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 Data File : VX035145.D
 Acq On : 19 Apr 2023 00:11
 Operator : JC/MD
 Sample : 02397-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

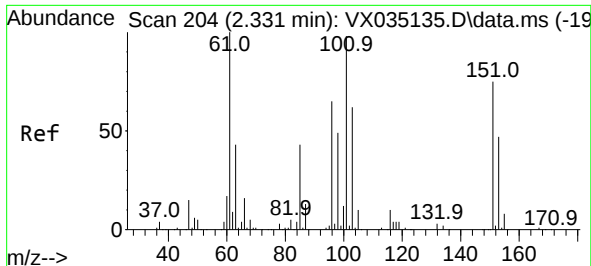
Instrument :
 MSVOA_X
 ClientSampleId :
 COMM1

Quant Time: Apr 19 01:39:21 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	6.763	114	498055	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	435437	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	218481	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	173099	53.901	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.800%
7) Chloroethane-d5	1.673	69	124722	53.746	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.500%
11) 1,1-Dichloroethene-d2	2.307	65	80417	52.334	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.660%
21) 2-Butanone-d5	4.459	46	236663	110.585	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.580%
24) Chloroform-d	5.056	84	318322	52.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.260%
26) 1,2-Dichloroethane-d4	5.952	65	211744	54.521	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.040%
32) Benzene-d6	5.971	84	685994	54.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.680%
36) 1,2-Dichloropropane-d6	7.306	67	212871	55.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.420%
41) Toluene-d8	8.647	98	629849	55.096	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.200%
43) trans-1,3-Dichloroprop...	8.952	79	85421	51.157	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.320%
47) 2-Hexanone-d5	9.385	63	172996	112.748	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.750%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	254932	54.480	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.960%
66) 1,2-Dichlorobenzene-d4	12.104	152	184	0.043	ug/L	-0.22
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.080%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	2517	0.772	ug/L #	19
12) 1,1-Dichloroethene	2.307	96	1364	0.458	ug/L #	1
13) Acetone	2.392	43	27849	17.545	ug/L	100
33) Benzene	6.038	78	341174	25.873	ug/L	100
35) Methylcyclohexane	7.306	83	51814	10.968	ug/L #	18
39) cis-1,3-Dichloropropene	8.324	75	5565	1.072	ug/L #	66
44) trans-1,3-Dichloropropene	8.952	75	3712	0.794	ug/L #	76
48) 2-Hexanone	9.385	43	19558	5.629	ug/L #	69
51) Chlorobenzene	10.080	112	7104899	788.257	ug/L	89
64) 1,3-Dichlorobenzene	11.969	146	666969	98.438	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	2783368	401.456	ug/L	98
67) 1,2-Dichlorobenzene	12.341	146	10317976	1501.870	ug/L #	81
68) 1,2-Dibromo-3-chloropr...	12.921	75	20799	20.897	ug/L #	3
69) 1,3,5-Trichlorobenzene	13.116	180	3695	0.882	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	3355197	855.443	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	713330	184.228	ug/L	98

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

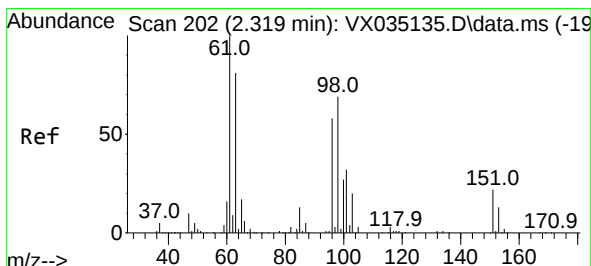
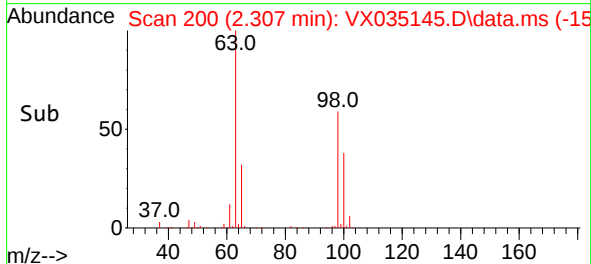
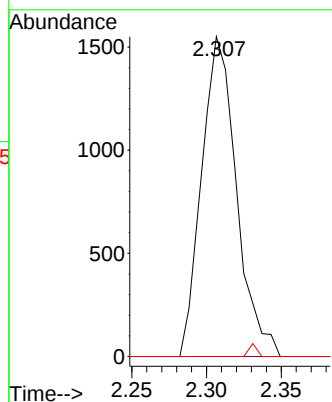
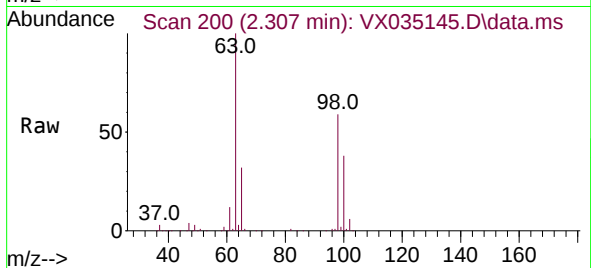
Instrument :
MSVOA_X
ClientSampleId :
COMM1



