

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
 Data File : VX039315.D
 Acq On : 18 Dec 2023 16:36
 Operator : JC/MD
 Sample : 05806-08MSDME
 Misc : 5.09/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 18 21:48:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 18 21:43:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	236082	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	214490	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	109156	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67703	36.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.120%
7) Chloroethane-d5	1.807	69	230	0.168	ug/L	0.14
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.340%#
11) 1,1-Dichloroethene-d2	2.276	65	32740	40.279	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.560%
21) 2-Butanone-d5	4.495	46	151128	90.164	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.160%
24) Chloroform-d	5.062	84	154732	47.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.958	65	102904	48.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.940%
32) Benzene-d6	5.970	84	297842	44.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.980%
36) 1,2-Dichloropropane-d6	7.312	67	95012	44.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.200%
41) Toluene-d8	8.647	98	258984	43.172	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.340%
43) trans-1,3-Dichloroprop...	8.952	79	45858	42.301	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.600%
47) 2-Hexanone-d5	9.397	63	113110	88.897	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.900%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	138566	45.852	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.700%
66) 1,2-Dichlorobenzene-d4	12.323	152	90266	43.750	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	95968	50.973	ug/L	99
3) Chloromethane	1.301	50	97995	49.798	ug/L	100
5) Vinyl chloride	1.374	62	99129	51.112	ug/L	96
6) Bromomethane	1.599	94	35741	34.141	ug/L	100
8) Chloroethane	1.666	64	26689	24.341	ug/L	100
9) Trichlorofluoromethane	1.837	101	75022	29.847	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.294	101	92526	57.226	ug/L	99
12) 1,1-Dichloroethene	2.288	96	82962	54.549	ug/L	95
13) Acetone	2.416	43	154886	96.189	ug/L	94
14) Carbon disulfide	2.483	76	227817	47.073	ug/L	100
15) Methyl Acetate	2.721	43	130363	56.641	ug/L	98
16) Methylene chloride	2.782	84	95181	54.471	ug/L	95
17) trans-1,2-Dichloroethene	3.075	96	88613	55.299	ug/L	96
18) Methyl tert-butyl Ether	3.136	73	325905	58.429	ug/L	97
19) 1,1-Dichloroethane	3.599	63	178865	56.451	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	100772	54.218	ug/L	96
22) 2-Butanone	4.593	43	197324	99.852	ug/L	98
23) Bromochloromethane	4.898	128	41659	47.680	ug/L	97
25) Chloroform	5.099	83	179236	56.714	ug/L	97

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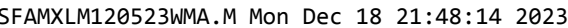
Instrument :
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 ClientSampleId :

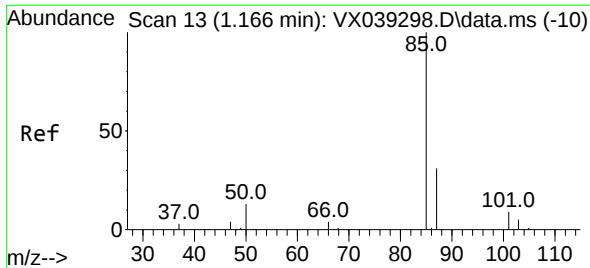
Quant Time: Dec 18 21:48:04 2023
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 Quant Title : VOC Analysis
 QLast Update : Mon Dec 18 21:43:41 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	152716	61.225	ug/L #	94
29) Cyclohexane	5.452	56	165371	55.115	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	149718	57.530	ug/L	99
31) Carbon tetrachloride	5.672	117	115791	53.329	ug/L	100
33) Benzene	6.031	78	376442	55.227	ug/L	100
34) Trichloroethene	7.123	95	100448	55.762	ug/L	96
35) Methylcyclohexane	7.373	83	163278	54.424	ug/L	96
37) 1,2-Dichloropropane	7.434	63	102835	54.398	ug/L	100
38) Bromodichloromethane	7.824	83	120940	52.598	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	160371	53.190	ug/L	99
40) 4-Methyl-2-pentanone	8.586	43	343392	108.384	ug/L	98
42) Toluene	8.720	91	385544	53.339	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	150674	53.851	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	94905	54.782	ug/L	98
46) Tetrachloroethene	9.275	164	63421	53.370	ug/L	97
48) 2-Hexanone	9.439	43	282712	106.614	ug/L	98
49) Dibromochloromethane	9.525	129	83373	49.399	ug/L	99
50) 1,2-Dibromoethane	9.610	107	99691	53.712	ug/L	97
51) Chlorobenzene	10.079	112	235721	52.795	ug/L	95
52) Ethylbenzene	10.195	91	434398	53.757	ug/L	100
53) m,p-Xylene	10.305	106	158131	52.339	ug/L	100
54) o-Xylene	10.640	106	152390	52.565	ug/L	97
55) Styrene	10.659	104	264326	53.287	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	161734	53.494	ug/L	98
59) Bromoform	10.805	173	56382	43.950	ug/L	100
60) Isopropylbenzene	10.963	105	418099	52.419	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	128600	53.781	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	355716	52.825	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	355036	53.770	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	177415	51.968	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	181180	52.372	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	169728	51.973	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	38206	51.196	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	121757	53.929	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	115754	54.385	ug/L	99
71) Naphthalene	13.774	128	402340	55.119	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	113078	54.869	ug/L	98

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

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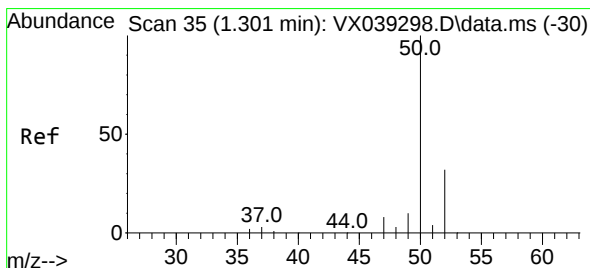
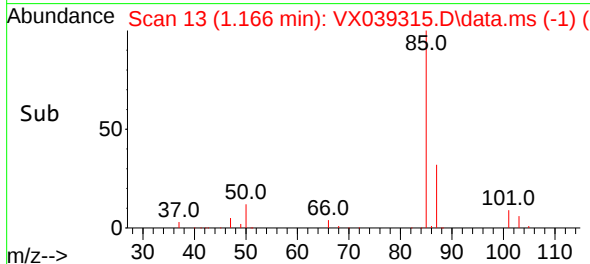
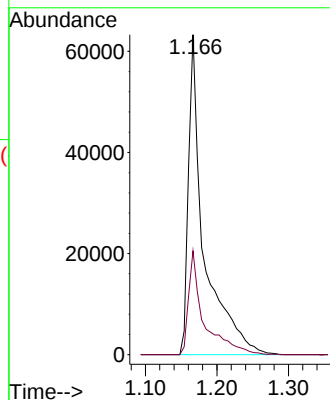
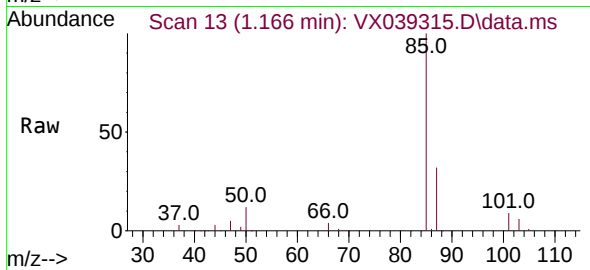




#2
 Dichlorodifluoromethane
 Concen: 50.973 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039315.D
 Acq: 18 Dec 2023 16:36

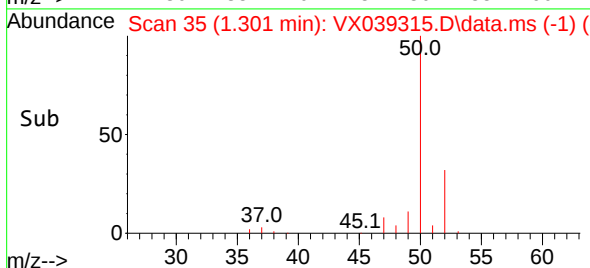
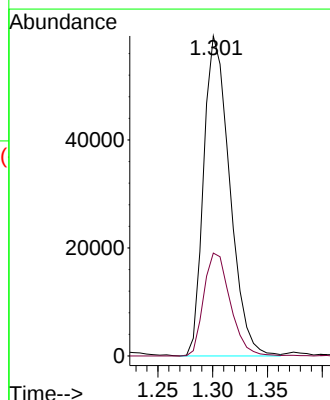
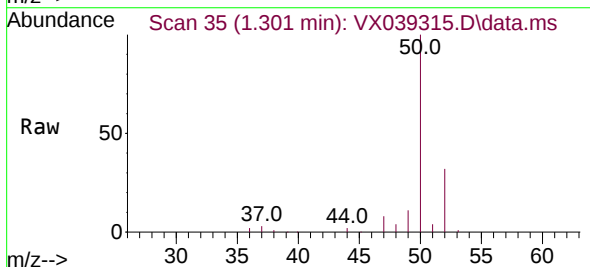
Instrument :
 MSVOA_X
 ClientSampleId :

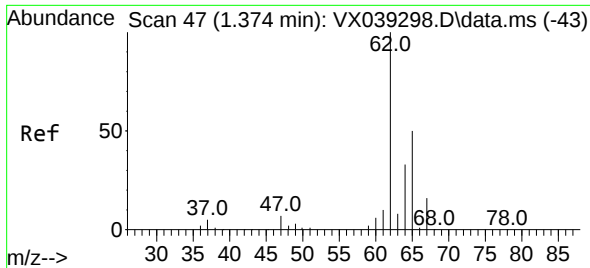
Tgt Ion: 85 Resp: 95968
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.2 39.4



#3
 Chloromethane
 Concen: 49.798 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX039315.D
 Acq: 18 Dec 2023 16:36

Tgt Ion: 50 Resp: 97995
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.4 41.6

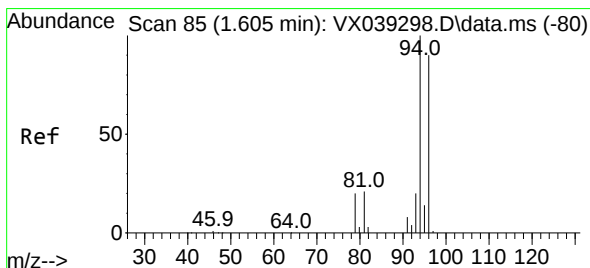
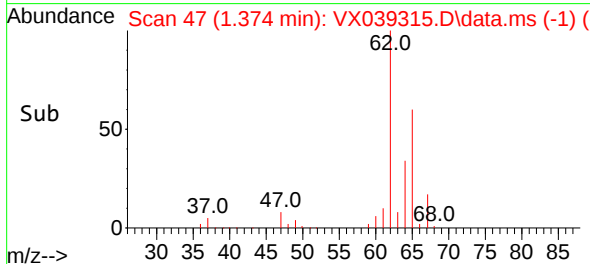
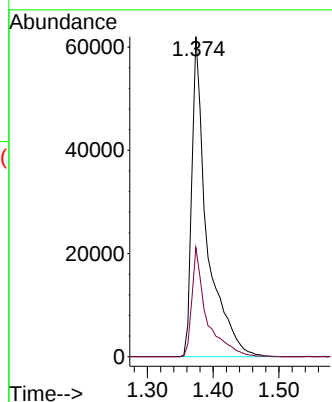
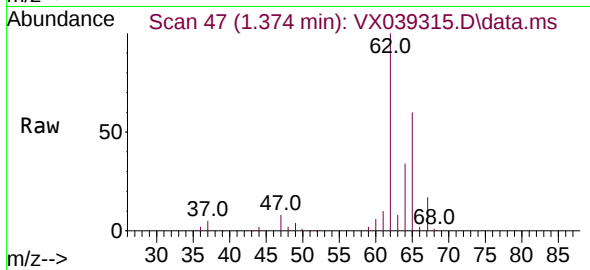




#5
 Vinyl chloride
 Concen: 51.112 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039315.D
 Acq: 18 Dec 2023 16:36

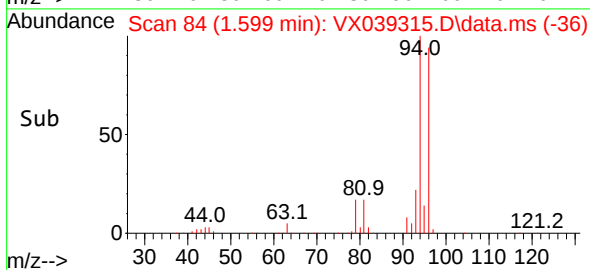
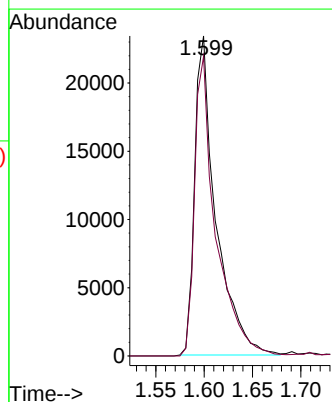
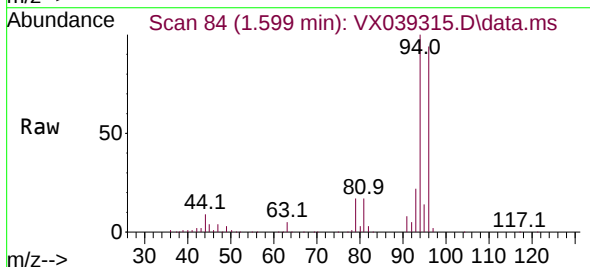
Instrument :
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 ClientSampleId :

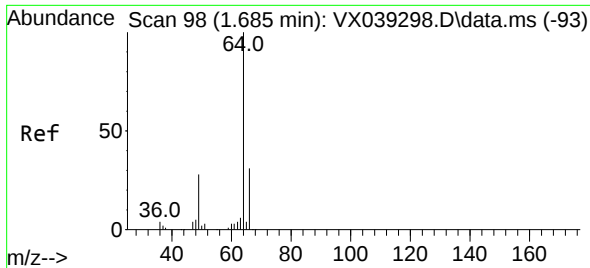
Tgt Ion: 62 Resp: 99129
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.3 41.3



#6
 Bromomethane
 Concen: 34.141 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VX039315.D
 Acq: 18 Dec 2023 16:36

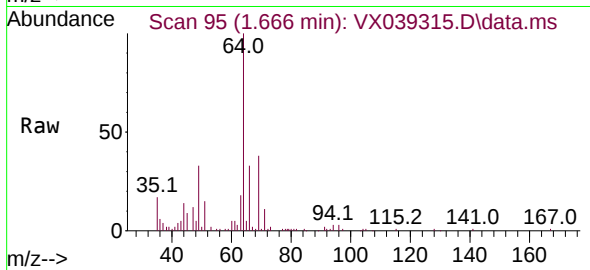
Tgt Ion: 94 Resp: 35741
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.8 122.2



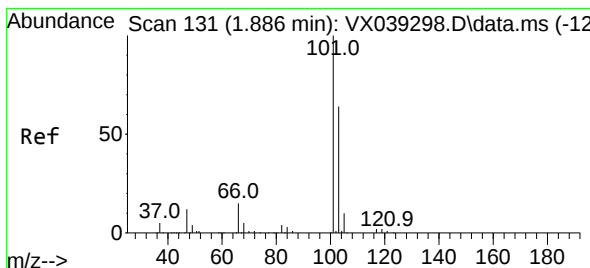
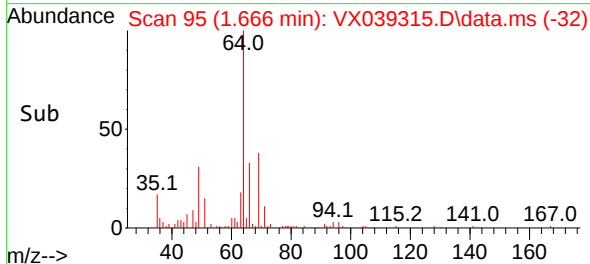
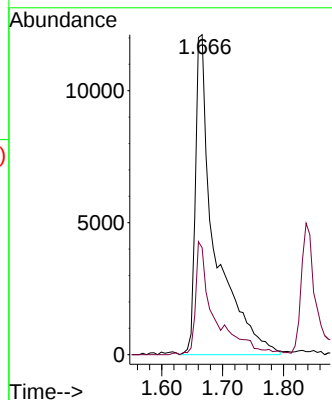


