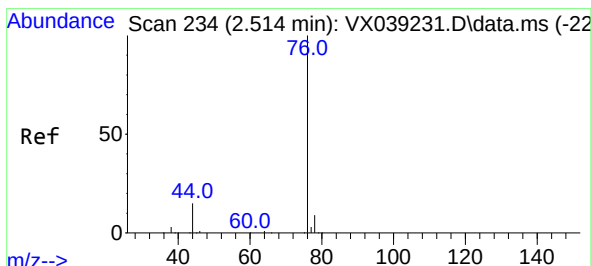
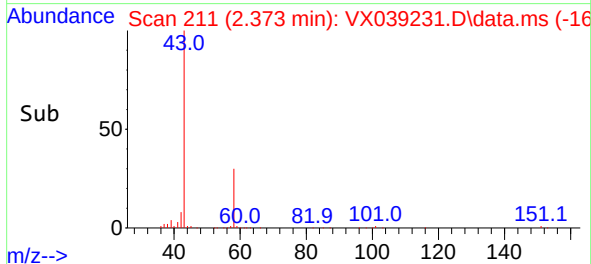
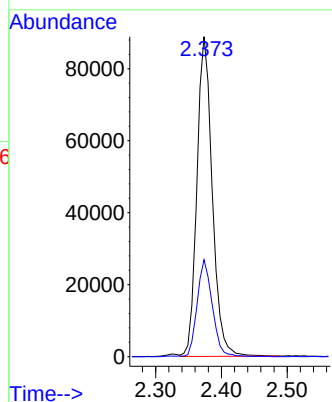
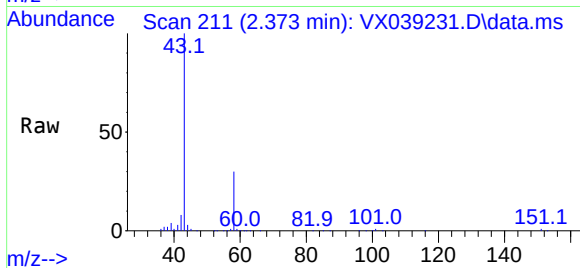
ClientSampleId :

Tgt Ion: 43 Resp: 143817

Ion Ratio Lower Upper

43 100

58 29.8 0.0 65.8



#14

Carbon disulfide

Concen: 50.194 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX039231.D

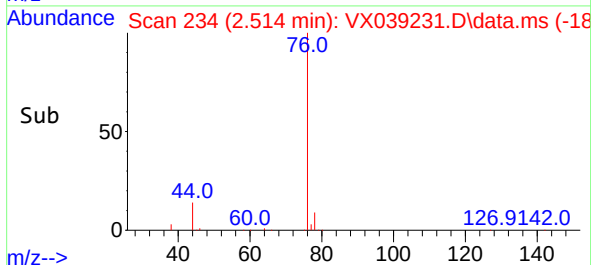
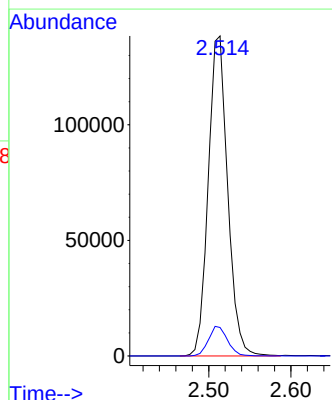
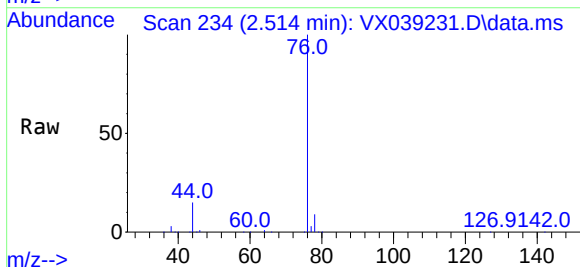
Acq: 15 Dec 2023 15:46

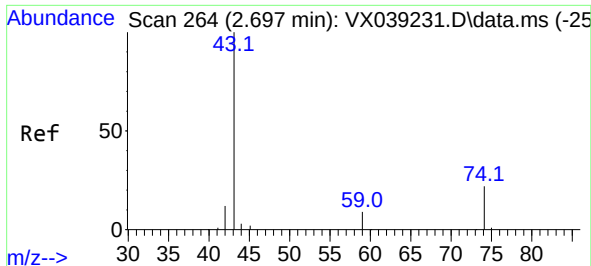
Tgt Ion: 76 Resp: 226989

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

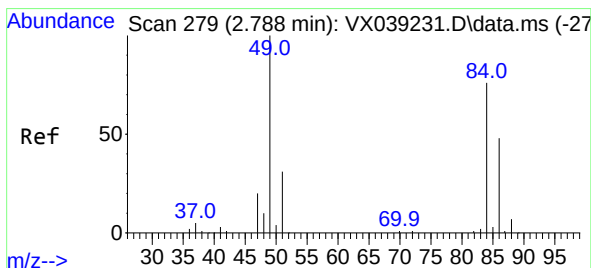
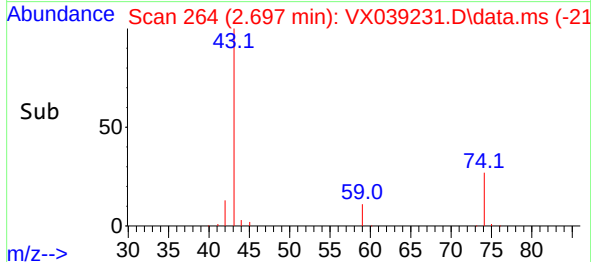
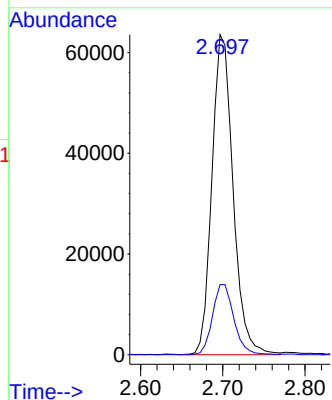
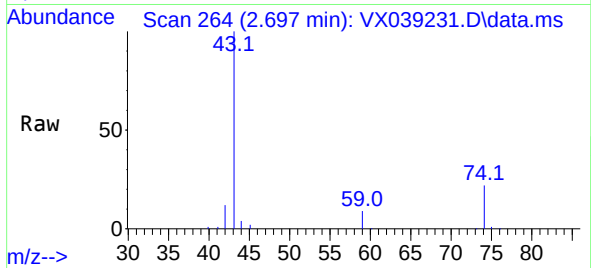




#15
Methyl Acetate
Concen: 52.799 ug/L
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

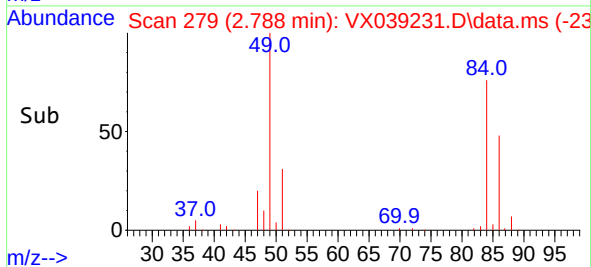
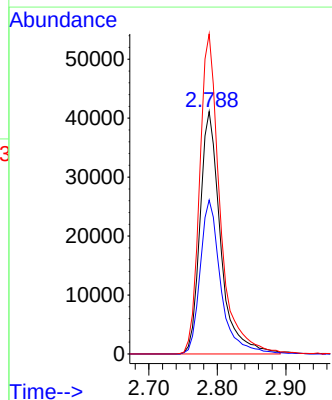
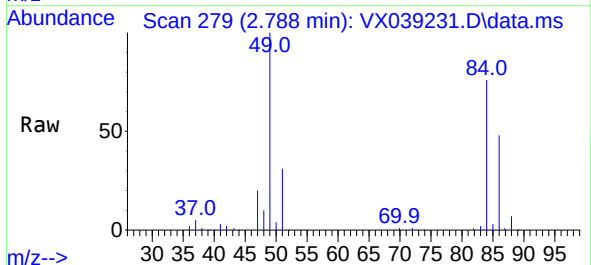
Instrument :
MSVOA_X
ClientSampleId :

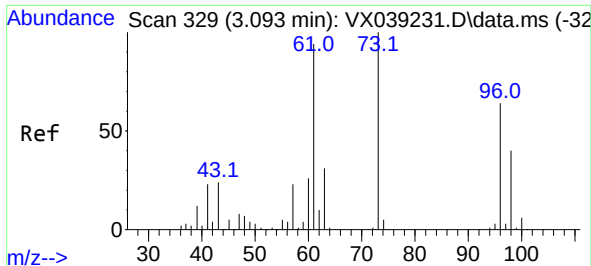
Tgt Ion: 43 Resp: 113551
Ion Ratio Lower Upper
43 100
74 22.1 18.2 27.4



#16
Methylene chloride
Concen: 52.617 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Tgt Ion: 84 Resp: 85912
Ion Ratio Lower Upper
84 100
86 63.5 44.7 82.9
49 132.0 90.9 168.7

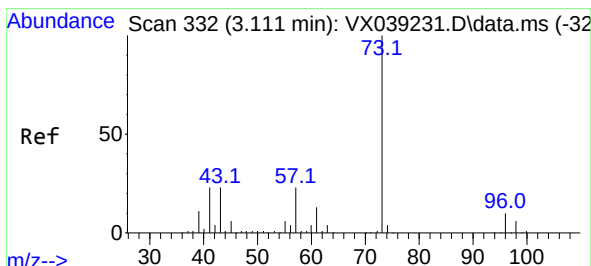
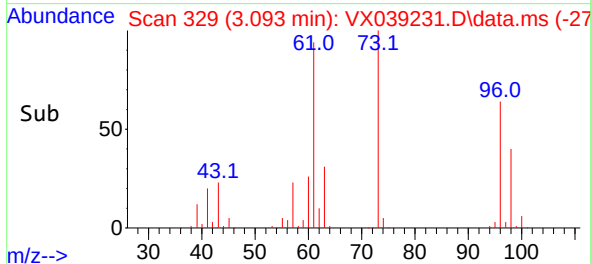
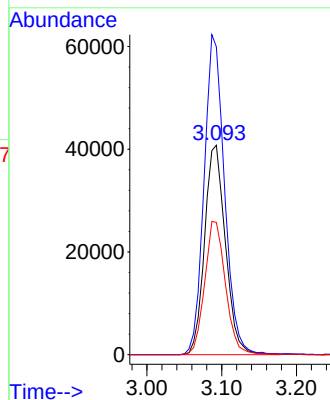
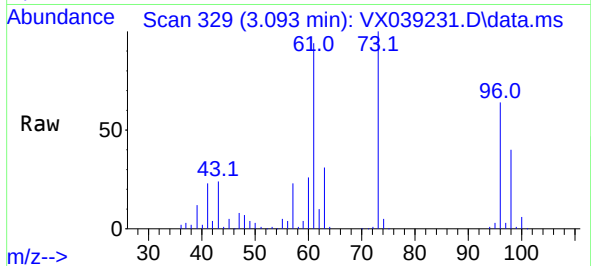




#17
trans-1,2-Dichloroethene
Concen: 52.798 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

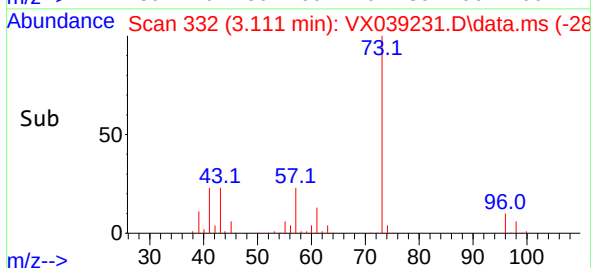
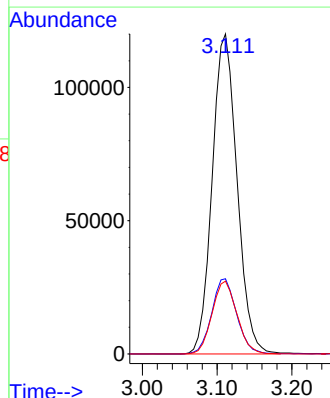
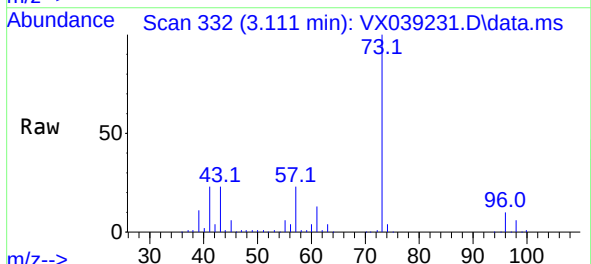
Instrument :
MSVOA_X
ClientSampleId :

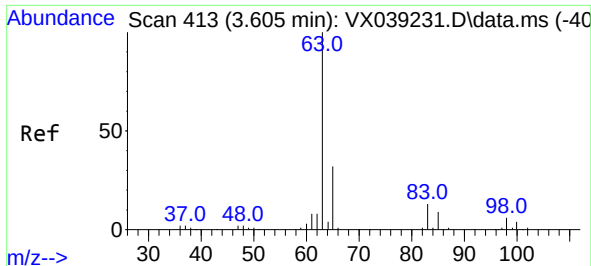
Tgt Ion: 96 Resp: 79057
Ion Ratio Lower Upper
96 100
61 146.9 99.8 185.3
98 63.2 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 53.265 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Tgt Ion: 73 Resp: 277620
Ion Ratio Lower Upper
73 100
43 23.6 16.9 25.3
57 22.7 18.5 27.7