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.772 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. -0.024 min
 Lab File: VX035145.D
 Acq: 19 Apr 2023 00:11

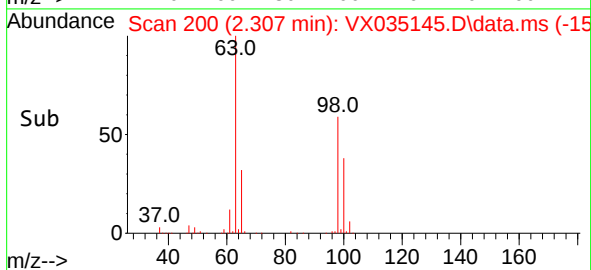
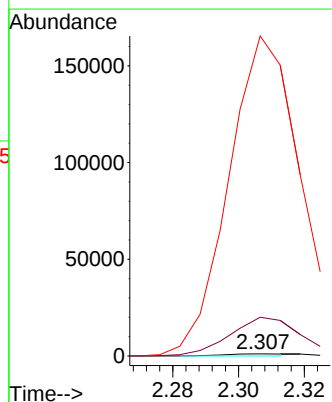
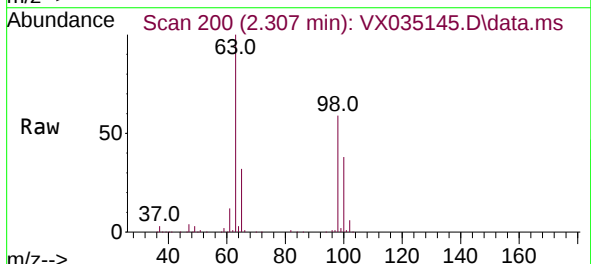
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 ClientSampleId :
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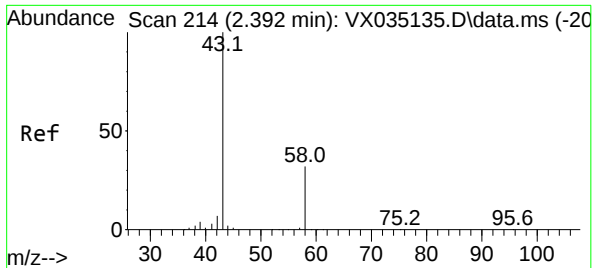
Tgt Ion:101 Resp: 2517
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.2#
 151 0.0 61.1 91.7#



#12
 1,1-Dichloroethene
 Concen: 0.458 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. -0.012 min
 Lab File: VX035145.D
 Acq: 19 Apr 2023 00:11

Tgt Ion: 96 Resp: 1364
 Ion Ratio Lower Upper
 96 100
 61 1920.3 119.0 221.0#
 63 15846.7 91.0 169.0#

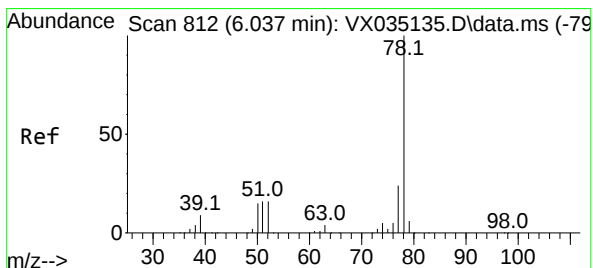
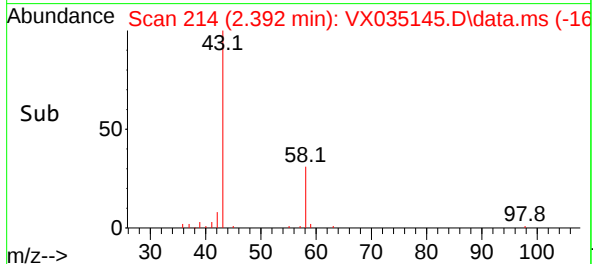
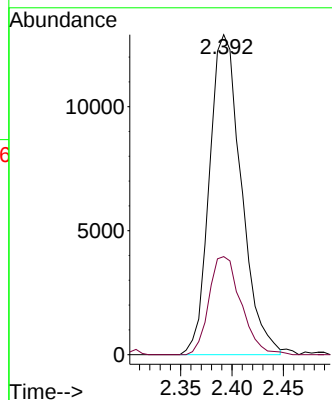
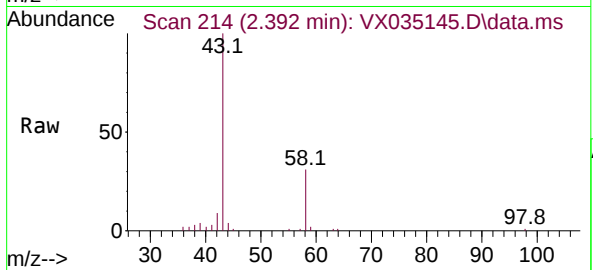