#8
Chloroethane
Concen: 24.341 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :

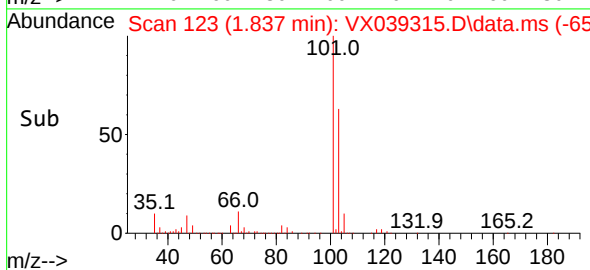
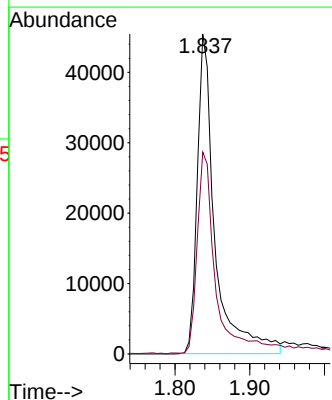
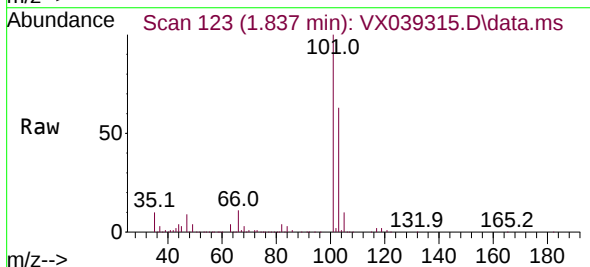


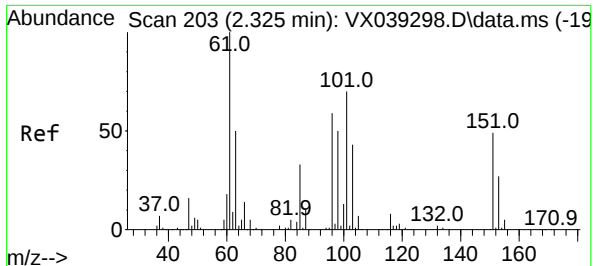
Tgt Ion: 64 Resp: 26689
Ion Ratio Lower Upper
64 100
66 33.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 29.847 ug/L
RT: 1.837 min Scan# 123
Delta R.T. -0.049 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Tgt Ion: 101 Resp: 75022
Ion Ratio Lower Upper
101 100
103 60.5 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 57.226 ug/L

RT: 2.294 min Scan# 198

Delta R.T. -0.030 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

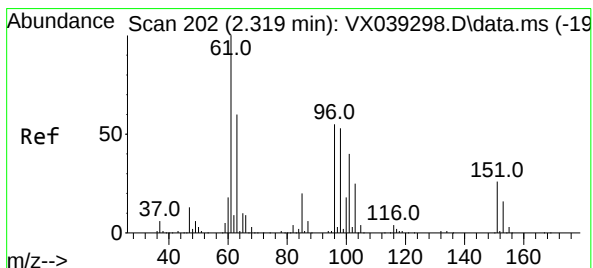
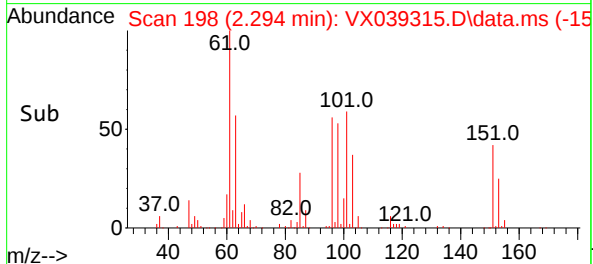
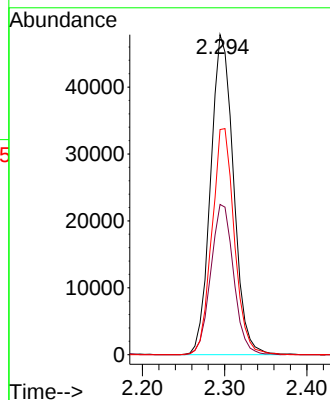
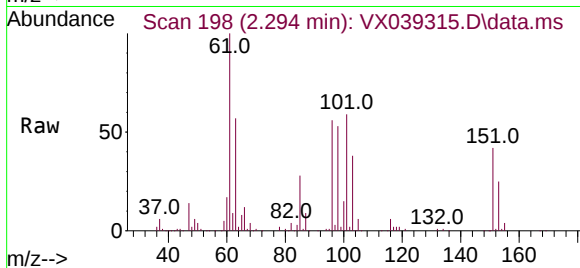
Tgt Ion:101 Resp: 92526

Ion Ratio Lower Upper

101 100

85 46.9 35.8 53.6

151 69.4 55.4 83.2



#12

1,1-Dichloroethene

Concen: 54.549 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.030 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

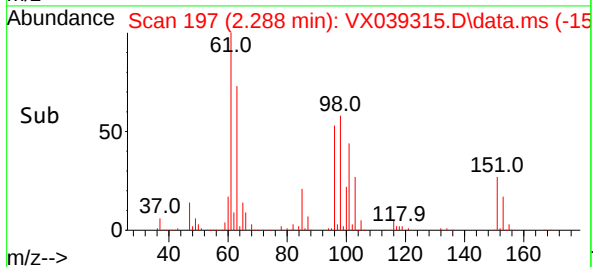
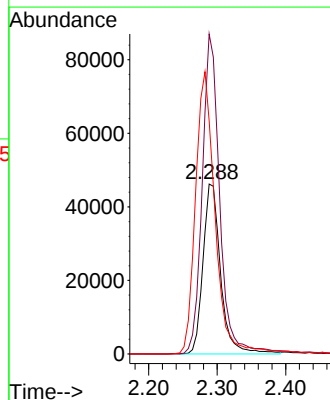
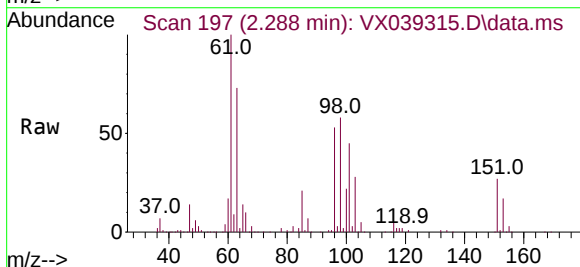
Tgt Ion: 96 Resp: 82962

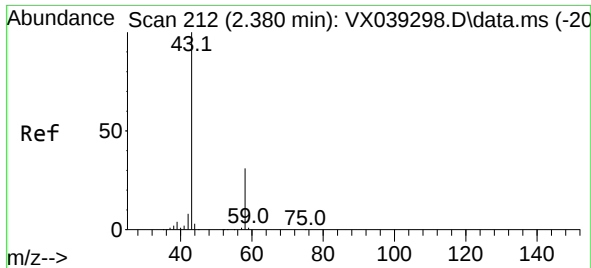
Ion Ratio Lower Upper

96 100

61 188.3 128.0 237.6

63 137.2 101.5 188.5





#13

Acetone

Concen: 96.189 ug/L

RT: 2.416 min Scan# 21

Delta R.T. 0.037 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

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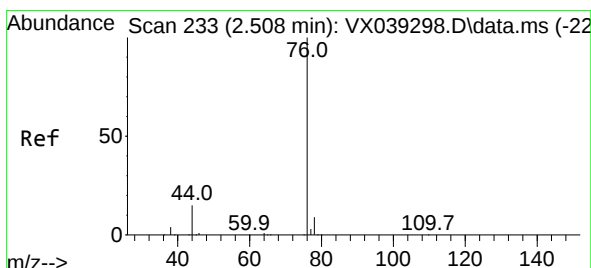
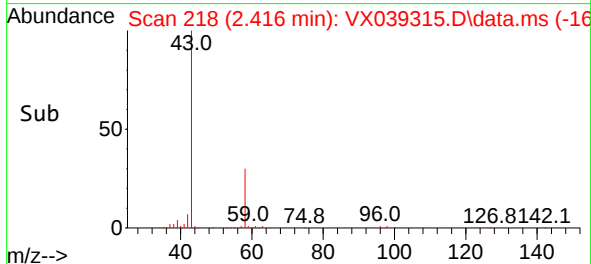
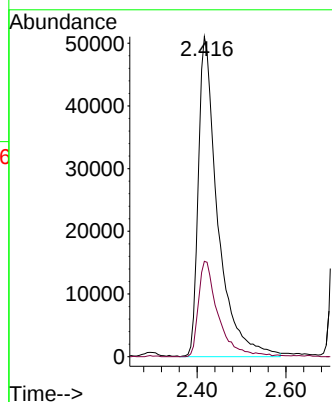
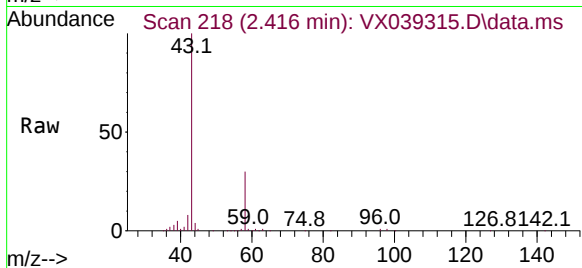
ClientSampleId :

Tgt Ion: 43 Resp: 154886

Ion Ratio Lower Upper

43 100

58 29.6 0.0 65.8



#14

Carbon disulfide

Concen: 47.073 ug/L

RT: 2.483 min Scan# 229

Delta R.T. -0.024 min

Lab File: VX039315.D

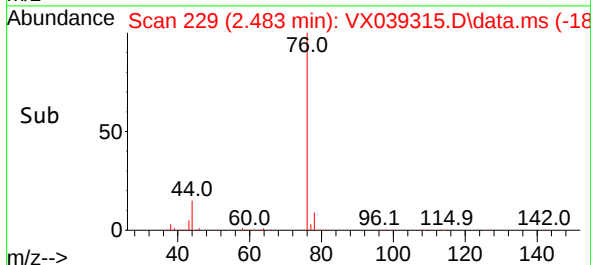
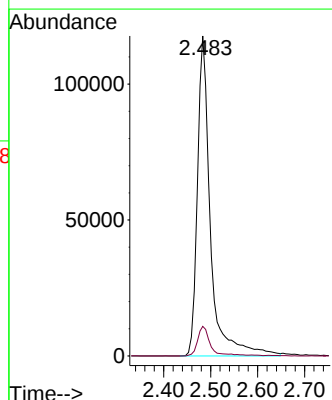
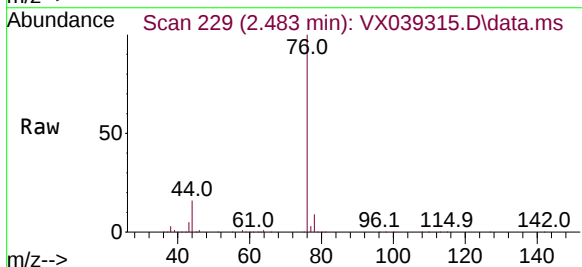
Acq: 18 Dec 2023 16:36

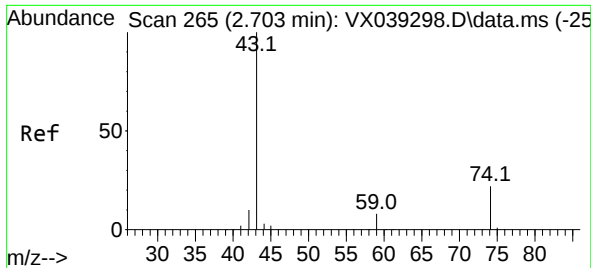
Tgt Ion: 76 Resp: 227817

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

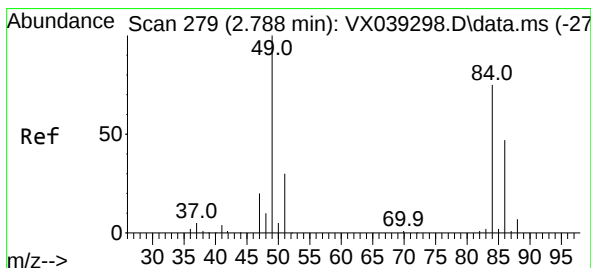
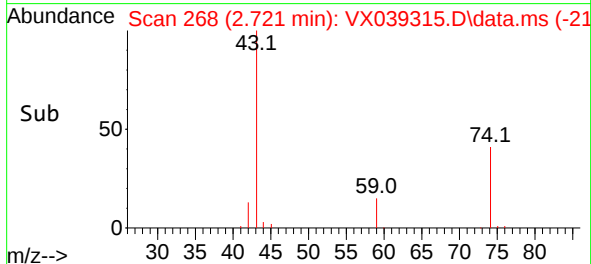
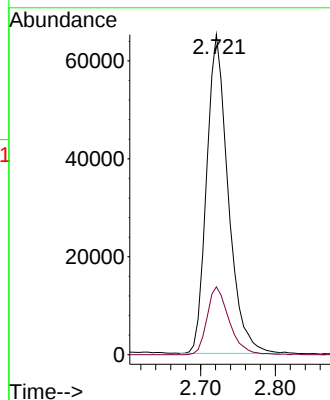
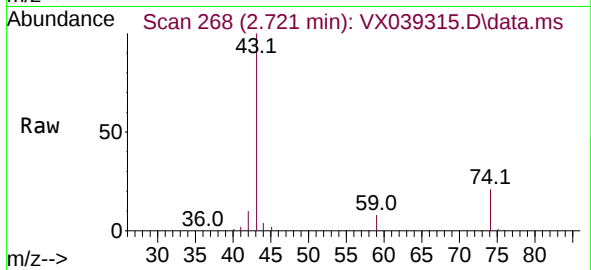




#15
Methyl Acetate
Concen: 56.641 ug/L
RT: 2.721 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

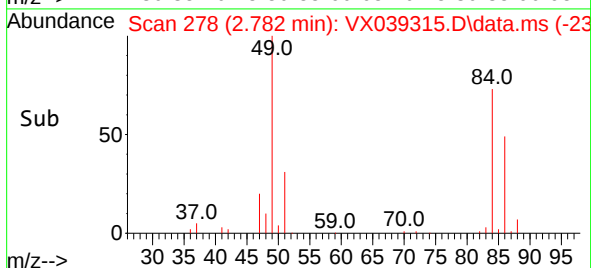
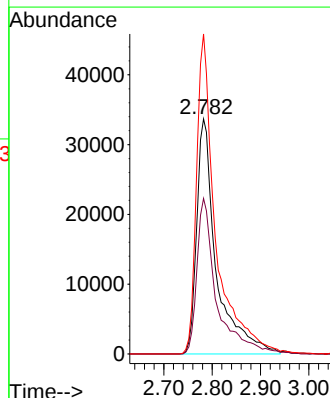
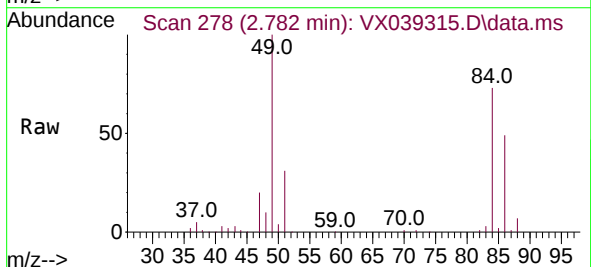
Instrument :
MSVOA_X
ClientSampleId :

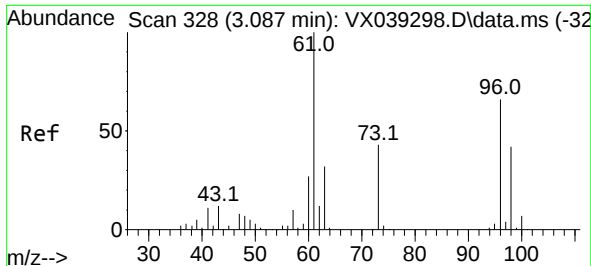
Tgt Ion: 43 Resp: 130363
Ion Ratio Lower Upper
43 100
74 21.8 18.2 27.4



