

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035147.D
 Acq On : 19 Apr 2023 00:57
 Operator : JC/MD
 Sample : 02397-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM3

Quant Time: Apr 19 01:39:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

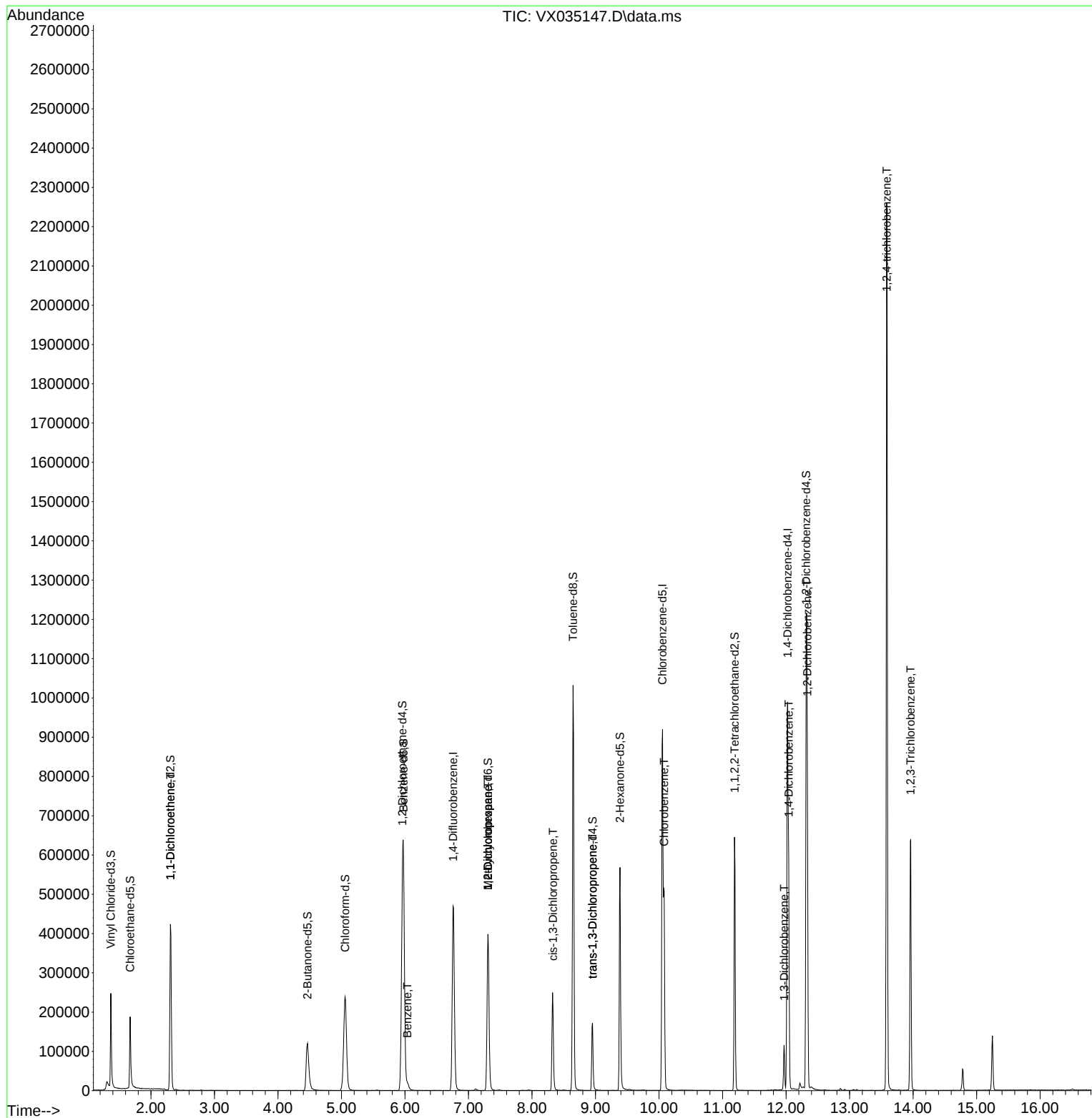
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	487911	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	423627	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	198929	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	166234	52.839	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.680%
7) Chloroethane-d5	1.672	69	127712	56.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.360%
11) 1,1-Dichloroethene-d2	2.306	65	77260	51.324	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.640%
21) 2-Butanone-d5	4.465	46	230305	109.851	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.850%
24) Chloroform-d	5.056	84	305140	51.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.958	65	201244	52.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.780%
32) Benzene-d6	5.976	84	657595	54.038	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.080%
36) 1,2-Dichloropropane-d6	7.306	67	201764	54.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.560%
41) Toluene-d8	8.647	98	598076	53.775	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.560%
43) trans-1,3-Dichloroprop...	8.952	79	83682	51.512	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.020%
47) 2-Hexanone-d5	9.384	63	165179	110.654	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.650%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	245235	53.869	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.740%
66) 1,2-Dichlorobenzene-d4	12.317	152	210311	54.555	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.120%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.306	96	1975	0.678	ug/L #	1
33) Benzene	6.037	78	18766	1.463	ug/L	100
35) Methylcyclohexane	7.306	83	49240	10.714	ug/L #	19
37) 1,2-Dichloropropane	7.306	63	22152	6.558	ug/L #	86
39) cis-1,3-Dichloropropene	8.330	75	5163	1.022	ug/L #	80
44) trans-1,3-Dichloropropene	8.952	75	3440	0.756	ug/L	90
51) Chlorobenzene	10.079	112	222731	25.400	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	37343	6.053	ug/L	93
65) 1,4-Dichlorobenzene	12.042	146	184112	29.165	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	233307	37.298	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	522577	146.332	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	161936	45.933	ug/L	100