#19

1,1-Dichloroethane

Concen: 52.634 ug/L

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Instrument :

MSVOA_X

ClientSampleId :

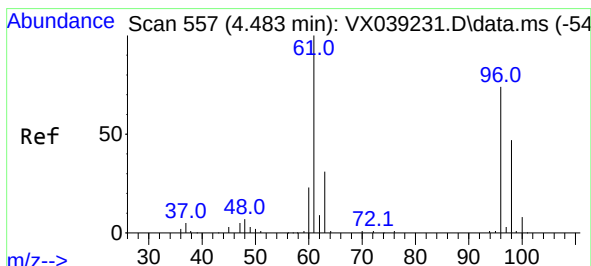
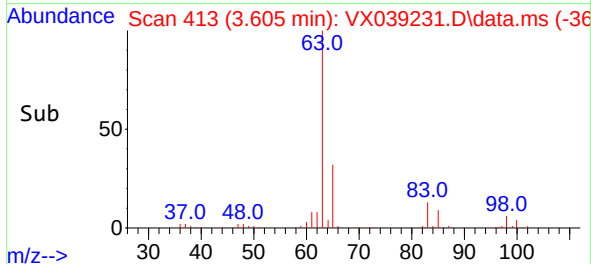
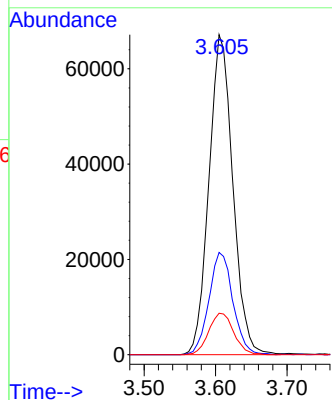
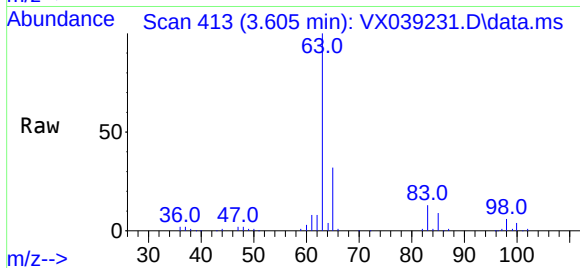
Tgt Ion: 63 Resp: 155835

Ion Ratio Lower Upper

63 100

65 31.9 21.1 39.3

83 13.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 51.741 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

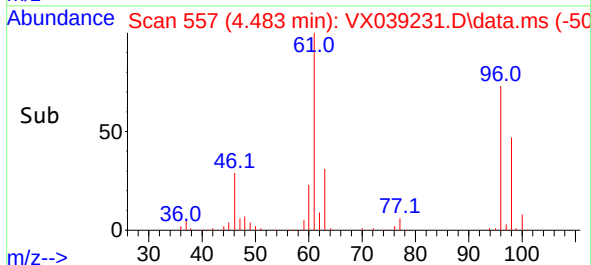
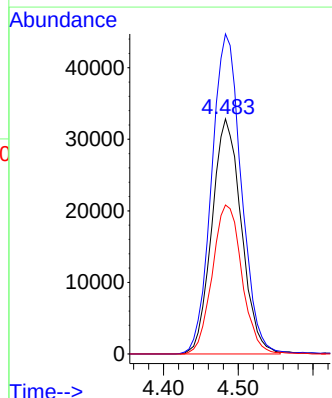
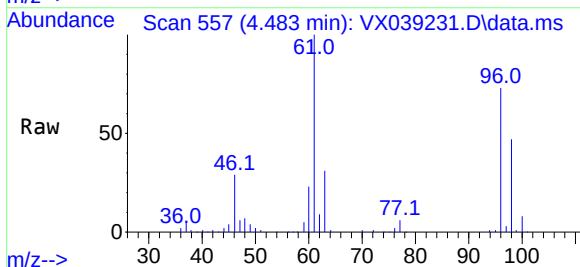
Tgt Ion: 96 Resp: 89862

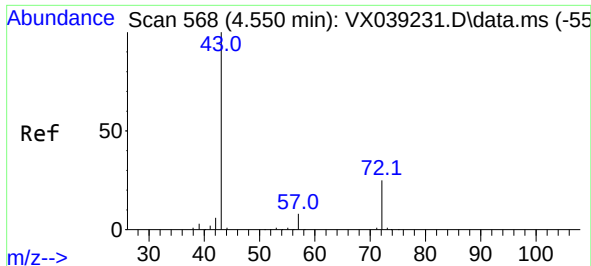
Ion Ratio Lower Upper

96 100

61 136.1 91.7 170.3

98 63.3 44.2 82.2





#22

2-Butanone

Concen: 97.463 ug/L

RT: 4.550 min Scan# 568

Delta R.T. 0.006 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Instrument :

MSVOA_X

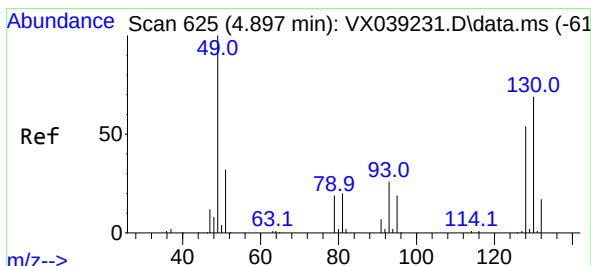
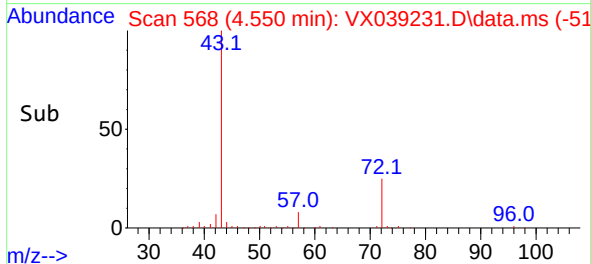
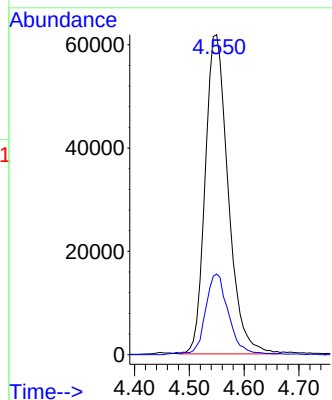
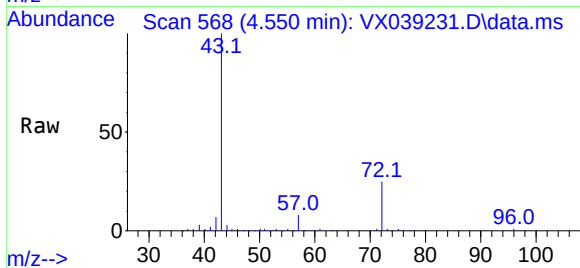
ClientSampleId :

Tgt Ion: 43 Resp: 179973

Ion Ratio Lower Upper

43 100

72 25.0 12.6 37.6



#23

Bromochloromethane

Concen: 51.308 ug/L

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Tgt Ion:128 Resp: 41889

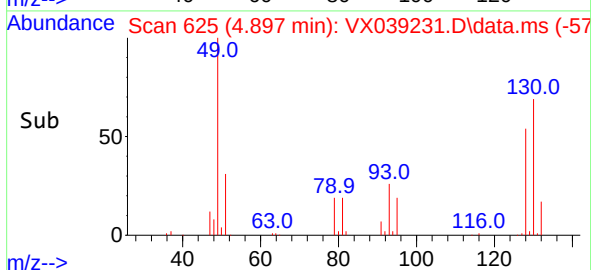
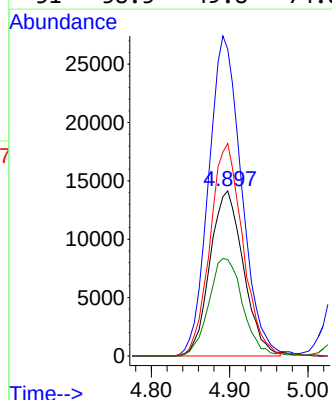
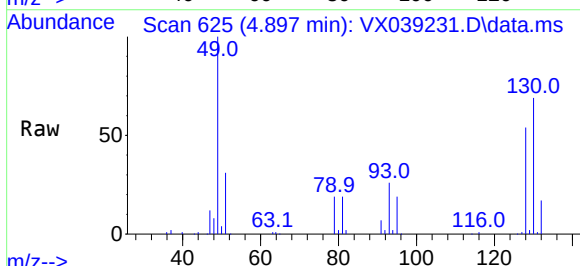
Ion Ratio Lower Upper

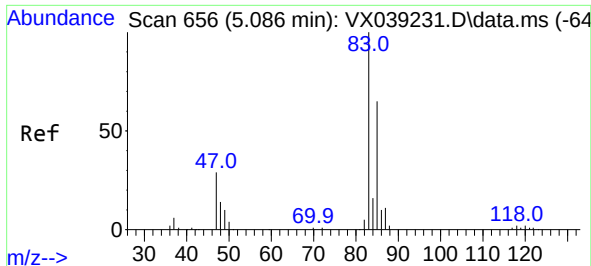
128 100

49 185.8 130.8 243.0

130 128.7 90.6 168.3

51 58.5 49.8 74.8





#25

Chloroform

Concen: 53.800 ug/L

RT: 5.086 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Instrument :

MSVOA_X

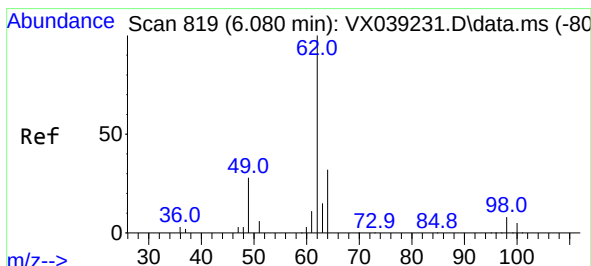
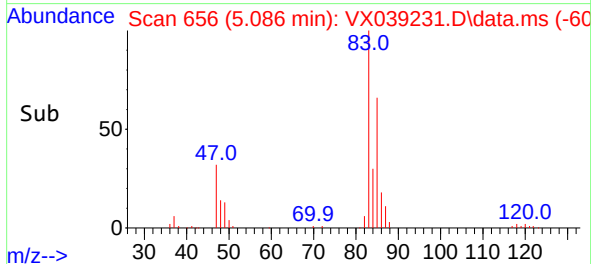
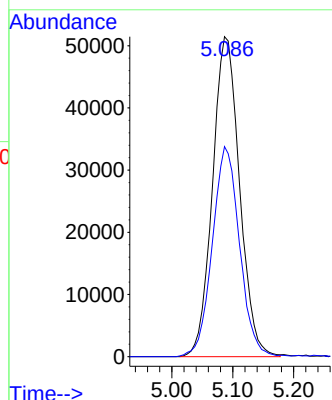
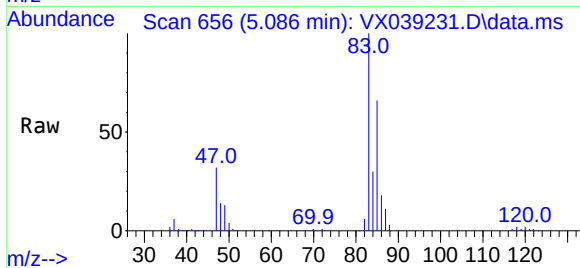
ClientSampleId :

Tgt Ion: 83 Resp: 158876

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 57.721 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX039231.D

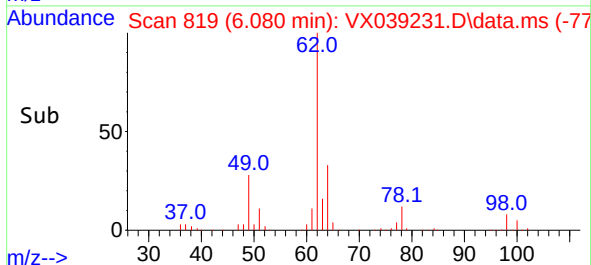
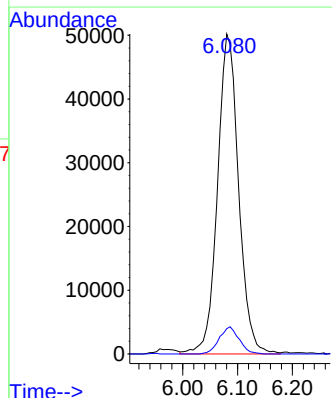
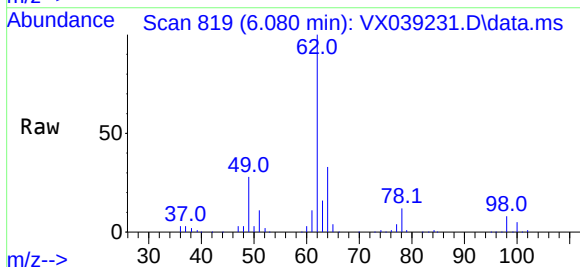
Acq: 15 Dec 2023 15:46