#16
Methylene chloride
Concen: 54.471 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Tgt Ion: 84 Resp: 95181
Ion Ratio Lower Upper
84 100
86 66.2 44.7 82.9
49 136.2 90.9 168.7





#17

trans-1,2-Dichloroethene

Concen: 55.299 ug/L

RT: 3.075 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

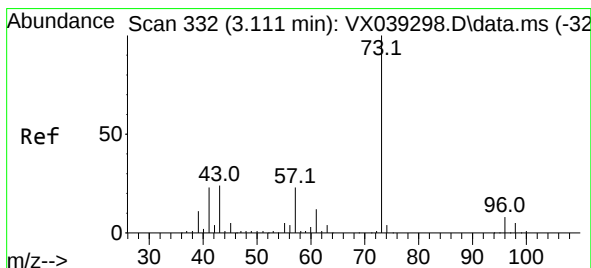
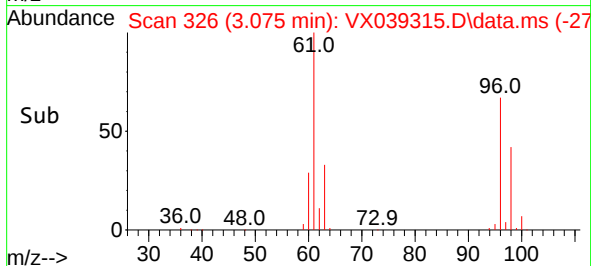
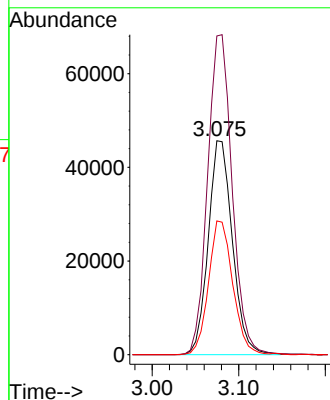
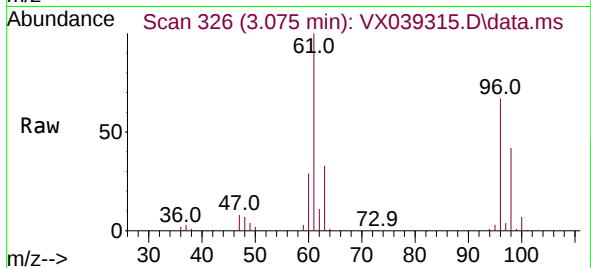
Tgt Ion: 96 Resp: 88613

Ion Ratio Lower Upper

96 100

61 148.9 99.8 185.3

98 62.5 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 58.429 ug/L

RT: 3.136 min Scan# 336

Delta R.T. 0.024 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

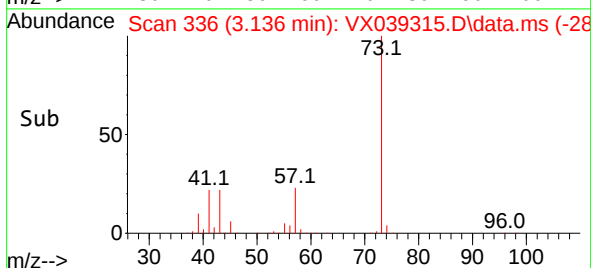
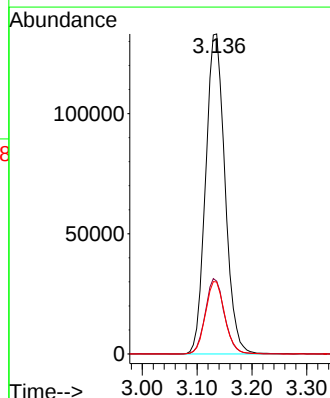
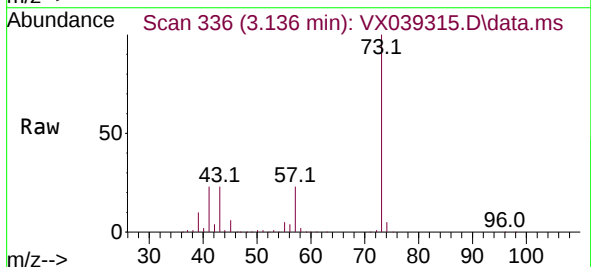
Tgt Ion: 73 Resp: 325905

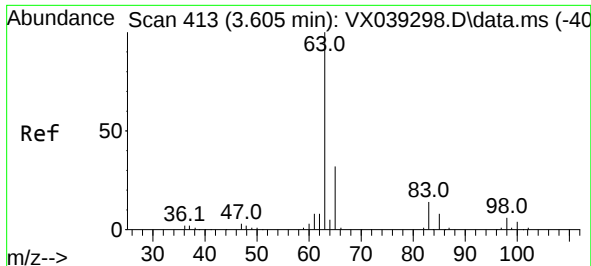
Ion Ratio Lower Upper

73 100

43 23.3 16.9 25.3

57 22.6 18.5 27.7





#19

1,1-Dichloroethane

Concen: 56.451 ug/L

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

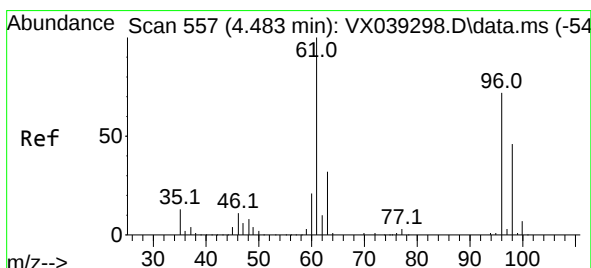
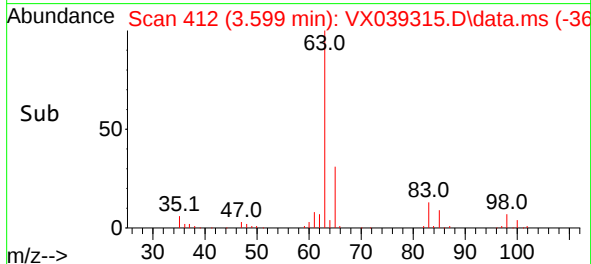
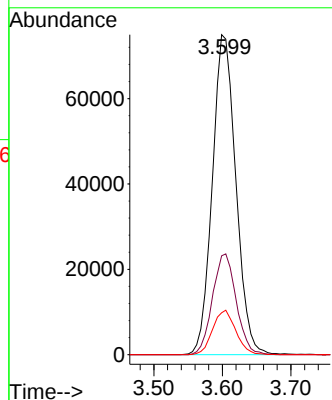
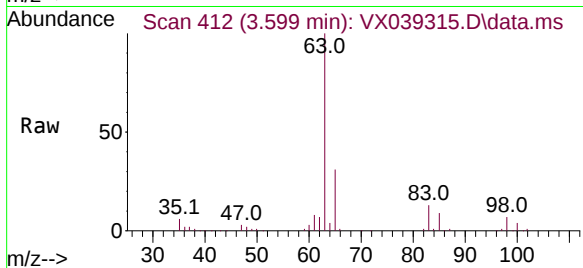
Tgt Ion: 63 Resp: 178865

Ion Ratio Lower Upper

63 100

65 30.9 21.1 39.3

83 13.1 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 54.218 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

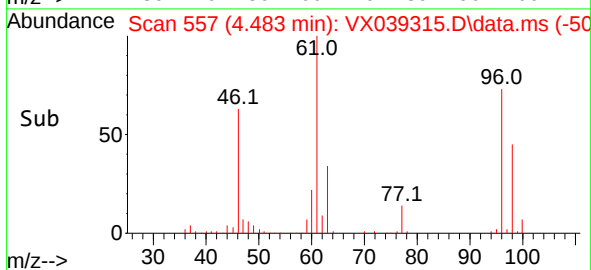
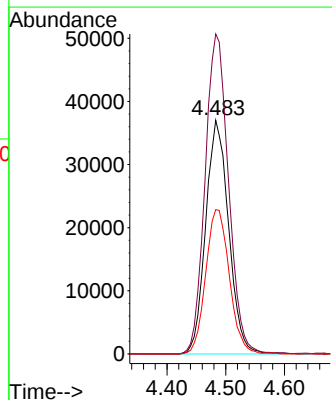
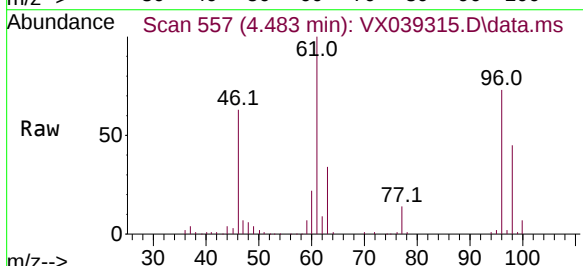
Tgt Ion: 96 Resp: 100772

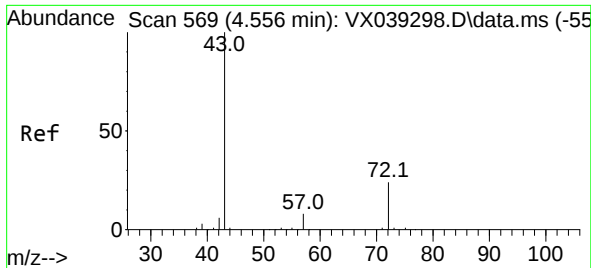
Ion Ratio Lower Upper

96 100

61 136.9 91.7 170.3

98 61.8 44.2 82.2

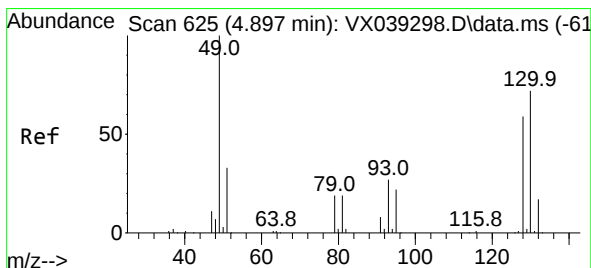
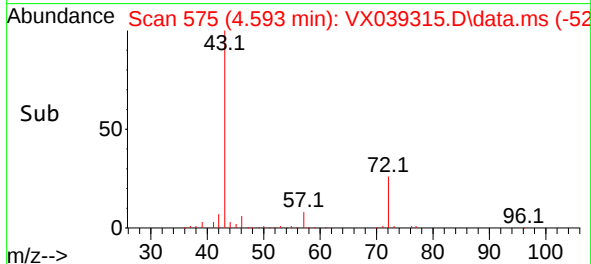
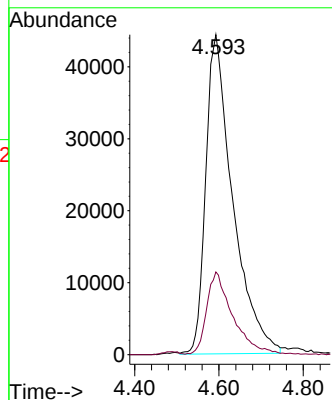
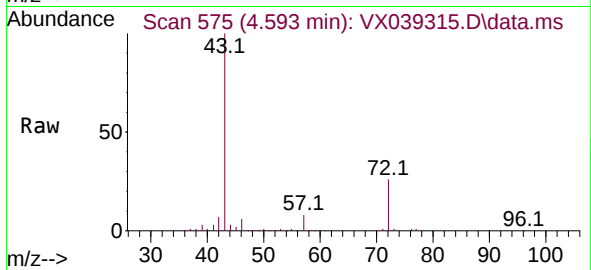




#22
2-Butanone
Concen: 99.852 ug/L
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

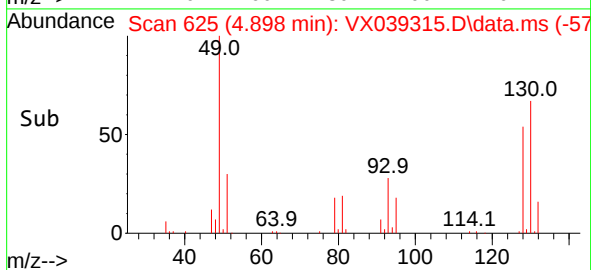
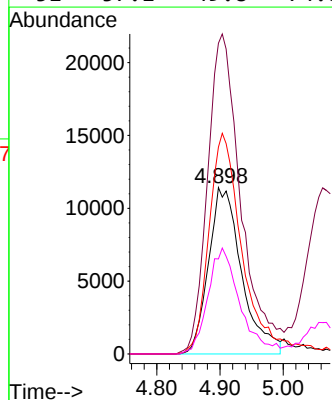
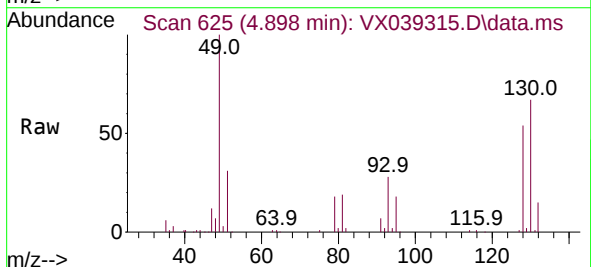
Instrument :
MSVOA_X
ClientSampleId :

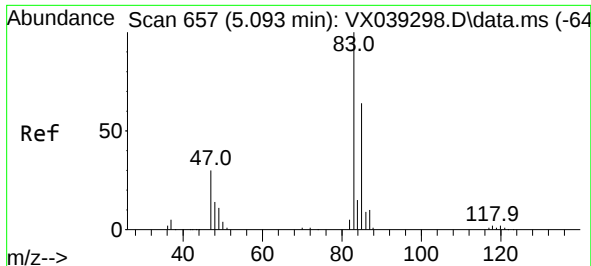
Tgt Ion: 43 Resp: 197324
Ion Ratio Lower Upper
43 100
72 23.9 12.6 37.6



#23
Bromochloromethane
Concen: 47.680 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Tgt Ion:128 Resp: 41659
Ion Ratio Lower Upper
128 100
49 186.8 130.8 243.0
130 124.4 90.6 168.3
51 57.1 49.8 74.8

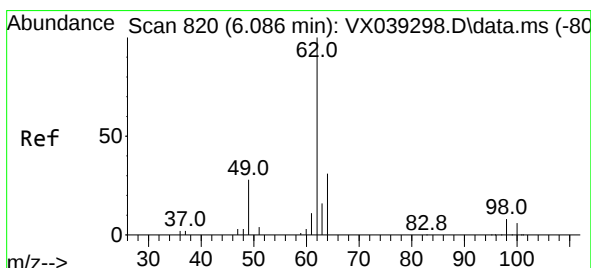
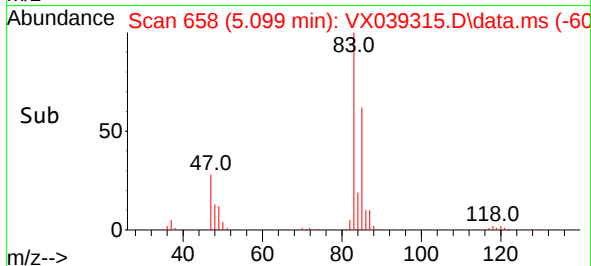
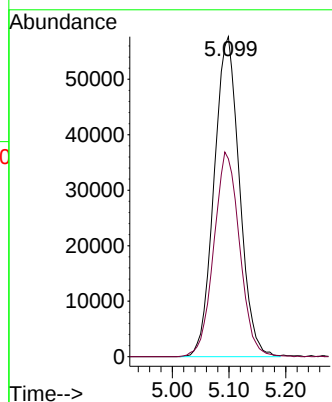
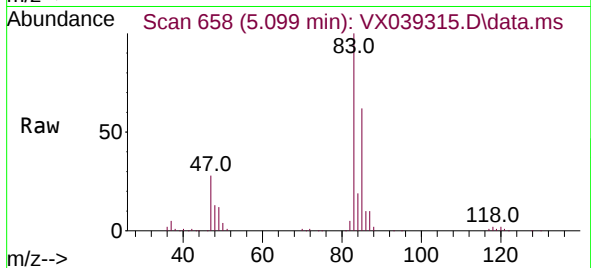




#25
Chloroform
Concen: 56.714 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

