

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039078.D
 Acq On : 05 Dec 2023 12:35
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 06 02:25:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:19:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	256830	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	240559	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	122108	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	99477	49.382	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.760%
7) Chloroethane-d5	1.666	69	74436	49.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.980%
11) 1,1-Dichloroethene-d2	2.307	65	44677	50.525	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.040%
21) 2-Butanone-d5	4.446	46	186638	102.354	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.350%
24) Chloroform-d	5.056	84	182113	51.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.140%
26) 1,2-Dichloroethane-d4	5.952	65	114683	49.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.320%
32) Benzene-d6	5.971	84	373737	50.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	7.306	67	121126	50.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.400%
41) Toluene-d8	8.647	98	335638	49.887	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.780%
43) trans-1,3-Dichloroprop...	8.946	79	61019	50.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.380%
47) 2-Hexanone-d5	9.378	63	146995	103.009	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.010%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	173011	51.045	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.100%
66) 1,2-Dichlorobenzene-d4	12.317	152	117308	50.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	110855	54.124	ug/L	100
3) Chloromethane	1.295	50	110815	51.764	ug/L	100
5) Vinyl chloride	1.374	62	111597	52.892	ug/L	99
6) Bromomethane	1.605	94	67709	59.454	ug/L	100
8) Chloroethane	1.685	64	63502	53.237	ug/L	99
9) Trichlorofluoromethane	1.886	101	146272	53.492	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	96544	54.887	ug/L	99
12) 1,1-Dichloroethene	2.319	96	89460	54.070	ug/L	94
13) Acetone	2.374	43	173221	98.885	ug/L	99
14) Carbon disulfide	2.514	76	285807	54.285	ug/L	98
15) Methyl Acetate	2.697	43	135120	53.965	ug/L	99
16) Methylene chloride	2.788	84	99701	52.448	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	94456	54.183	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	322055	53.074	ug/L	99
19) 1,1-Dichloroethane	3.605	63	182993	53.088	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	107535	53.182	ug/L	99
22) 2-Butanone	4.544	43	222957	103.709	ug/L	100
23) Bromochloromethane	4.898	128	50356	52.978	ug/L	94
25) Chloroform	5.093	83	181666	52.839	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039078.D
 Acq On : 05 Dec 2023 12:35
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

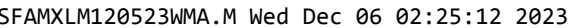
Instrument :
 MSVOA_X
 ClientSampleId :

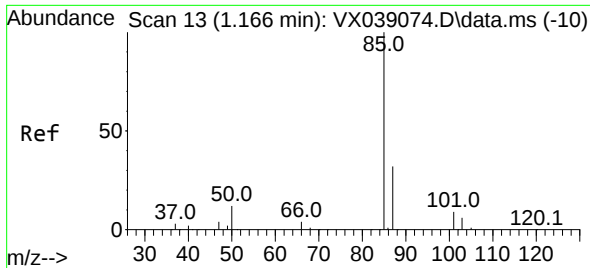
Quant Time: Dec 06 02:25:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:19:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	145621	53.664	ug/L	96
29) Cyclohexane	5.465	56	182489	54.229	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	155190	53.170	ug/L	99
31) Carbon tetrachloride	5.672	117	129123	53.024	ug/L	100
33) Benzene	6.038	78	405956	53.102	ug/L	100
34) Trichloroethene	7.123	95	108935	53.920	ug/L	98
35) Methylcyclohexane	7.379	83	184977	54.975	ug/L	99
37) 1,2-Dichloropropane	7.428	63	113247	53.414	ug/L	100
38) Bromodichloromethane	7.818	83	136365	52.880	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	179238	53.005	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	381271	107.298	ug/L	100
42) Toluene	8.714	91	430093	53.054	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	169867	54.132	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	102398	52.701	ug/L	99
46) Tetrachloroethene	9.275	164	73585	55.213	ug/L	97
48) 2-Hexanone	9.427	43	322251	108.355	ug/L	99
49) Dibromochloromethane	9.519	129	101746	53.752	ug/L	98
50) 1,2-Dibromoethane	9.610	107	111435	53.534	ug/L	98
51) Chlorobenzene	10.080	112	267814	53.483	ug/L	99
52) Ethylbenzene	10.189	91	487540	53.795	ug/L	100
53) m,p-Xylene	10.299	106	182520	53.864	ug/L	98
54) o-Xylene	10.640	106	175965	54.119	ug/L	100
55) Styrene	10.653	104	300502	54.014	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	178749	52.714	ug/L	98
59) Bromoform	10.799	173	75299	52.470	ug/L	100
60) Isopropylbenzene	10.964	105	479321	53.720	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	137284	51.323	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	405830	53.875	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	398651	53.971	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	201039	52.642	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	205436	53.085	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	194120	53.137	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	43560	52.179	ug/L	96
69) 1,3,5-Trichlorobenzene	13.110	180	137773	54.550	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	129432	54.361	ug/L	98
71) Naphthalene	13.774	128	436820	53.495	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	123799	53.699	ug/L	99

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

Quant Time: Dec 06 02:25:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 06 02:19:46 2023
Response via : Initial Calibration

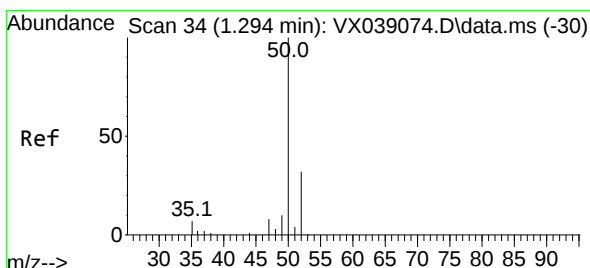
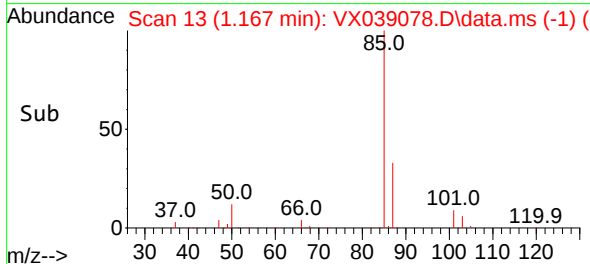
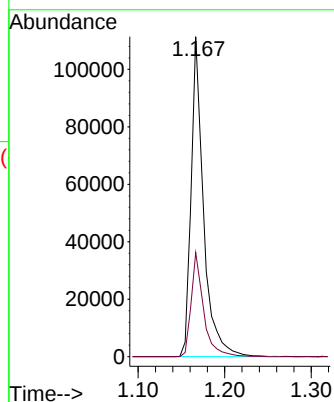
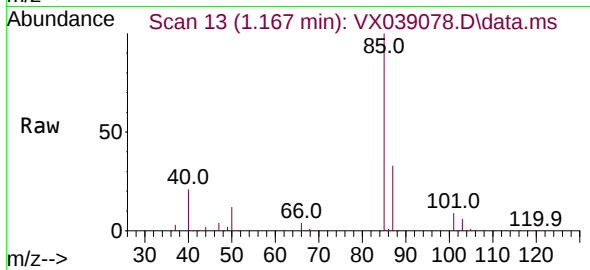




#2
 Dichlorodifluoromethane
 Concen: 54.124 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039078.D
 Acq: 05 Dec 2023 12:35

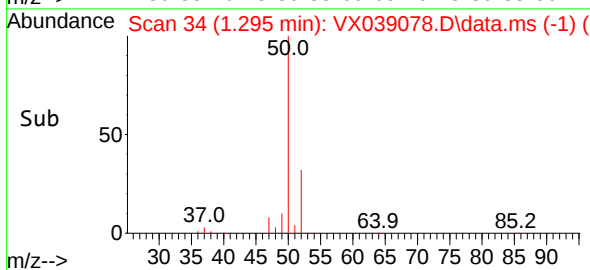
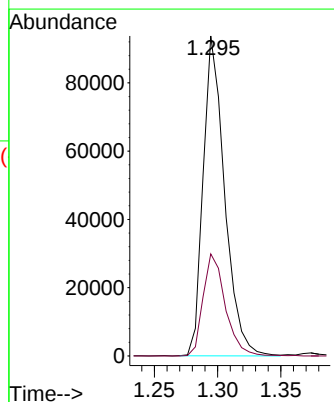
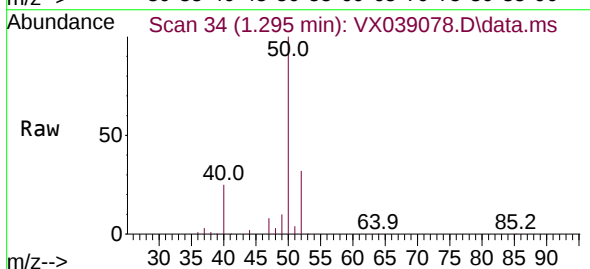
Instrument :
 MSVOA_X
 ClientSampleId :

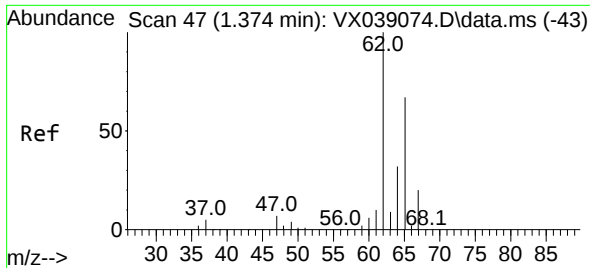
Tgt Ion: 85 Resp: 110855
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.4



#3
 Chloromethane
 Concen: 51.764 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX039078.D
 Acq: 05 Dec 2023 12:35

Tgt Ion: 50 Resp: 110815
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.4 41.6

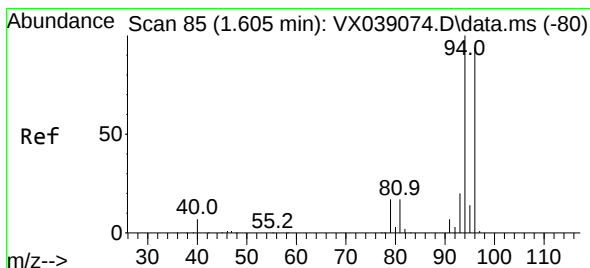
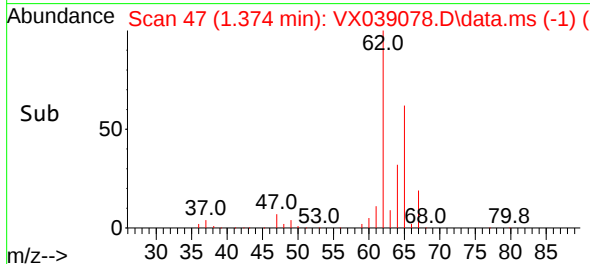
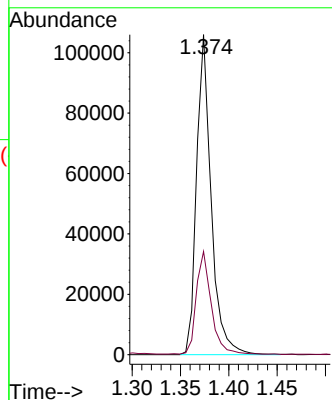
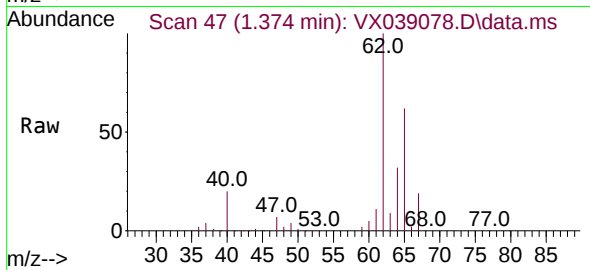




#5
 Vinyl chloride
 Concen: 52.892 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039078.D
 Acq: 05 Dec 2023 12:35

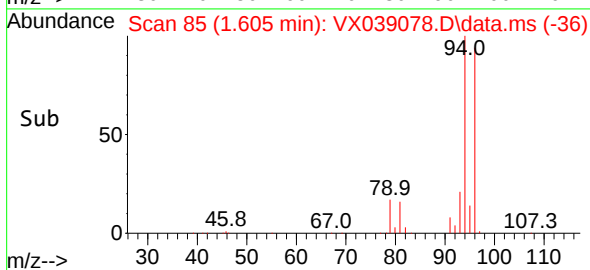
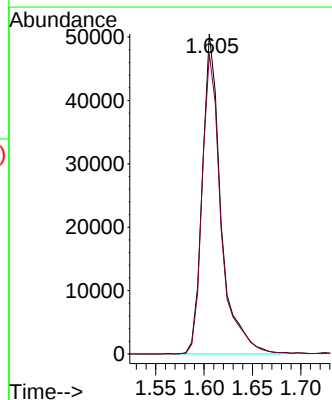
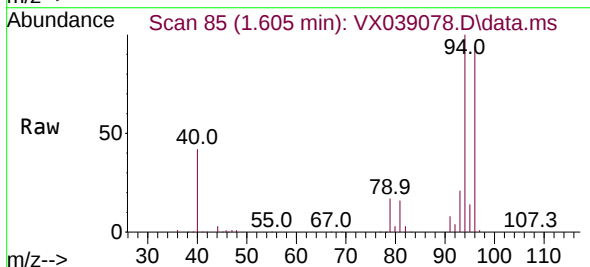
Instrument :
 MSVOA_X
 ClientSampleId :

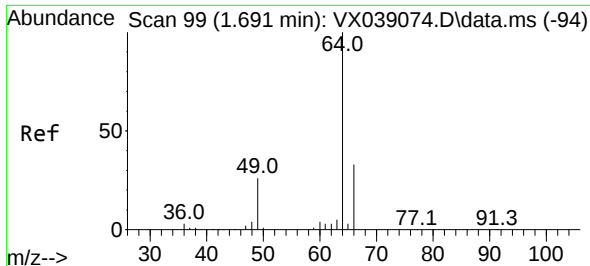
Tgt Ion: 62 Resp: 111597
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.3 41.3



#6
 Bromomethane
 Concen: 59.454 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX039078.D
 Acq: 05 Dec 2023 12:35

Tgt Ion: 94 Resp: 67709
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.8 122.2

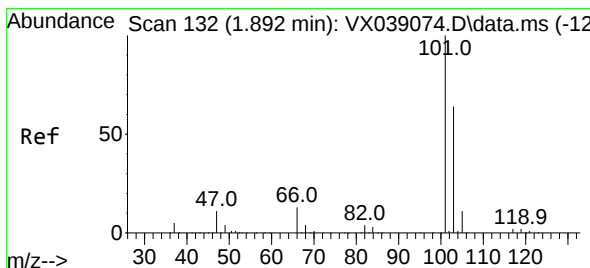
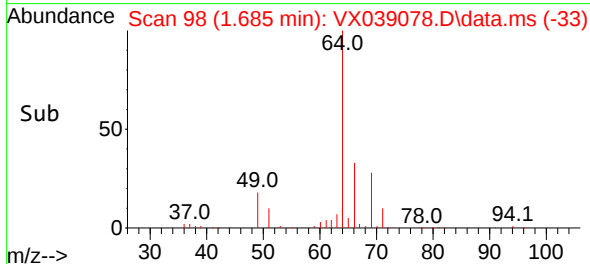
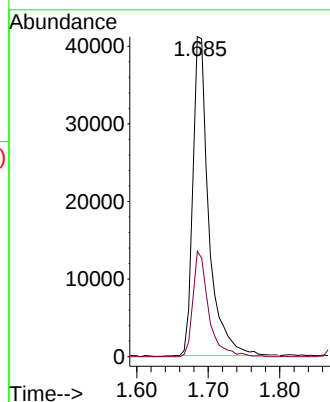
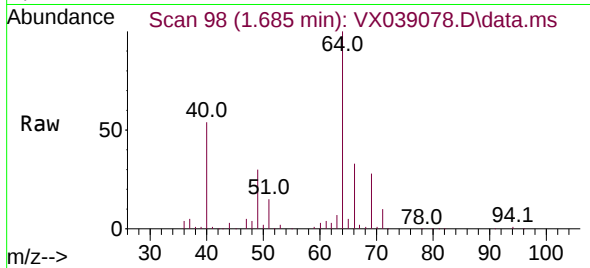