#13
Acetone
Concen: 17.545 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

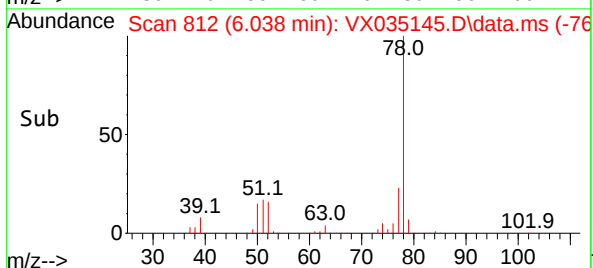
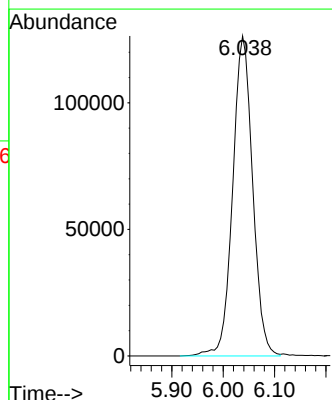
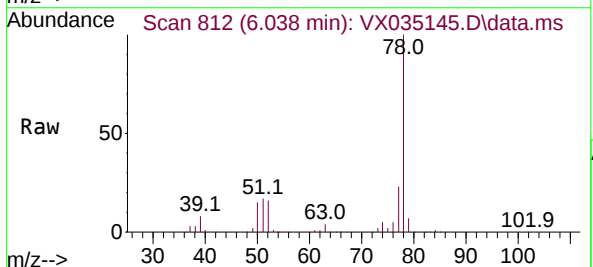
Instrument :
MSVOA_X
ClientSampleId :
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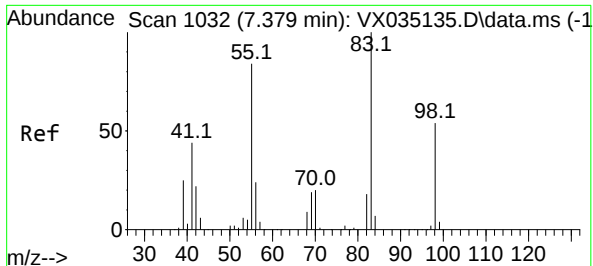
Tgt Ion: 43 Resp: 27849
Ion Ratio Lower Upper
43 100
58 30.8 0.0 62.0



#33
Benzene
Concen: 25.873 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

Tgt Ion: 78 Resp: 341174

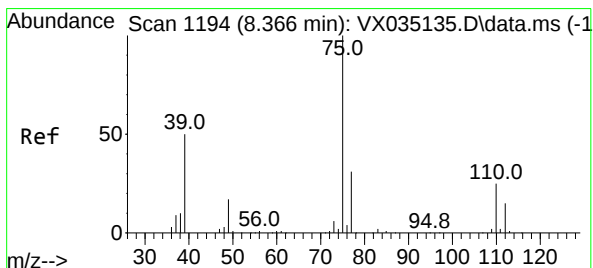
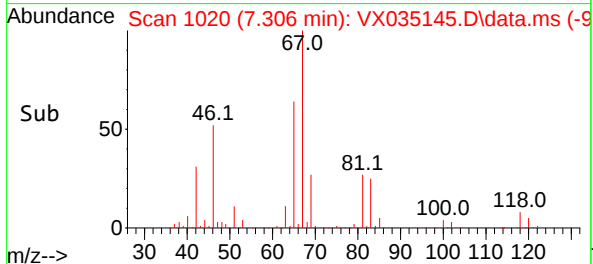
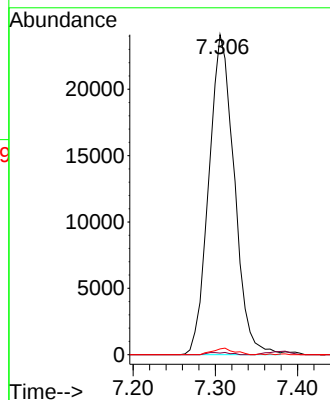
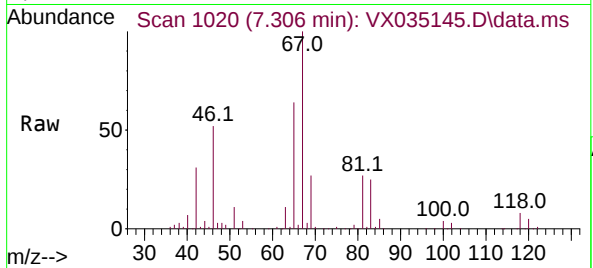