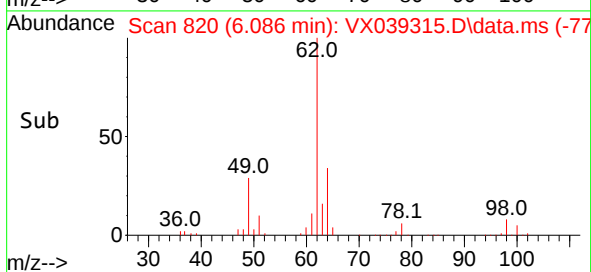
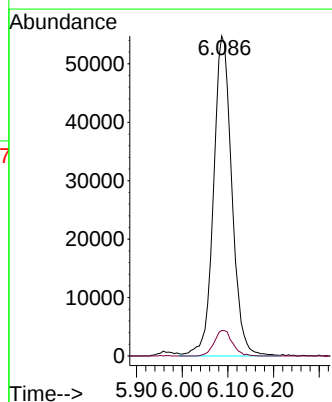
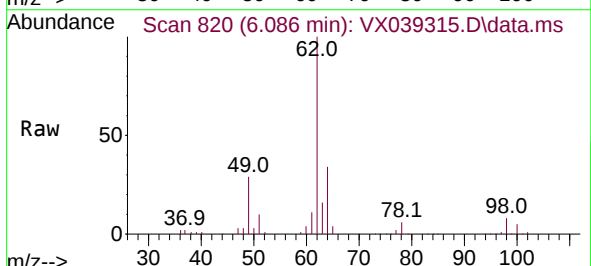
Instrument :
MSVOA_X
ClientSampleId :

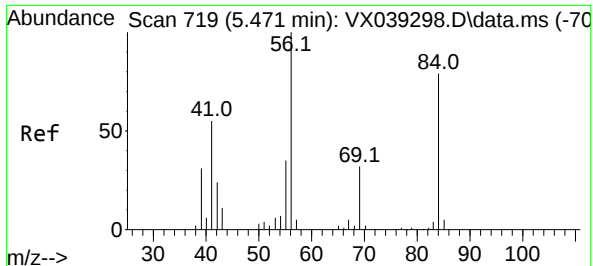
Tgt Ion: 83 Resp: 179236
Ion Ratio Lower Upper
83 100
85 61.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 61.225 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Tgt Ion: 62 Resp: 152716
Ion Ratio Lower Upper
62 100
98 7.9 8.0 12.0#





#29

Cyclohexane

Concen: 55.115 ug/L

RT: 5.452 min Scan# 716

Delta R.T. -0.018 min

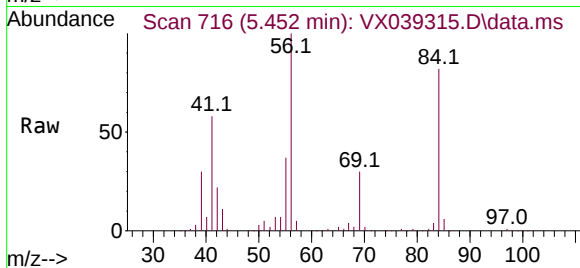
Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :



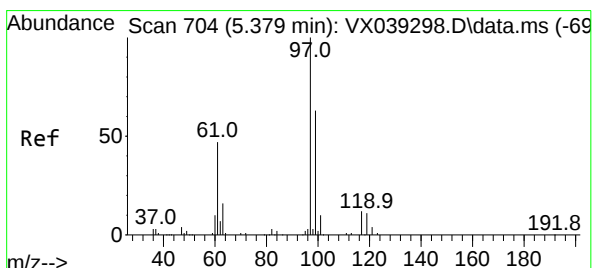
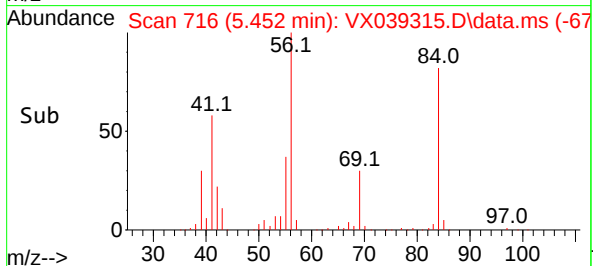
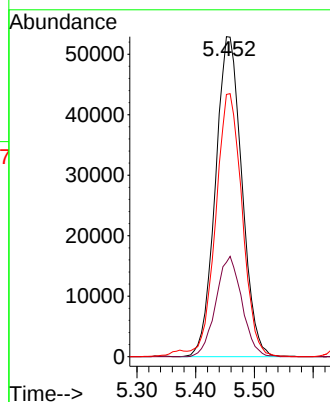
Tgt Ion: 56 Resp: 165371

Ion Ratio Lower Upper

56 100

69 30.9 24.5 36.7

84 81.9 67.0 100.4



#30

1,1,1-Trichloroethane

Concen: 57.530 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

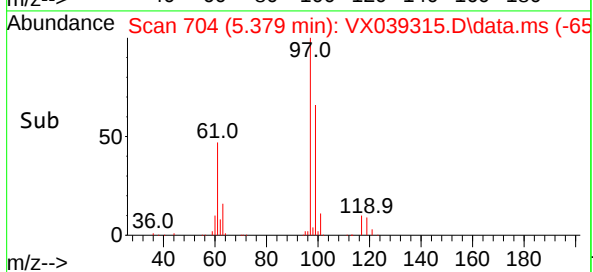
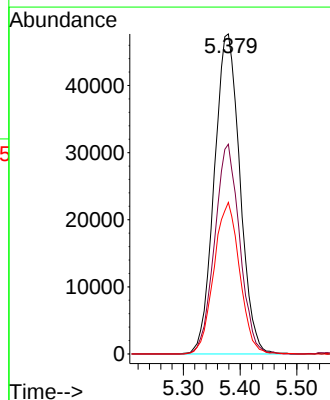
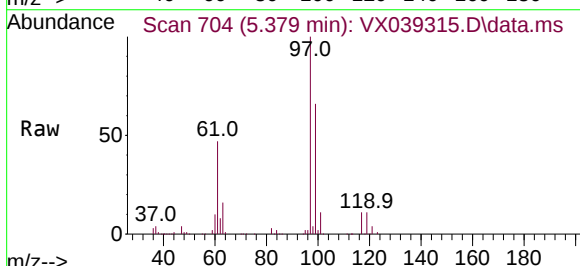
Tgt Ion: 97 Resp: 149718

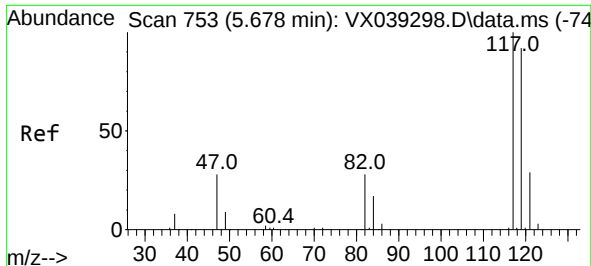
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 47.5 36.7 55.1

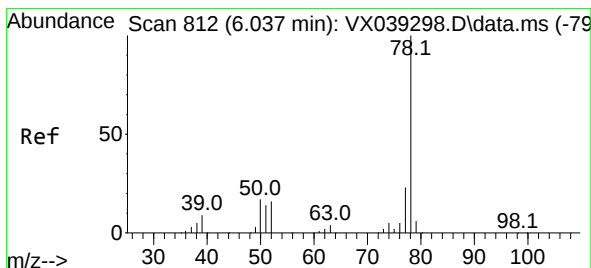
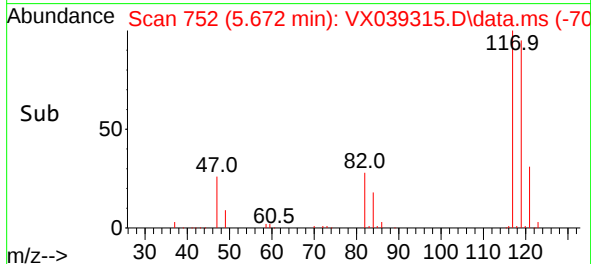
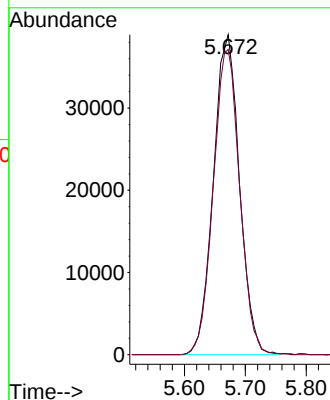
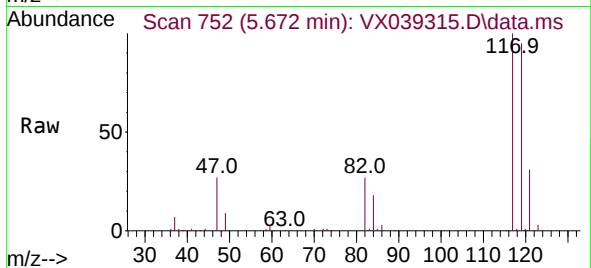




#31
Carbon tetrachloride
Concen: 53.329 ug/L
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

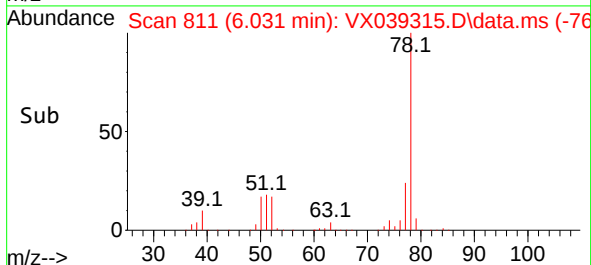
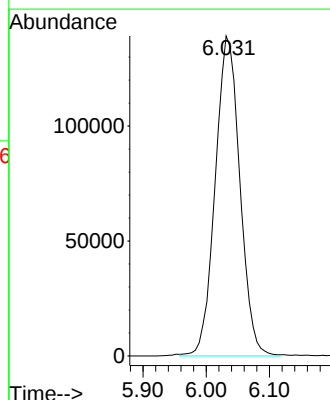
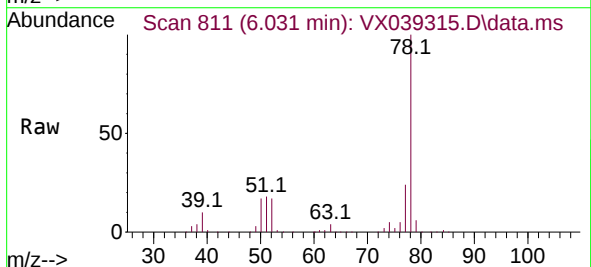
Instrument :
MSVOA_X
ClientSampleId :

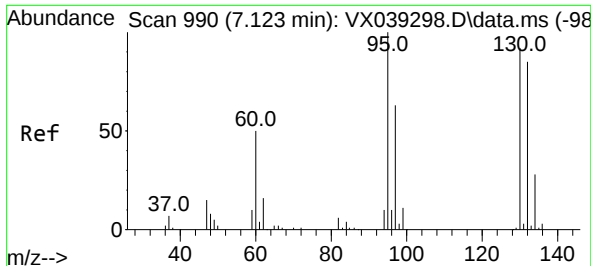
Tgt Ion:117 Resp: 115791
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.4



#33
Benzene
Concen: 55.227 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Tgt Ion: 78 Resp: 376442

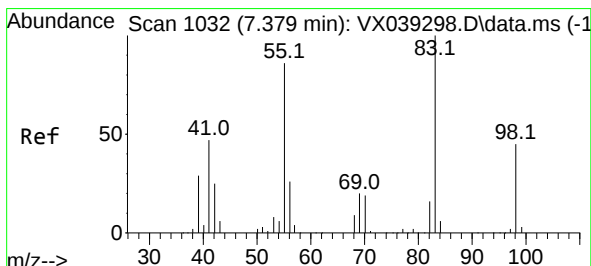
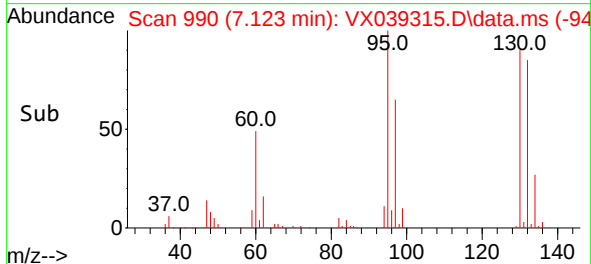
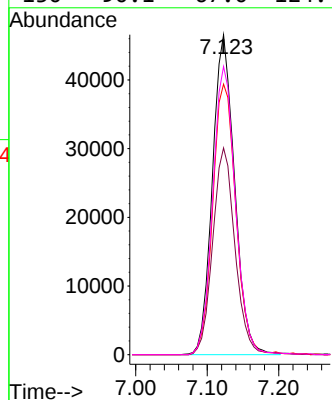
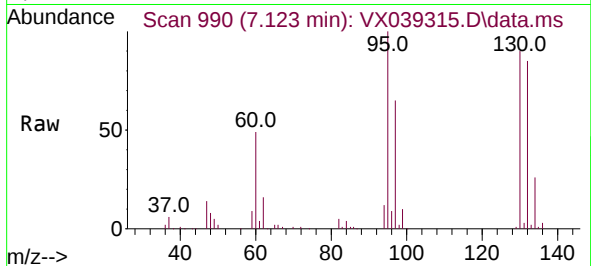




#34
Trichloroethene
Concen: 55.762 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

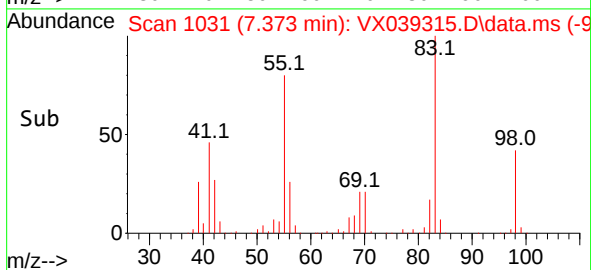
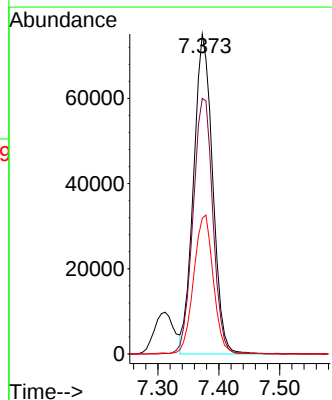
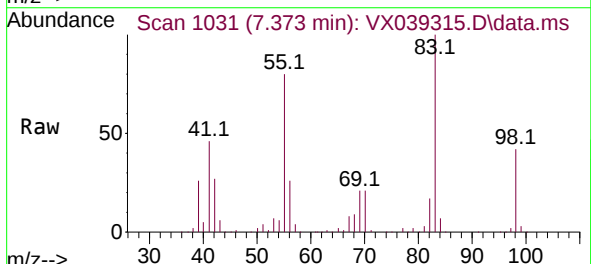
Instrument :
MSVOA_X
ClientSampleId :

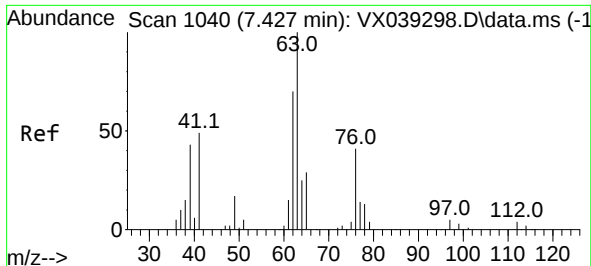
Tgt Ion: 95 Resp: 100448
Ion Ratio Lower Upper
95 100
97 64.6 45.5 84.5
132 84.6 62.2 115.4
130 90.1 67.0 124.4



#35
Methylcyclohexane
Concen: 54.424 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Tgt Ion: 83 Resp: 163278
Ion Ratio Lower Upper
83 100
55 82.8 62.5 93.7
98 44.9 36.1 54.1