#8
Chloroethane
Concen: 53.237 ug/L
RT: 1.685 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

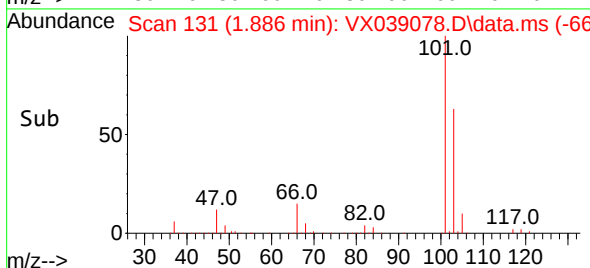
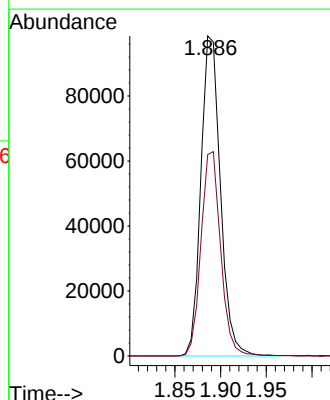
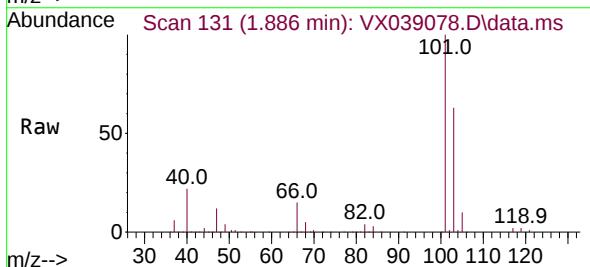
Instrument :
MSVOA_X
ClientSampleId :

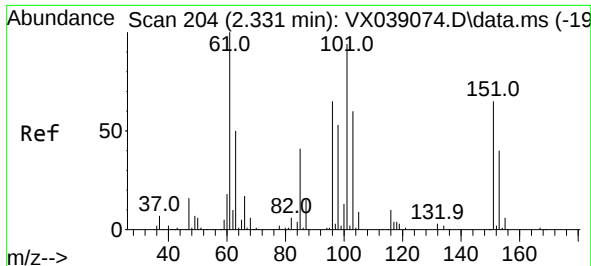
Tgt Ion: 64 Resp: 63502
Ion Ratio Lower Upper
64 100
66 32.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 53.492 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

Tgt Ion:101 Resp: 146272
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

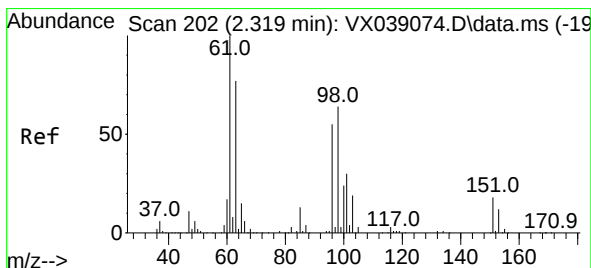
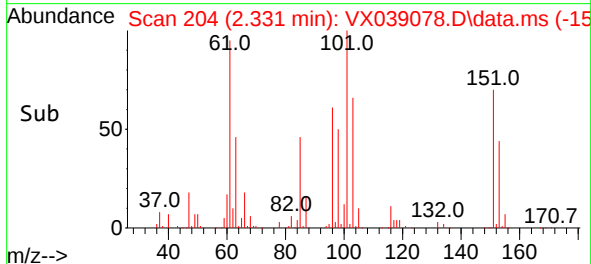
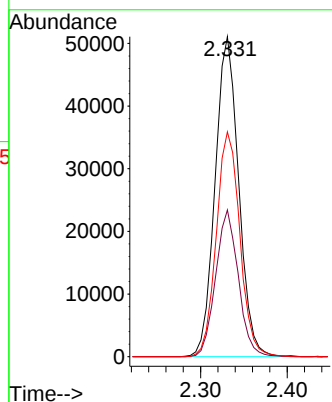
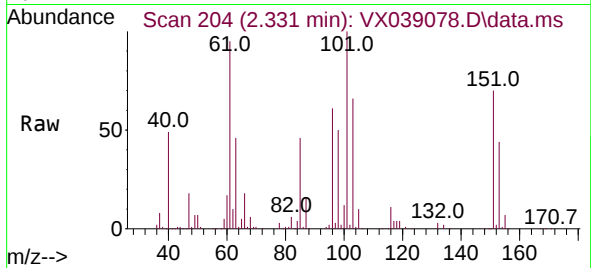




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.887 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX039078.D
 Acq: 05 Dec 2023 12:35

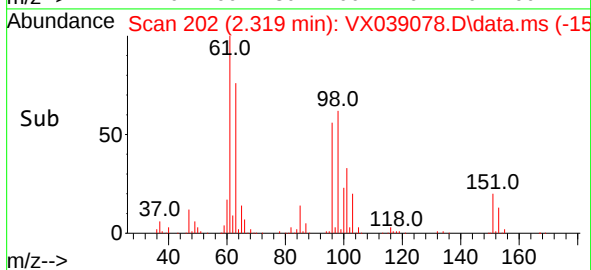
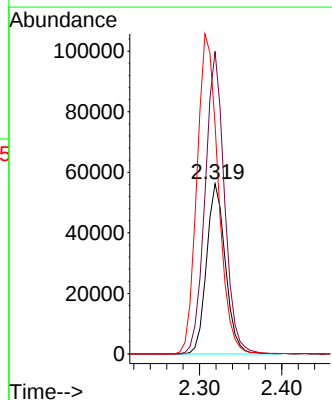
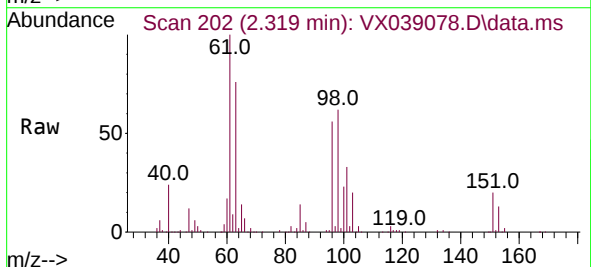
Instrument :
 MSVOA_X
 ClientSampleId :

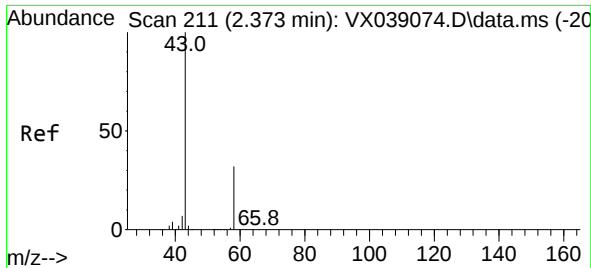
Tgt Ion:101 Resp: 96544
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.8 53.6
 151 70.2 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 54.070 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039078.D
 Acq: 05 Dec 2023 12:35

Tgt Ion: 96 Resp: 89460
 Ion Ratio Lower Upper
 96 100
 61 177.8 128.0 237.6
 63 134.8 101.5 188.5





#13

Acetone

Concen: 98.885 ug/L

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

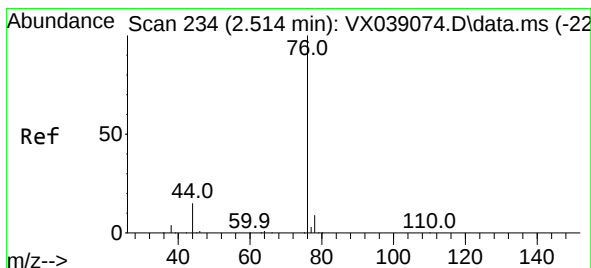
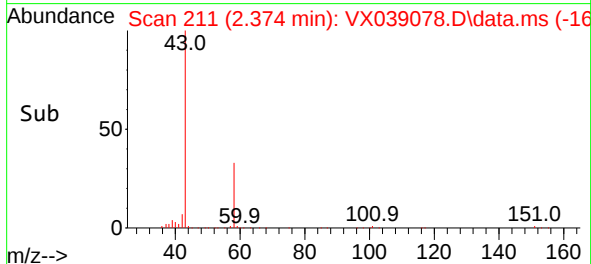
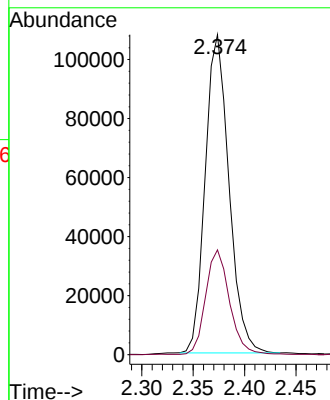
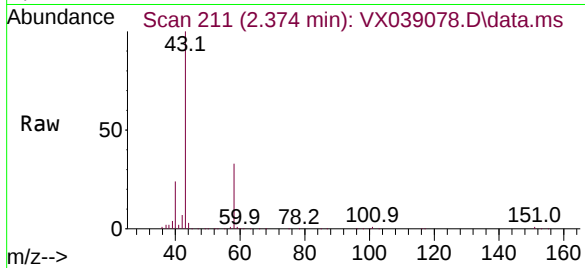
ClientSampleId :

Tgt Ion: 43 Resp: 173221

Ion Ratio Lower Upper

43 100

58 33.3 0.0 65.8



#14

Carbon disulfide

Concen: 54.285 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039078.D

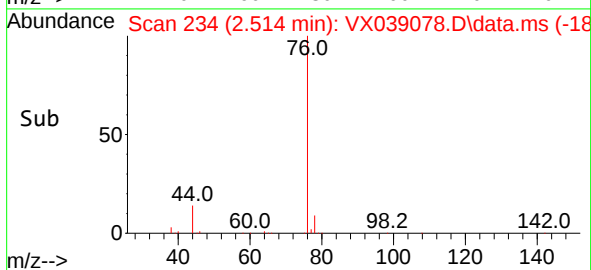
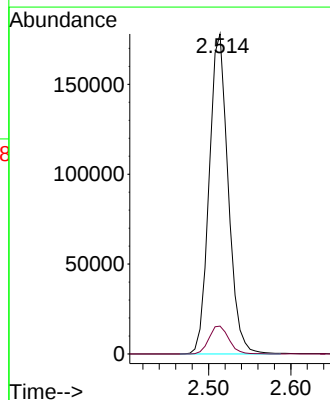
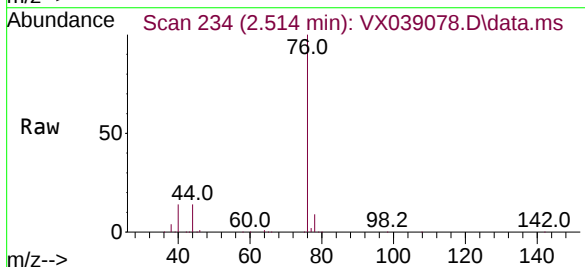
Acq: 05 Dec 2023 12:35

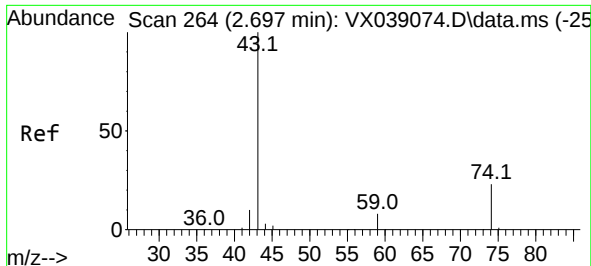
Tgt Ion: 76 Resp: 285807

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

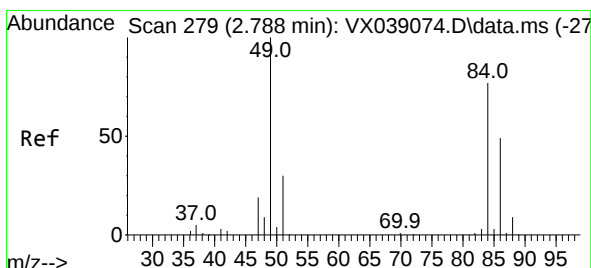
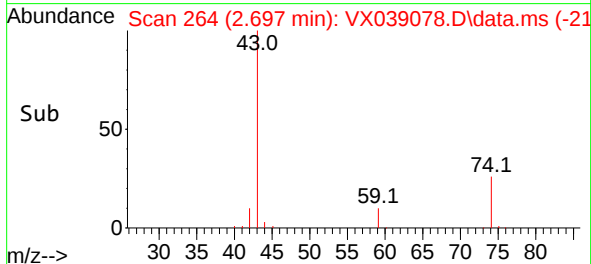
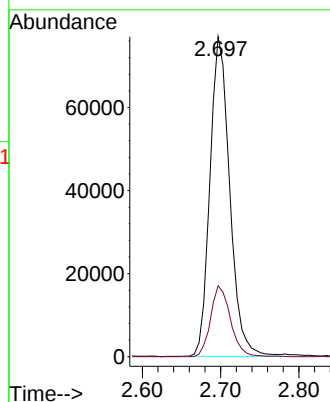
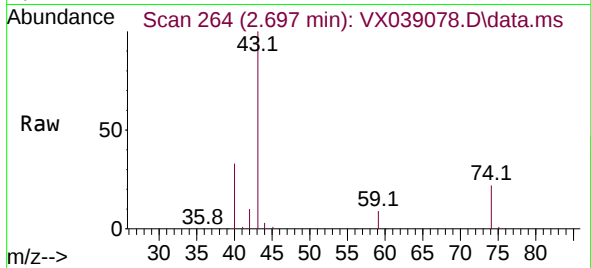




#15
Methyl Acetate
Concen: 53.965 ug/L
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

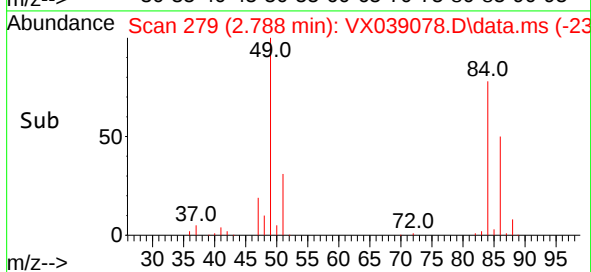
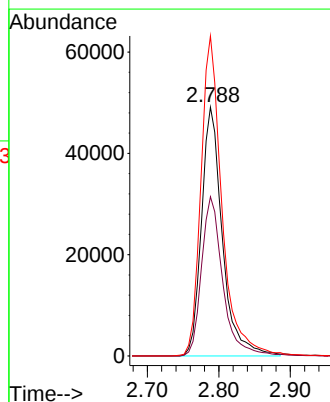
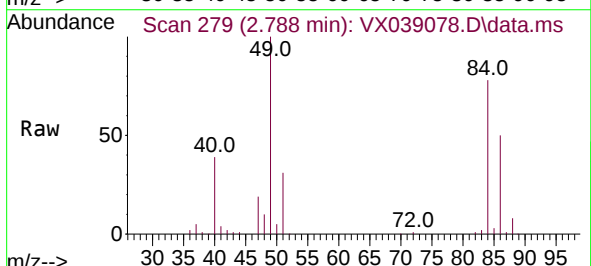
Instrument :
MSVOA_X
ClientSampleId :

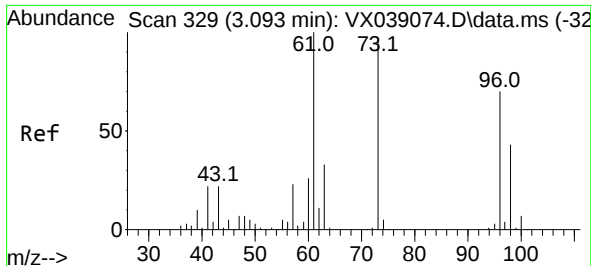
Tgt Ion: 43 Resp: 135120
Ion Ratio Lower Upper
43 100
74 22.2 18.2 27.4



#16
Methylene chloride
Concen: 52.448 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

Tgt Ion: 84 Resp: 99701
Ion Ratio Lower Upper
84 100
86 64.0 44.7 82.9
49 128.6 90.9 168.7