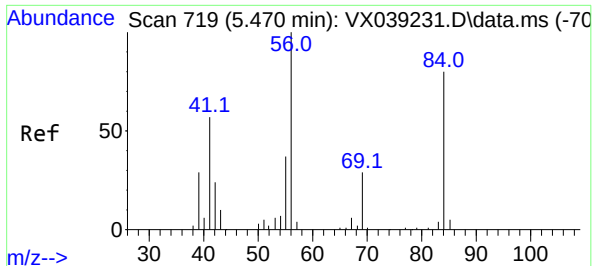
Tgt Ion: 62 Resp: 134533

Ion Ratio Lower Upper

62 100

98 7.9 8.0 12.0#





#29

Cyclohexane

Concen: 52.150 ug/L

RT: 5.470 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Instrument :

MSVOA_X

ClientSampleId :

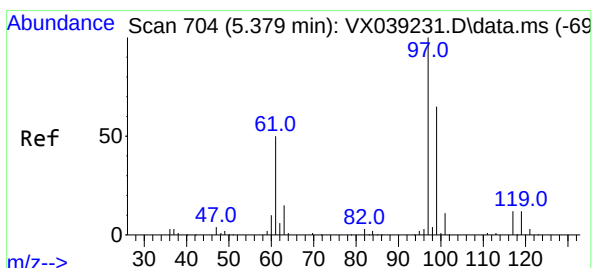
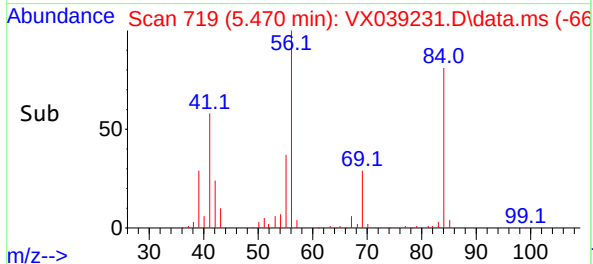
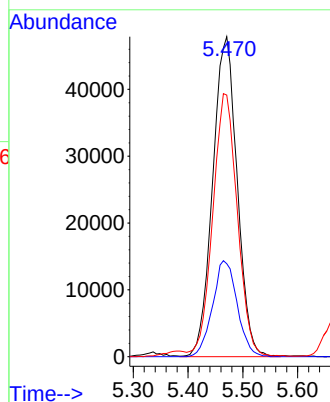
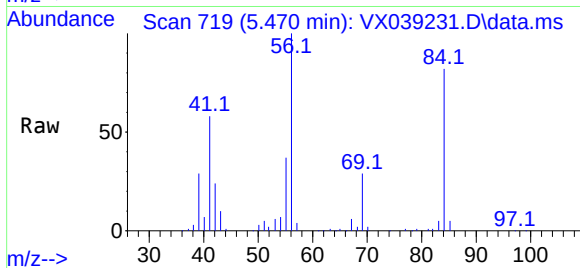
Tgt Ion: 56 Resp: 148506

Ion Ratio Lower Upper

56 100

69 30.2 24.5 36.7

84 82.2 67.0 100.4



#30

1,1,1-Trichloroethane

Concen: 55.403 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

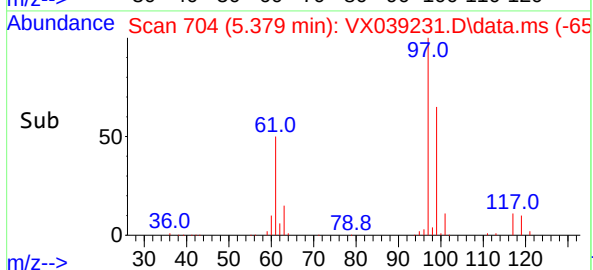
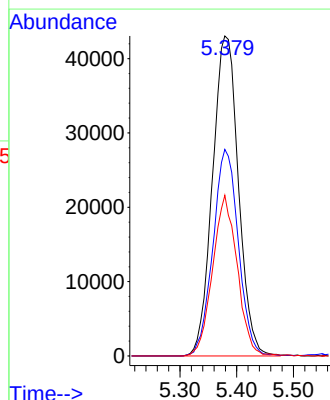
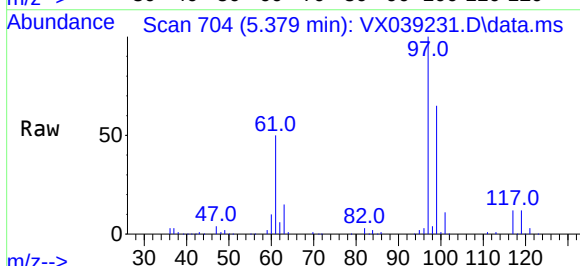
Tgt Ion: 97 Resp: 136840

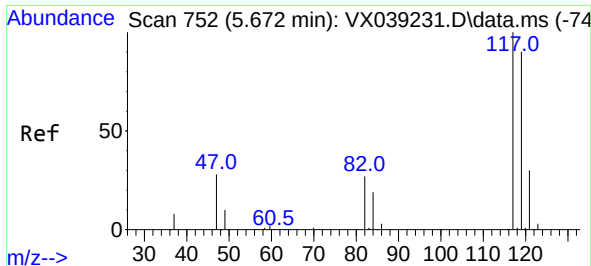
Ion Ratio Lower Upper

97 100

99 63.1 51.0 76.4

61 47.3 36.7 55.1

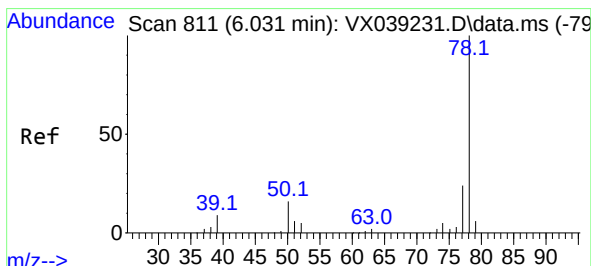
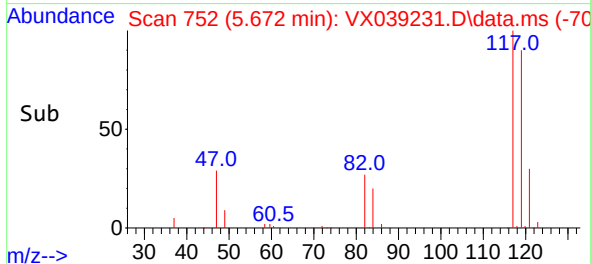
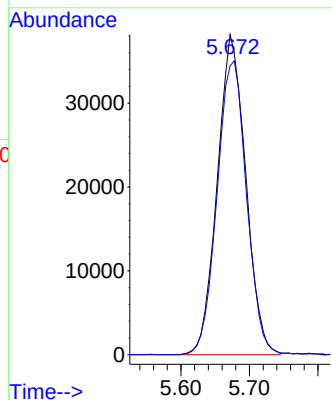
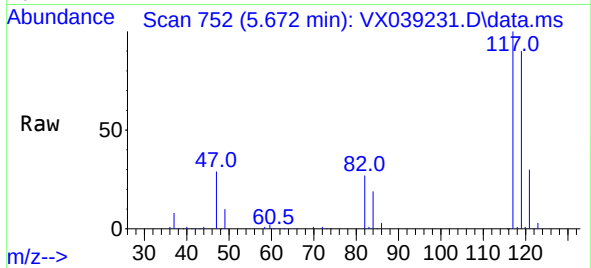




#31
Carbon tetrachloride
Concen: 53.281 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

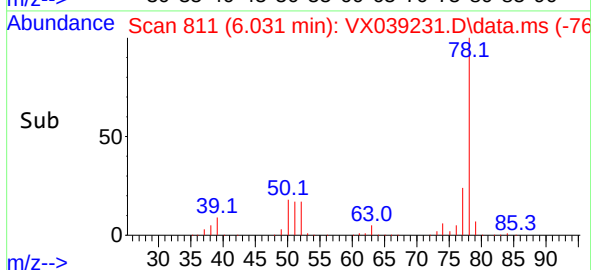
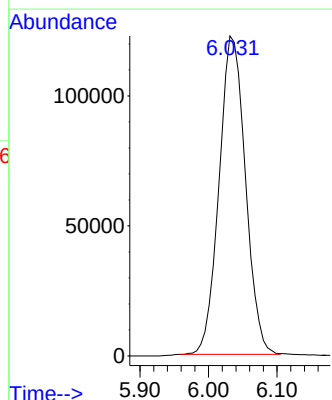
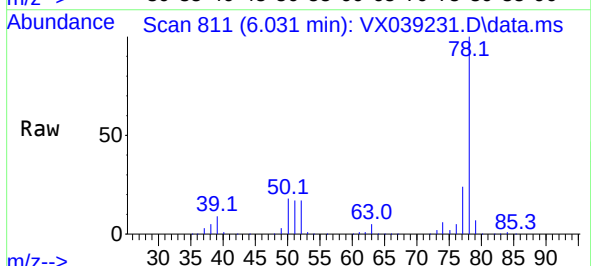
Instrument :
MSVOA_X
ClientSampleId :

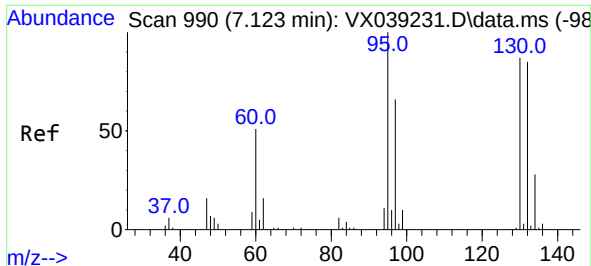
Tgt Ion:117 Resp: 109796
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.4



#33
Benzene
Concen: 50.572 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

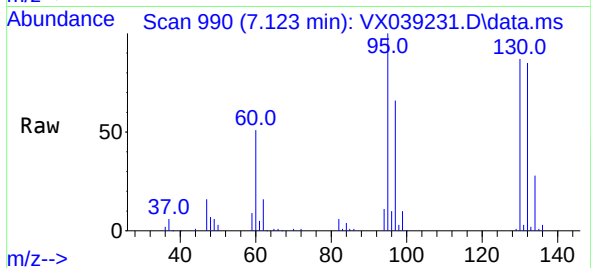
Tgt Ion: 78 Resp: 327160



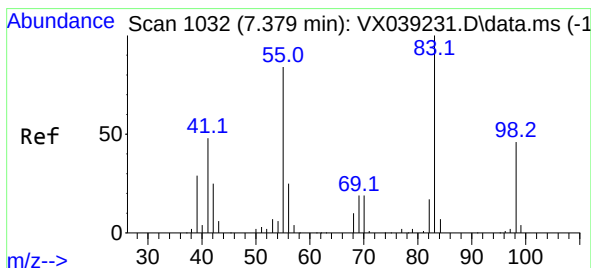
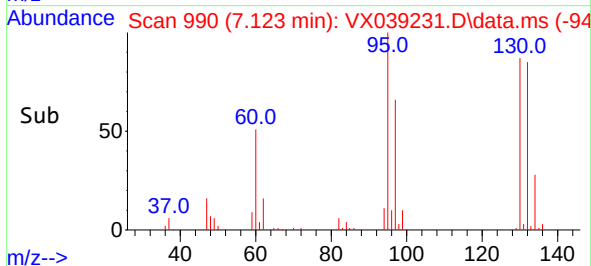
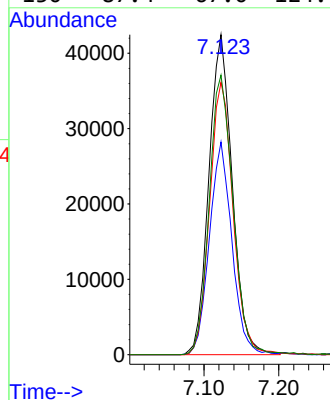


#34
Trichloroethene
Concen: 53.988 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Instrument :
MSVOA_X
ClientSampleId :

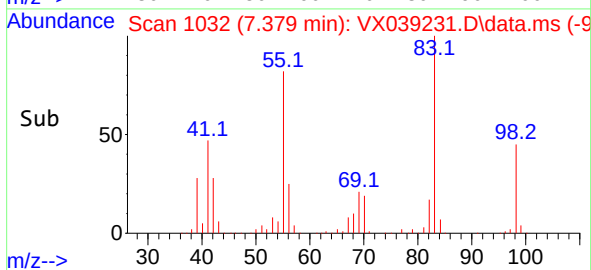
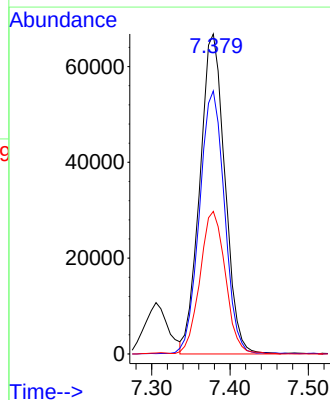
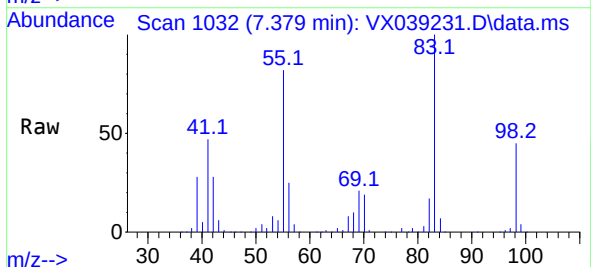