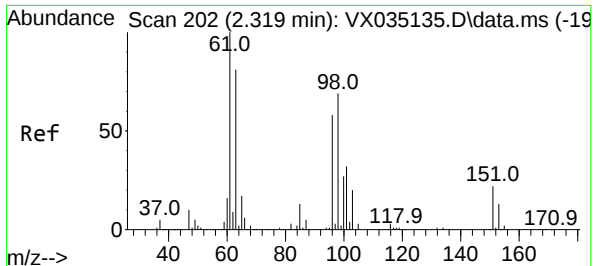
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 19 01:39:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
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QLast Update : Wed Apr 19 01:27:01 2023
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#12

1,1-Dichloroethene

Concen: 0.678 ug/L

RT: 2.306 min Scan# 202

Delta R.T. -0.012 min

Lab File: VX035147.D

Acq: 19 Apr 2023 00:57

Instrument :

MSVOA_X

ClientSampleId :

COMM3

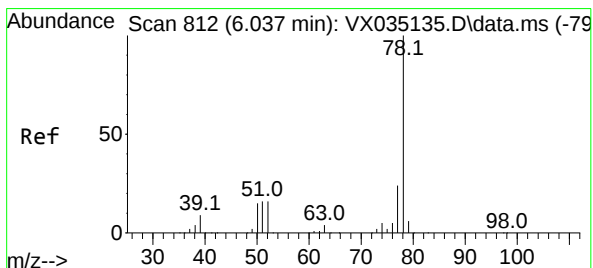
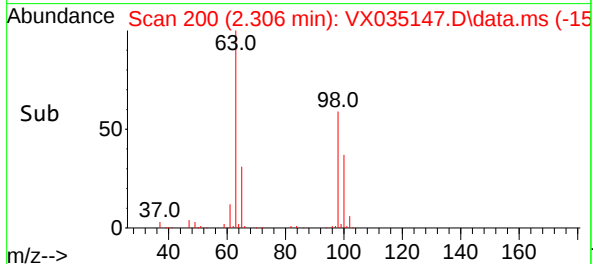
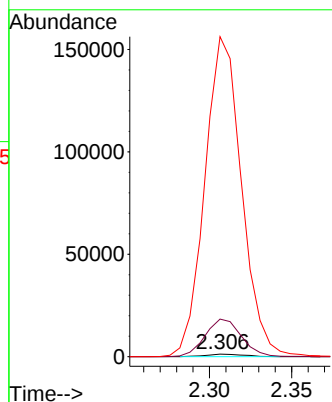
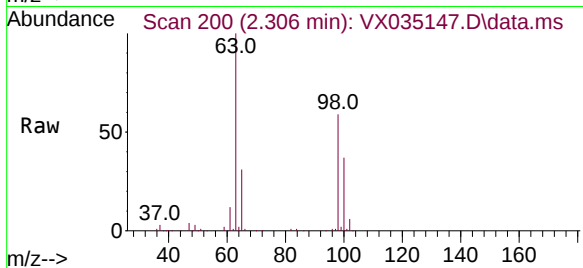
Tgt Ion: 96 Resp: 1975