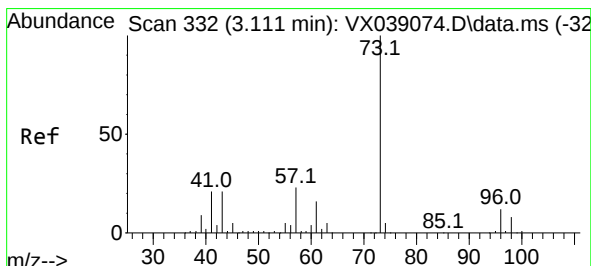
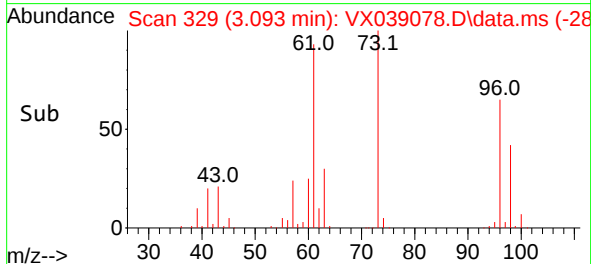
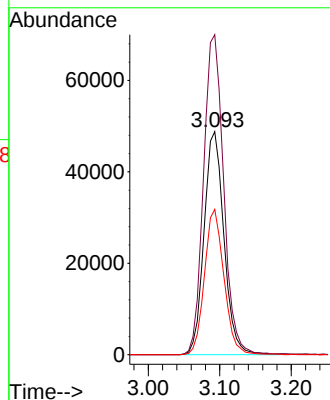
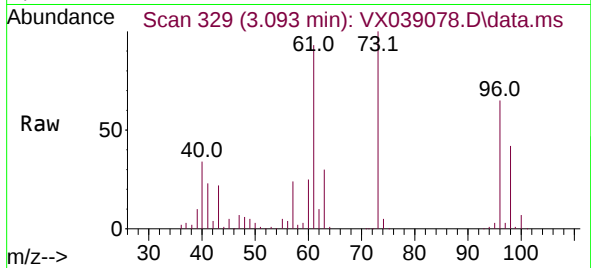




#17
 trans-1,2-Dichloroethene
 Concen: 54.183 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX039078.D
 Acq: 05 Dec 2023 12:35

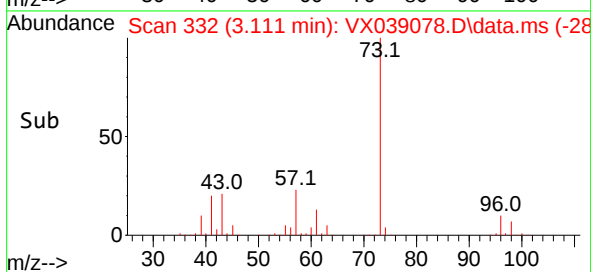
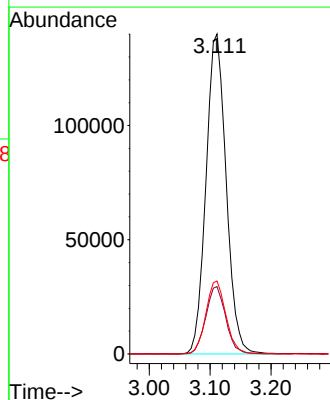
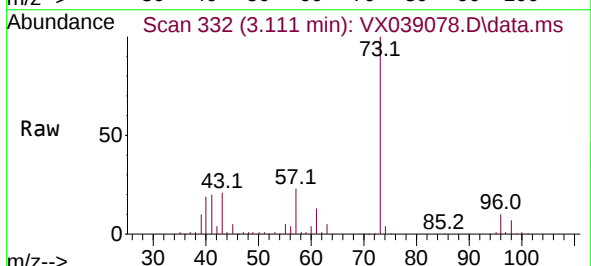
Instrument :
 MSVOA_X
 ClientSampleId :

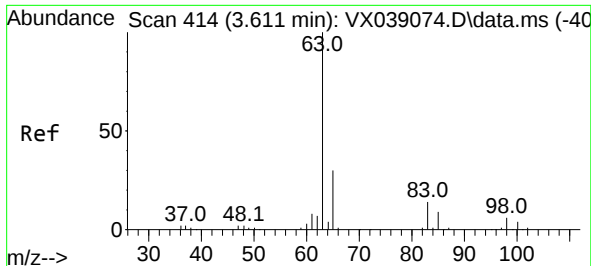
Tgt Ion: 96 Resp: 94456
 Ion Ratio Lower Upper
 96 100
 61 143.5 99.8 185.3
 98 65.1 42.6 79.2



#18
 Methyl tert-butyl Ether
 Concen: 53.074 ug/L
 RT: 3.111 min Scan# 332
 Delta R.T. 0.000 min
 Lab File: VX039078.D
 Acq: 05 Dec 2023 12:35

Tgt Ion: 73 Resp: 322055
 Ion Ratio Lower Upper
 73 100
 43 21.0 16.9 25.3
 57 22.7 18.5 27.7





#19

1,1-Dichloroethane

Concen: 53.088 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

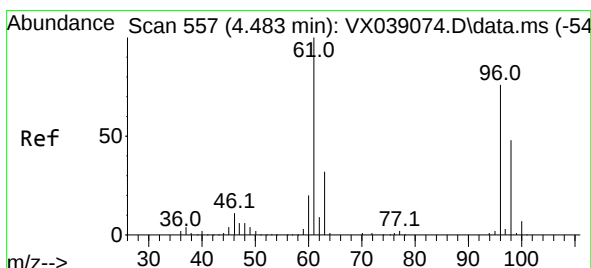
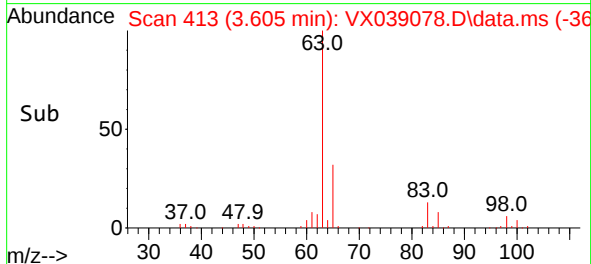
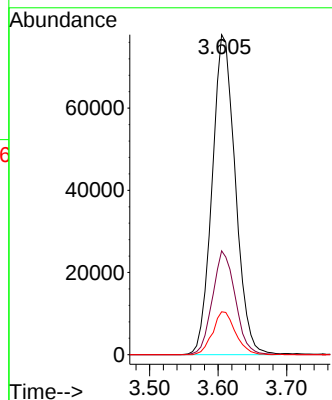
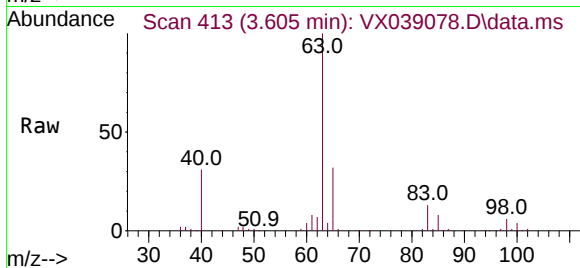
Tgt Ion: 63 Resp: 182993

Ion Ratio Lower Upper

63 100

65 32.5 21.1 39.3

83 13.4 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 53.182 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

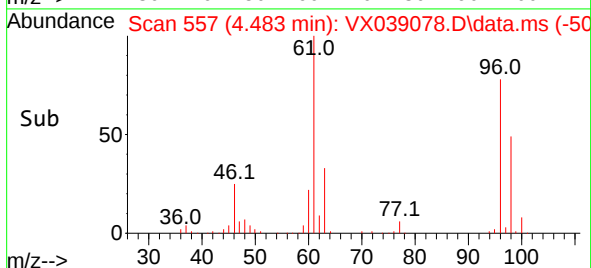
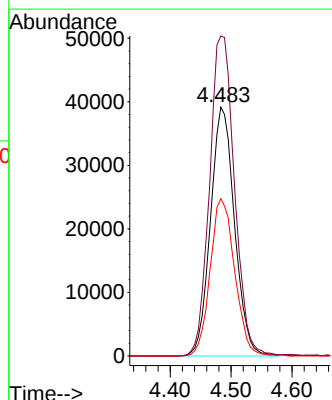
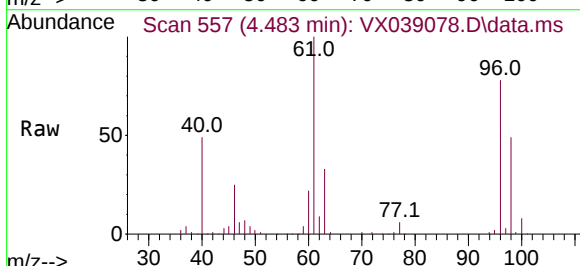
Tgt Ion: 96 Resp: 107535

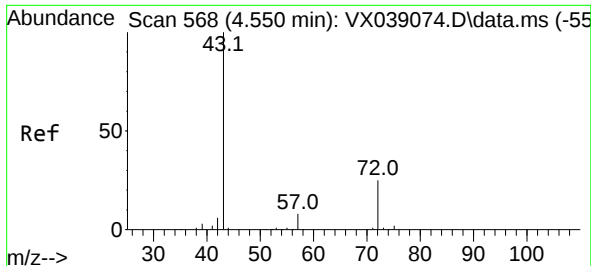
Ion Ratio Lower Upper

96 100

61 128.6 91.7 170.3

98 63.2 44.2 82.2

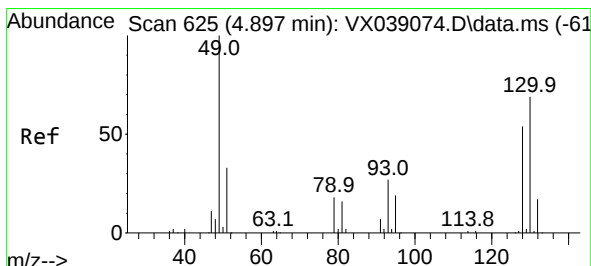
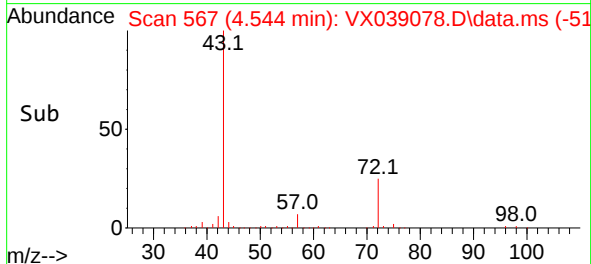
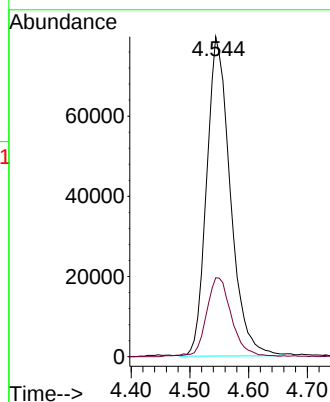
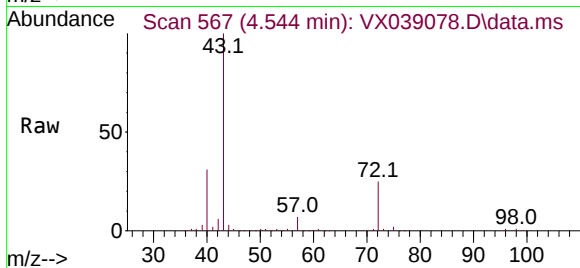




#22
2-Butanone
Concen: 103.709 ug/L
RT: 4.544 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

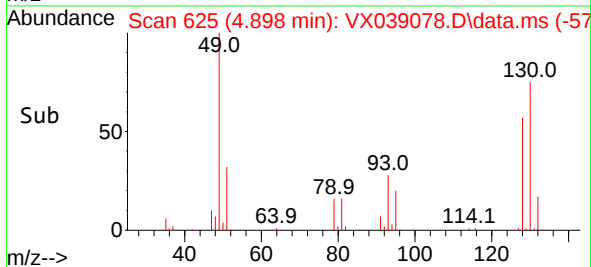
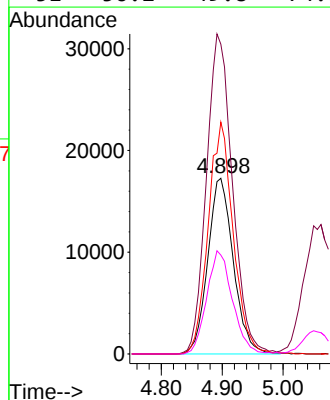
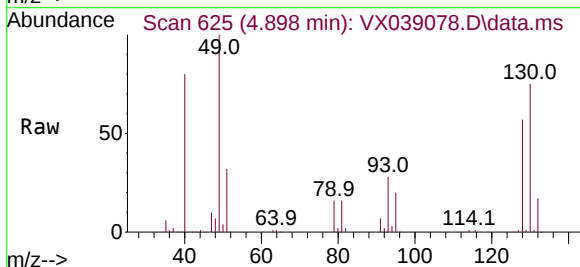
Instrument :
MSVOA_X
ClientSampleId :

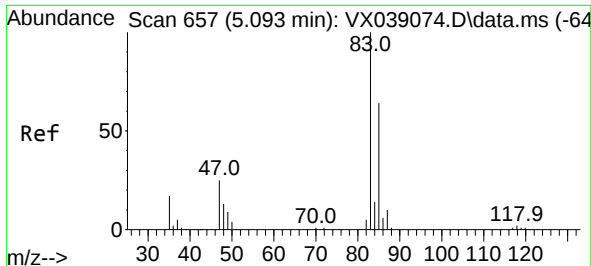
Tgt Ion: 43 Resp: 222957
Ion Ratio Lower Upper
43 100
72 25.3 12.6 37.6



#23
Bromochloromethane
Concen: 52.978 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

Tgt Ion:128 Resp: 50356
Ion Ratio Lower Upper
128 100
49 176.3 130.8 243.0
130 131.9 90.6 168.3
51 56.2 49.8 74.8

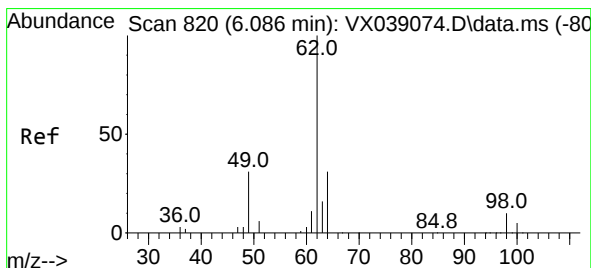
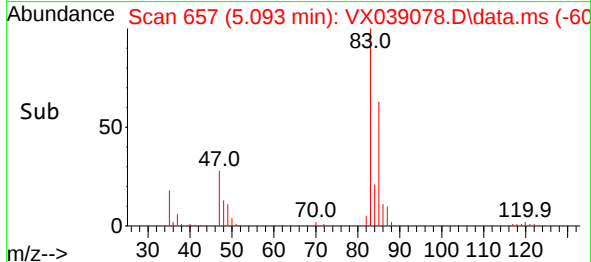
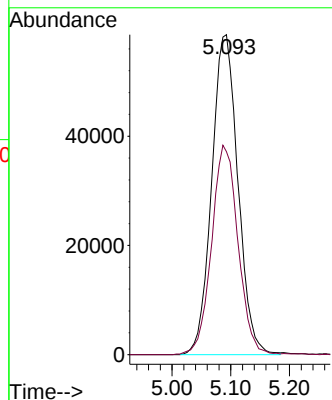
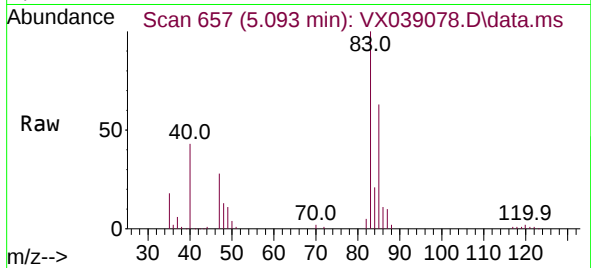




#25
Chloroform
Concen: 52.839 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