#35
Methylcyclohexane
Concen: 10.968 ug/L
RT: 7.306 min Scan# 1187
Delta R.T. -0.073 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

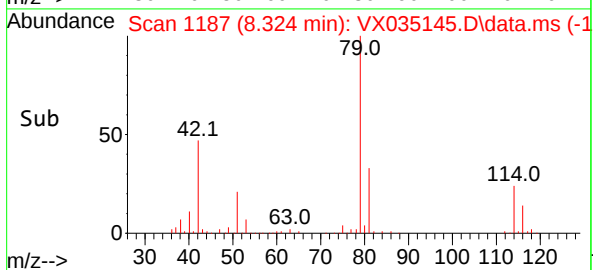
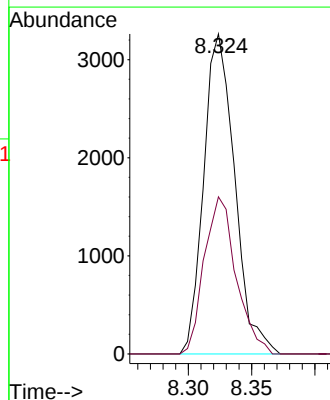
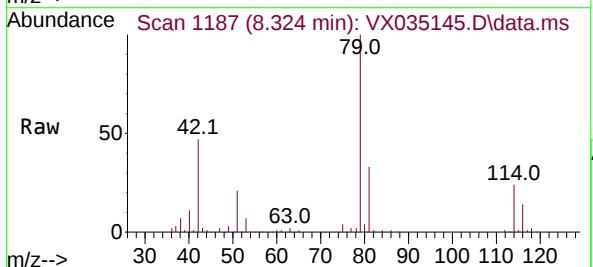
Instrument :
MSVOA_X
ClientSampleId :
COMM1

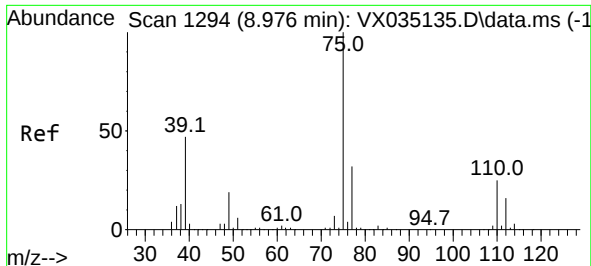
Tgt Ion: 83 Resp: 51814
Ion Ratio Lower Upper
83 100
55 0.2 62.2 93.2#
98 1.7 39.3 58.9#



#39
cis-1,3-Dichloropropene
Concen: 1.072 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

Tgt Ion: 75 Resp: 5565
Ion Ratio Lower Upper
75 100
77 49.1 21.4 39.8#

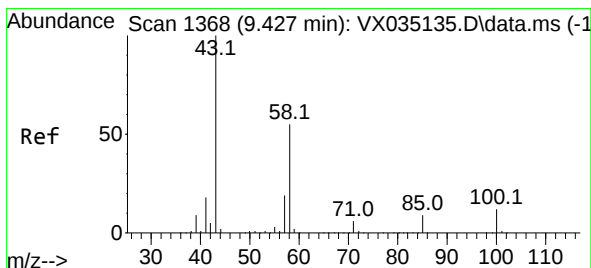
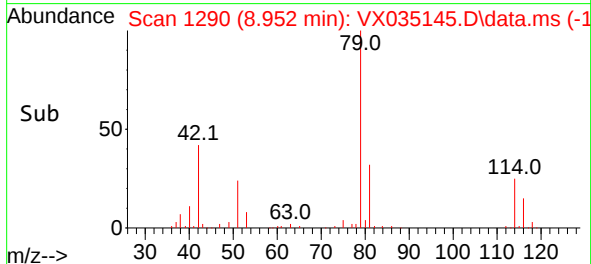
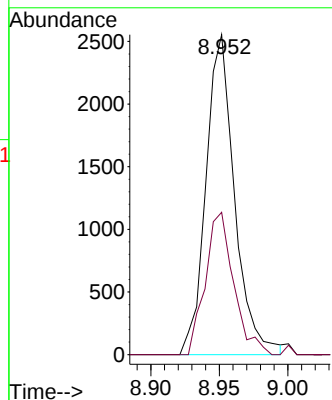
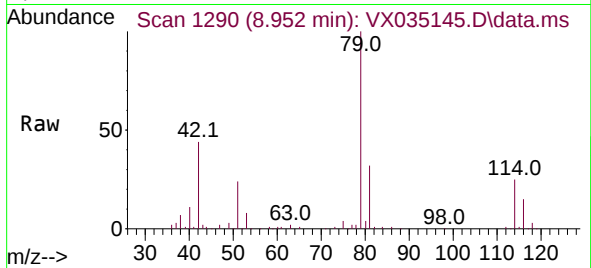




#44
trans-1,3-Dichloropropene
Concen: 0.794 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