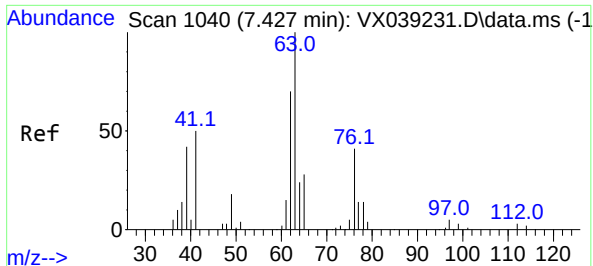
Tgt Ion: 95 Resp: 92301
Ion Ratio Lower Upper
95 100
97 66.4 45.5 84.5
132 85.1 62.2 115.4
130 87.4 67.0 124.4



#35
Methylcyclohexane
Concen: 52.152 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Tgt Ion: 83 Resp: 148496
Ion Ratio Lower Upper
83 100
55 81.8 62.5 93.7
98 45.0 36.1 54.1

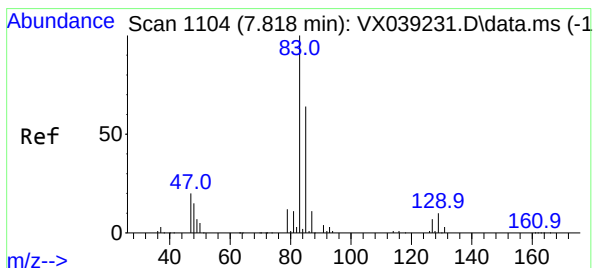
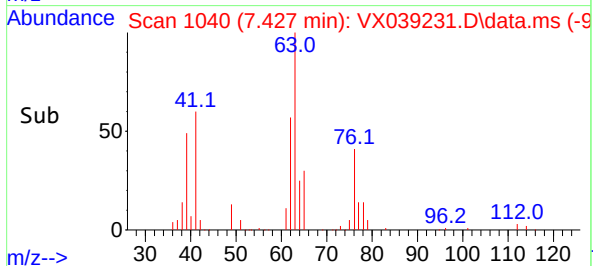
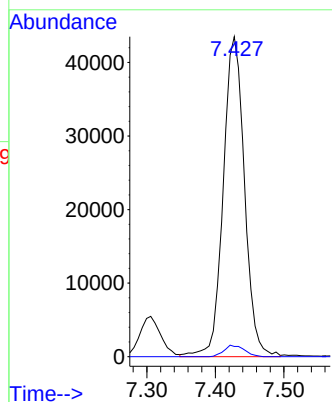
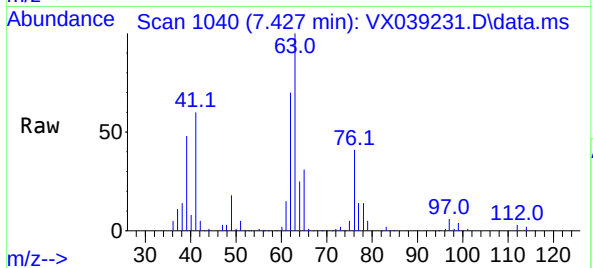




#37
1,2-Dichloropropane
Concen: 52.264 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

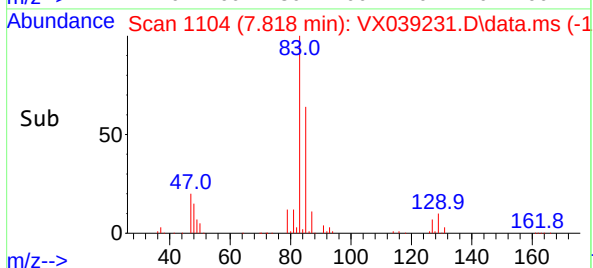
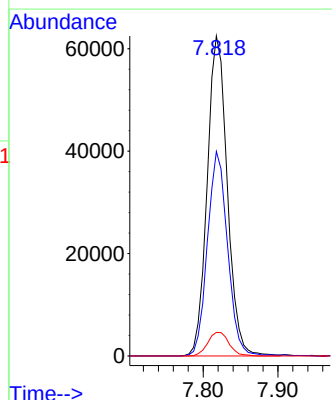
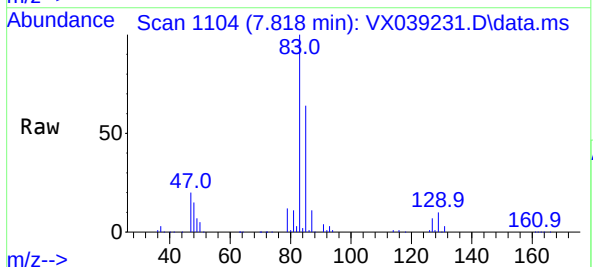
Instrument :
MSVOA_X
ClientSampleId :

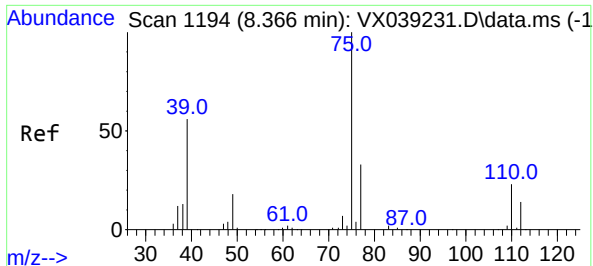
Tgt Ion: 63 Resp: 93770
Ion Ratio Lower Upper
63 100
112 3.4 2.8 4.2



#38
Bromodichloromethane
Concen: 53.591 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Tgt Ion: 83 Resp: 116947
Ion Ratio Lower Upper
83 100
85 63.9 43.3 80.5
127 7.3 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 51.344 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Instrument :

MSVOA_X

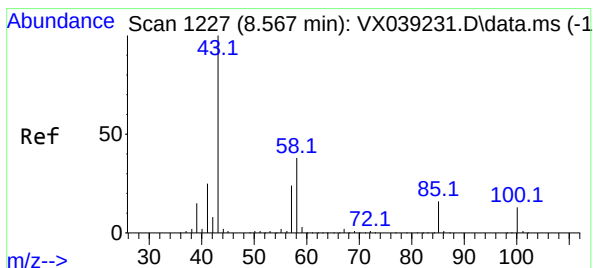
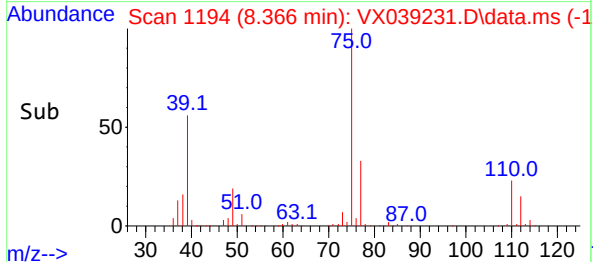
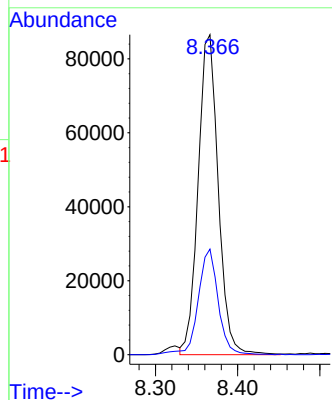
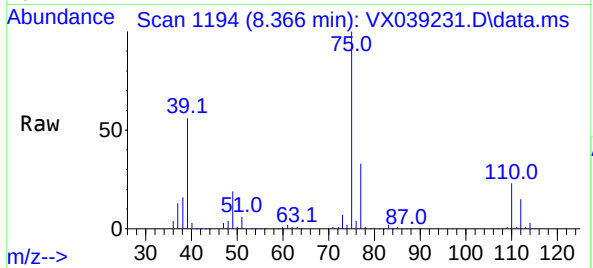
ClientSampleId :

Tgt Ion: 75 Resp: 146922

Ion Ratio Lower Upper

75 100

77 33.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 104.577 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

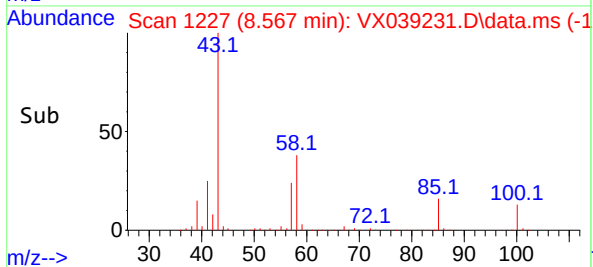
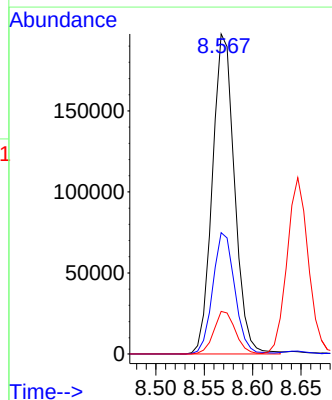
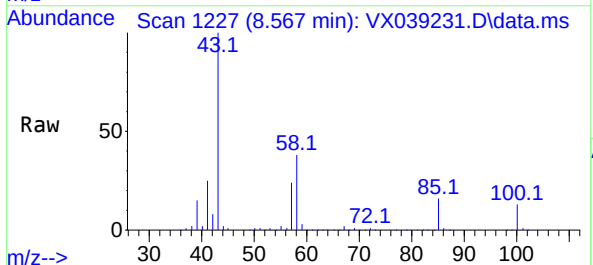
Tgt Ion: 43 Resp: 314459

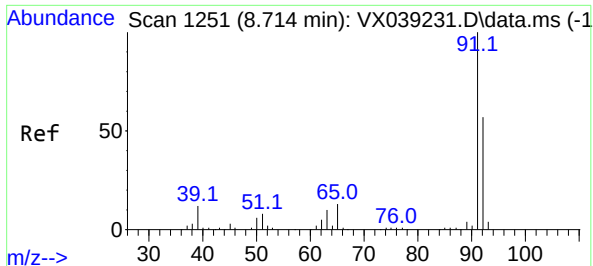
Ion Ratio Lower Upper

43 100

58 37.7 30.9 46.3

100 13.0 10.6 16.0





#42

Toluene

Concen: 51.150 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Instrument :

MSVOA_X

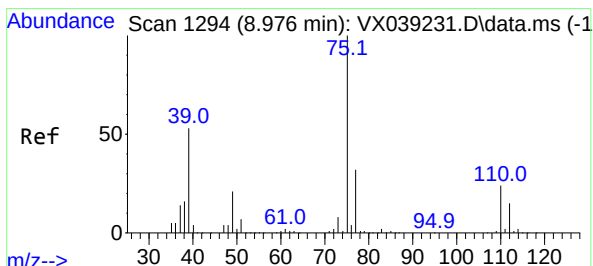
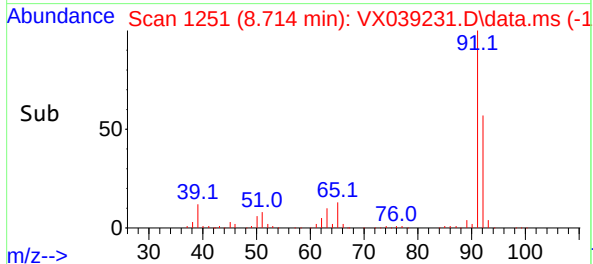
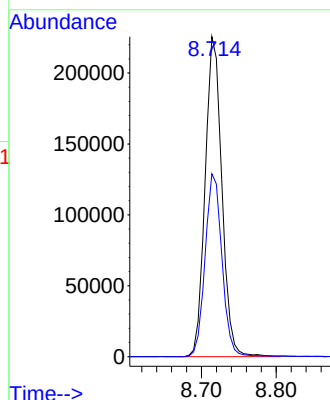
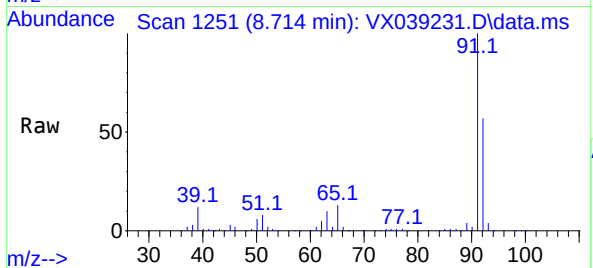
ClientSampleId :

Tgt Ion: 91 Resp: 350895

Ion Ratio Lower Upper

91 100

92 57.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 52.410 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.006 min

Lab File: VX039231.D

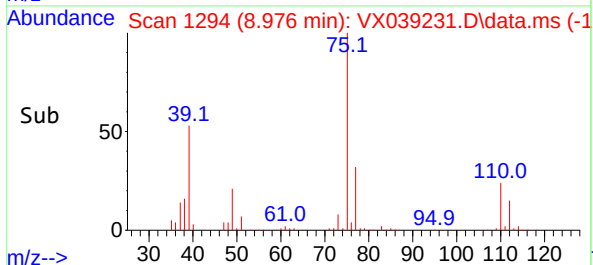
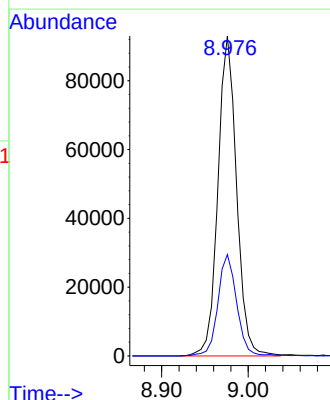
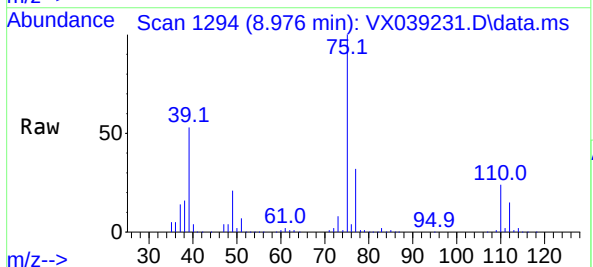
Acq: 15 Dec 2023 15:46