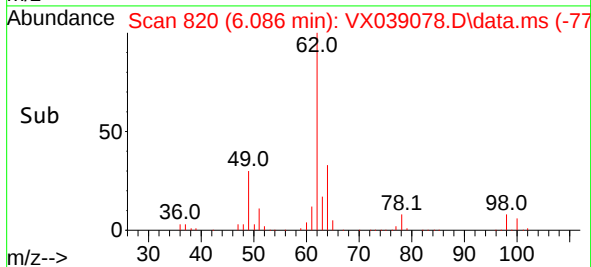
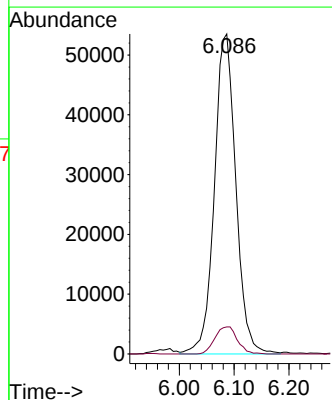
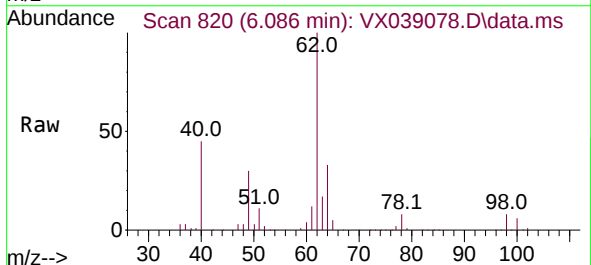
Instrument :
MSVOA_X
ClientSampleId :

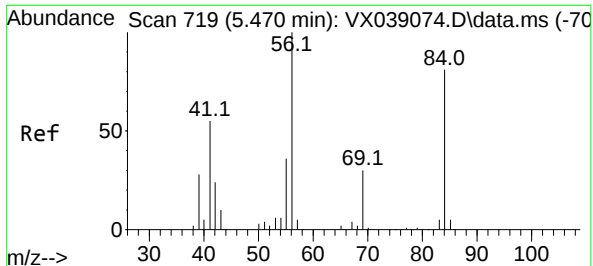
Tgt Ion: 83 Resp: 181666
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 53.664 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

Tgt Ion: 62 Resp: 145621
Ion Ratio Lower Upper
62 100
98 8.4 8.0 12.0





#29

Cyclohexane

Concen: 54.229 ug/L

RT: 5.465 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

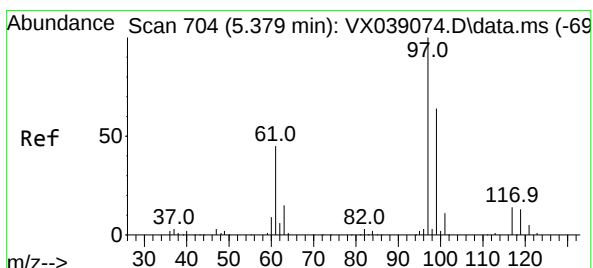
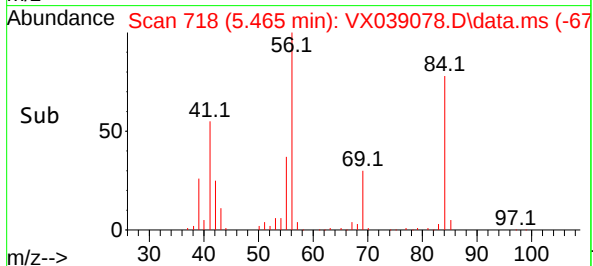
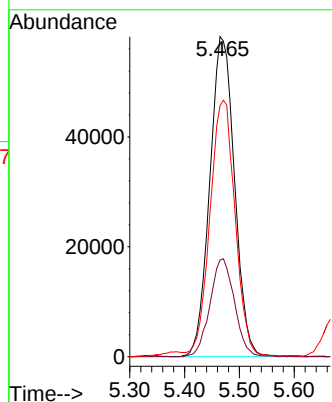
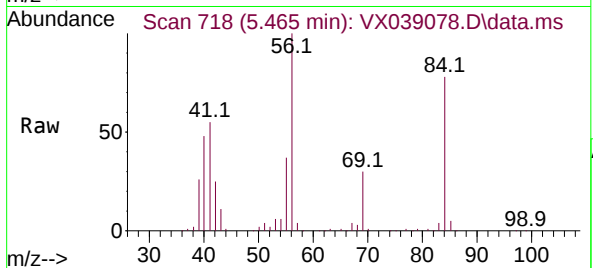
Tgt Ion: 56 Resp: 182489

Ion Ratio Lower Upper

56 100

69 30.3 24.5 36.7

84 80.7 67.0 100.4



#30

1,1,1-Trichloroethane

Concen: 53.170 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

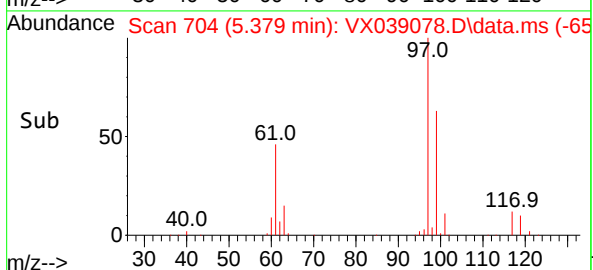
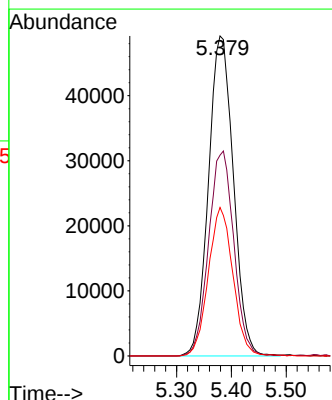
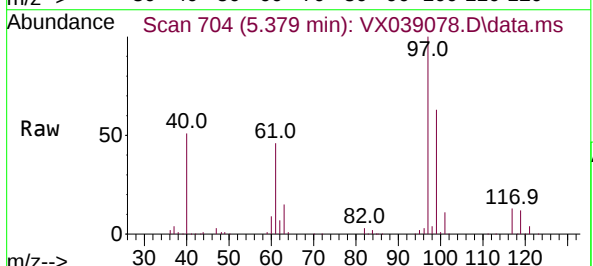
Tgt Ion: 97 Resp: 155190

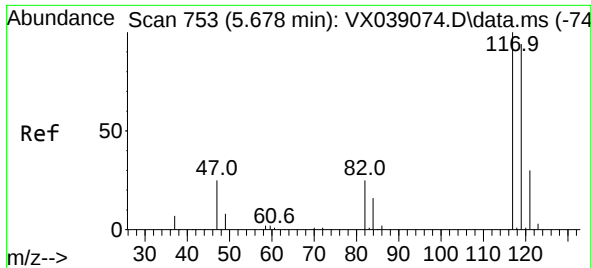
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 45.6 36.7 55.1

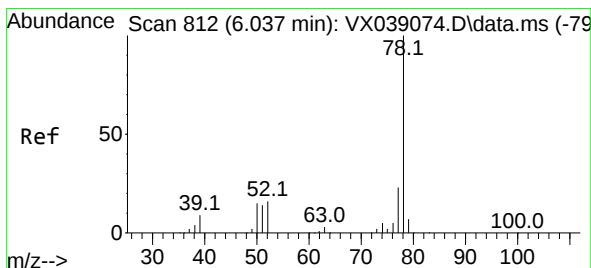
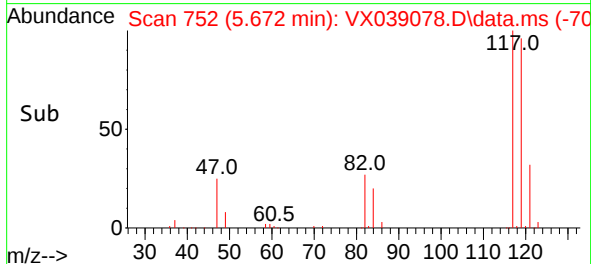
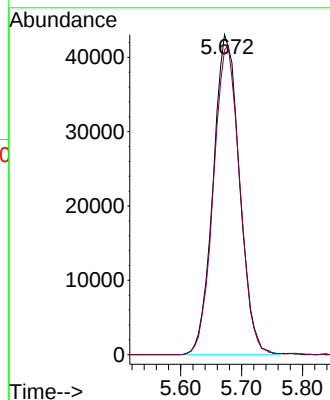
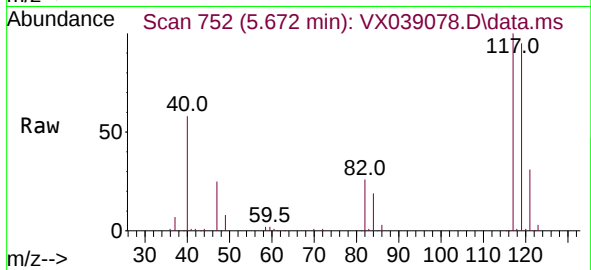




#31
Carbon tetrachloride
Concen: 53.024 ug/L
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

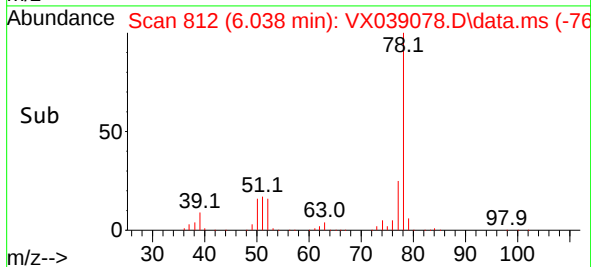
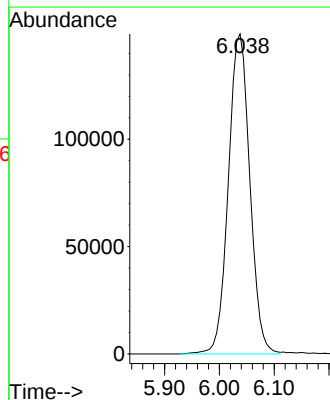
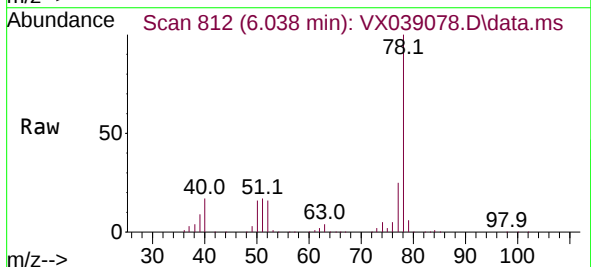
Instrument :
MSVOA_X
ClientSampleId :

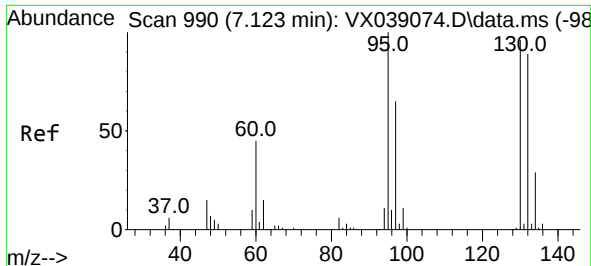
Tgt Ion:117 Resp: 129123
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.4



#33
Benzene
Concen: 53.102 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

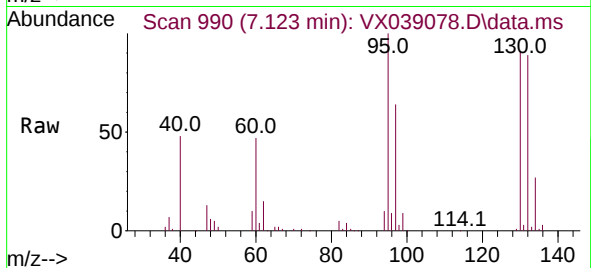
Tgt Ion: 78 Resp: 405956



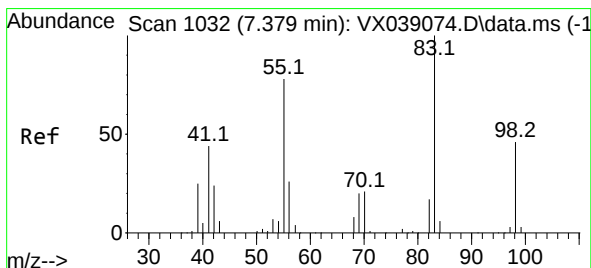
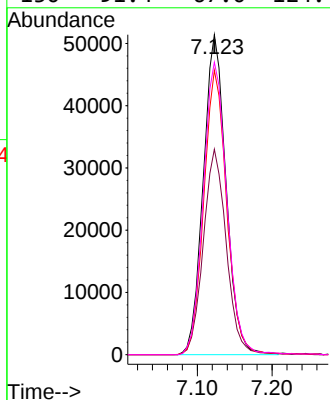
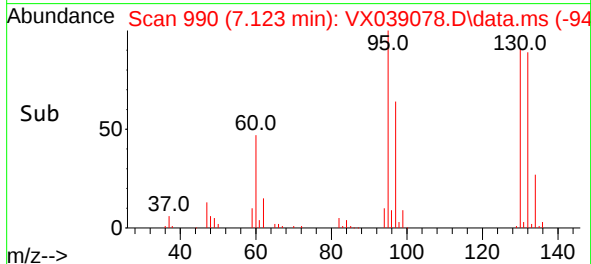


#34
Trichloroethene
Concen: 53.920 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

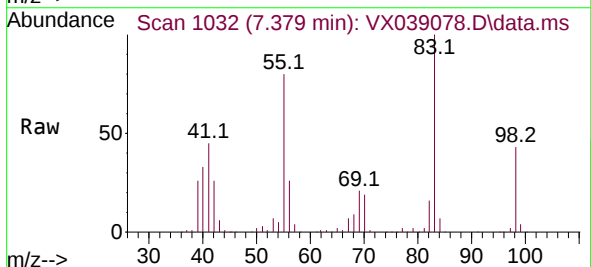
Instrument :
MSVOA_X
ClientSampleId :



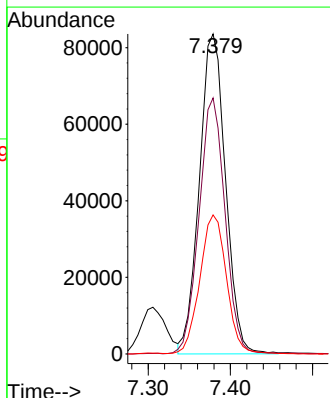
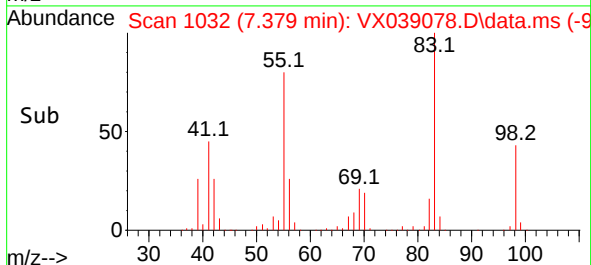
Tgt Ion: 95 Resp: 108935
Ion Ratio Lower Upper
95 100
97 64.2 45.5 84.5
132 88.8 62.2 115.4
130 91.4 67.0 124.4

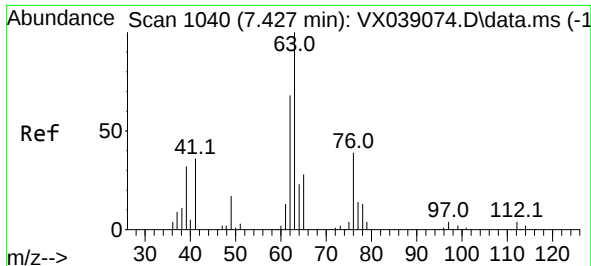


#35
Methylcyclohexane
Concen: 54.975 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35



Tgt Ion: 83 Resp: 184977
Ion Ratio Lower Upper
83 100
55 79.4 62.5 93.7
98 44.4 36.1 54.1