Ion Ratio Lower Upper

96 100

61 1423.6 119.0 221.0#

63 12134.2 91.0 169.0#



#33

Benzene

Concen: 1.463 ug/L

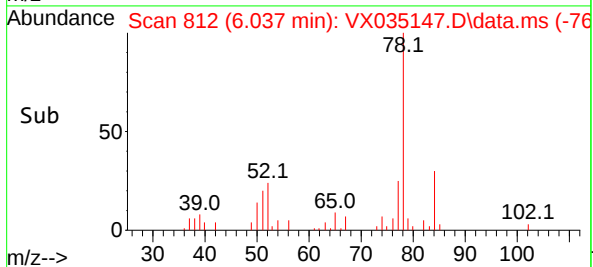
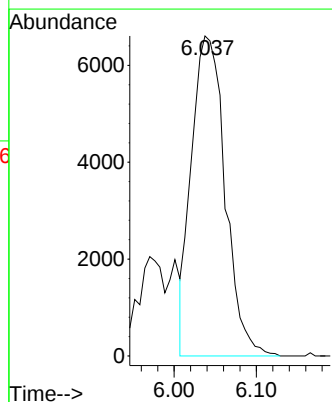
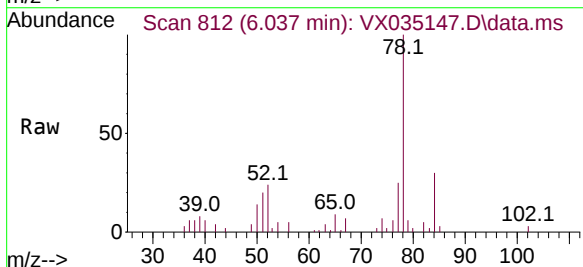
RT: 6.037 min Scan# 812

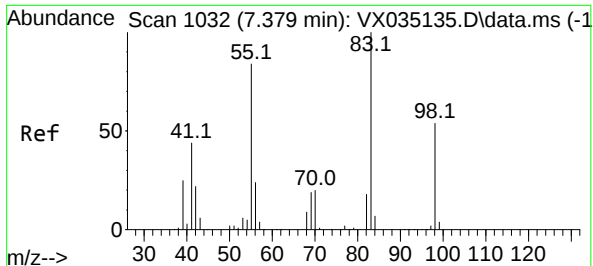
Delta R.T. 0.000 min

Lab File: VX035147.D

Acq: 19 Apr 2023 00:57

Tgt Ion: 78 Resp: 18766

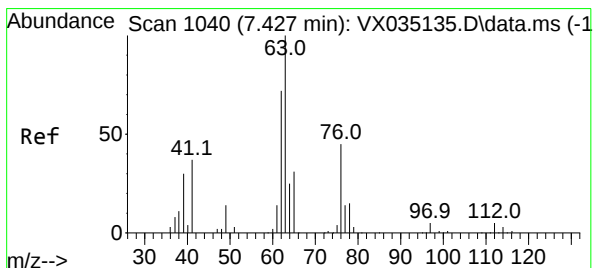
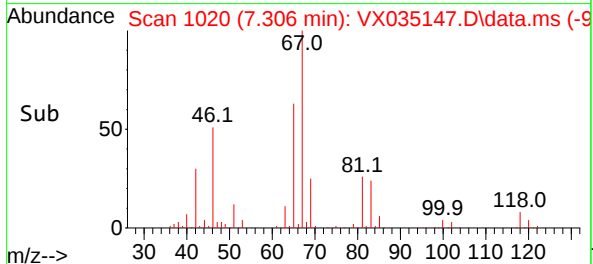
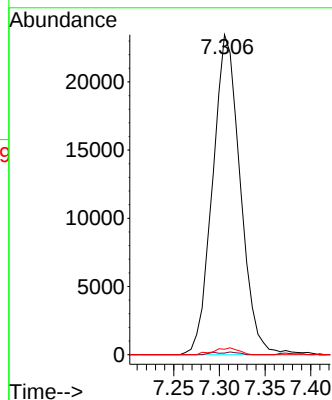
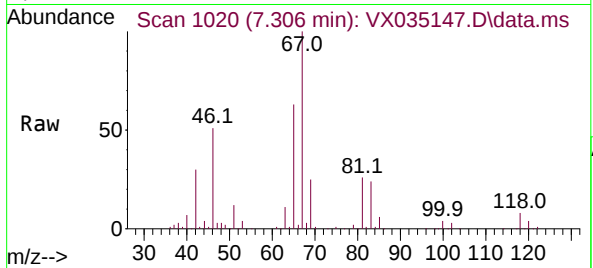