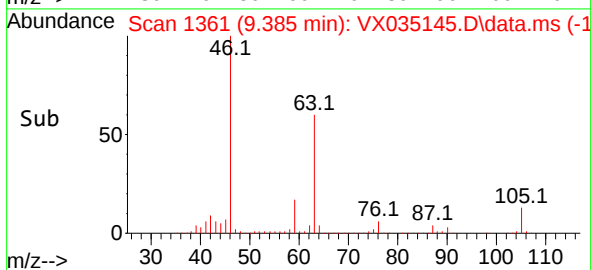
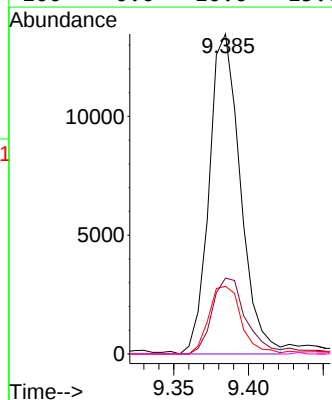
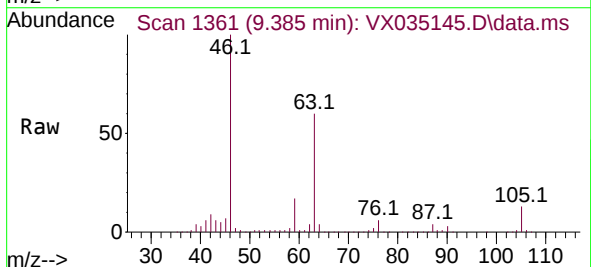
Instrument :
MSVOA_X
ClientSampleId :
COMM1

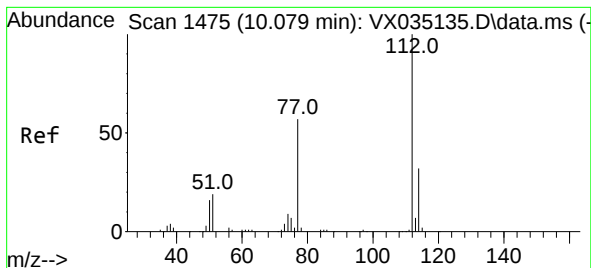
Tgt Ion: 75 Resp: 3712
Ion Ratio Lower Upper
75 100
77 44.5 22.0 40.8#



#48
2-Hexanone
Concen: 5.629 ug/L
RT: 9.385 min Scan# 1361
Delta R.T. -0.042 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

Tgt Ion: 43 Resp: 19558
Ion Ratio Lower Upper
43 100
58 25.4 43.2 64.8#
57 21.9 15.4 23.0
100 0.0 10.0 15.0#





#51

Chlorobenzene

Concen: 788.257 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035145.D

Acq: 19 Apr 2023 00:11

Instrument :

MSVOA_X

ClientSampleId :

COMM1

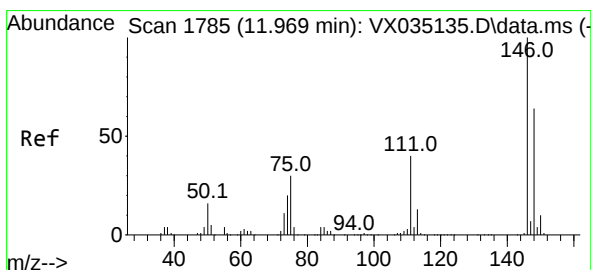
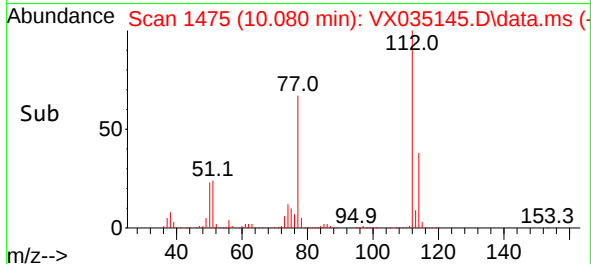
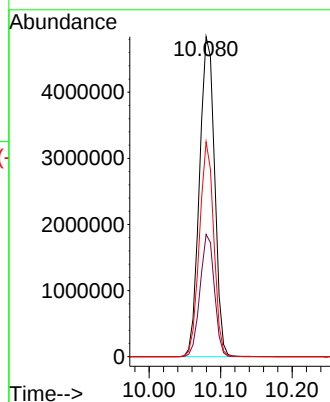
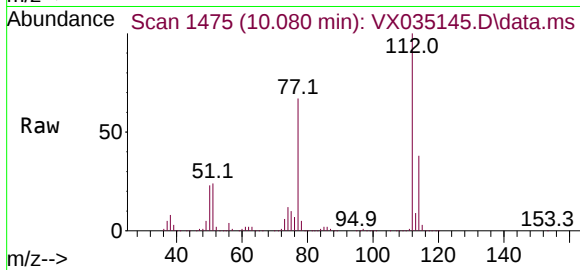
Tgt Ion:112 Resp: 7104899