#37

1,2-Dichloropropane

Concen: 53.414 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

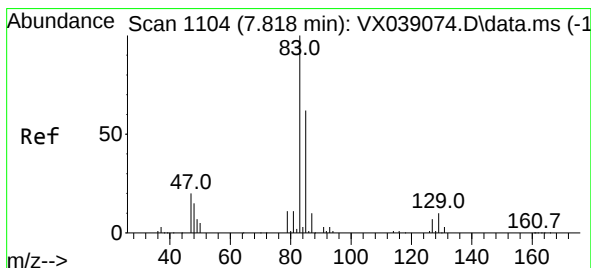
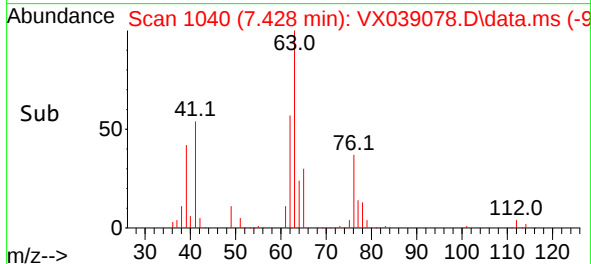
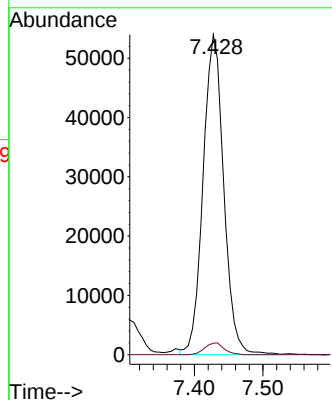
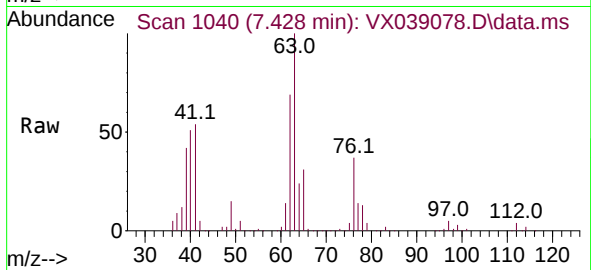
ClientSampleId :

Tgt Ion: 63 Resp: 113247

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 52.880 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

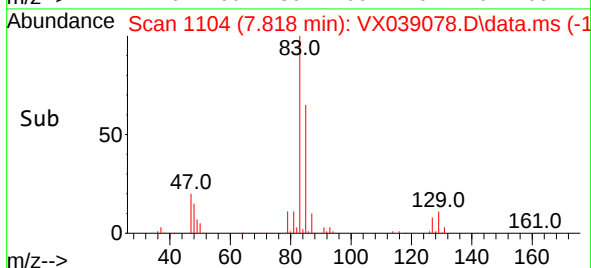
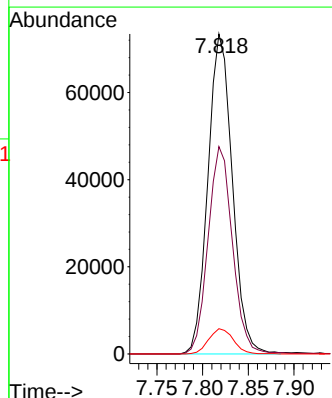
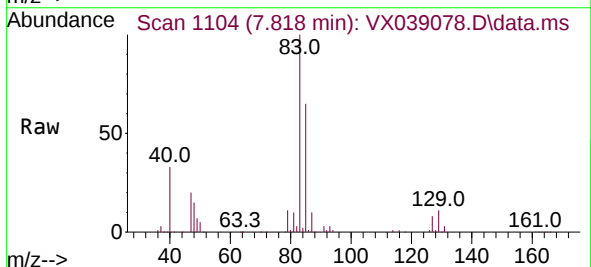
Tgt Ion: 83 Resp: 136365

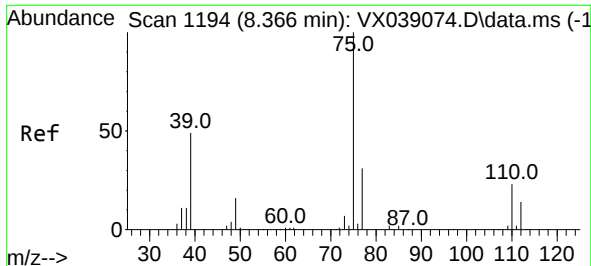
Ion Ratio Lower Upper

83 100

85 64.8 43.3 80.5

127 7.9 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 53.005 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

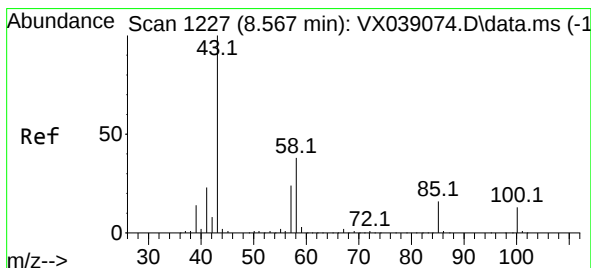
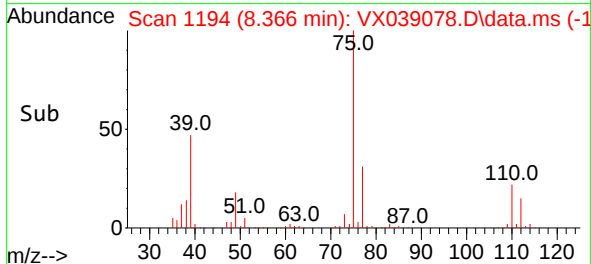
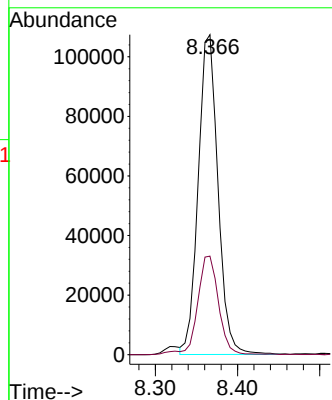
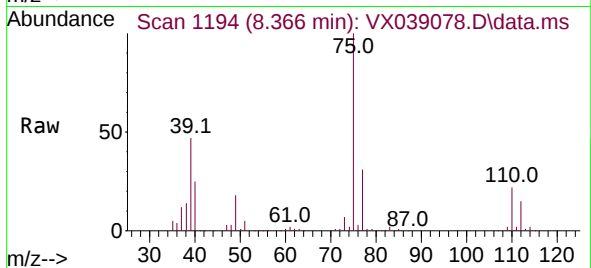
ClientSampleId :

Tgt Ion: 75 Resp: 179238

Ion Ratio Lower Upper

75 100

77 30.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 107.298 ug/L

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

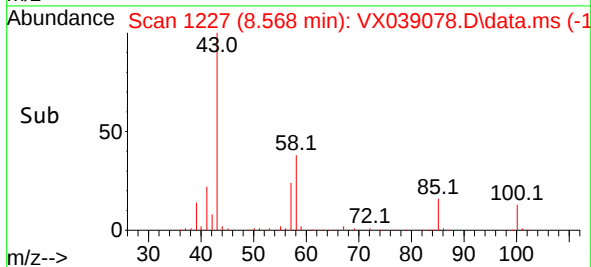
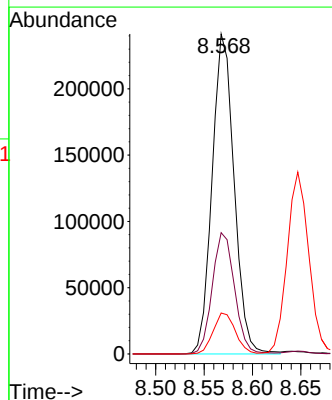
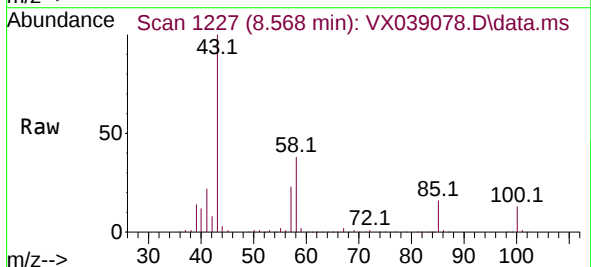
Tgt Ion: 43 Resp: 381271

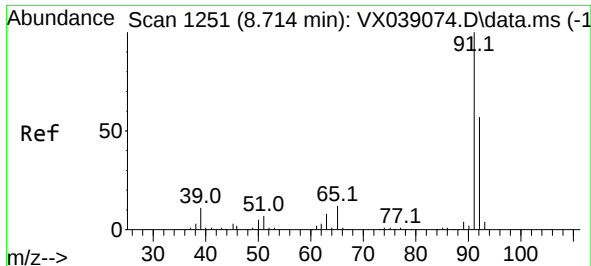
Ion Ratio Lower Upper

43 100

58 38.4 30.9 46.3

100 13.0 10.6 16.0





#42

Toluene

Concen: 53.054 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

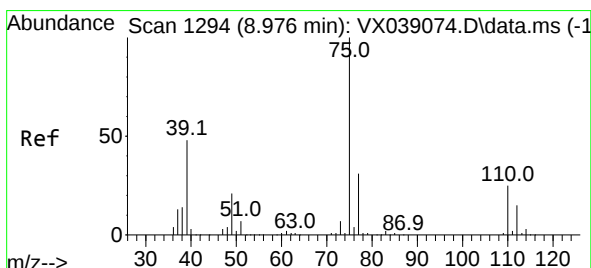
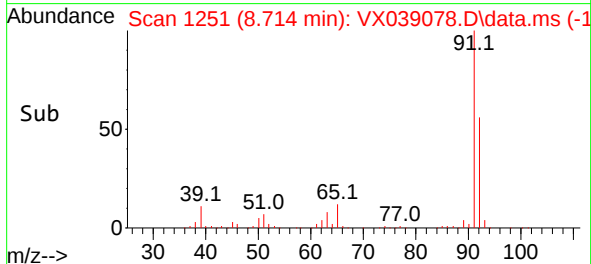
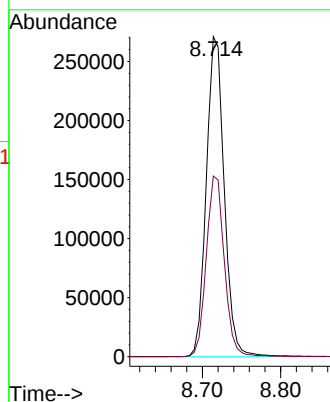
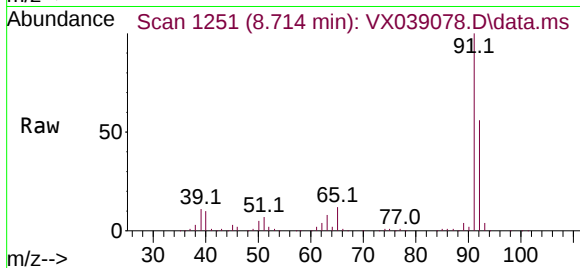
ClientSampleId :

Tgt Ion: 91 Resp: 430093

Ion Ratio Lower Upper

91 100

92 56.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 54.132 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX039078.D

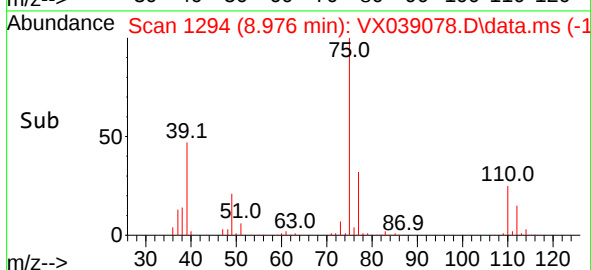
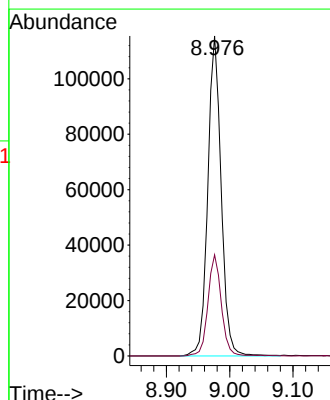
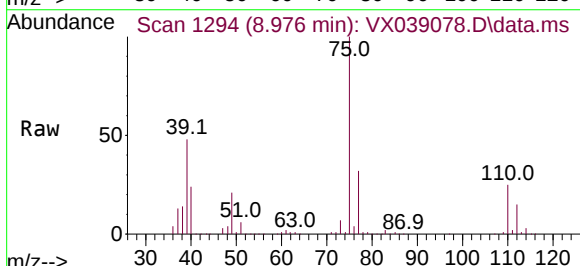
Acq: 05 Dec 2023 12:35

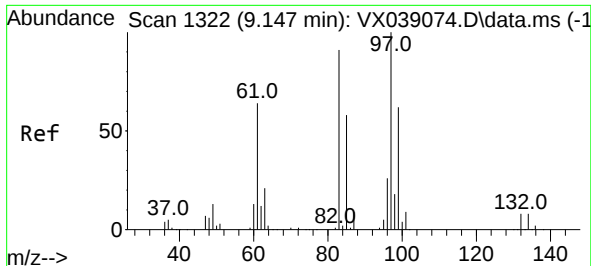
Tgt Ion: 75 Resp: 169867

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 52.701 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 102398

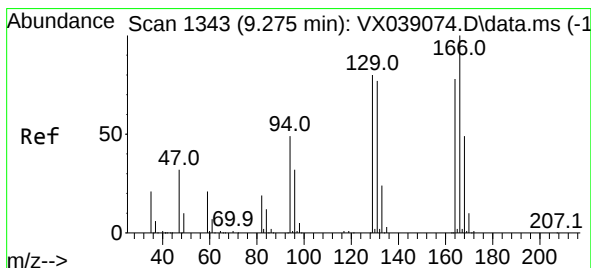
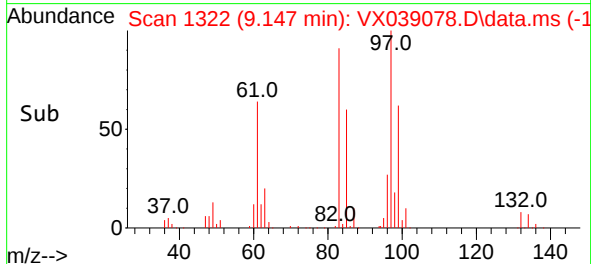
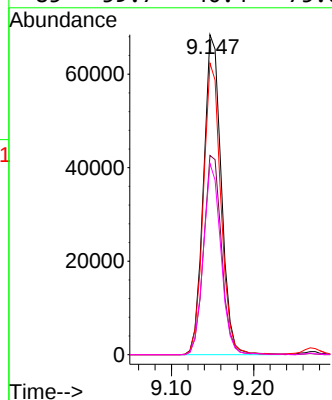
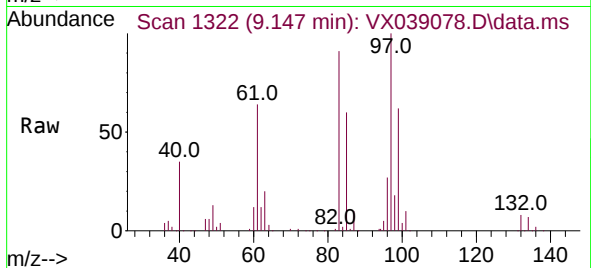
Ion Ratio Lower Upper

97 100

99 62.2 43.1 80.1

83 91.1 64.0 118.8

85 59.7 40.4 75.0



#46

Tetrachloroethene

Concen: 55.213 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Tgt Ion: 164 Resp: 73585

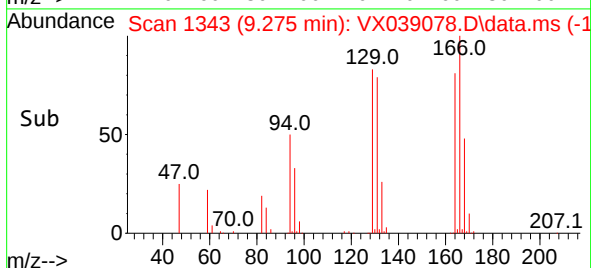
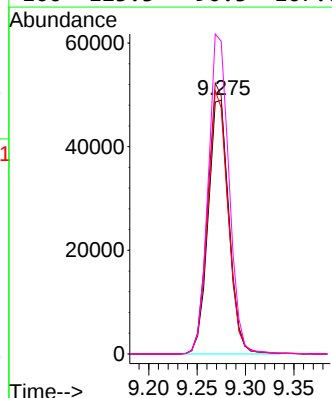
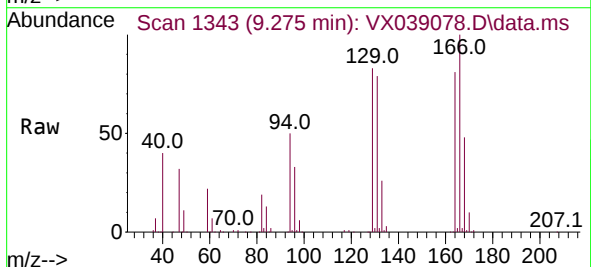
Ion Ratio Lower Upper