#35
Methylcyclohexane
Concen: 10.714 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.073 min
Lab File: VX035147.D
Acq: 19 Apr 2023 00:57

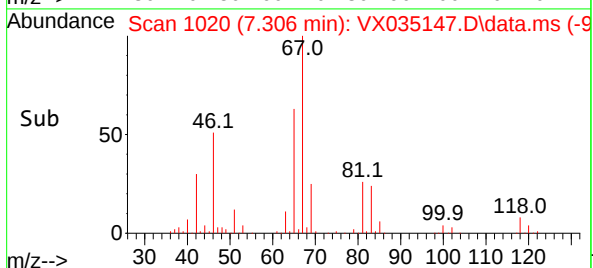
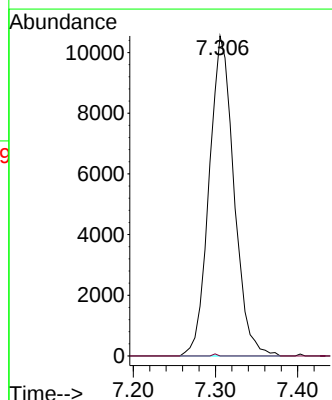
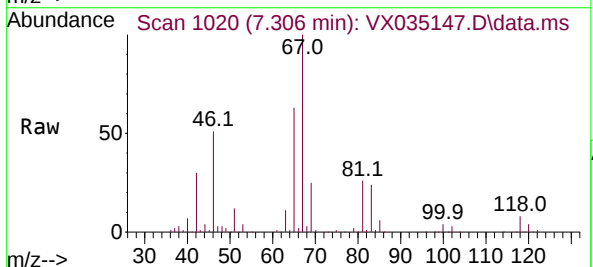
Instrument :
MSVOA_X
ClientSampleId :
COMM3

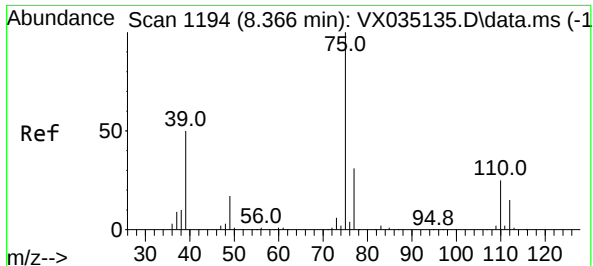
Tgt Ion: 83 Resp: 49240
Ion Ratio Lower Upper
83 100
55 0.4 62.2 93.2#
98 1.7 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 6.558 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX035147.D
Acq: 19 Apr 2023 00:57

Tgt Ion: 63 Resp: 22152
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 1.022 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX035147.D

Acq: 19 Apr 2023 00:57

Instrument :

MSVOA_X

ClientSampleId :