Ion Ratio Lower Upper

112 100

114 38.2 22.4 41.6

77 67.1 47.0 70.6



#64

1,3-Dichlorobenzene

Concen: 98.438 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035145.D

Acq: 19 Apr 2023 00:11

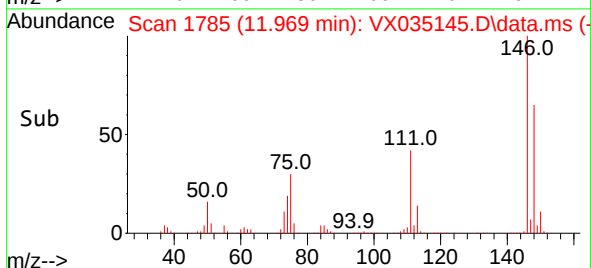
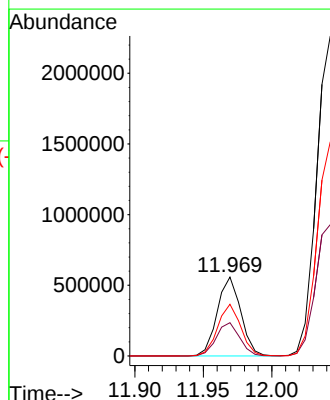
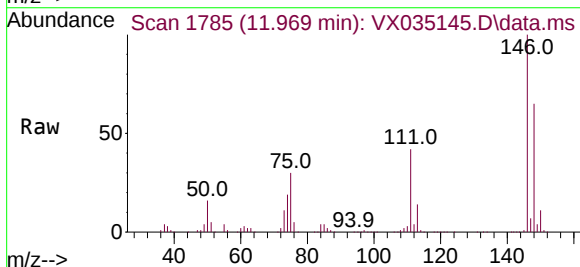
Tgt Ion:146 Resp: 666969

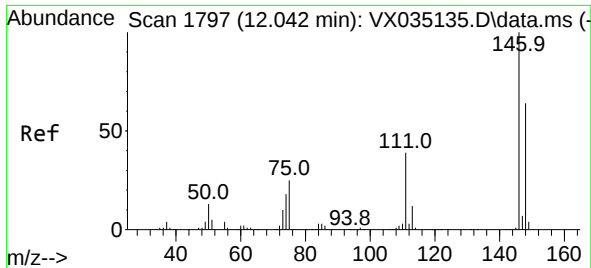
Ion Ratio Lower Upper

146 100

111 42.3 28.9 53.7

148 65.5 44.3 82.3

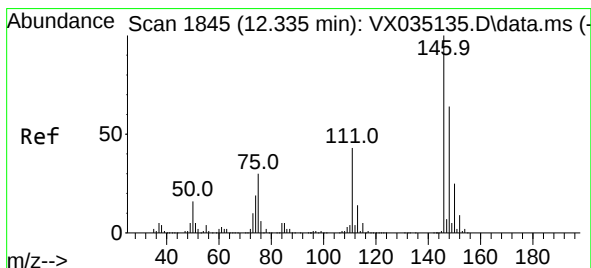
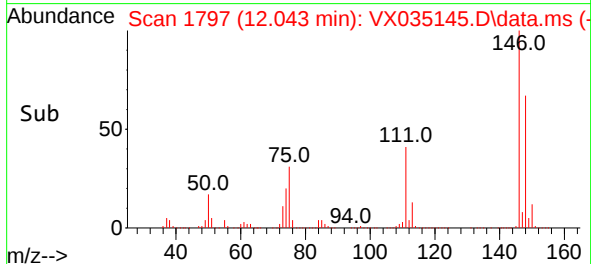
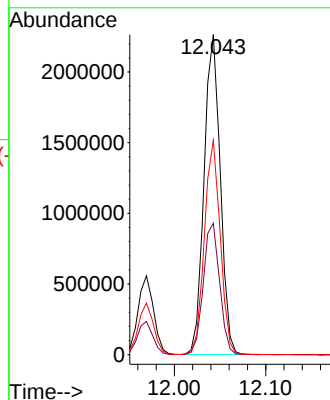
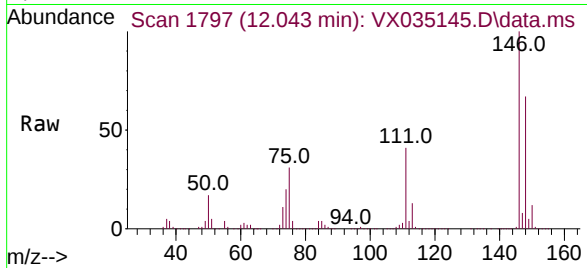




#65
1,4-Dichlorobenzene
Concen: 401.456 ug/L
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