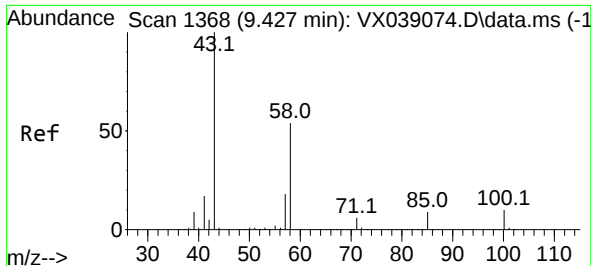
164 100

129 101.8 71.9 133.5

131 97.1 69.5 129.1

166 123.3 90.3 167.7





#48

2-Hexanone

Concen: 108.355 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

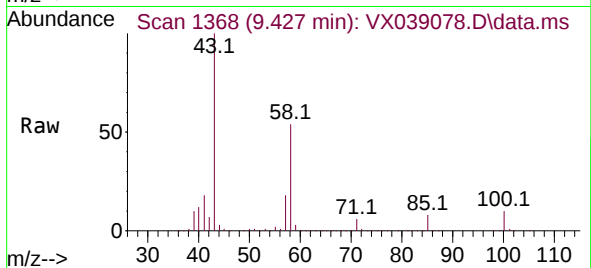
Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 322251

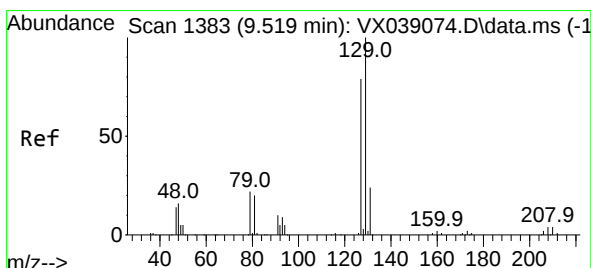
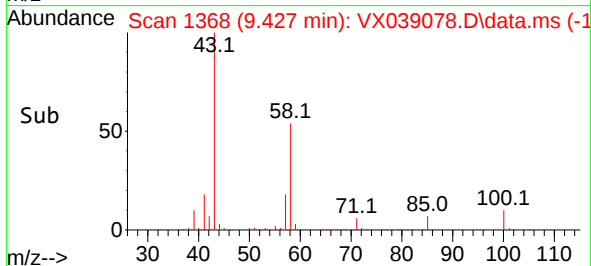
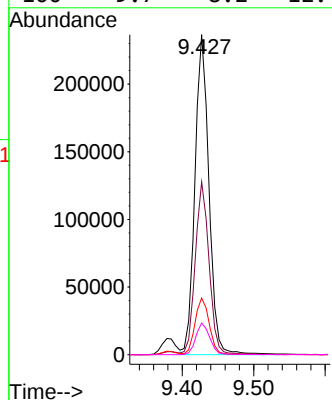
Ion Ratio Lower Upper

43 100

58 53.0 43.0 64.6

57 18.0 14.6 21.8

100 9.7 8.2 12.4



#49

Dibromochloromethane

Concen: 53.752 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039078.D

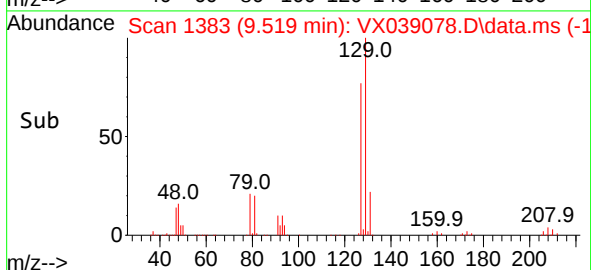
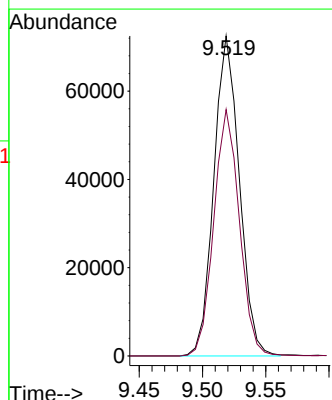
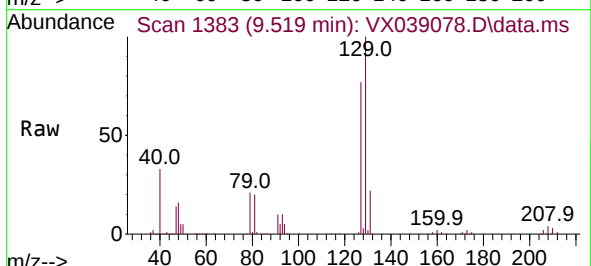
Acq: 05 Dec 2023 12:35

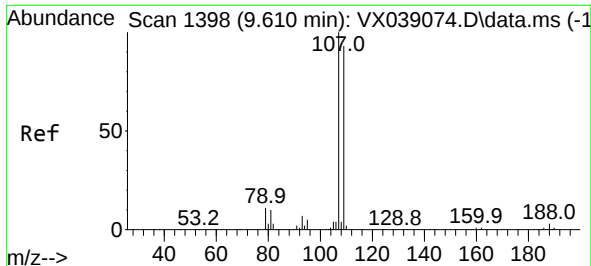
Tgt Ion:129 Resp: 101746

Ion Ratio Lower Upper

129 100

127 77.0 55.2 102.4





#50

1,2-Dibromoethane

Concen: 53.534 ug/L

RT: 9.610 min Scan# 1

Delta R.T. 0.000 min

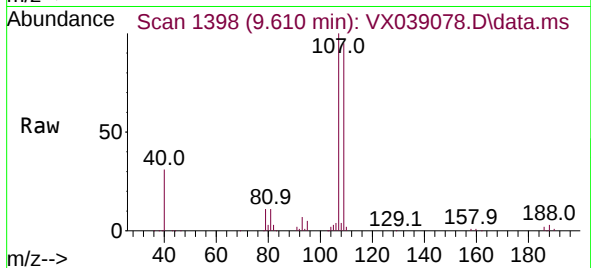
Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :



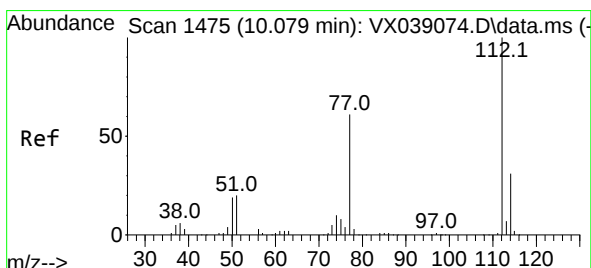
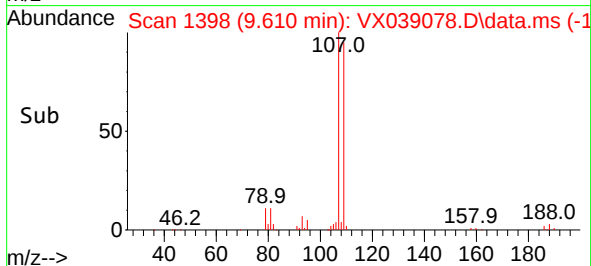
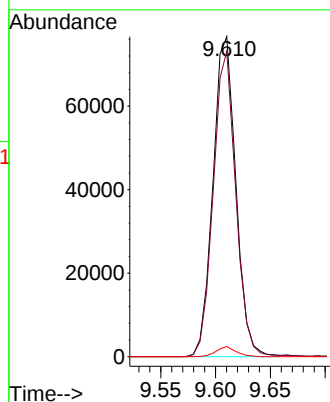
Tgt Ion:107 Resp: 111435

Ion Ratio Lower Upper

107 100

109 95.5 65.2 121.0

188 3.2 2.5 3.7



#51

Chlorobenzene

Concen: 53.483 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

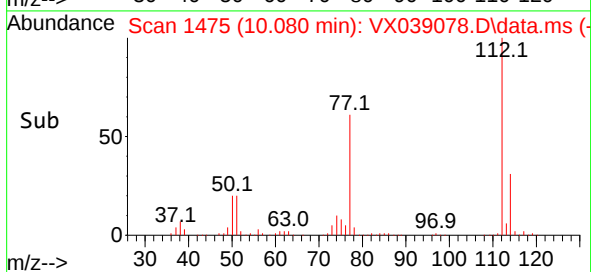
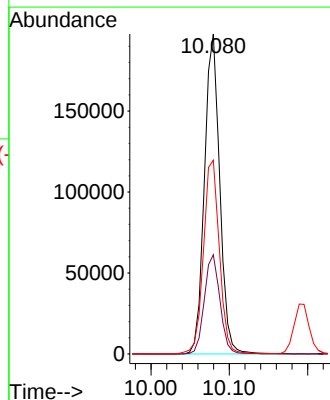
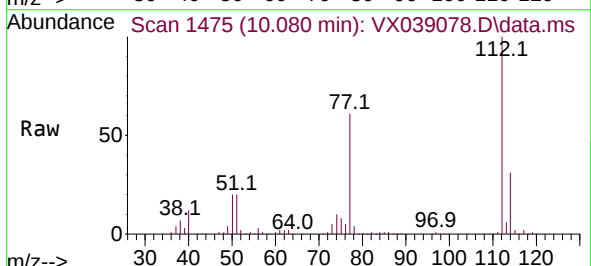
Tgt Ion:112 Resp: 267814

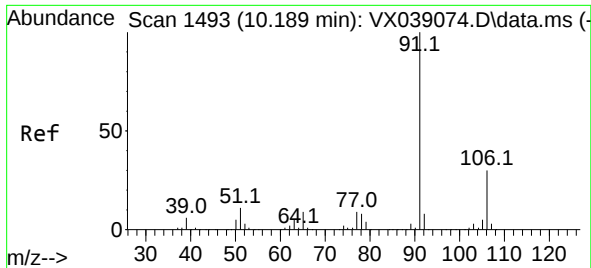
Ion Ratio Lower Upper

112 100

114 31.0 21.8 40.4

77 60.6 49.0 73.6

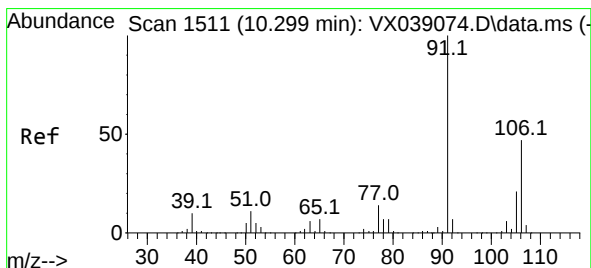
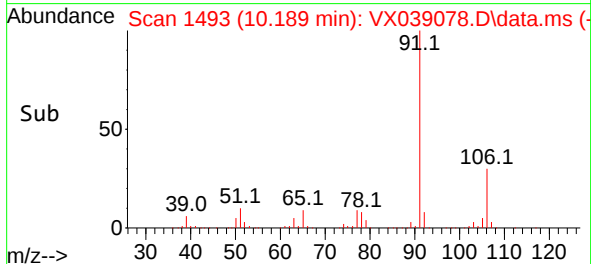
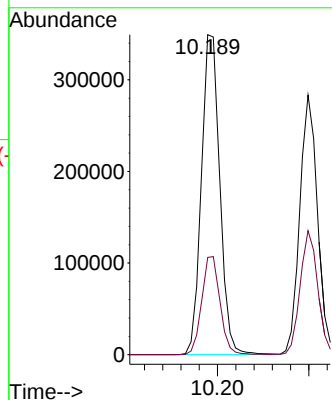
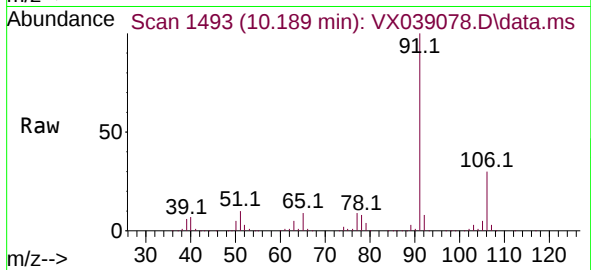




#52
Ethylbenzene
Concen: 53.795 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

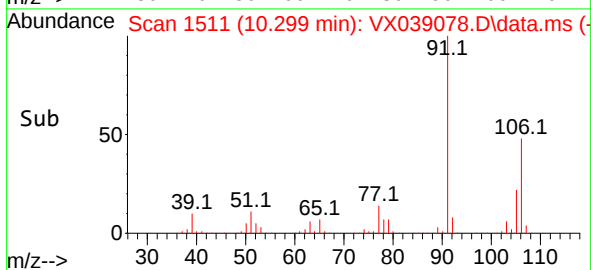
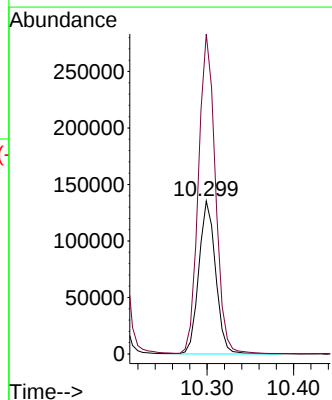
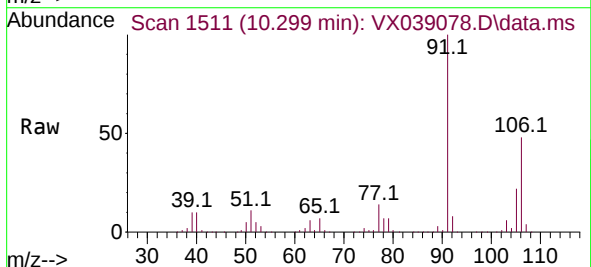
Instrument :
MSVOA_X
ClientSampleId :

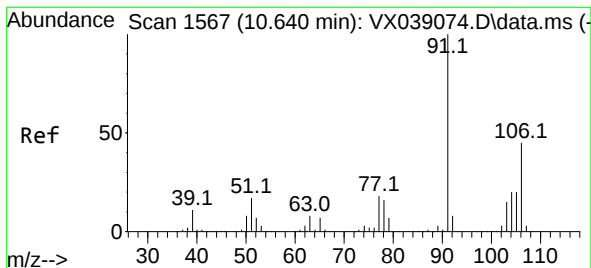
Tgt Ion: 91 Resp: 487540
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 53.864 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

Tgt Ion: 106 Resp: 182520
Ion Ratio Lower Upper
106 100
91 209.2 149.0 276.8





#54

o-Xylene

Concen: 54.119 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

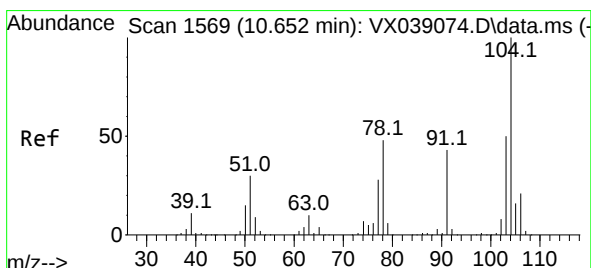
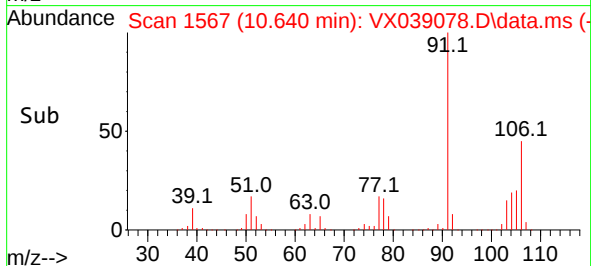
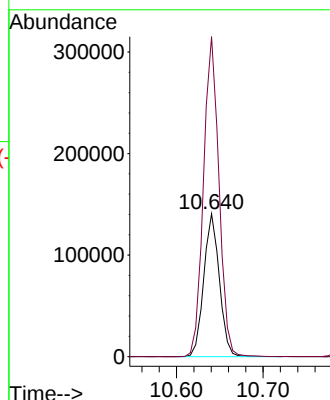
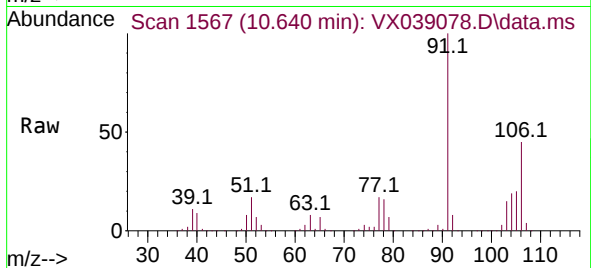
ClientSampleId :