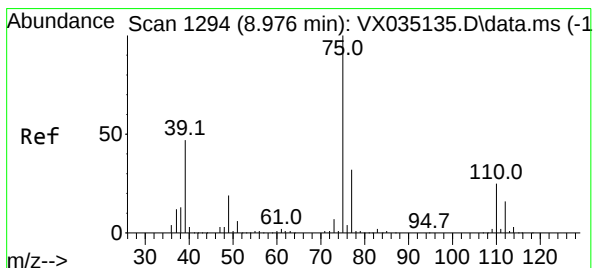
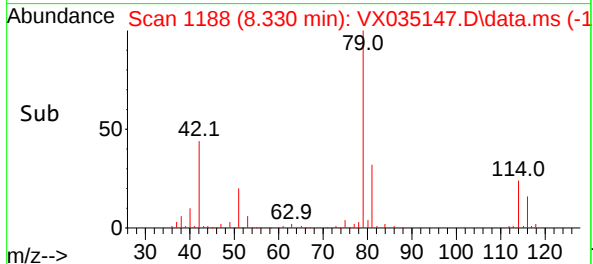
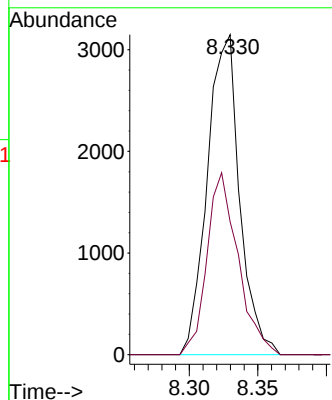
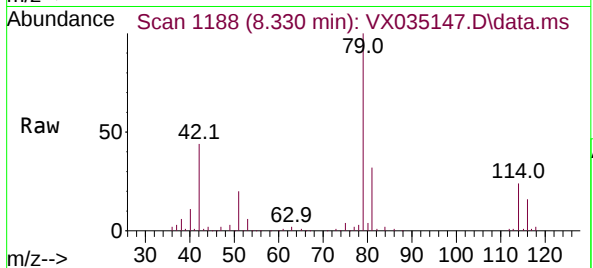
COMM3

Tgt Ion: 75 Resp: 5163

Ion Ratio Lower Upper

75 100

77 41.6 21.4 39.8#



#44

trans-1,3-Dichloropropene

Concen: 0.756 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX035147.D

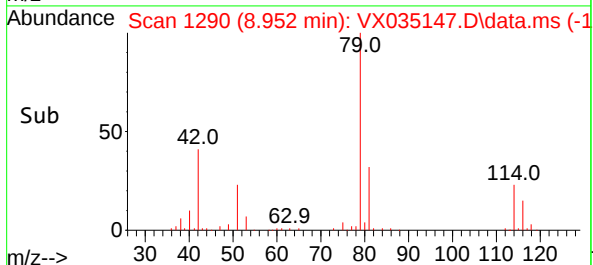
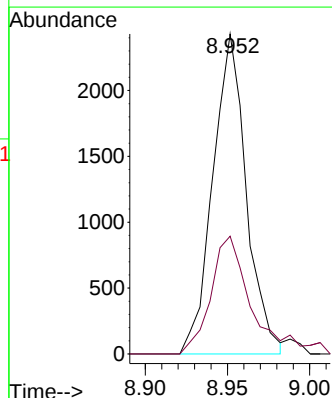
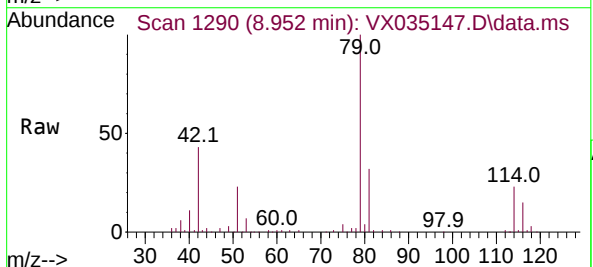
Acq: 19 Apr 2023 00:57