#37

1,2-Dichloropropane

Concen: 54.398 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

MSVOA_X

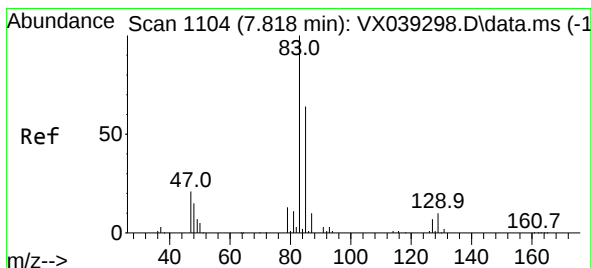
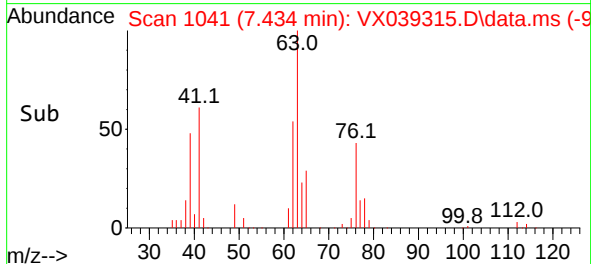
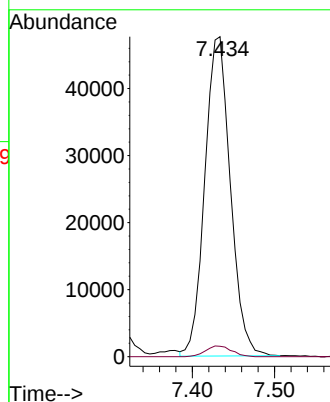
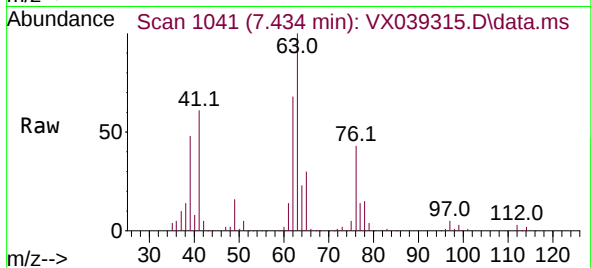
ClientSampleId :

Tgt Ion: 63 Resp: 102835

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 52.598 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

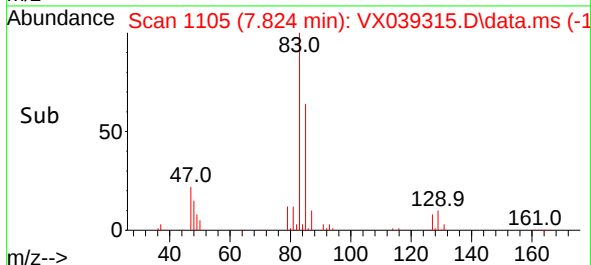
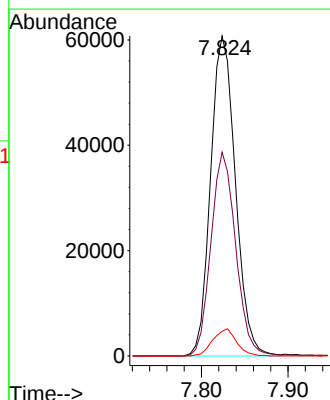
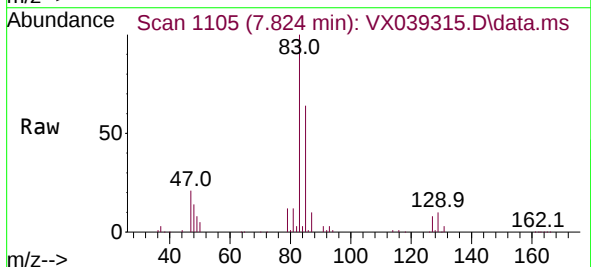
Tgt Ion: 83 Resp: 120940

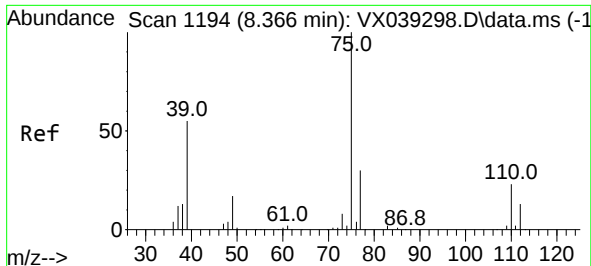
Ion Ratio Lower Upper

83 100

85 63.7 43.3 80.5

127 7.7 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 53.190 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

MSVOA_X

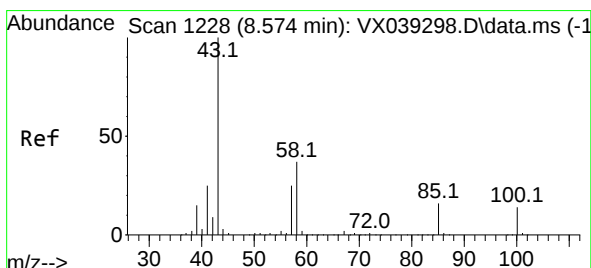
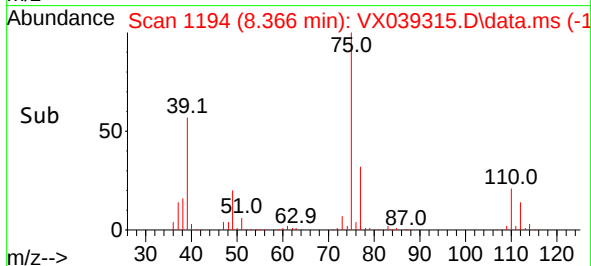
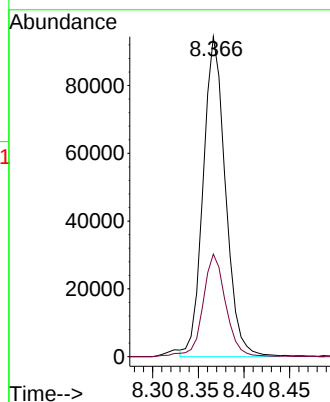
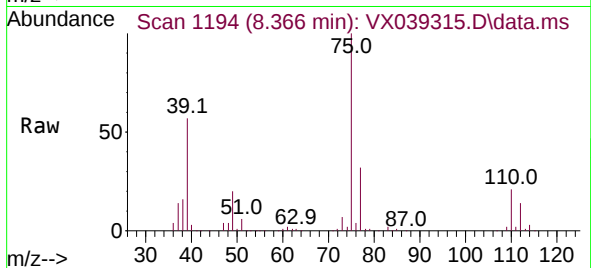
ClientSampleId :

Tgt Ion: 75 Resp: 160371

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 108.384 ug/L

RT: 8.586 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

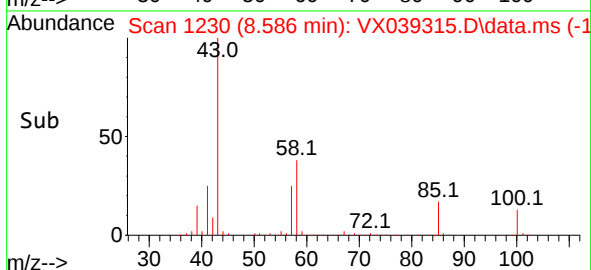
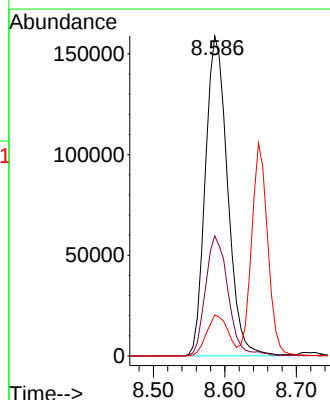
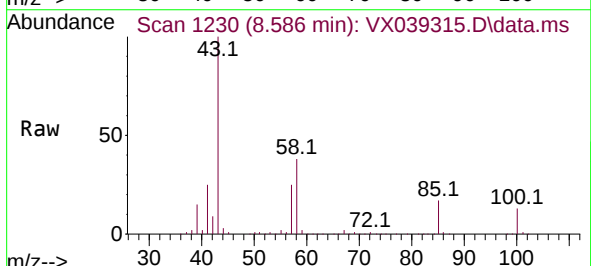
Tgt Ion: 43 Resp: 343392

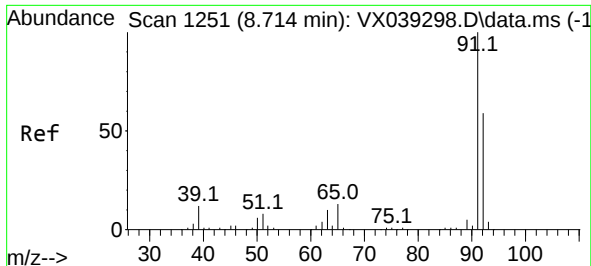
Ion Ratio Lower Upper

43 100

58 37.6 30.9 46.3

100 12.4 10.6 16.0





#42

Toluene

Concen: 53.339 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

MSVOA_X

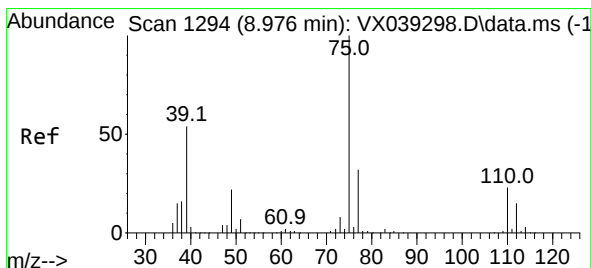
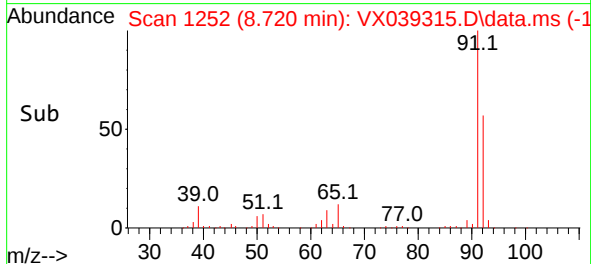
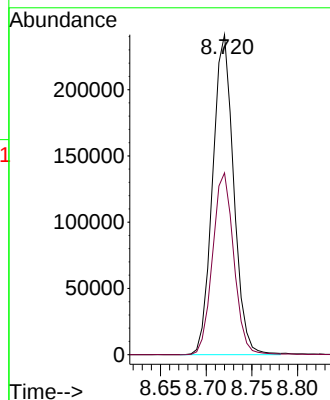
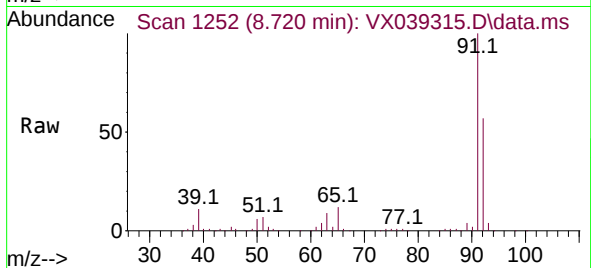
ClientSampleId :

Tgt Ion: 91 Resp: 385544

Ion Ratio Lower Upper

91 100

92 56.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 53.851 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX039315.D

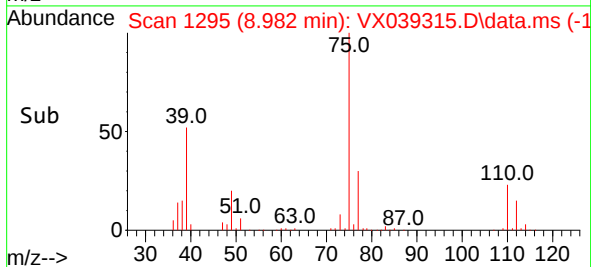
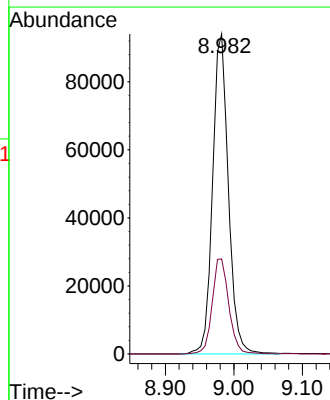
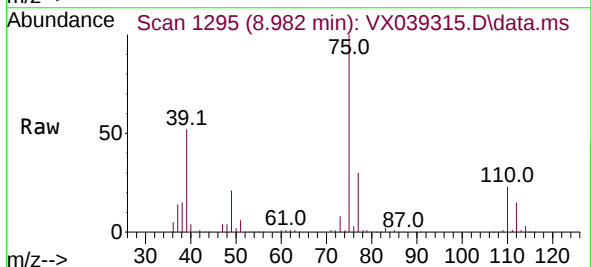
Acq: 18 Dec 2023 16:36

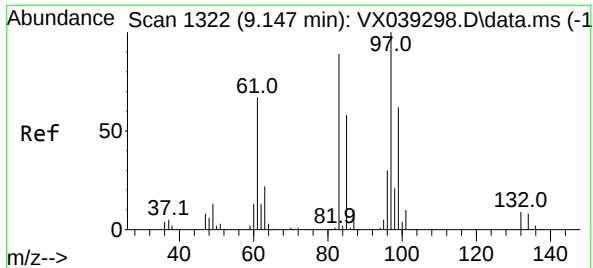
Tgt Ion: 75 Resp: 150674

Ion Ratio Lower Upper

75 100

77 29.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 54.782 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 94905

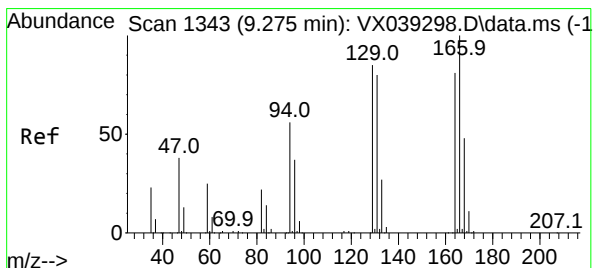
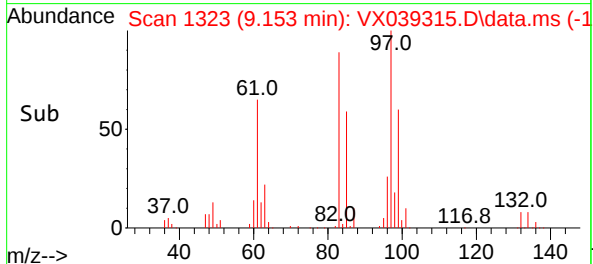
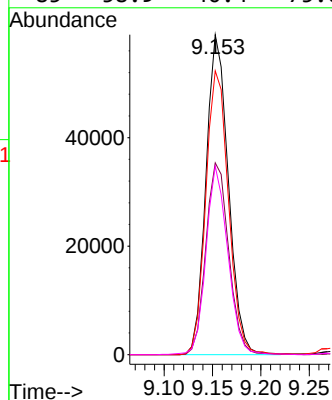
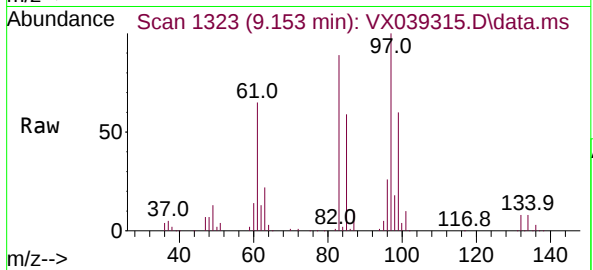
Ion Ratio Lower Upper

97 100

99 59.9 43.1 80.1

83 88.7 64.0 118.8

85 58.9 40.4 75.0



#46

Tetrachloroethene

Concen: 53.370 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Tgt Ion:164 Resp: 63421

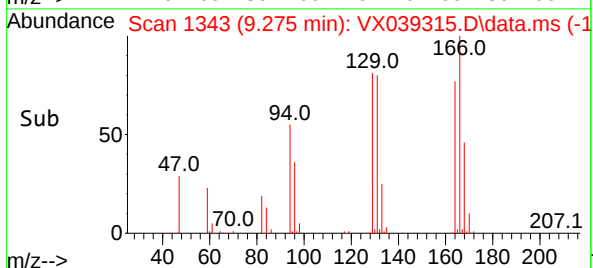
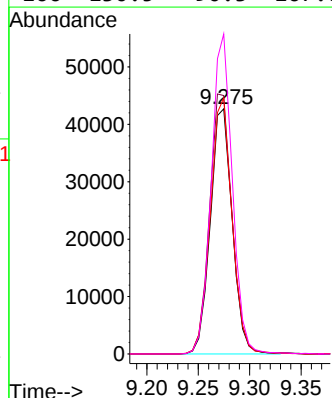
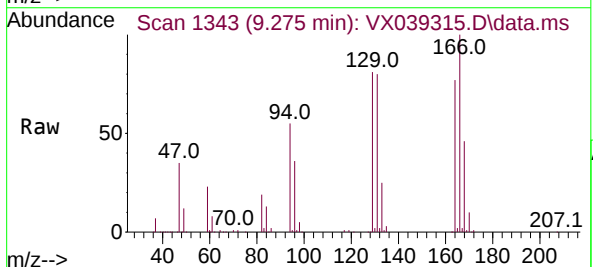
Ion Ratio Lower Upper