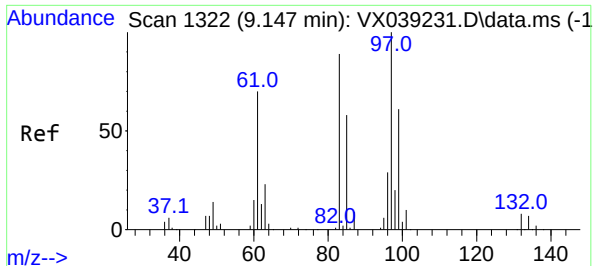
Tgt Ion: 75 Resp: 139174

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 51.846 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 85246

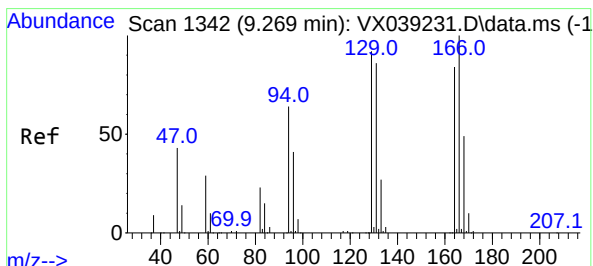
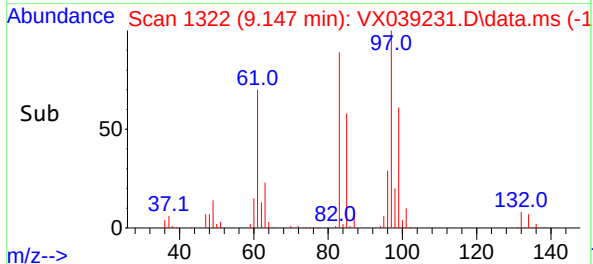
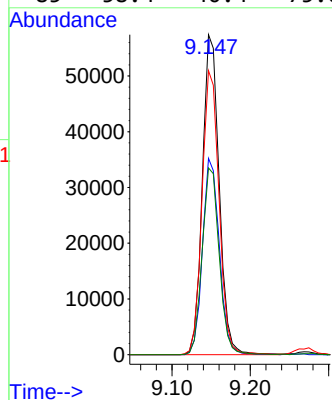
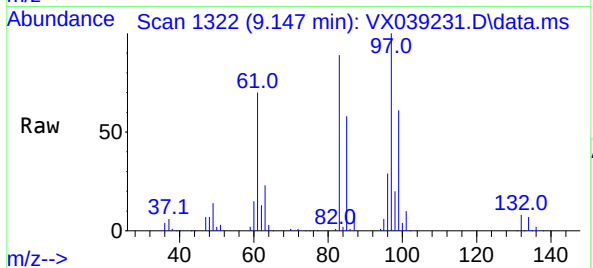
Ion Ratio Lower Upper

97 100

99 61.4 43.1 80.1

83 88.8 64.0 118.8

85 58.4 40.4 75.0



#46

Tetrachloroethene

Concen: 52.437 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Tgt Ion:164 Resp: 59139

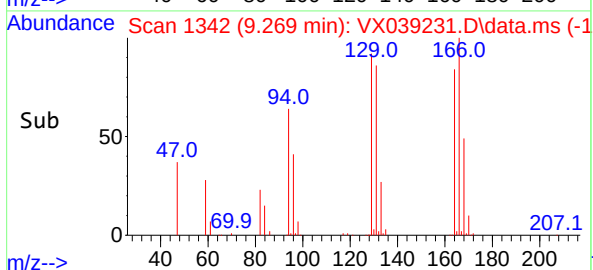
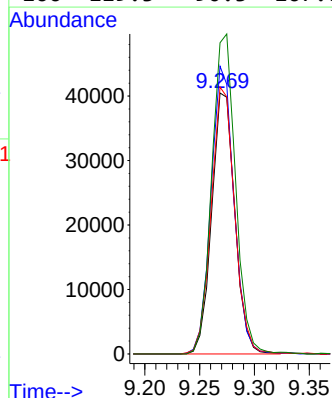
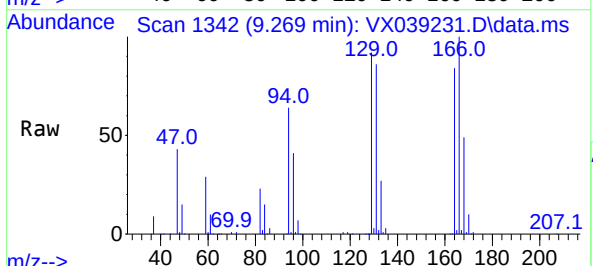
Ion Ratio Lower Upper

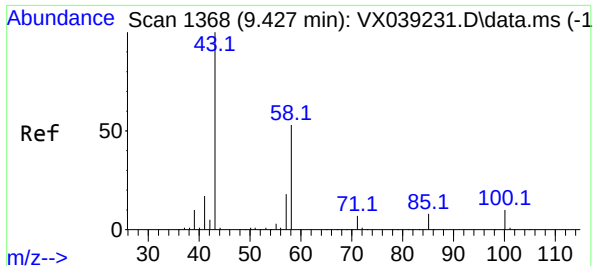
164 100

129 110.3 71.9 133.5

131 102.3 69.5 129.1

166 119.3 90.3 167.7





#48

2-Hexanone

Concen: 107.090 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 269513

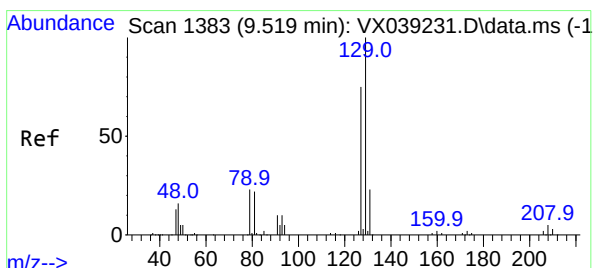
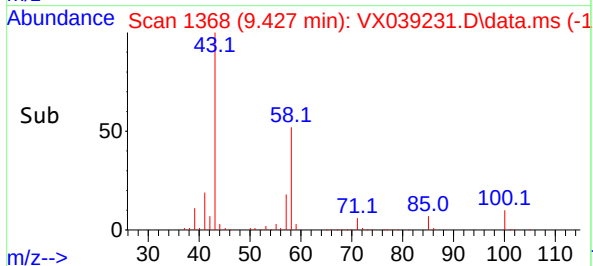
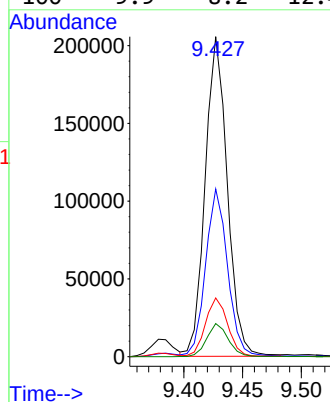
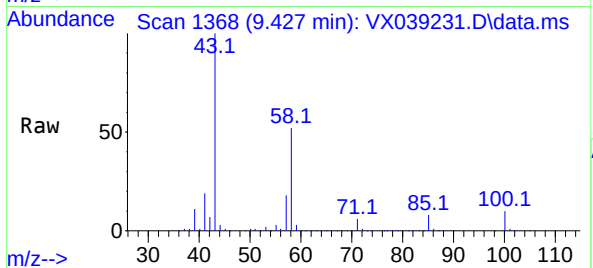
Ion Ratio Lower Upper

43 100

58 52.6 43.0 64.6

57 18.5 14.6 21.8

100 9.9 8.2 12.4



#49

Dibromochloromethane

Concen: 52.387 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX039231.D

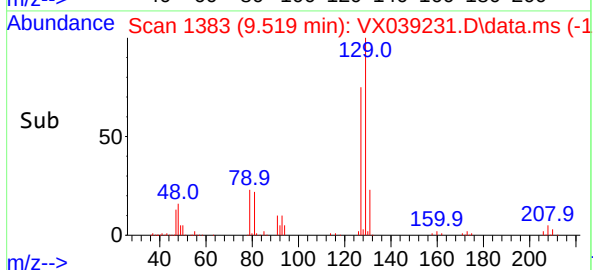
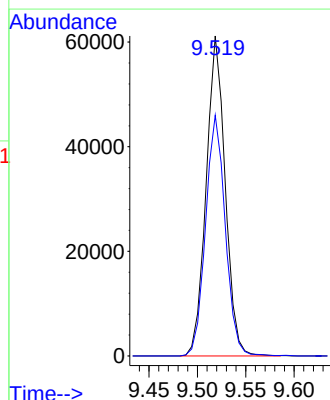
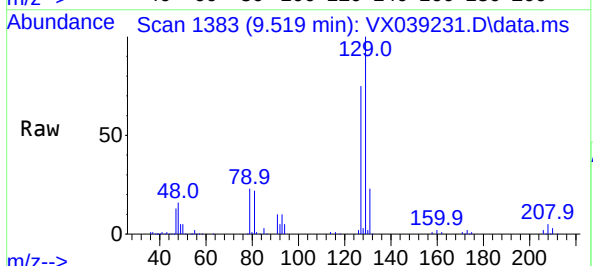
Acq: 15 Dec 2023 15:46

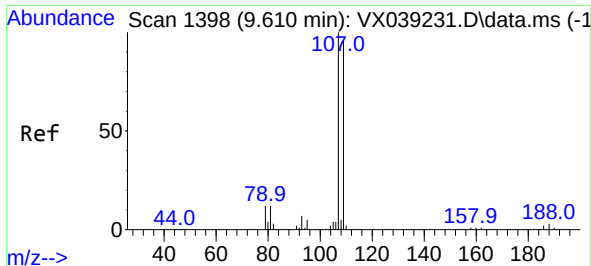
Tgt Ion:129 Resp: 83913

Ion Ratio Lower Upper

129 100

127 75.2 55.2 102.4

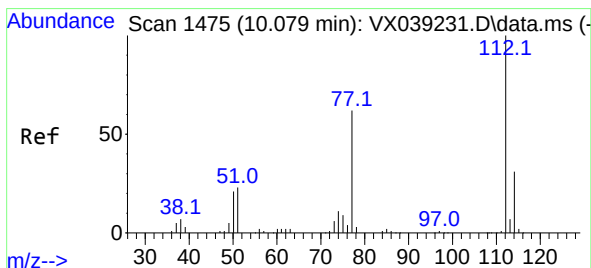
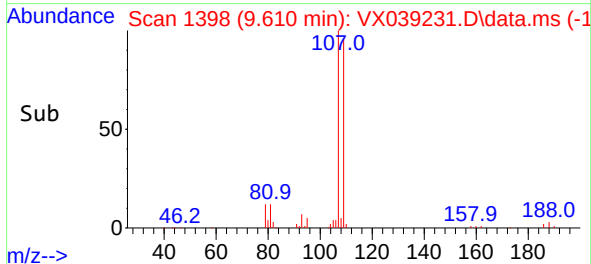
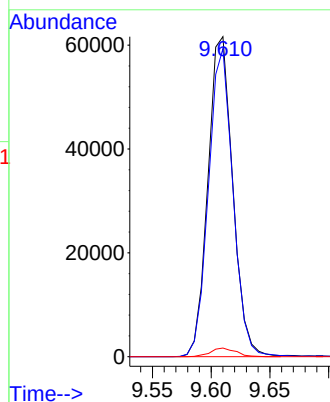
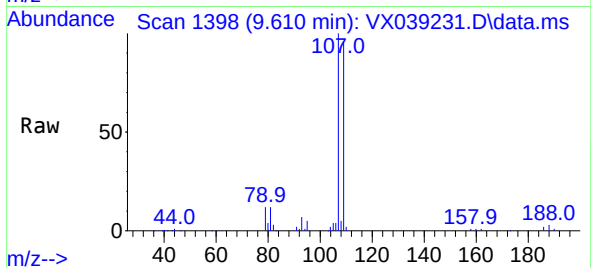




#50
1,2-Dibromoethane
Concen: 51.423 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

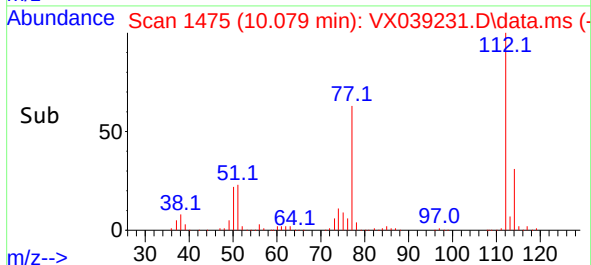
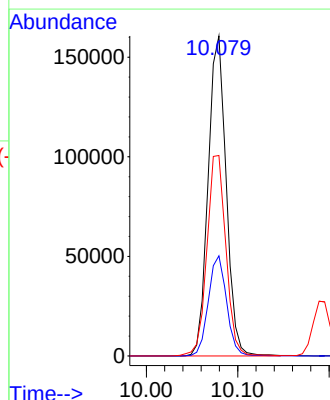
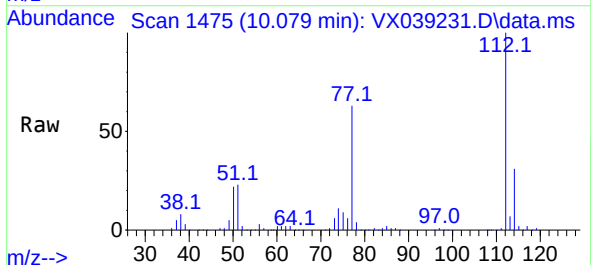
Instrument :
MSVOA_X
ClientSampleId :