Tgt Ion:106 Resp: 175965

Ion Ratio Lower Upper

106 100

91 223.9 156.2 290.0



#55

Styrene

Concen: 54.014 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039078.D

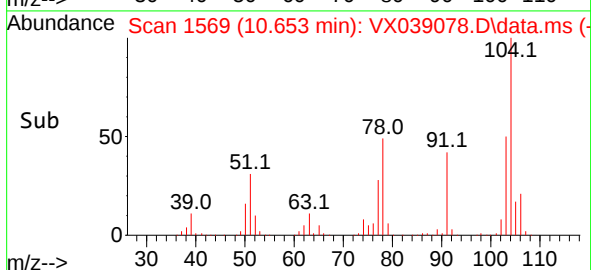
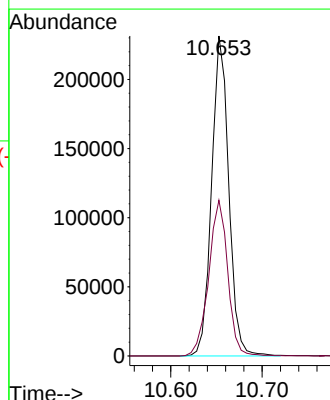
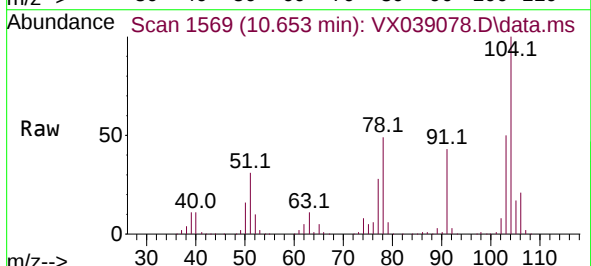
Acq: 05 Dec 2023 12:35

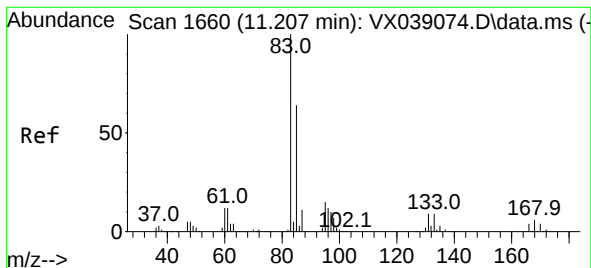
Tgt Ion:104 Resp: 300502

Ion Ratio Lower Upper

104 100

78 48.6 33.5 62.1

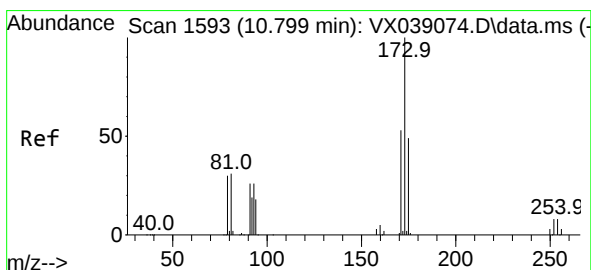
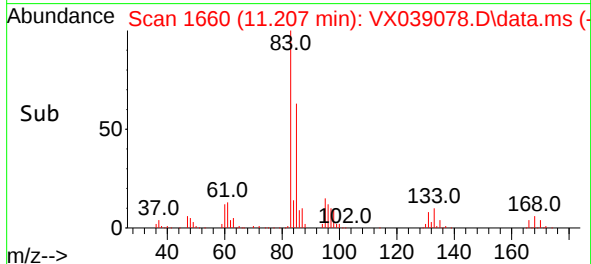
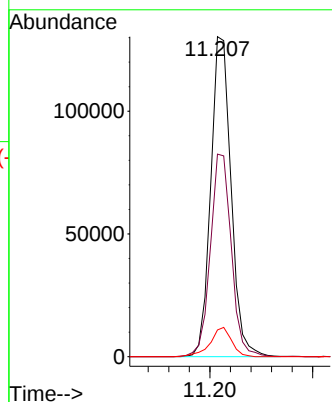
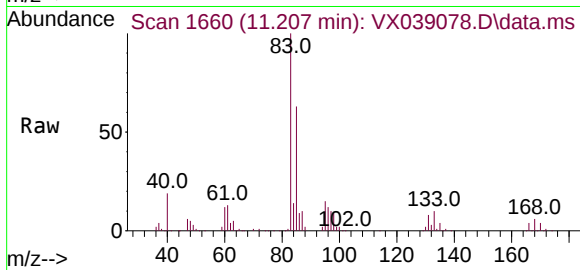




#57
1,1,2,2-Tetrachloroethane
Concen: 52.714 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

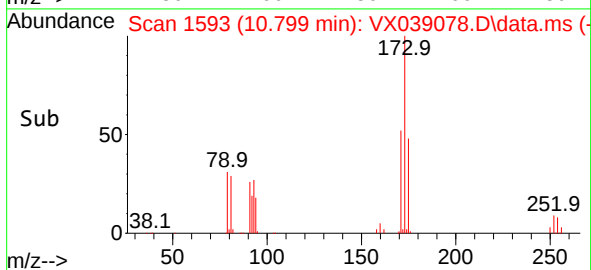
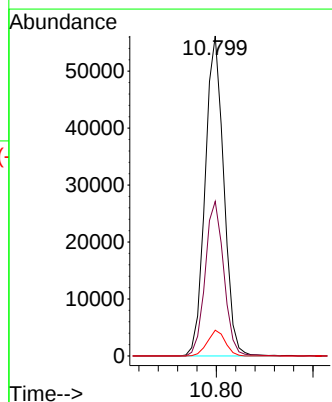
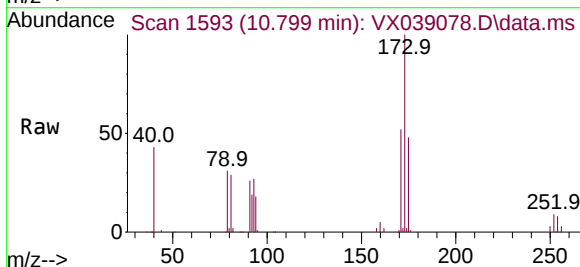
Instrument :
MSVOA_X
ClientSampleId :

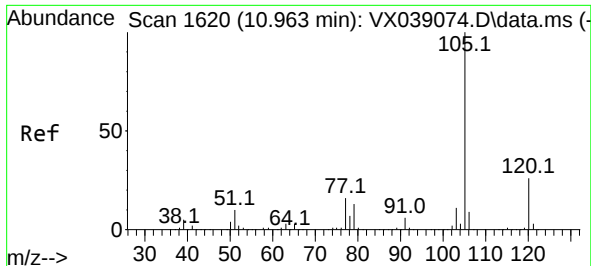
Tgt Ion: 83 Resp: 178749
Ion Ratio Lower Upper
83 100
85 63.3 45.2 84.0
131 8.4 7.2 10.8



#59
Bromoform
Concen: 52.470 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

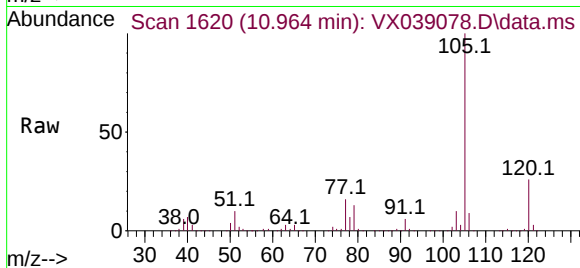
Tgt Ion:173 Resp: 75299
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 7.7 6.2 9.2



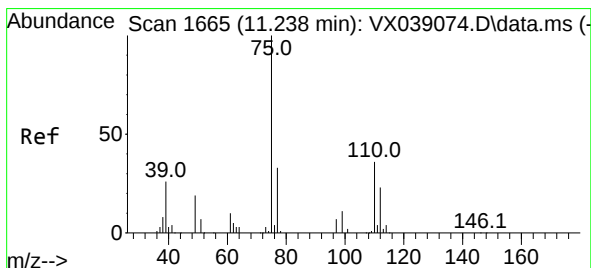
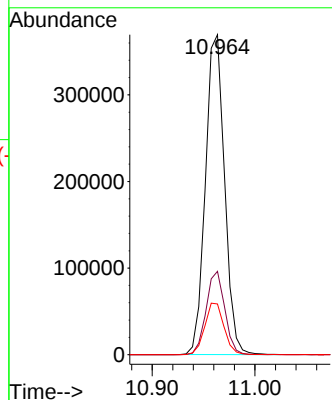
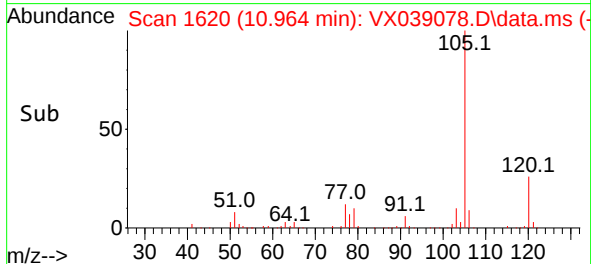


#60
Isopropylbenzene
Concen: 53.720 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35

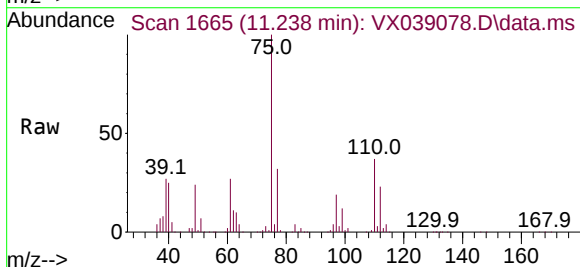
Instrument :
MSVOA_X
ClientSampleId :



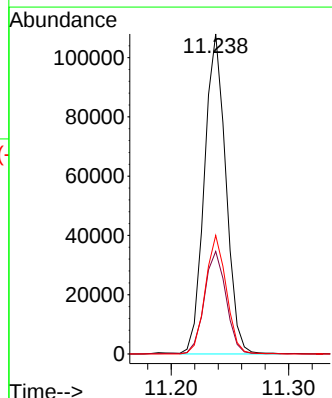
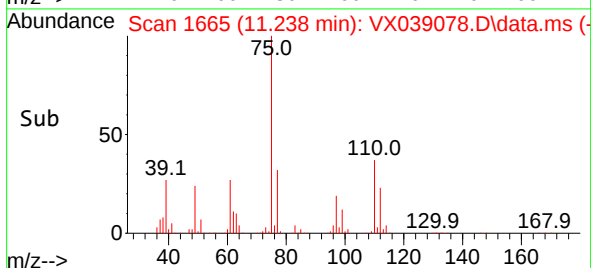
Tgt Ion:105 Resp: 479321
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.2 13.0 19.6

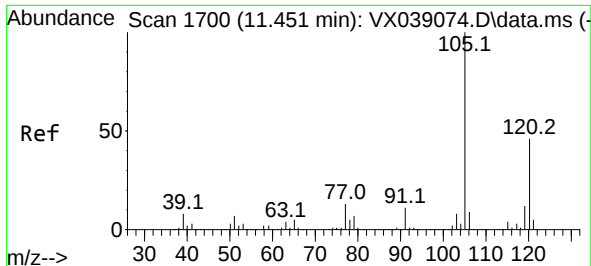


#61
1,2,3-Trichloropropane
Concen: 51.323 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039078.D
Acq: 05 Dec 2023 12:35



Tgt Ion: 75 Resp: 137284
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
110 36.0 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 53.875 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

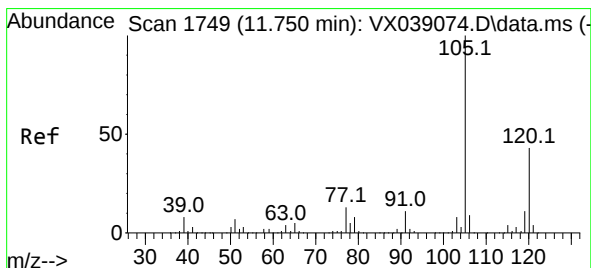
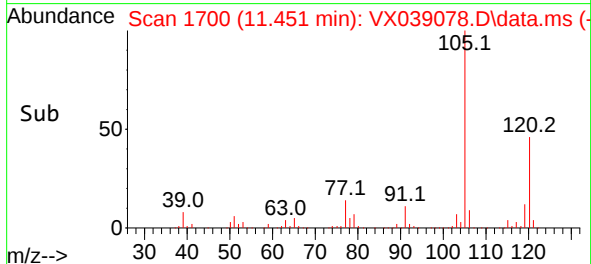
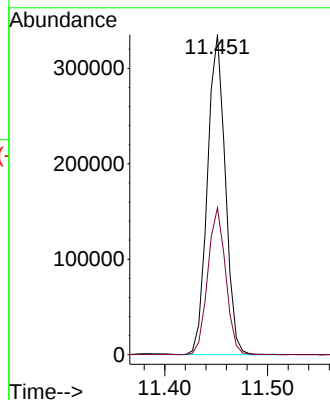
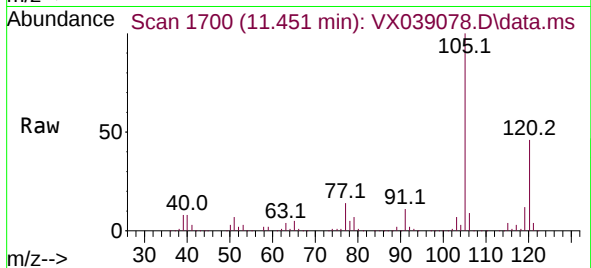
ClientSampleId :

Tgt Ion:105 Resp: 405830

Ion Ratio Lower Upper

105 100

120 45.9 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 53.971 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039078.D

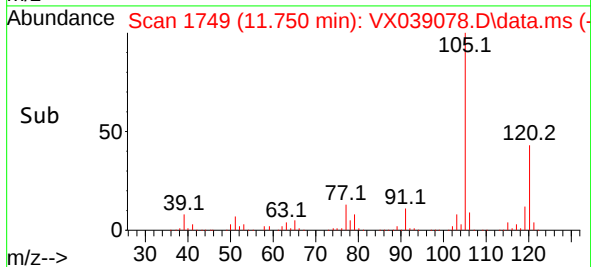
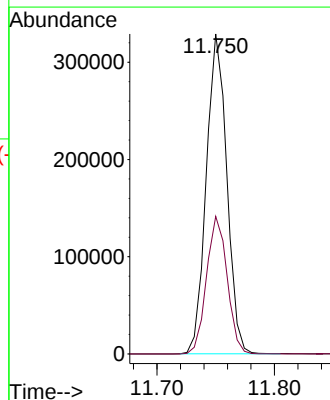
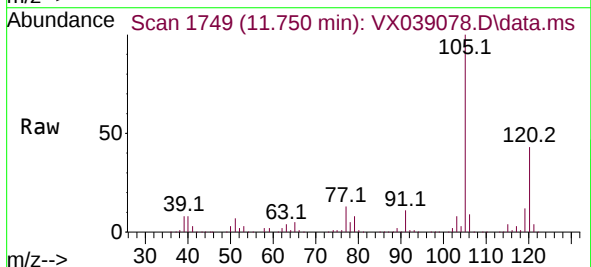
Acq: 05 Dec 2023 12:35