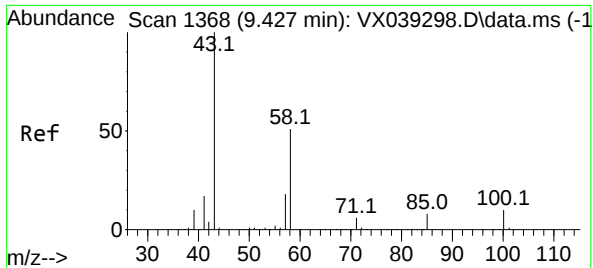
164 100

129 105.4 71.9 133.5

131 104.4 69.5 129.1

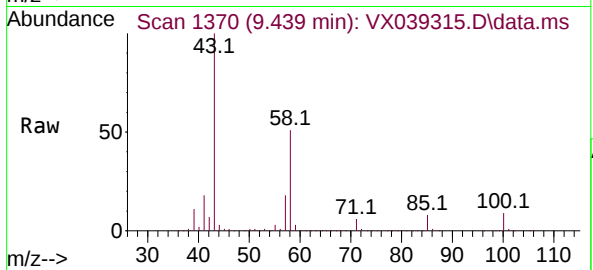
166 130.5 90.3 167.7



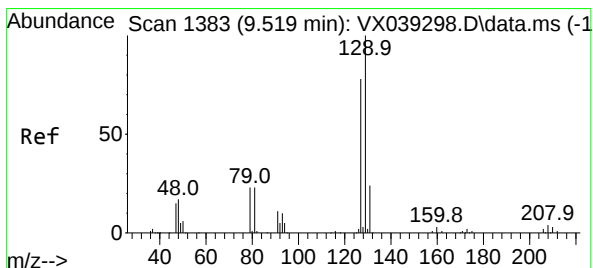
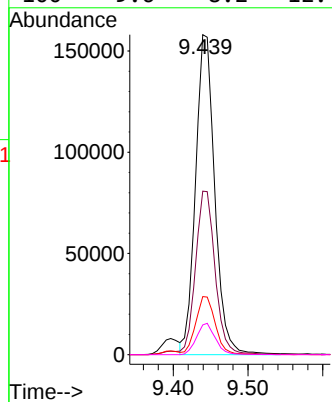
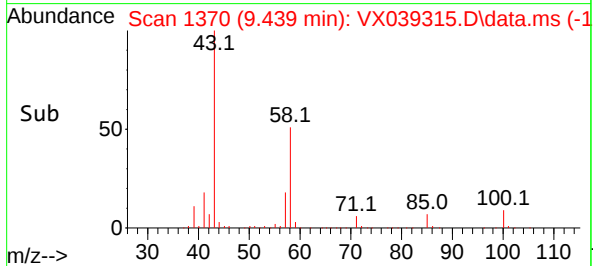


#48
2-Hexanone
Concen: 106.614 ug/L
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :

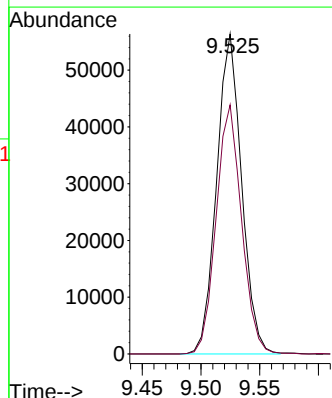
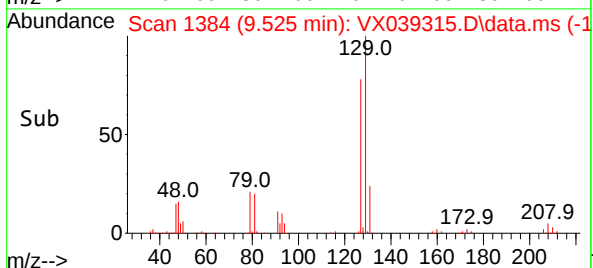
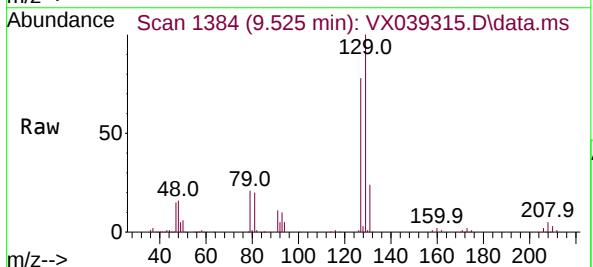


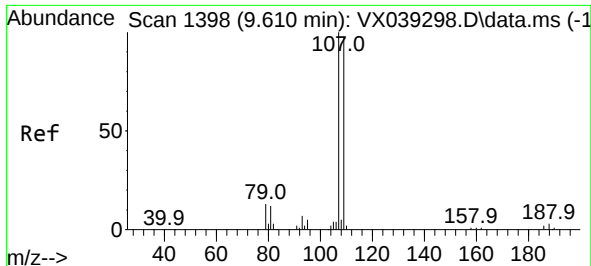
Tgt Ion:	43	58	57	100	Resp:	282712
Ion Ratio	100	52.1	18.5	9.6	Lower	Upper
		43.0	14.6	8.2	64.6	21.8



#49
Dibromochloromethane
Concen: 49.399 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Tgt Ion:	129	127	Resp:	83373
Ion Ratio	100	77.8	Lower	Upper
		55.2	102.4	

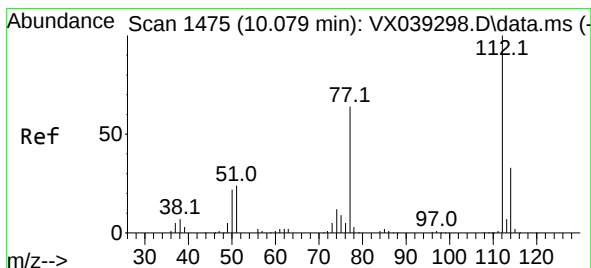
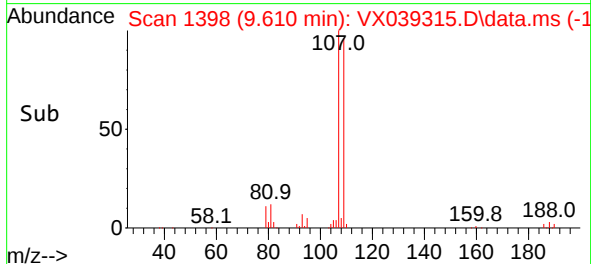
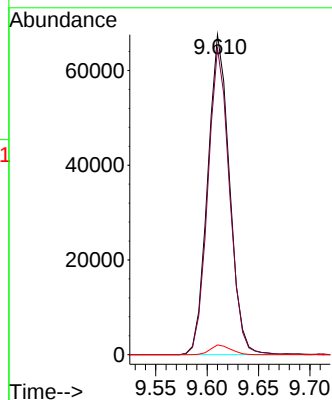
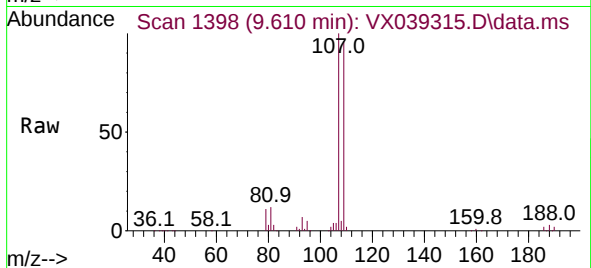




#50
1,2-Dibromoethane
Concen: 53.712 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

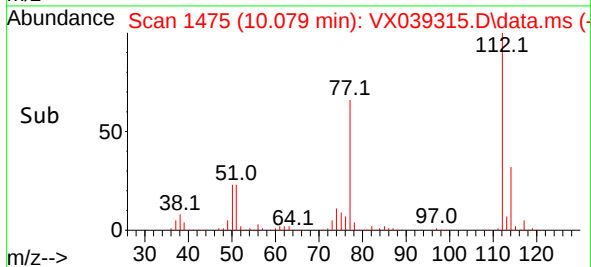
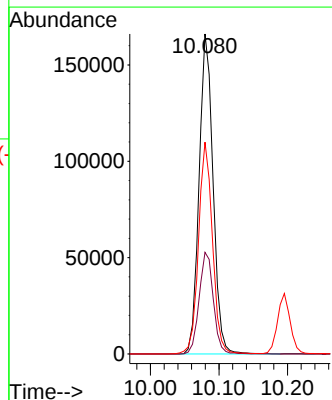
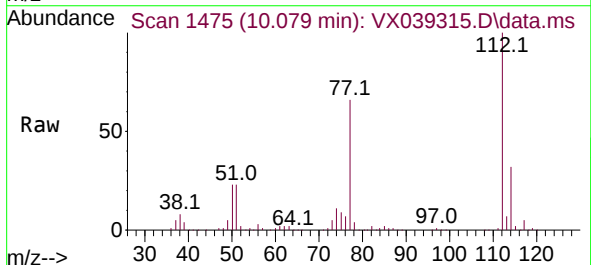
Instrument :
MSVOA_X
ClientSampleId :

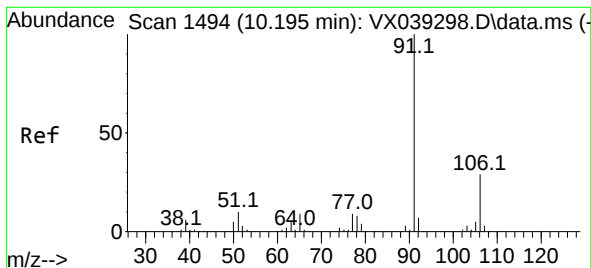
Tgt Ion:107 Resp: 99691
Ion Ratio Lower Upper
107 100
109 95.8 65.2 121.0
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 52.795 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Tgt Ion:112 Resp: 235721
Ion Ratio Lower Upper
112 100
114 31.7 21.8 40.4
77 66.2 49.0 73.6

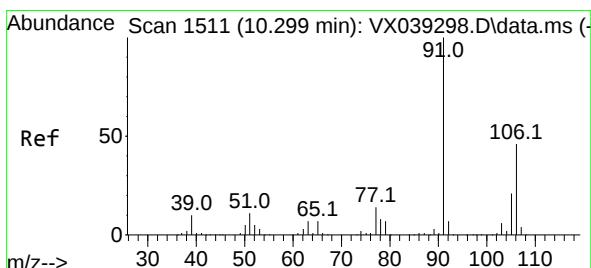
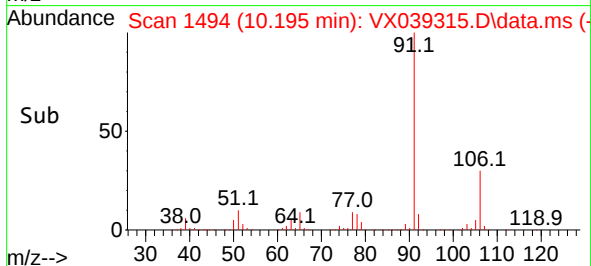
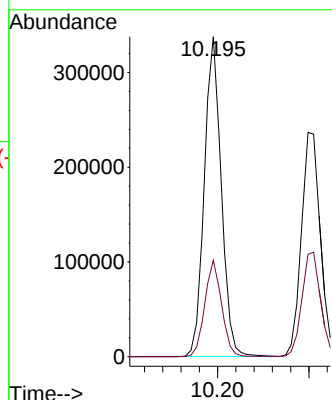
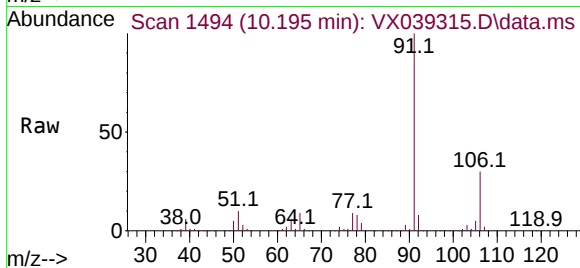




#52
Ethylbenzene
Concen: 53.757 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

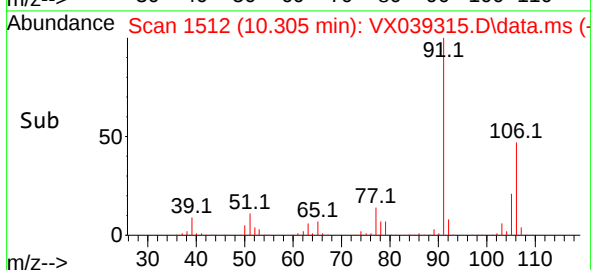
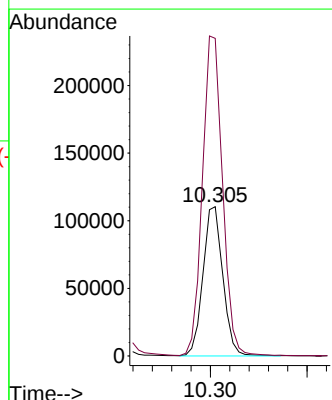
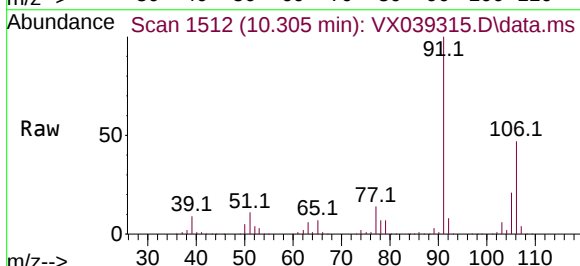
Instrument :
MSVOA_X
ClientSampleId :

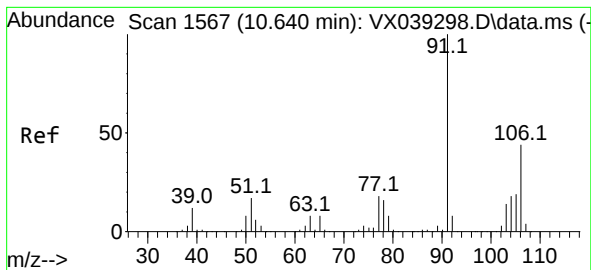
Tgt Ion: 91 Resp: 434398
Ion Ratio Lower Upper
91 100
106 30.2 21.2 39.4



#53
m,p-Xylene
Concen: 52.339 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Tgt Ion:106 Resp: 158131
Ion Ratio Lower Upper
106 100
91 212.8 149.0 276.8





#54

o-Xylene

Concen: 52.565 ug/L

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

MSVOA_X

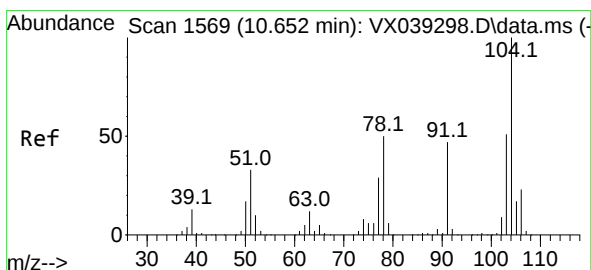
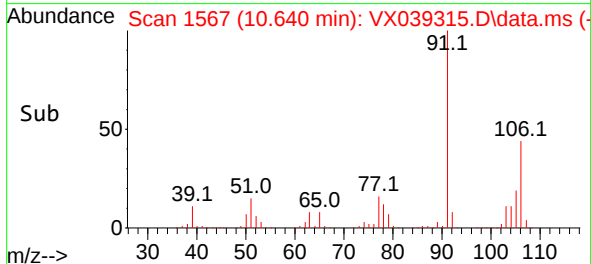
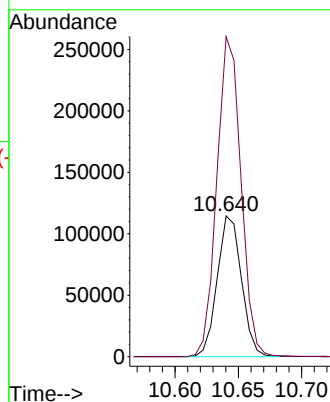
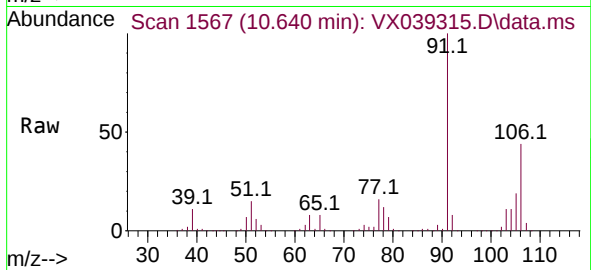
ClientSampleId :