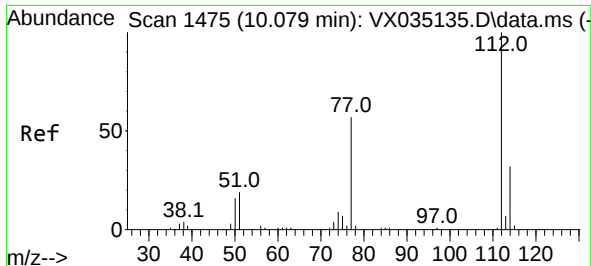
Tgt Ion: 75 Resp: 3440

Ion Ratio Lower Upper

75 100

77 36.8 22.0 40.8

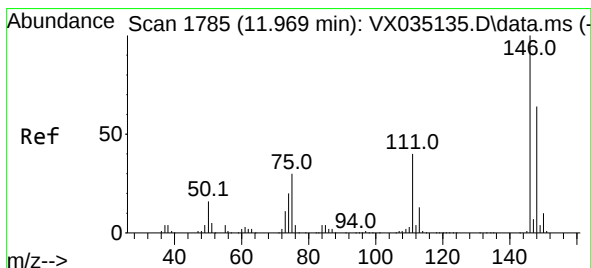
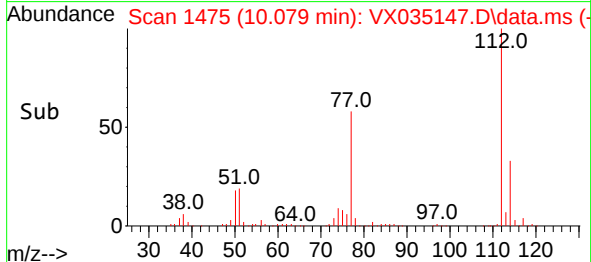
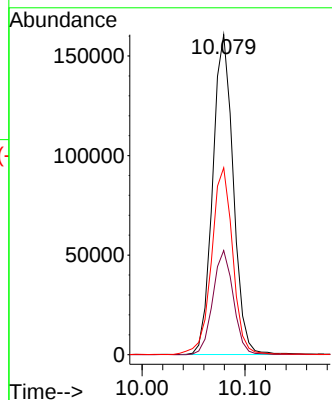
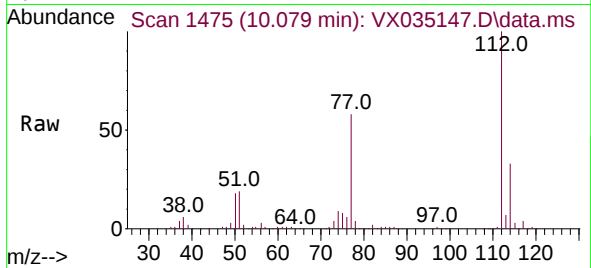




#51
Chlorobenzene
Concen: 25.400 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035147.D
Acq: 19 Apr 2023 00:57

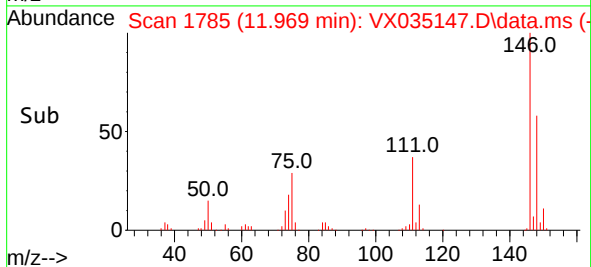
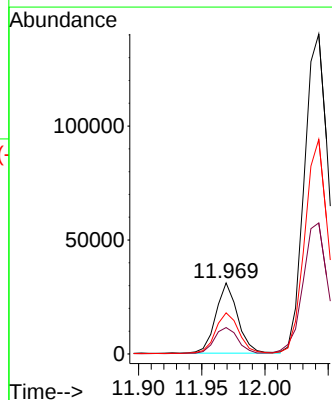
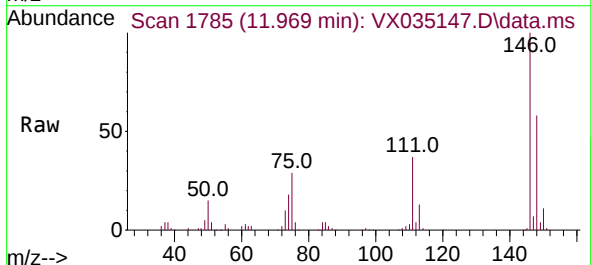
Instrument :
MSVOA_X
ClientSampleId :
COMM3