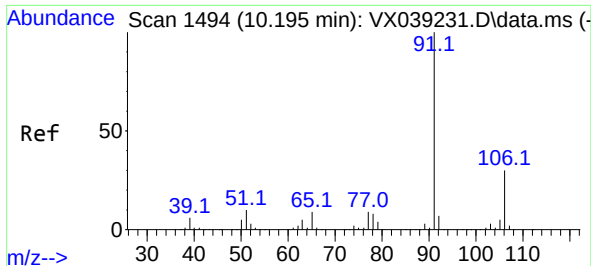
Tgt Ion:107 Resp: 90581
Ion Ratio Lower Upper
107 100
109 96.2 65.2 121.0
188 2.7 2.5 3.7



#51
Chlorobenzene
Concen: 51.971 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Tgt Ion:112 Resp: 220223
Ion Ratio Lower Upper
112 100
114 31.3 21.8 40.4
77 62.6 49.0 73.6





#52

Ethylbenzene

Concen: 53.048 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Instrument :

MSVOA_X

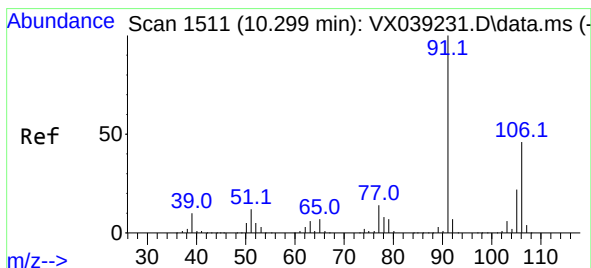
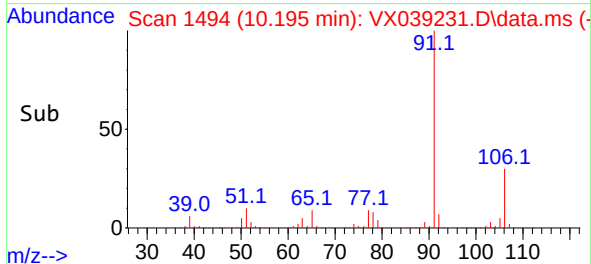
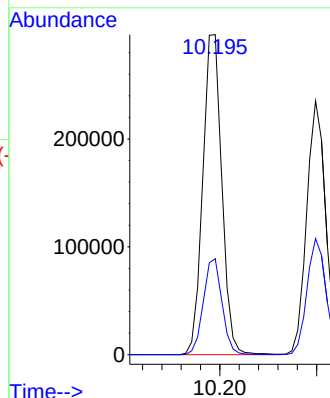
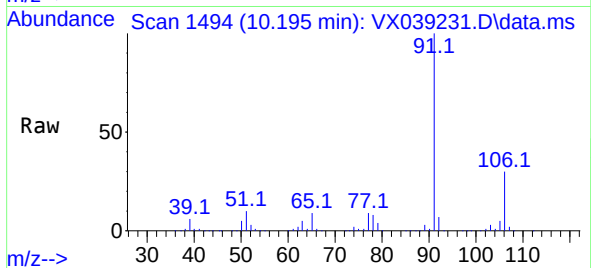
ClientSampleId :

Tgt Ion: 91 Resp: 406835

Ion Ratio Lower Upper

91 100

106 30.0 21.2 39.4



#53

m,p-Xylene

Concen: 51.391 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039231.D

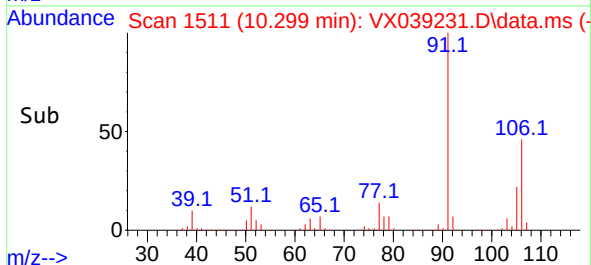
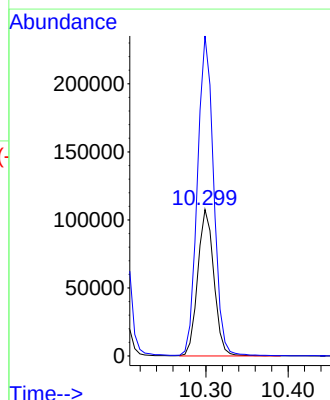
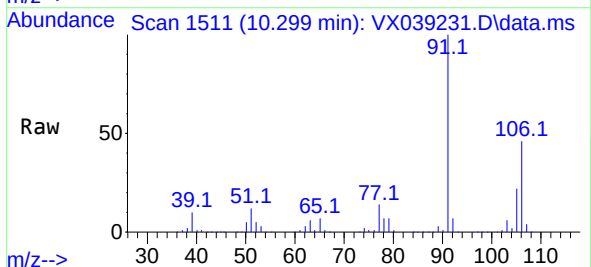
Acq: 15 Dec 2023 15:46

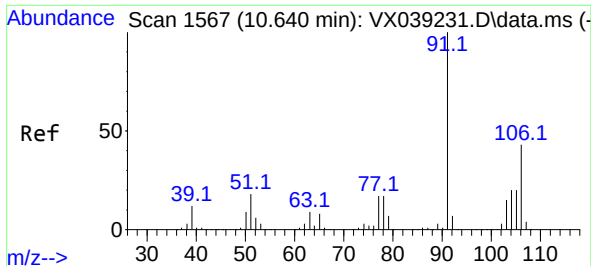
Tgt Ion:106 Resp: 147361

Ion Ratio Lower Upper

106 100

91 218.6 149.0 276.8

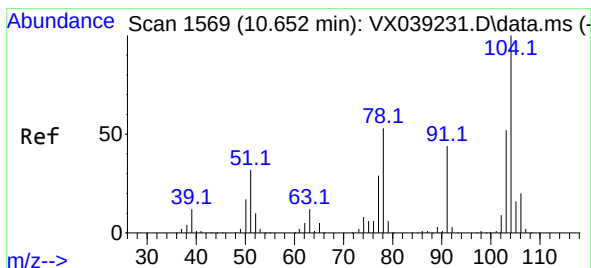
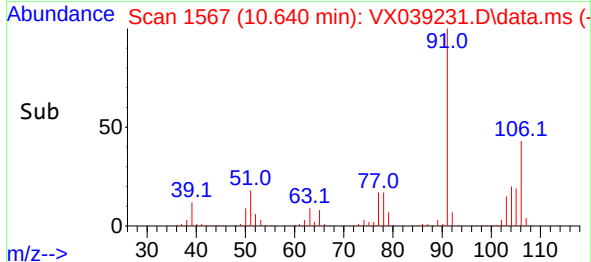
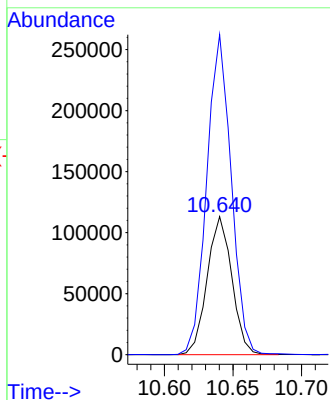
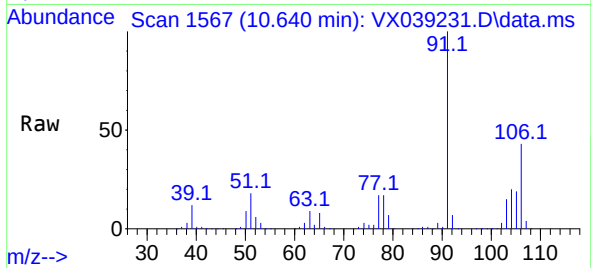




#54
o-Xylene
Concen: 51.690 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

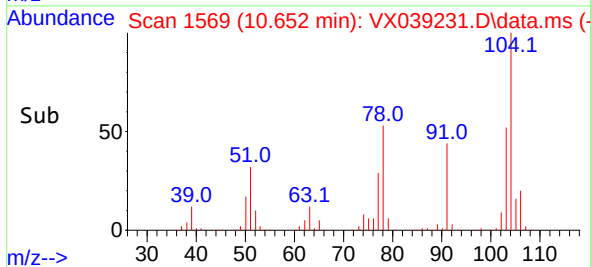
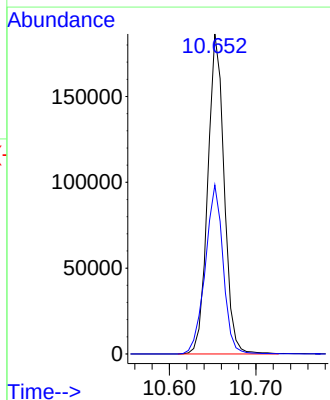
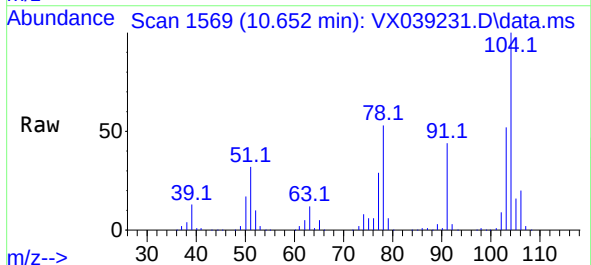
Instrument :
MSVOA_X
ClientSampleId :

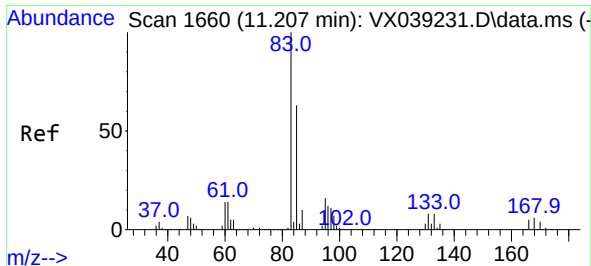
Tgt Ion:106 Resp: 142222
Ion Ratio Lower Upper
106 100
91 231.8 156.2 290.0



#55
Styrene
Concen: 52.070 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Tgt Ion:104 Resp: 245138
Ion Ratio Lower Upper
104 100
78 52.8 33.5 62.1

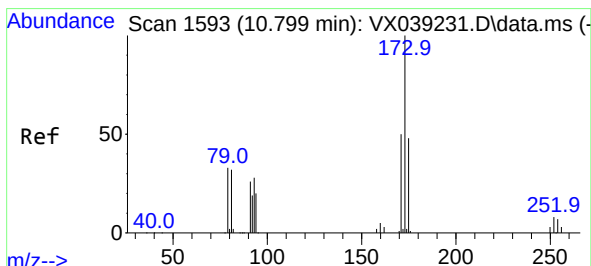
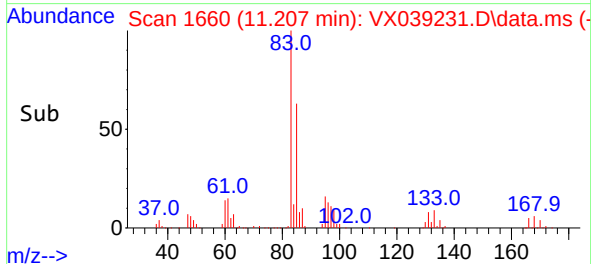
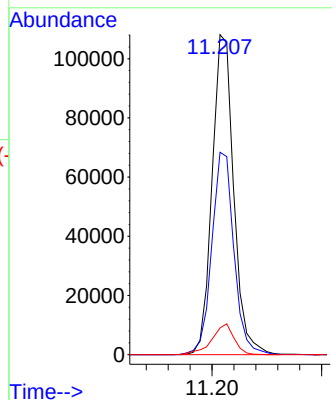
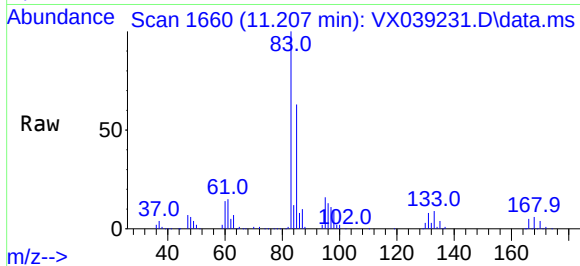




#57
1,1,2,2-Tetrachloroethane
Concen: 51.540 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