Tgt Ion:106 Resp: 152390

Ion Ratio Lower Upper

106 100

91 227.3 156.2 290.0



#55

Styrene

Concen: 53.287 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX039315.D

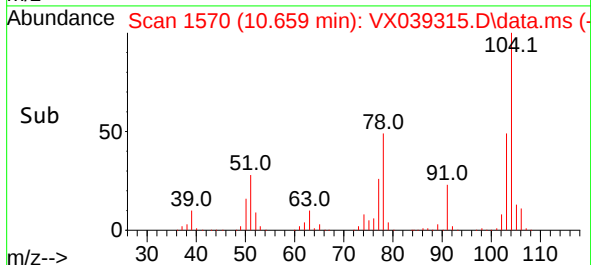
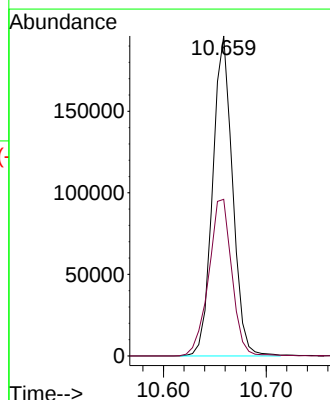
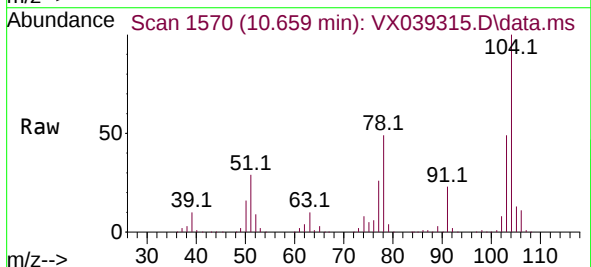
Acq: 18 Dec 2023 16:36

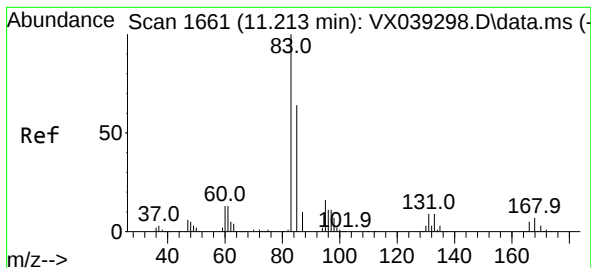
Tgt Ion:104 Resp: 264326

Ion Ratio Lower Upper

104 100

78 49.0 33.5 62.1

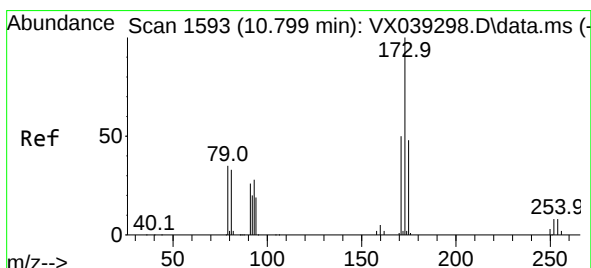
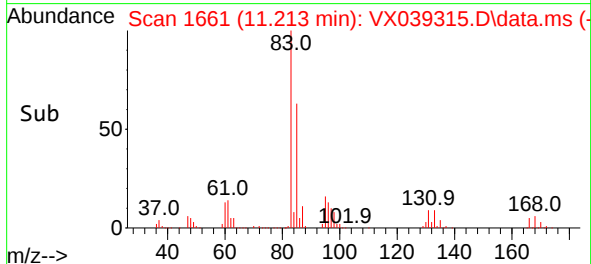
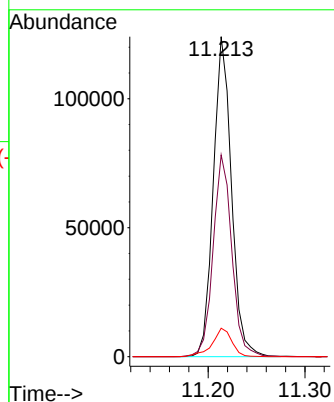
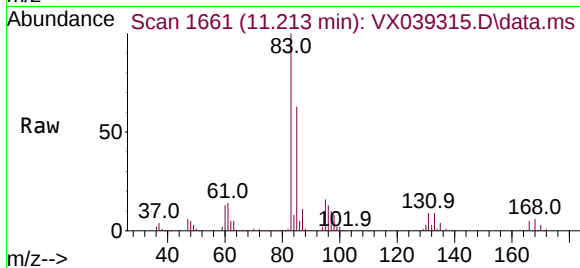




#57
1,1,2,2-Tetrachloroethane
Concen: 53.494 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

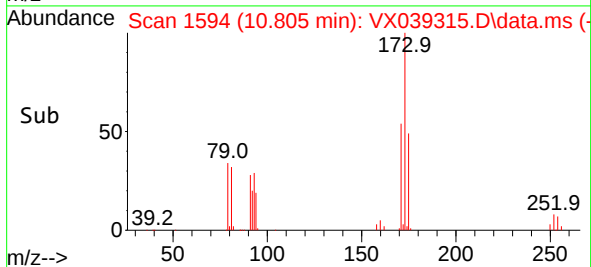
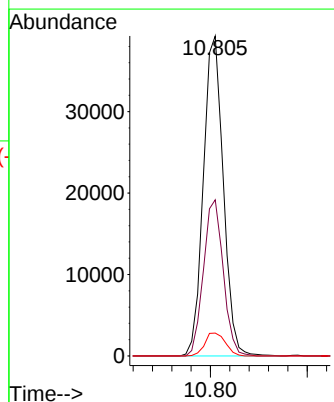
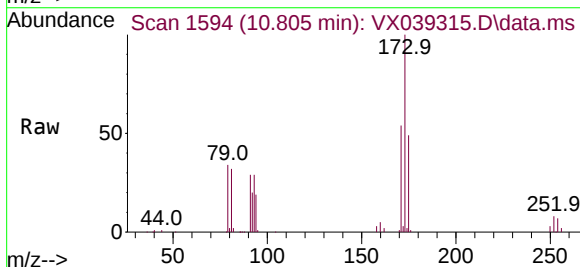
Instrument :
MSVOA_X
ClientSampleId :

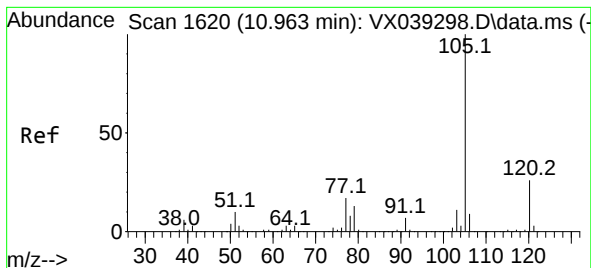
Tgt Ion: 83 Resp: 161734
Ion Ratio Lower Upper
83 100
85 63.0 45.2 84.0
131 8.9 7.2 10.8



#59
Bromoform
Concen: 43.950 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Tgt Ion: 173 Resp: 56382
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 7.5 6.2 9.2





#60

Isopropylbenzene

Concen: 52.419 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

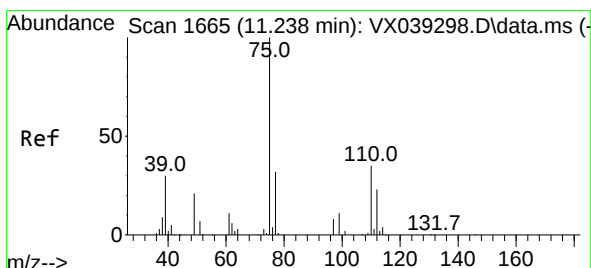
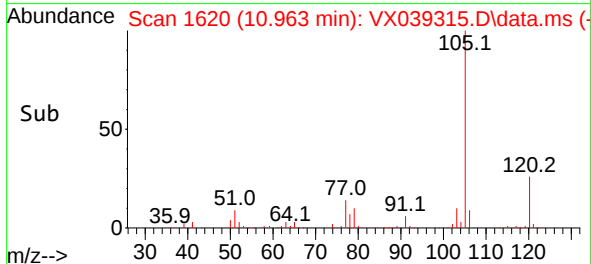
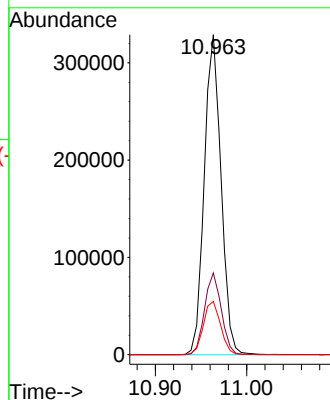
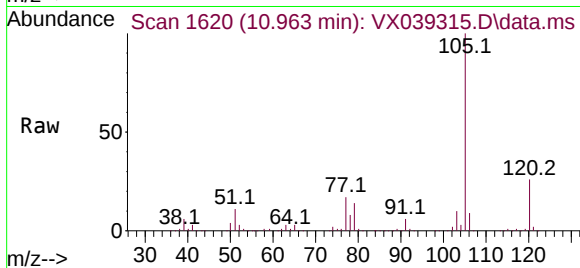
Tgt Ion:105 Resp: 418099

Ion Ratio Lower Upper

105 100

120 25.5 20.5 30.7

77 17.2 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 53.781 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

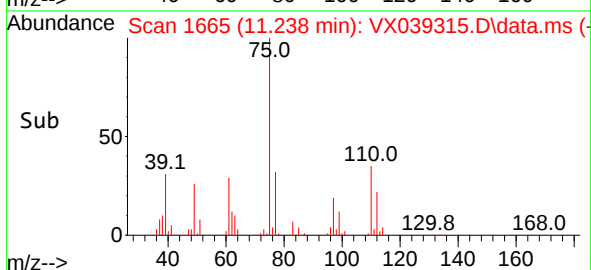
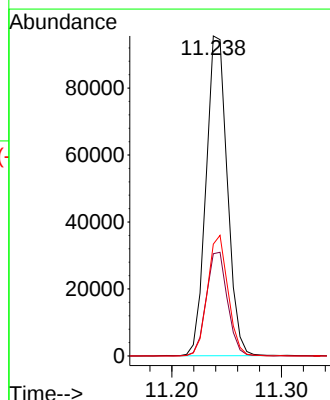
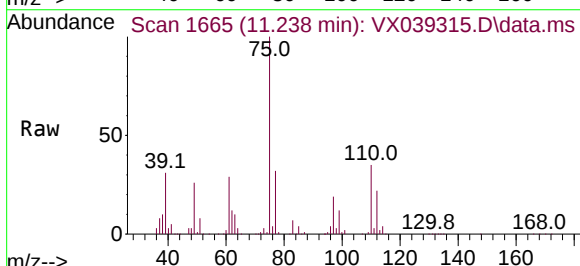
Tgt Ion: 75 Resp: 128600

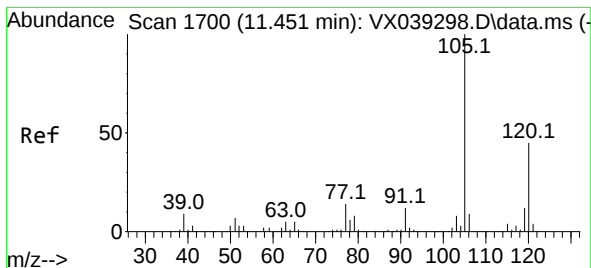
Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

110 36.5 28.4 42.6

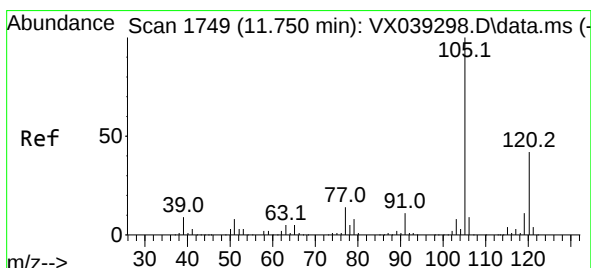
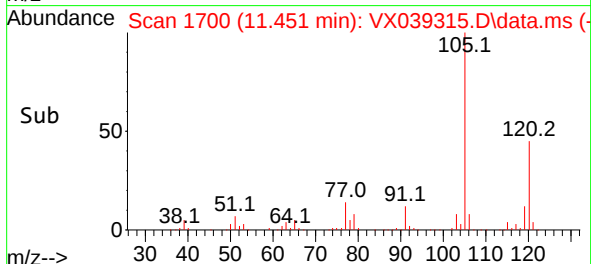
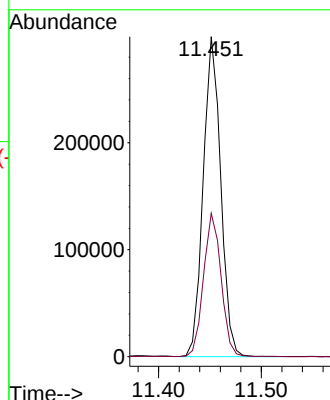
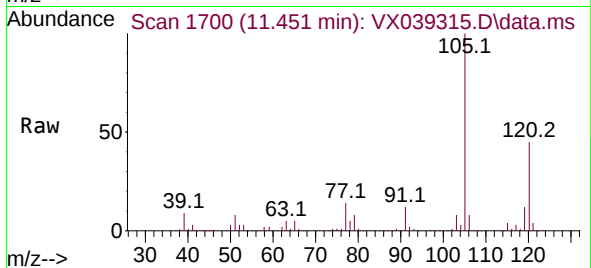




#62
1,3,5-Trimethylbenzene
Concen: 52.825 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

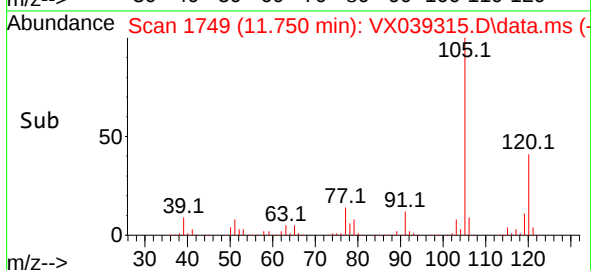
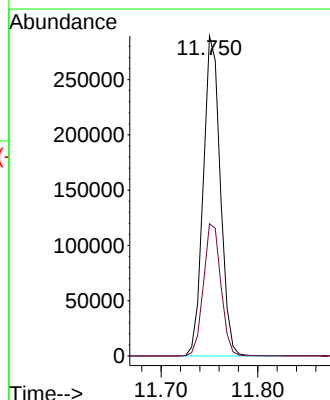
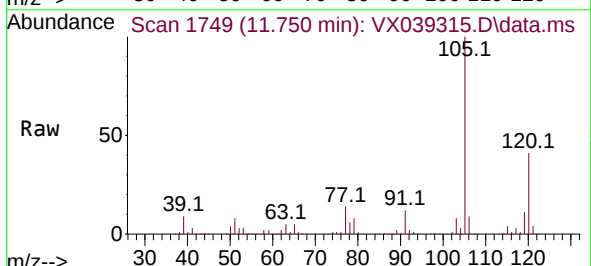
Instrument :
MSVOA_X
ClientSampleId :