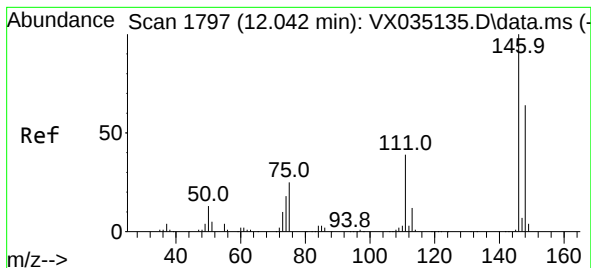
Tgt Ion:112 Resp: 222731
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 58.4 47.0 70.6



#64
1,3-Dichlorobenzene
Concen: 6.053 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035147.D
Acq: 19 Apr 2023 00:57

Tgt Ion:146 Resp: 37343
Ion Ratio Lower Upper
146 100
111 37.2 28.9 53.7
148 58.0 44.3 82.3





#65

1,4-Dichlorobenzene

Concen: 29.165 ug/L

RT: 12.042 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035147.D

Acq: 19 Apr 2023 00:57

Instrument :

MSVOA_X

ClientSampleId :

COMM3

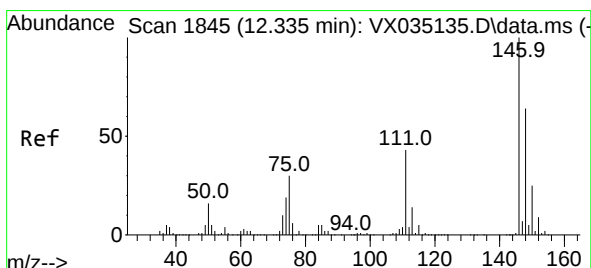
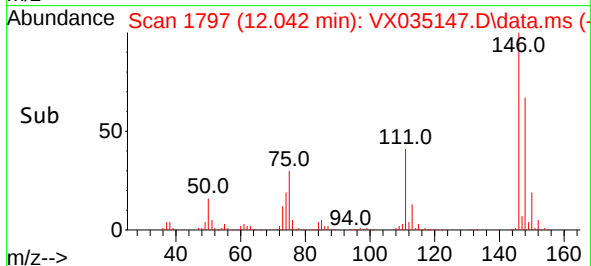
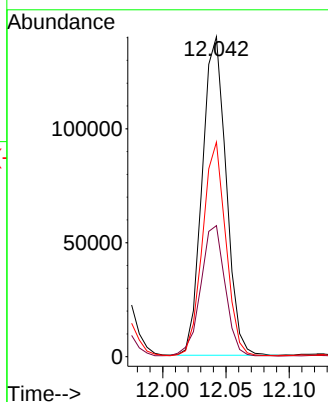
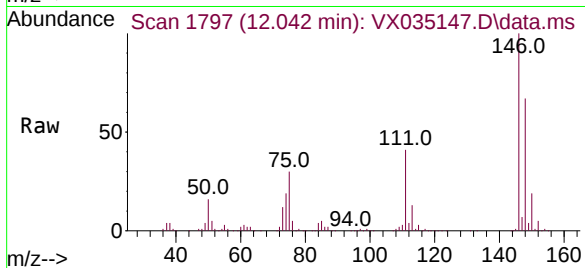
Tgt Ion:146 Resp: 184112