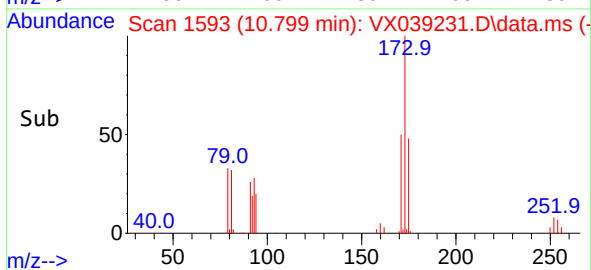
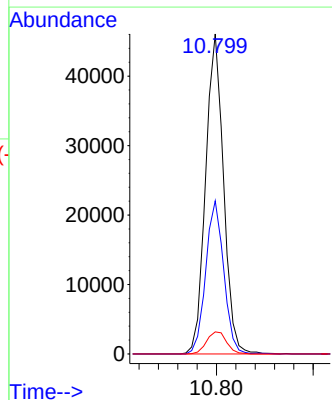
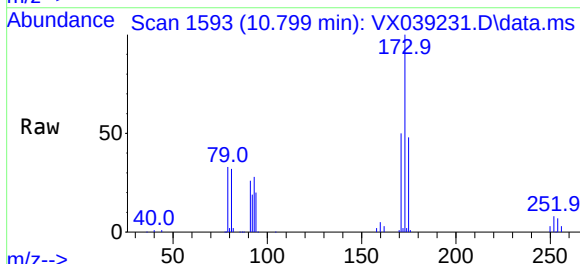
Instrument :
MSVOA_X
ClientSampleId :

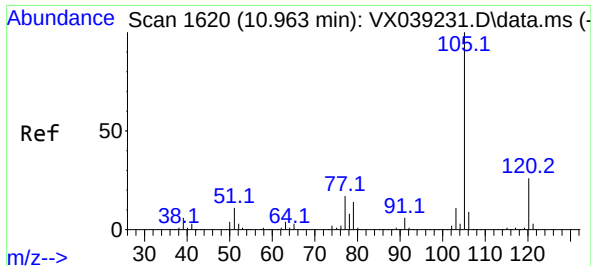
Tgt Ion:	83	Resp:	147892
Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.2	84.0
131	8.3	7.2	10.8



#59
Bromoform
Concen: 49.492 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

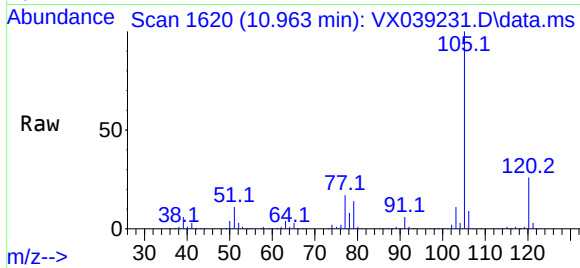
Tgt Ion:	173	Resp:	59408
Ion	Ratio	Lower	Upper
173	100		
175	47.9	38.7	58.1
254	7.7	6.2	9.2



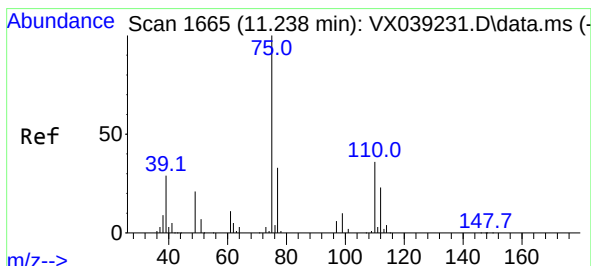
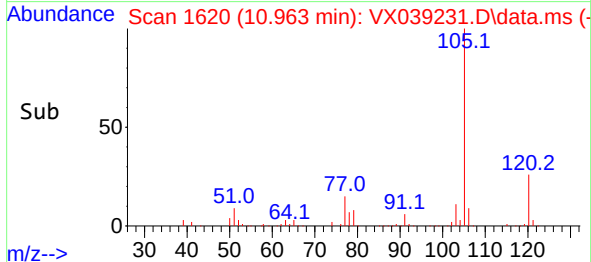
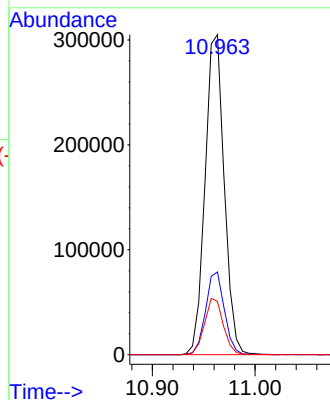


#60
Isopropylbenzene
Concen: 53.020 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Instrument :
MSVOA_X
ClientSampleId :

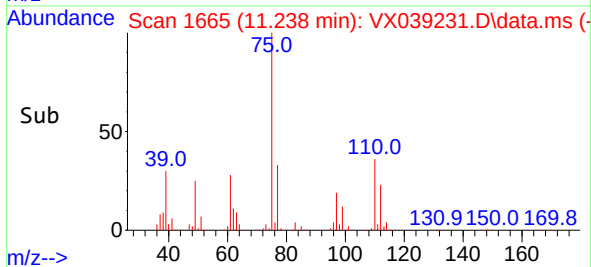
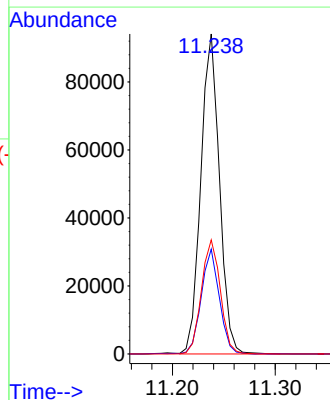
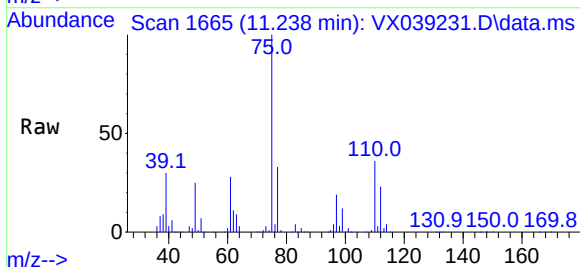


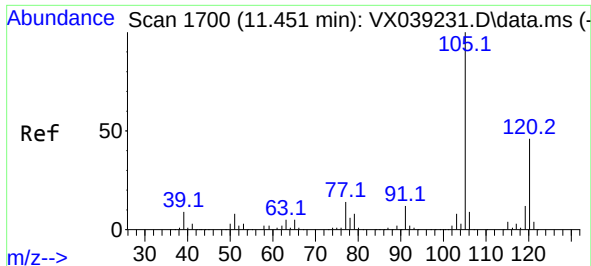
Tgt Ion:105 Resp: 395693
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 17.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 53.175 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Tgt Ion: 75 Resp: 118973
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
110 36.1 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 53.279 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Instrument :

MSVOA_X

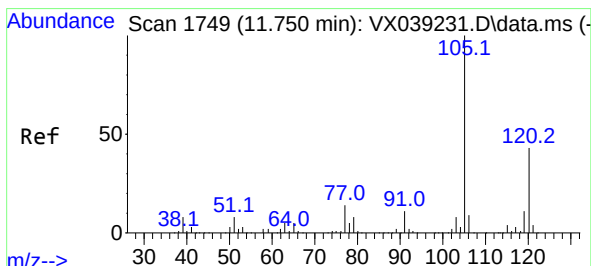
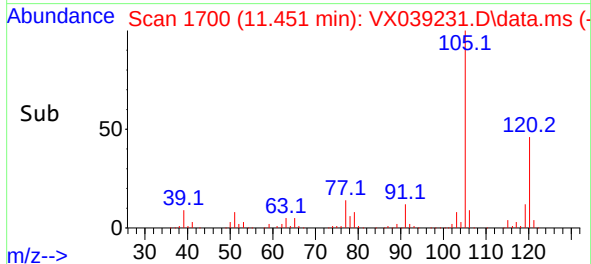
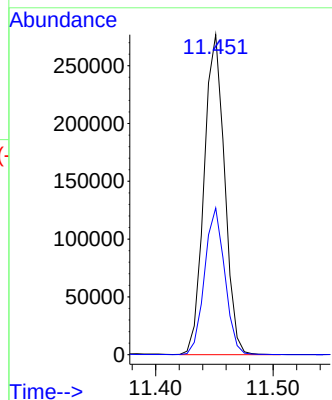
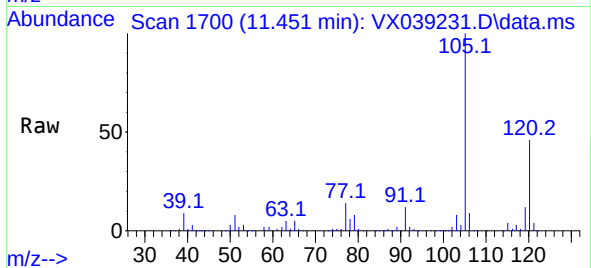
ClientSampleId :

Tgt Ion:105 Resp: 335692

Ion Ratio Lower Upper

105 100

120 45.2 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 53.859 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039231.D

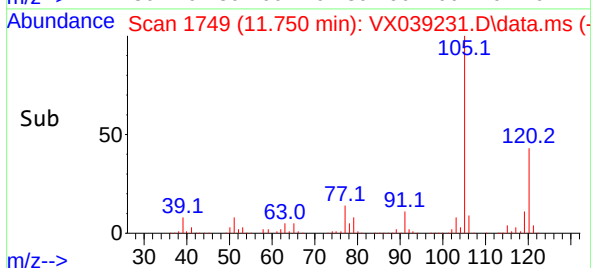
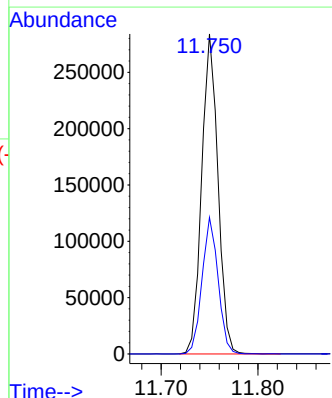
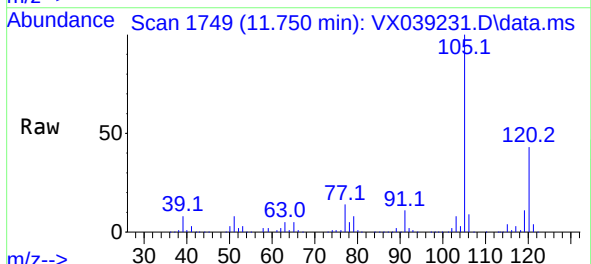
Acq: 15 Dec 2023 15:46

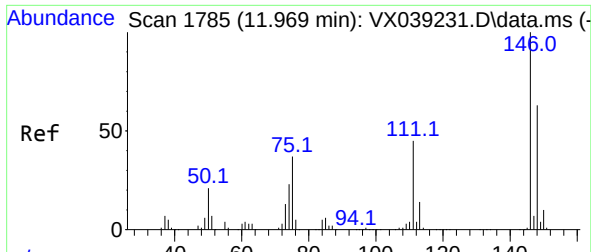
Tgt Ion:105 Resp: 332751

Ion Ratio Lower Upper

105 100

120 42.1 34.9 52.3

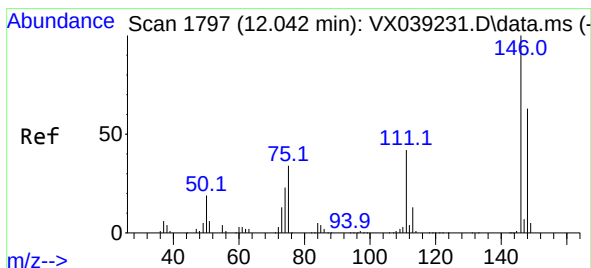
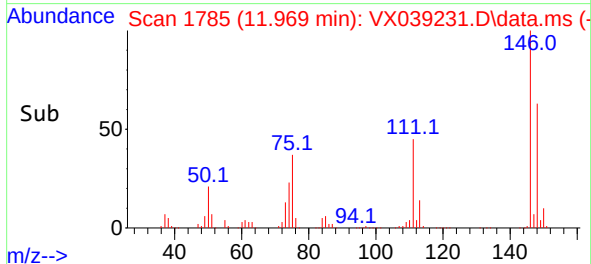
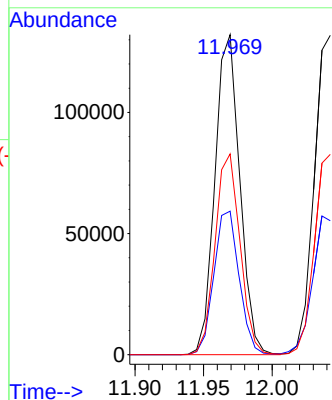
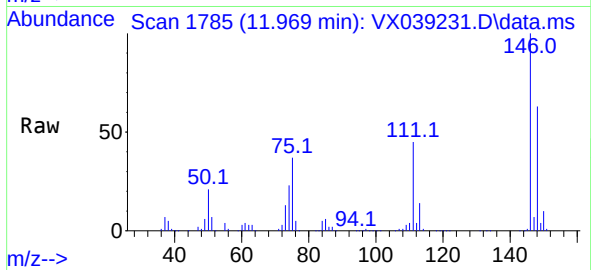




#64
1,3-Dichlorobenzene
Concen: 52.176 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