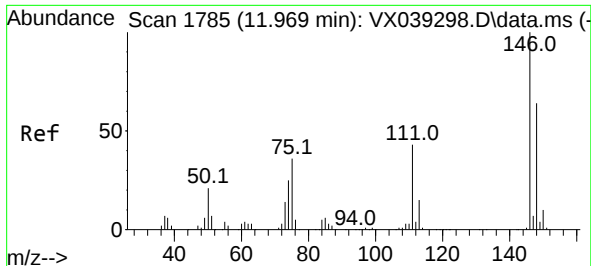
Tgt Ion:105 Resp: 355716
Ion Ratio Lower Upper
105 100
120 45.0 37.0 55.6



#63
1,2,4-Trimethylbenzene
Concen: 53.770 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

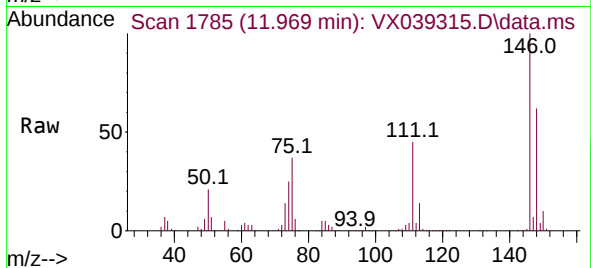
Tgt Ion:105 Resp: 355036
Ion Ratio Lower Upper
105 100
120 42.3 34.9 52.3



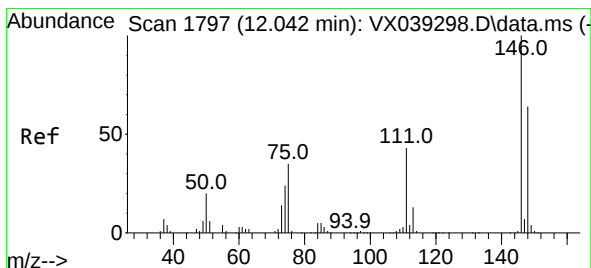
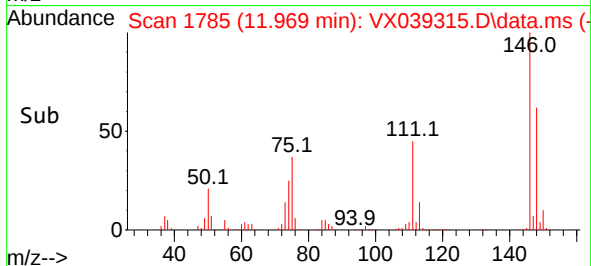
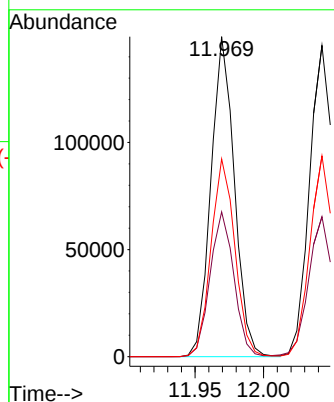


#64
1,3-Dichlorobenzene
Concen: 51.968 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :

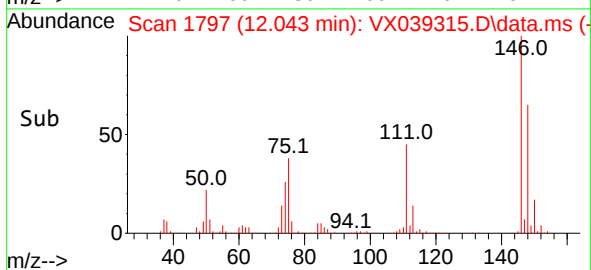
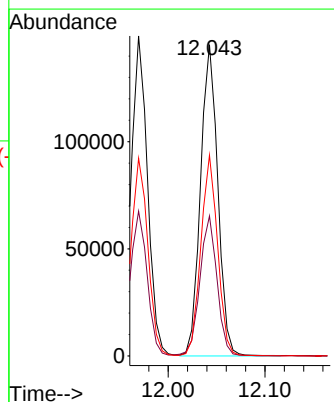
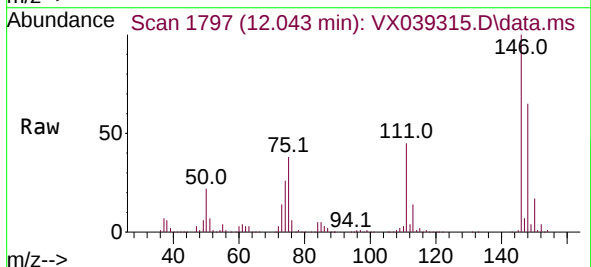


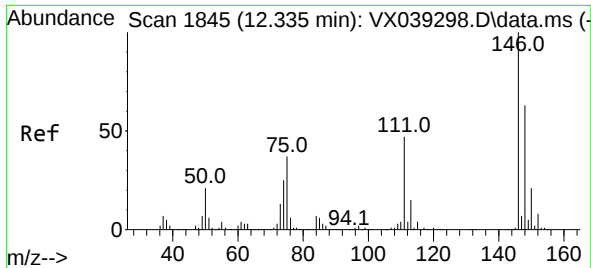
Tgt Ion:146 Resp: 177415
Ion Ratio Lower Upper
146 100
111 45.2 30.0 55.6
148 61.8 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 52.372 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039315.D
Acq: 18 Dec 2023 16:36

Tgt Ion:146 Resp: 181180
Ion Ratio Lower Upper
146 100
111 45.0 29.7 55.1
148 64.5 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 51.973 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

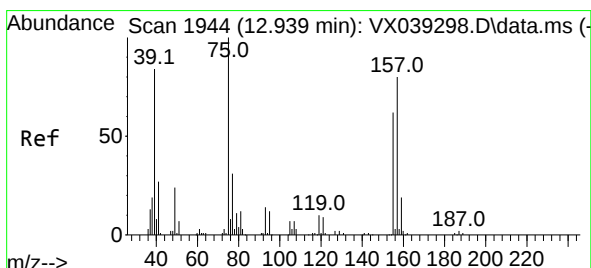
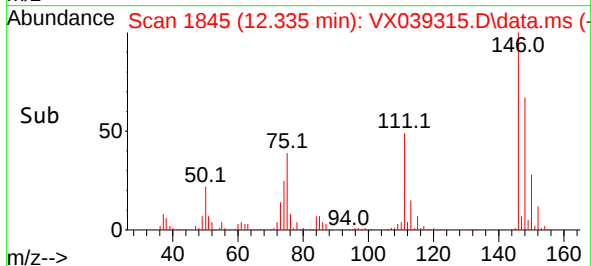
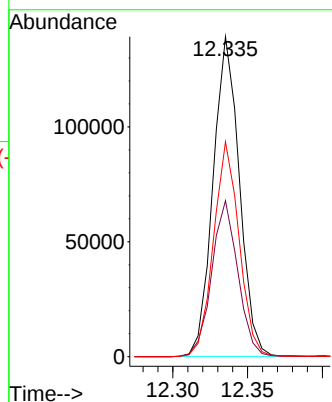
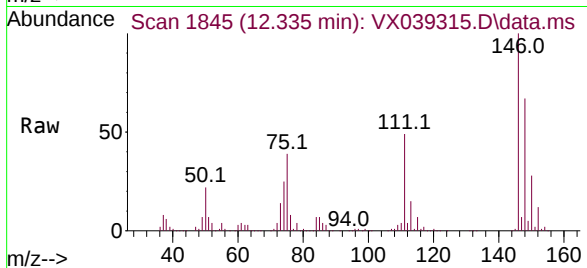
Tgt Ion:146 Resp: 169728

Ion Ratio Lower Upper

146 100

111 48.8 36.4 54.6

148 67.2 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 51.196 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

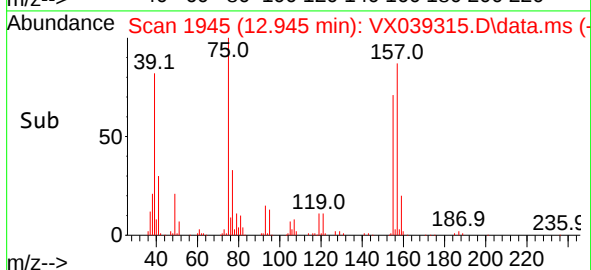
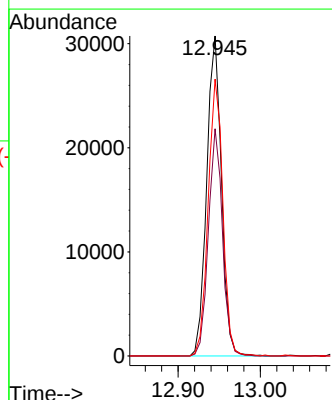
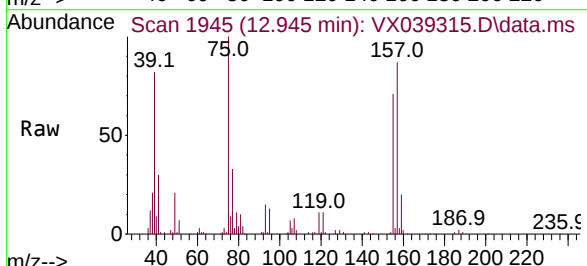
Tgt Ion: 75 Resp: 38206

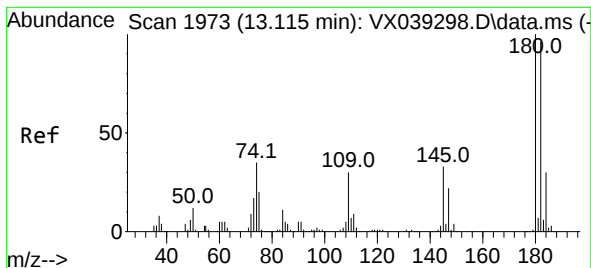
Ion Ratio Lower Upper

75 100

155 71.0 52.3 78.5

157 86.5 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 53.929 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

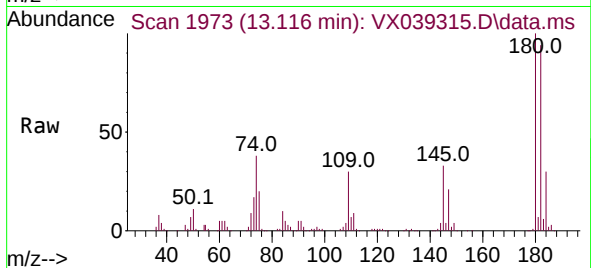
Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 121757

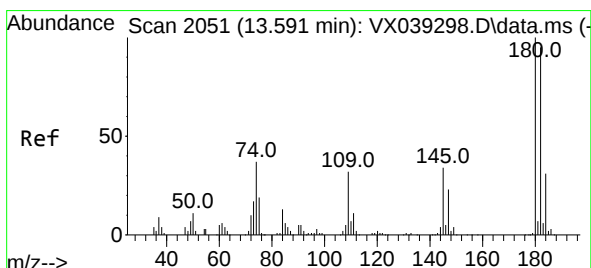
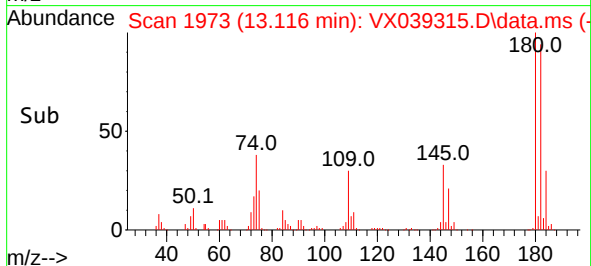
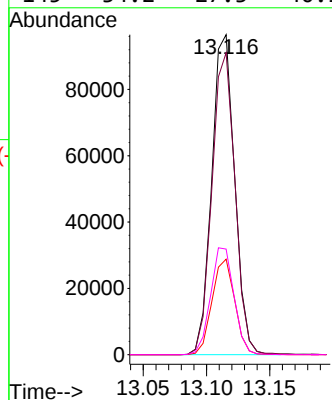
Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

184 29.6 24.1 36.1

145 34.2 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 54.385 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

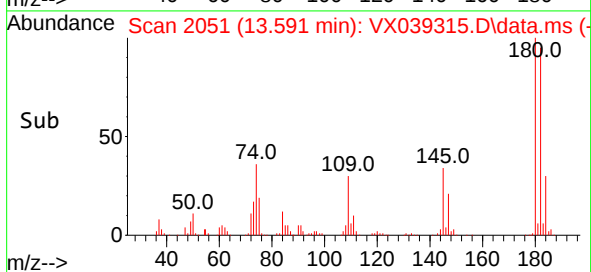
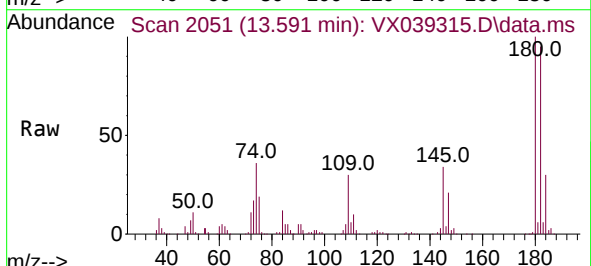
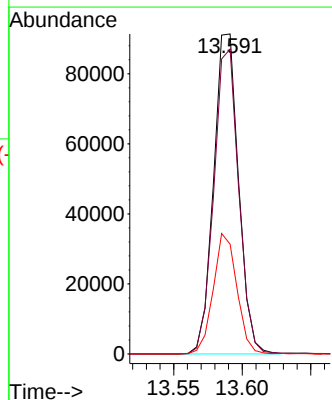
Tgt Ion:180 Resp: 115754

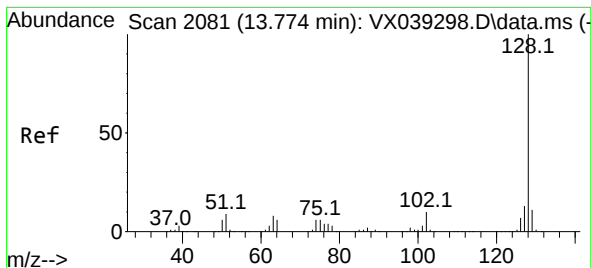
Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

145 35.7 27.8 41.6





#71

Naphthalene

Concen: 55.119 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

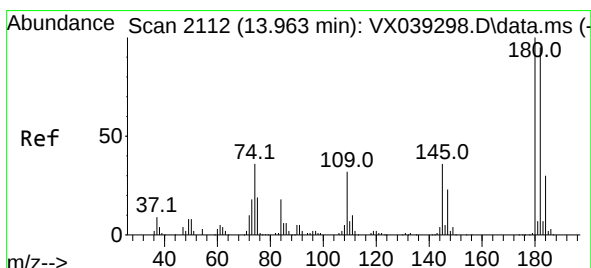
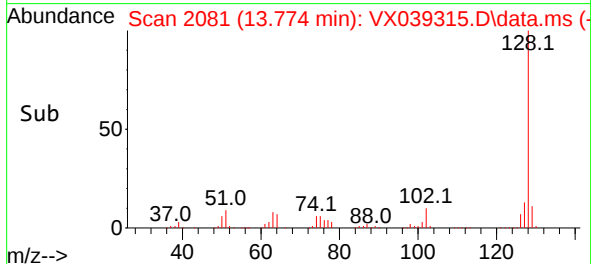
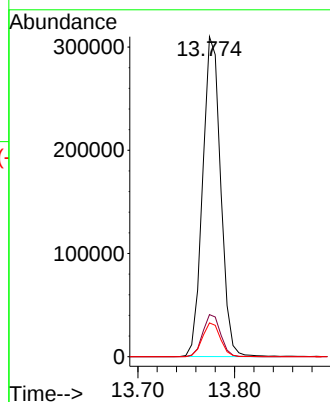
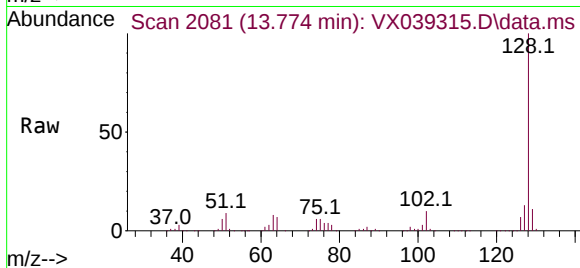
Tgt Ion:128 Resp: 402340

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 54.869 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX039315.D

Acq: 18 Dec 2023 16:36

Tgt Ion:180 Resp: 113078

Ion Ratio Lower Upper

180 100

182 94.2 75.9 113.9

145 38.2 28.6 42.8