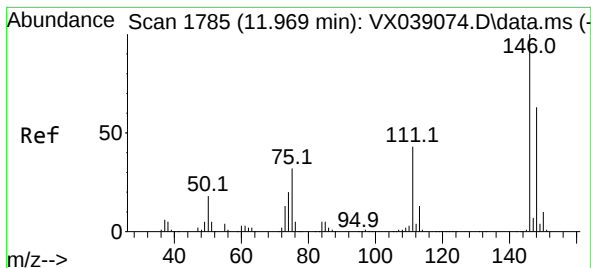
Tgt Ion:105 Resp: 398651

Ion Ratio Lower Upper

105 100

120 43.2 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 52.642 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

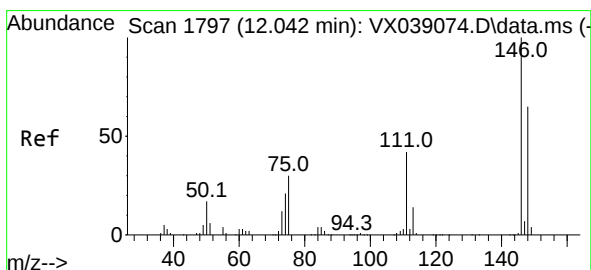
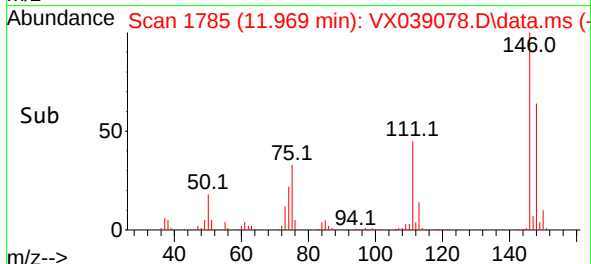
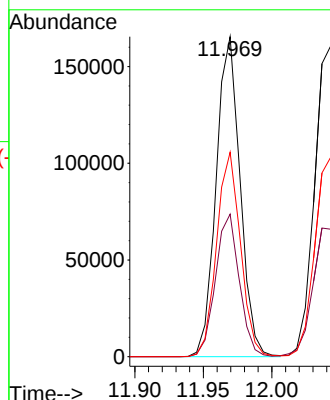
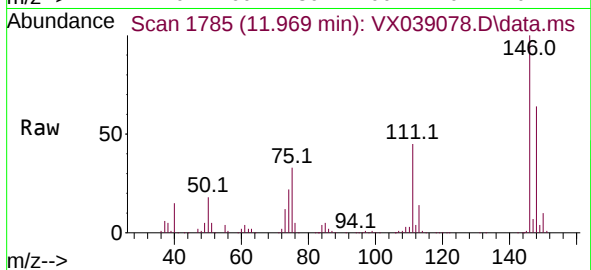
Tgt Ion:146 Resp: 201039

Ion Ratio Lower Upper

146 100

111 44.6 30.0 55.6

148 63.9 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 53.085 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

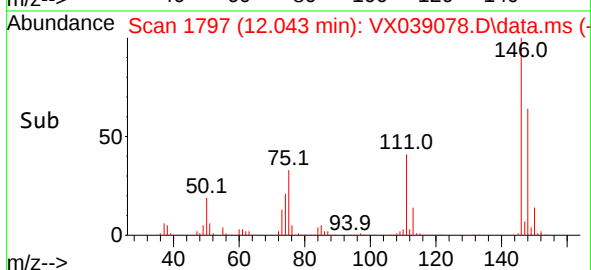
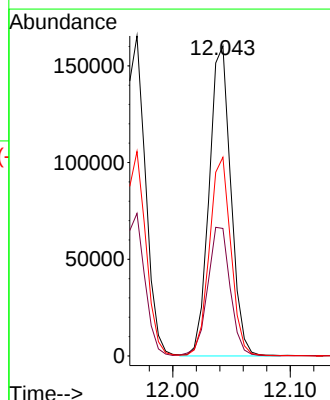
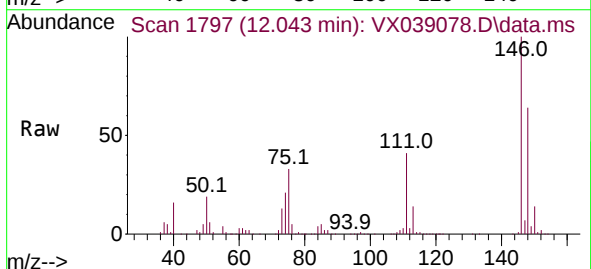
Tgt Ion:146 Resp: 205436

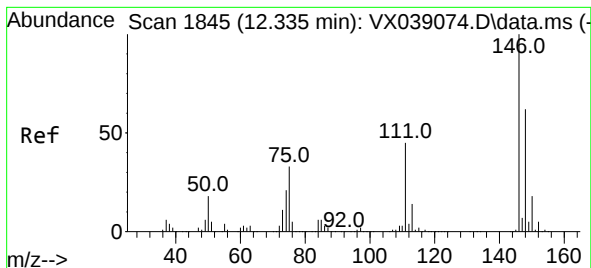
Ion Ratio Lower Upper

146 100

111 41.2 29.7 55.1

148 64.1 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 53.137 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

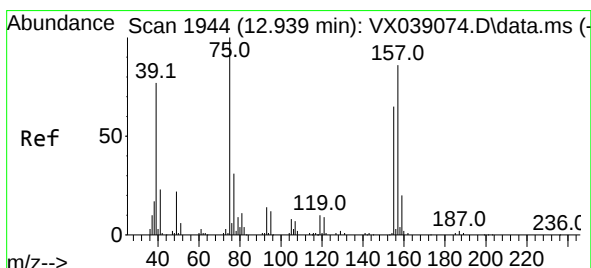
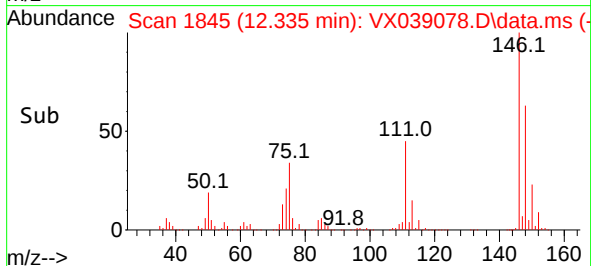
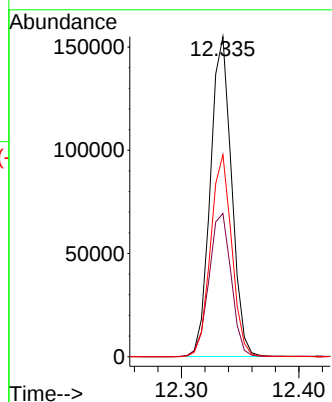
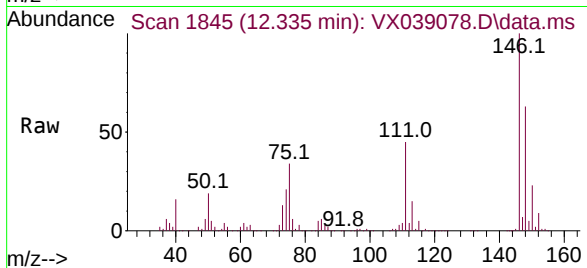
Tgt Ion:146 Resp: 194120

Ion Ratio Lower Upper

146 100

111 44.7 36.4 54.6

148 63.1 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 52.179 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

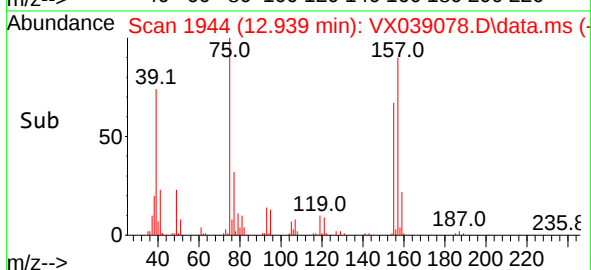
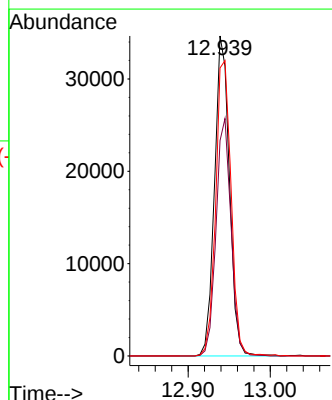
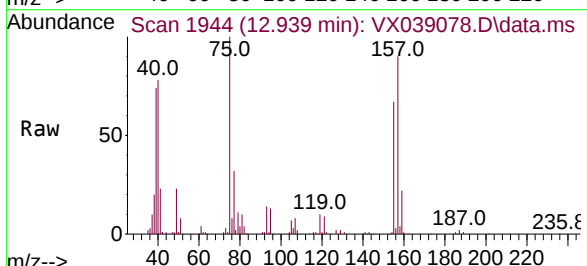
Tgt Ion: 75 Resp: 43560

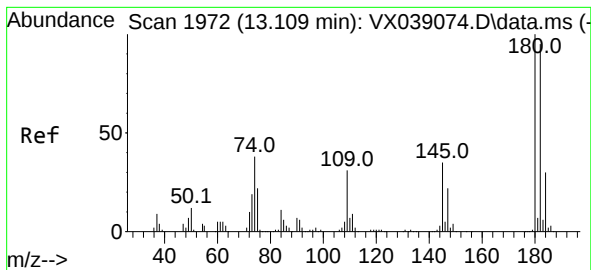
Ion Ratio Lower Upper

75 100

155 67.3 52.3 78.5

157 90.0 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 54.550 ug/L

RT: 13.110 min Scan# 1972

Delta R.T. 0.000 min

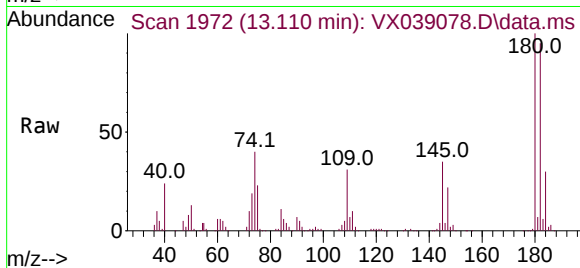
Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 137773

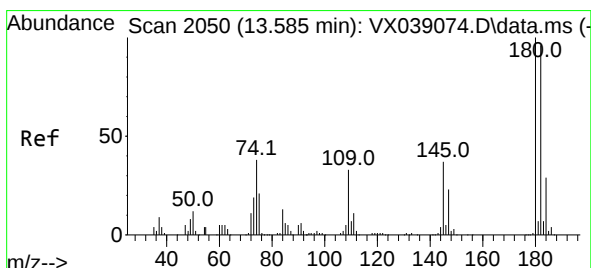
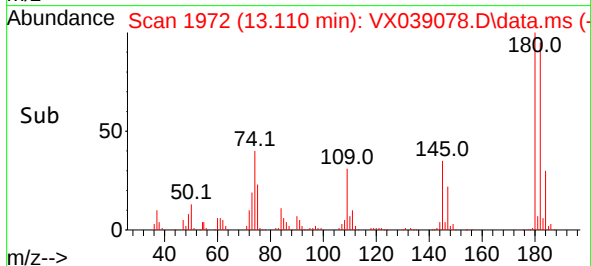
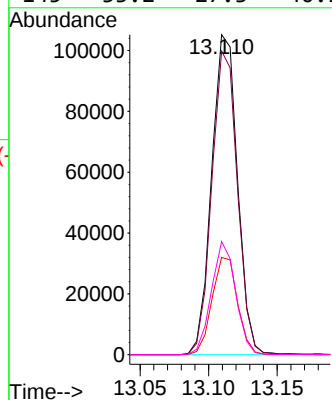
Ion Ratio Lower Upper

180 100

182 94.0 76.1 114.1

184 30.1 24.1 36.1

145 33.2 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 54.361 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

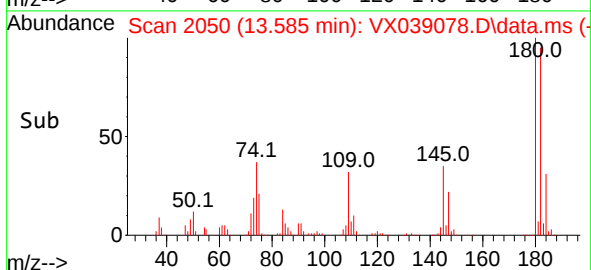
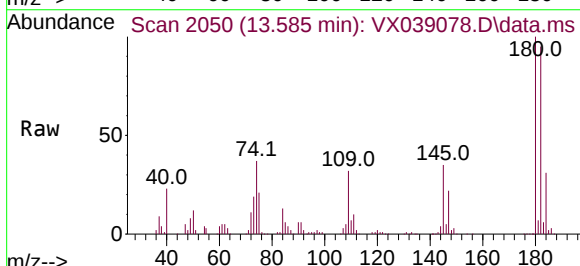
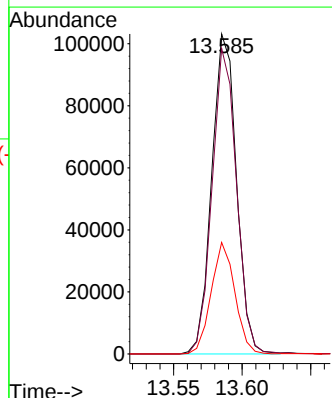
Tgt Ion:180 Resp: 129432

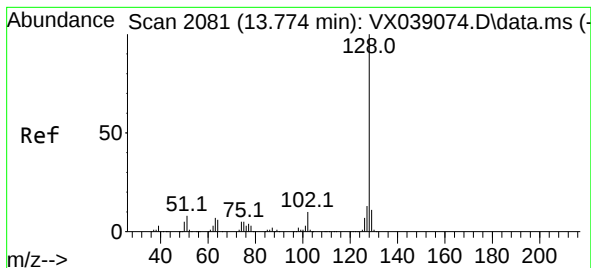
Ion Ratio Lower Upper

180 100

182 94.4 76.8 115.2

145 33.5 27.8 41.6





#71

Naphthalene

Concen: 53.495 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

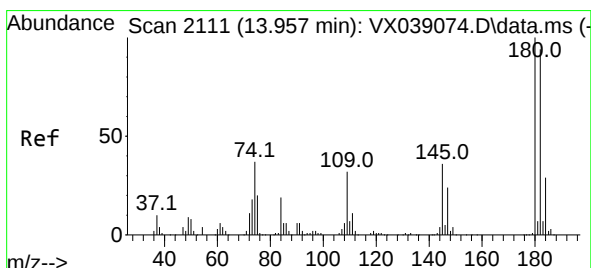
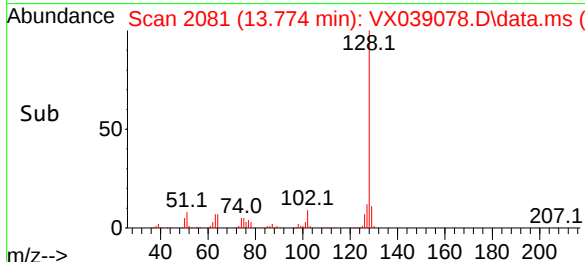
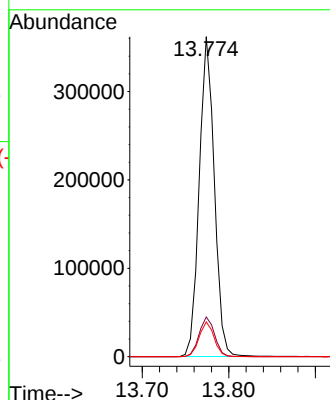
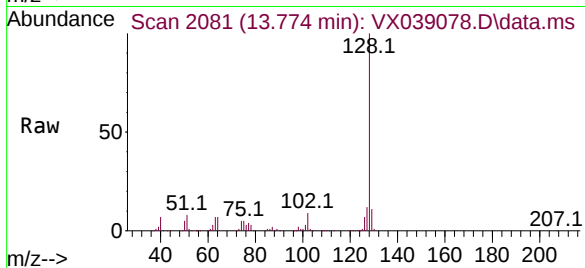
Tgt Ion:128 Resp: 436820

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.699 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039078.D

Acq: 05 Dec 2023 12:35

Tgt Ion:180 Resp: 123799

Ion Ratio Lower Upper

180 100

182 94.0 75.9 113.9

145 36.2 28.6 42.8