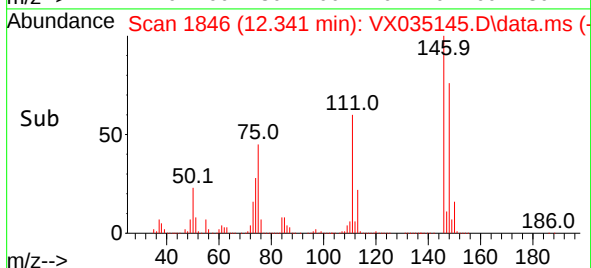
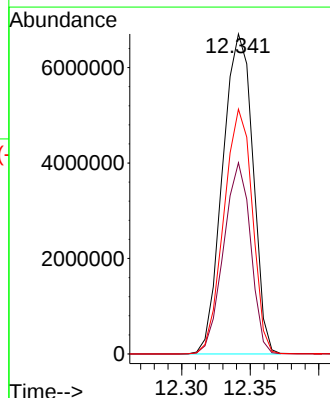
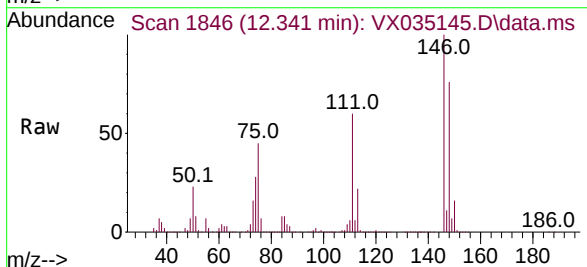
Instrument :
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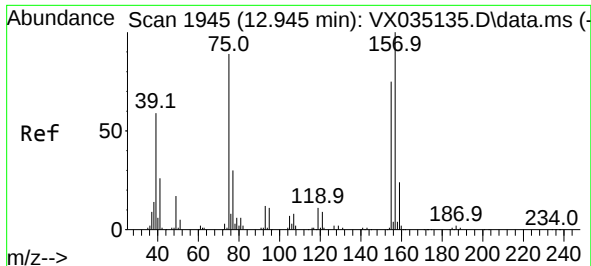
Tgt Ion:146 Resp: 2783368
Ion Ratio Lower Upper
146 100
111 41.0 27.9 51.7
148 66.9 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 1501.870 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

Tgt Ion:146 Resp:10317976
Ion Ratio Lower Upper
146 100
111 59.7 34.7 52.1#
148 76.5 52.1 78.1

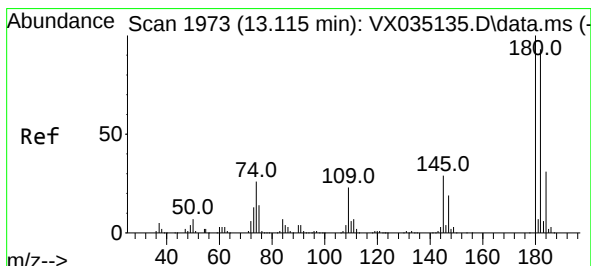
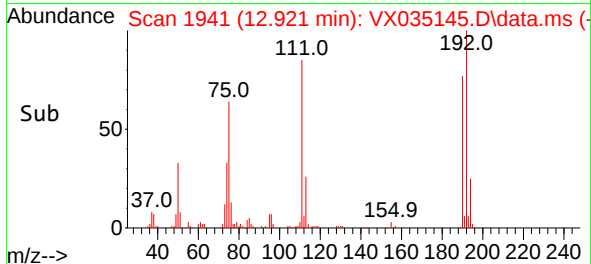
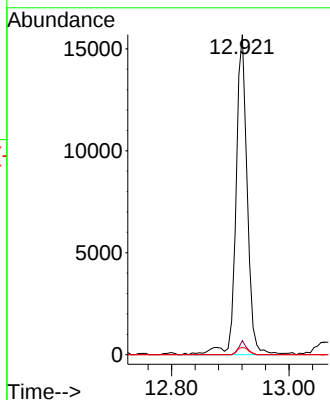
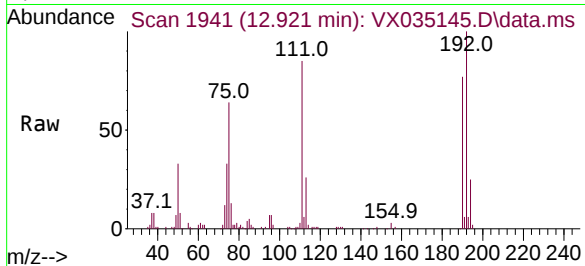




#68
1,2-Dibromo-3-chloropropane
Concen: 20.897 ug/L
RT: 12.921 min Scan# 1941
Delta R.T. -0.024 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