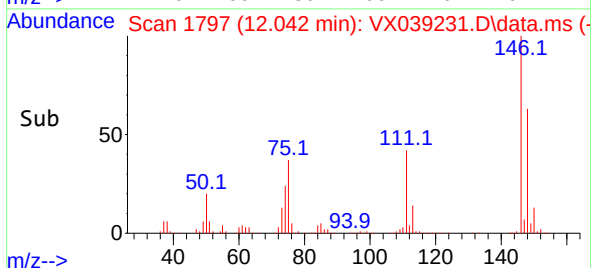
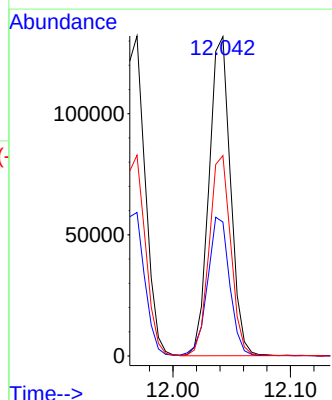
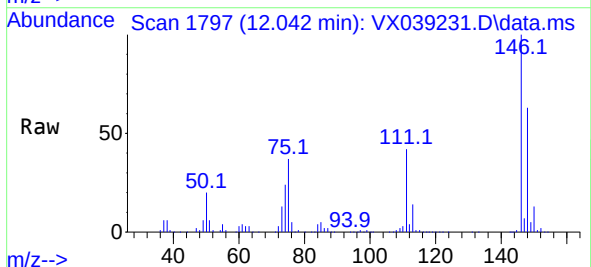
Instrument :
MSVOA_X
ClientSampleId :

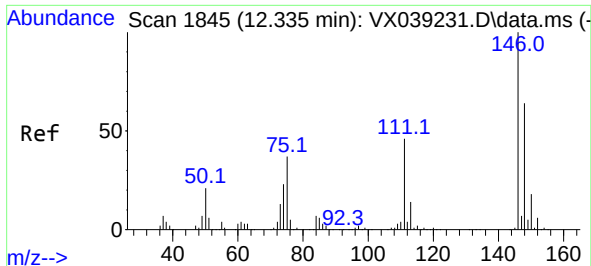
Tgt Ion:146 Resp: 166668
Ion Ratio Lower Upper
146 100
111 44.9 30.0 55.6
148 62.8 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 51.751 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Tgt Ion:146 Resp: 167515
Ion Ratio Lower Upper
146 100
111 41.9 29.7 55.1
148 62.7 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 52.120 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

Instrument :

MSVOA_X

ClientSampleId :

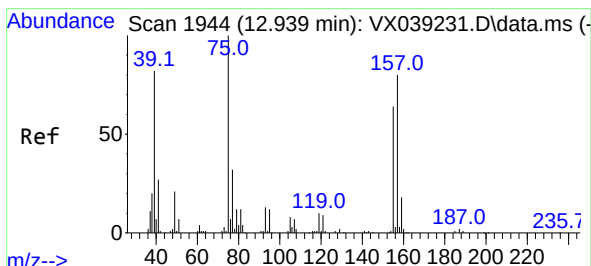
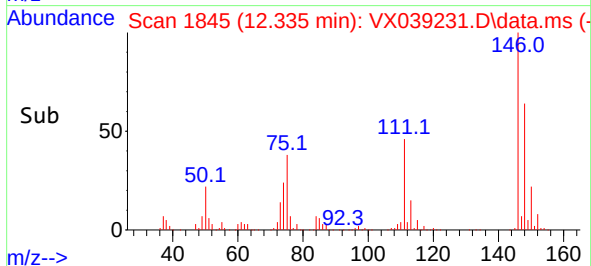
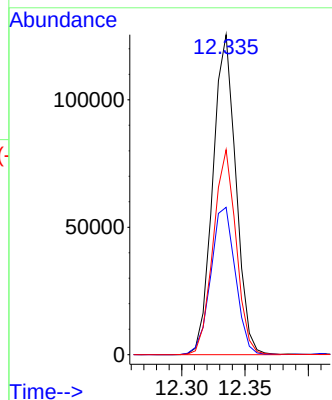
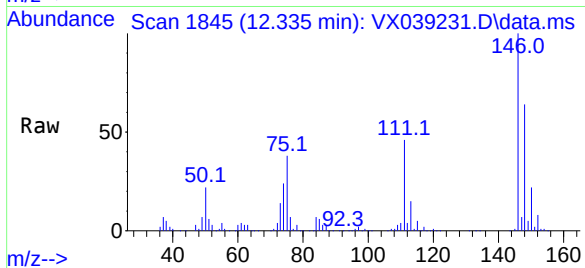
Tgt Ion:146 Resp: 159260

Ion Ratio Lower Upper

146 100

111 46.1 36.4 54.6

148 64.1 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 54.725 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039231.D

Acq: 15 Dec 2023 15:46

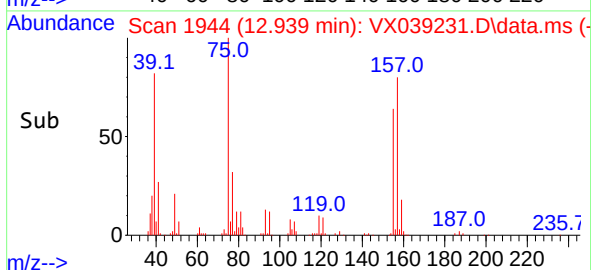
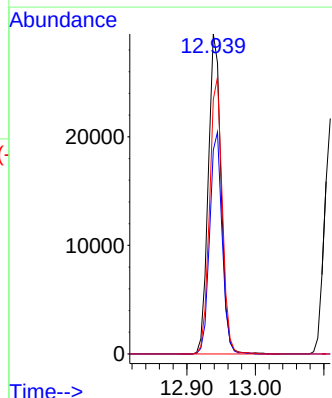
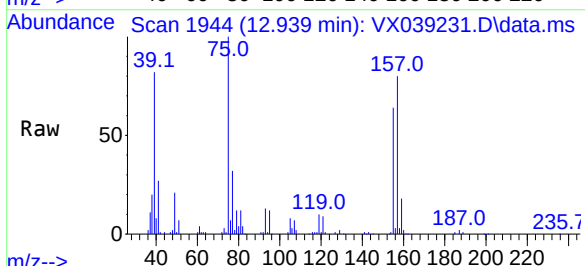
Tgt Ion: 75 Resp: 38213

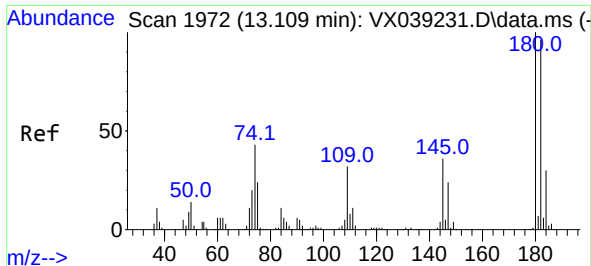
Ion Ratio Lower Upper

75 100

155 63.8 52.3 78.5

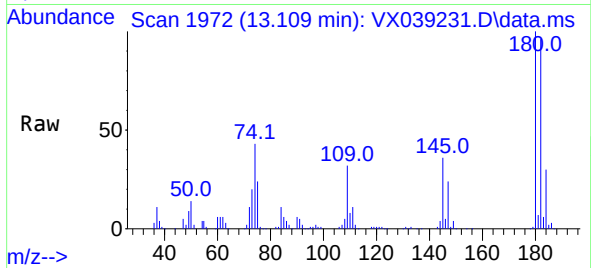
157 79.6 68.7 103.1



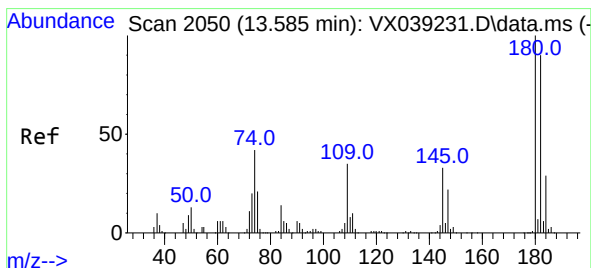
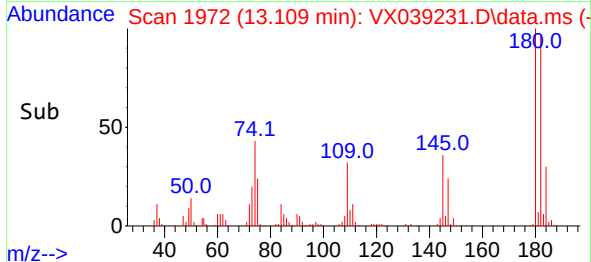
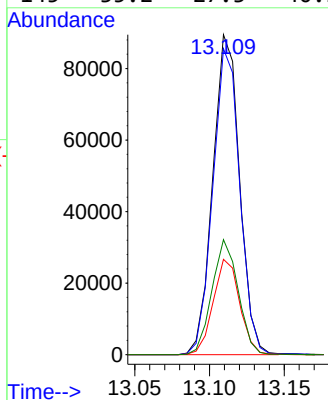


#69
1,3,5-Trichlorobenzene
Concen: 52.806 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Instrument :
MSVOA_X
ClientSampleId :

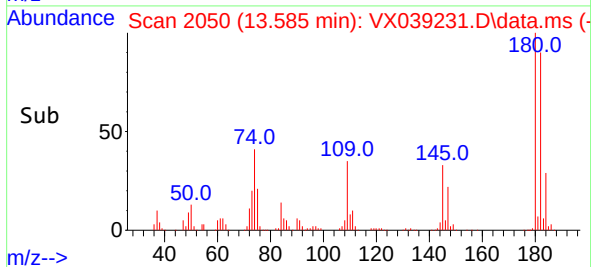
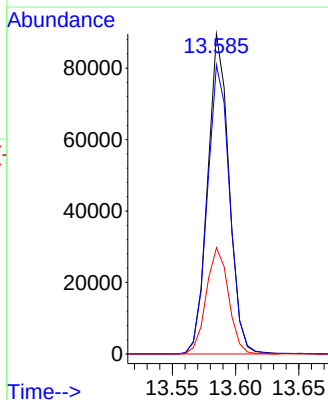
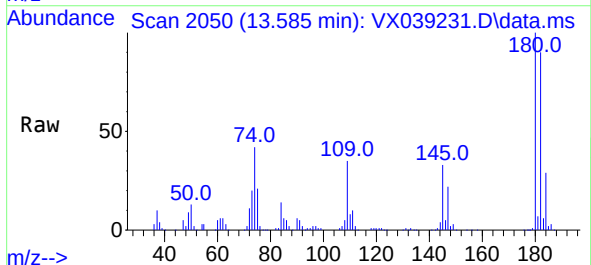


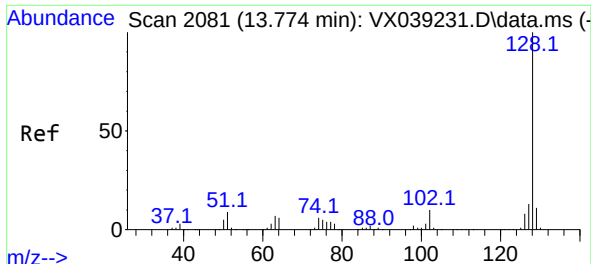
Tgt Ion:180 Resp: 111554
Ion Ratio Lower Upper
180 100
182 95.7 76.1 114.1
184 29.5 24.1 36.1
145 35.2 27.3 40.9



#70
1,2,4-trichlorobenzene
Concen: 52.864 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

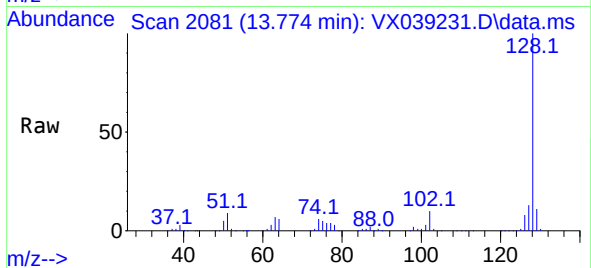
Tgt Ion:180 Resp: 105278
Ion Ratio Lower Upper
180 100
182 94.0 76.8 115.2
145 34.5 27.8 41.6



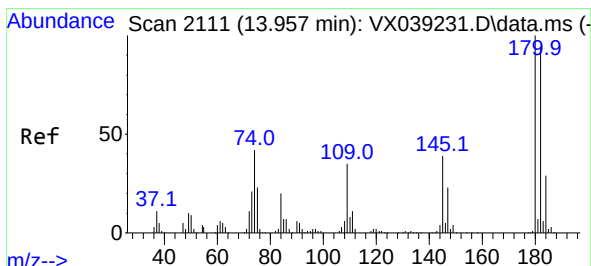
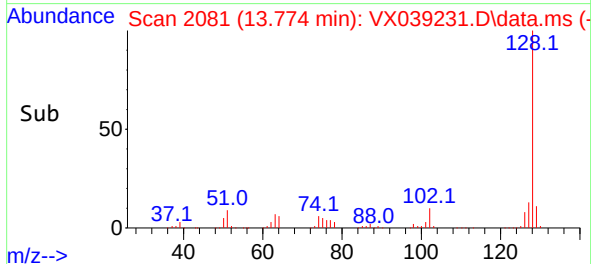
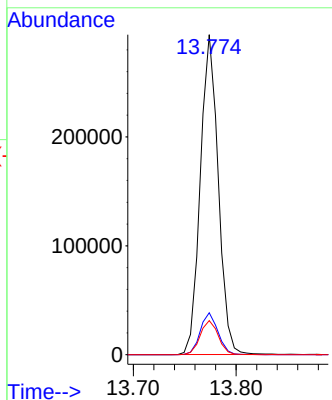


#71
Naphthalene
Concen: 52.338 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 357462
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.938 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039231.D
Acq: 15 Dec 2023 15:46

Tgt Ion:180 Resp: 100152
Ion Ratio Lower Upper
180 100
182 96.7 75.9 113.9
145 37.7 28.6 42.8