Ion Ratio Lower Upper

146 100

111 40.9 27.9 51.7

148 67.1 45.9 85.3



#67

1,2-Dichlorobenzene

Concen: 37.298 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035147.D

Acq: 19 Apr 2023 00:57

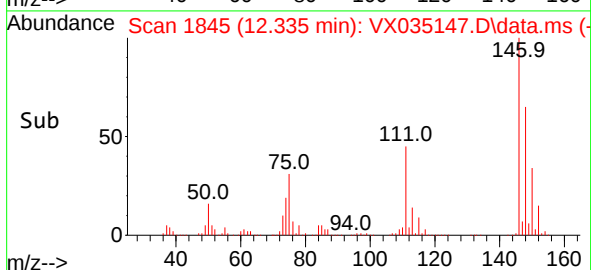
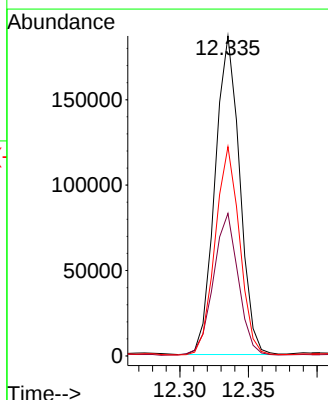
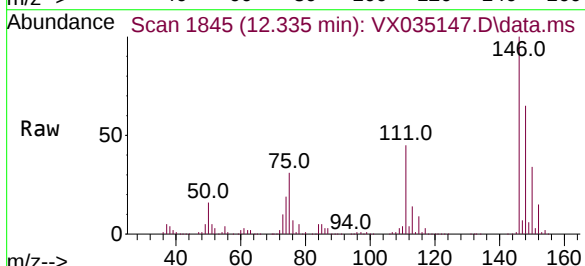
Tgt Ion:146 Resp: 233307

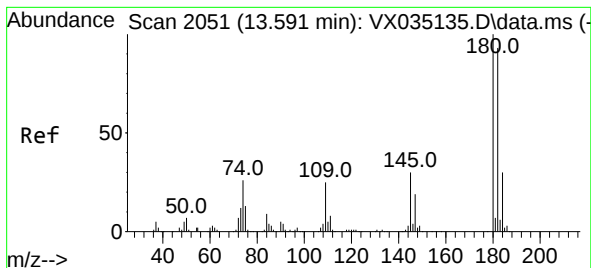
Ion Ratio Lower Upper

146 100

111 44.6 34.7 52.1

148 65.4 52.1 78.1





#70

1,2,4-trichlorobenzene

Concen: 146.332 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX035147.D

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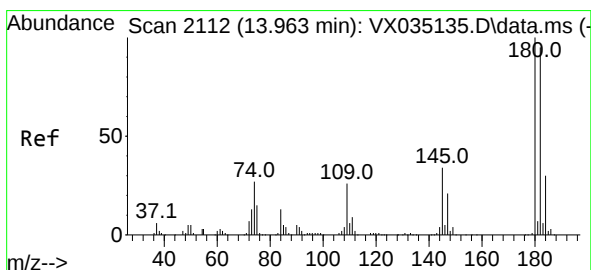
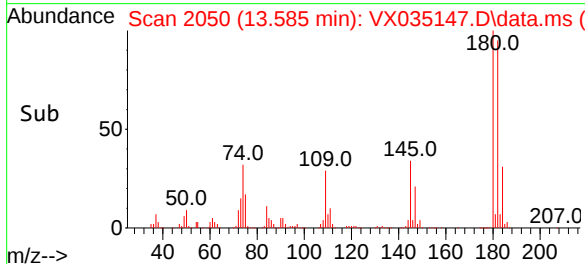
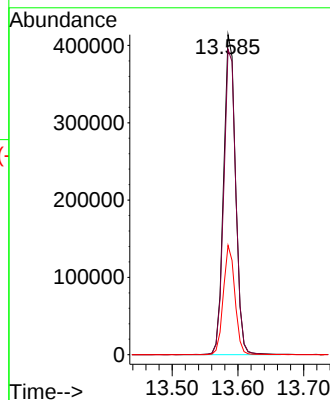
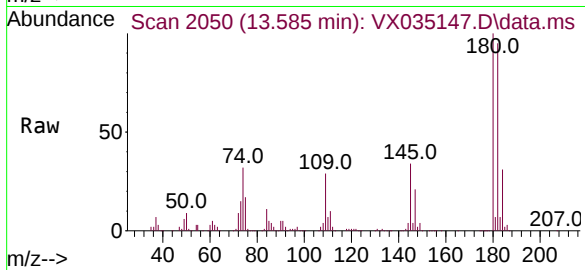
Tgt Ion:180 Resp: 522577

Ion Ratio Lower Upper

180 100

182 96.0 76.6 114.8

145 32.8 26.2 39.4



#72

1,2,3-Trichlorobenzene

Concen: 45.933 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035147.D

Acq: 19 Apr 2023 00:57

Tgt Ion:180 Resp: 161936

Ion Ratio Lower Upper

180 100

182 93.6 75.0 112.6

145 34.1 27.1 40.7