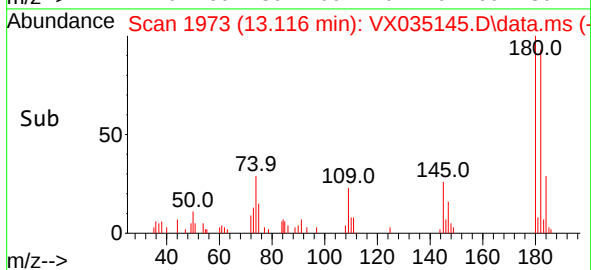
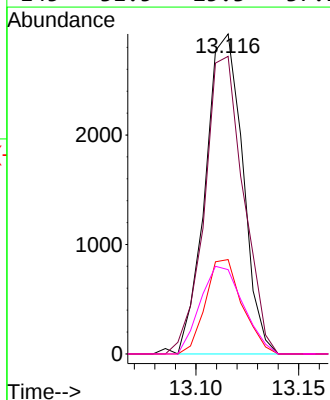
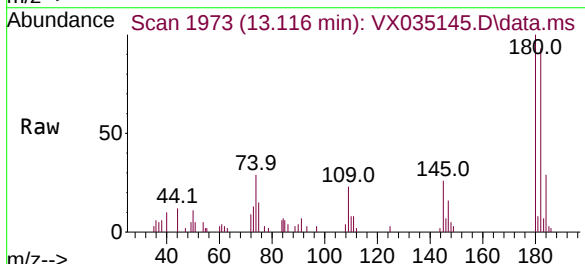
Instrument :
MSVOA_X
ClientSampleId :
COMM1

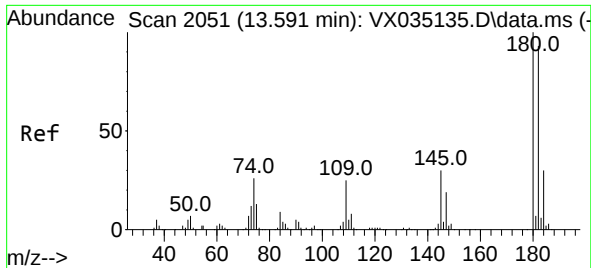
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Ion Ratio Lower Upper
75 100
155 4.4 69.9 104.9#
157 2.2 90.4 135.6#



#69
1,3,5-Trichlorobenzene
Concen: 0.882 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

Tgt Ion: 180 Resp: 3695
Ion Ratio Lower Upper
180 100
182 96.8 75.4 113.0
184 29.1 23.8 35.8
145 31.5 25.3 37.9

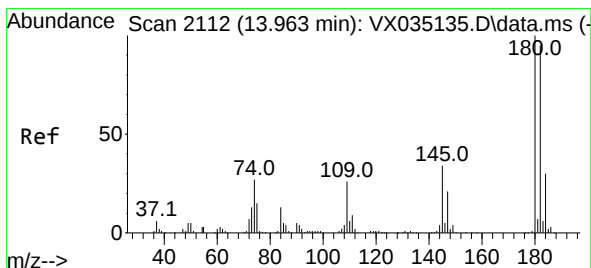
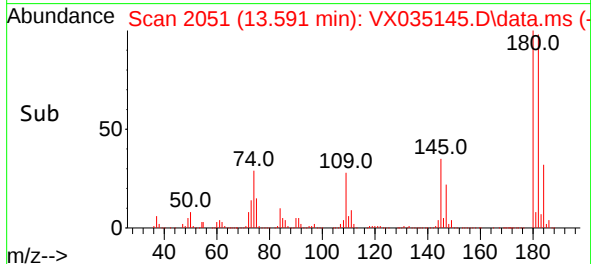
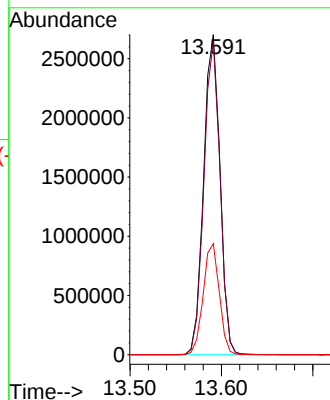
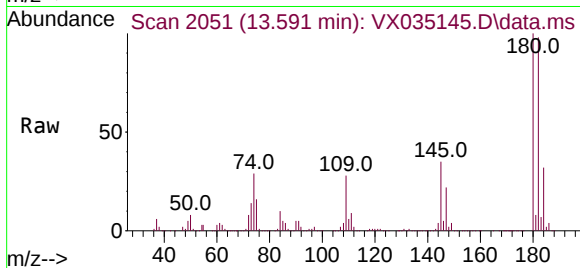




#70
1,2,4-trichlorobenzene
Concen: 855.443 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

Instrument :
MSVOA_X
ClientSampleId :
COMM1

Tgt Ion:180 Resp: 3355197
Ion Ratio Lower Upper
180 100
182 96.5 76.6 114.8
145 34.1 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 184.228 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

Tgt Ion:180 Resp: 713330
Ion Ratio Lower Upper
180 100
182 96.1 75.0 112.6
145 34.7 27.1 40.7

