

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035150.D
 Acq On : 19 Apr 2023 02:06
 Operator : JC/MD
 Sample : 02397-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM6

Quant Time: Apr 19 02:48:32 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

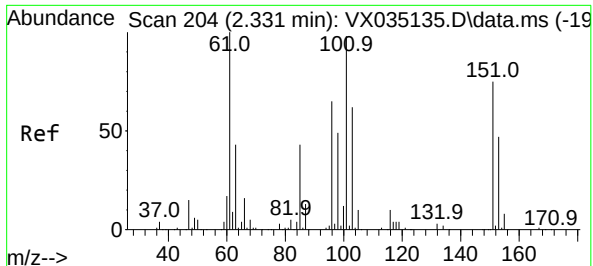
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	513653	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	451163	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	226647	50.000	ug/L	# 0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	168534	50.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.780%
7) Chloroethane-d5	1.672	69	126262	52.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.520%
11) 1,1-Dichloroethene-d2	2.306	65	82828	52.266	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.540%
21) 2-Butanone-d5	4.458	46	230216	104.306	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.310%
24) Chloroform-d	5.056	84	325915	52.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.500%
26) 1,2-Dichloroethane-d4	5.958	65	216594	54.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.160%
32) Benzene-d6	5.976	84	703036	54.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.500%
36) 1,2-Dichloropropane-d6	7.305	67	211317	53.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.760%
41) Toluene-d8	8.647	98	640015	54.034	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.060%
43) trans-1,3-Dichloroprop...	8.951	79	86202	49.825	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.660%
47) 2-Hexanone-d5	9.384	63	169391	106.550	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.550%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	251575	51.889	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.780%
66) 1,2-Dichlorobenzene-d4	12.323	152	228439	52.011	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.020%

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	2513	0.747	ug/L #	19
12) 1,1-Dichloroethene	2.312	96	2146	0.699	ug/L #	1
25) Chloroform	5.092	83	15060	2.438	ug/L	92
29) Cyclohexane	5.476	56	6140	1.126	ug/L #	90
31) Carbon tetrachloride	5.678	117	30195	6.730	ug/L	95
33) Benzene	6.043	78	14690037	1075.178	ug/L	100
44) trans-1,3-Dichloropropene	8.945	75	3703	0.764	ug/L	94
46) Tetrachloroethene	9.275	164	2142	0.791	ug/L	84
64) 1,3-Dichlorobenzene	11.969	146	1307906	186.079	ug/L	98
65) 1,4-Dichlorobenzene	12.049	146	12637990	1757.152	ug/L #	77
67) 1,2-Dichlorobenzene	12.341	146	9910427	1390.574	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	12.920	75	53621	51.931	ug/L #	2
69) 1,3,5-Trichlorobenzene	13.115	180	19830	4.564	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	5500515	1351.887	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	1572412	391.466	ug/L	99

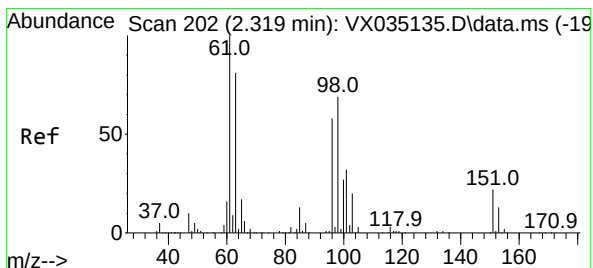
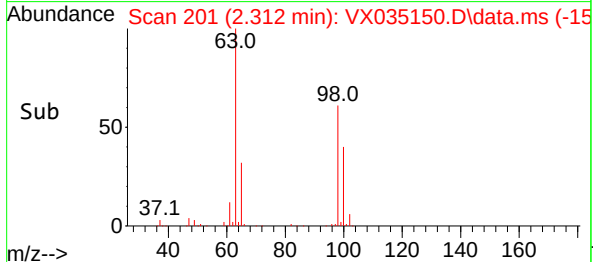
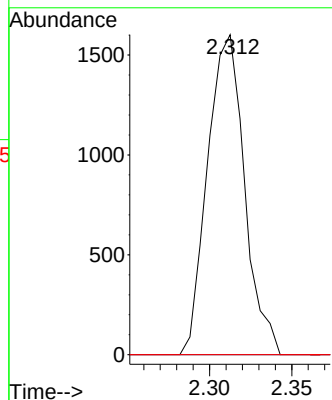
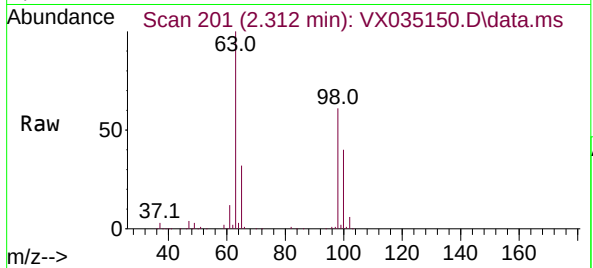
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.747 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. -0.018 min
 Lab File: VX035150.D
 Acq: 19 Apr 2023 02:06

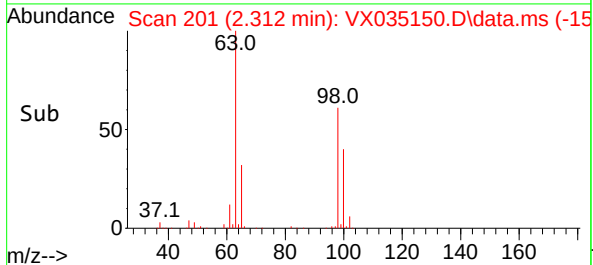
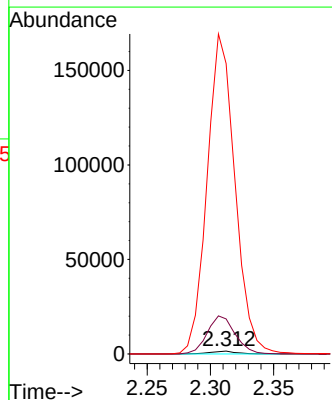
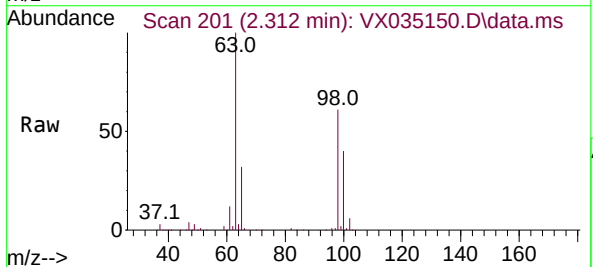
Instrument :
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 ClientSampleId :
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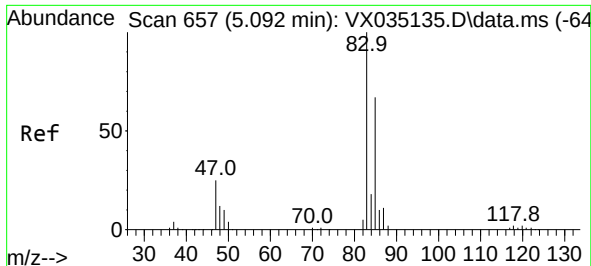
Tgt Ion:101 Resp: 2513
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.2#
 151 0.0 61.1 91.7#



#12
 1,1-Dichloroethene
 Concen: 0.699 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX035150.D
 Acq: 19 Apr 2023 02:06

Tgt Ion: 96 Resp: 2146
 Ion Ratio Lower Upper
 96 100
 61 1215.0 119.0 221.0#
 63 10076.3 91.0 169.0#

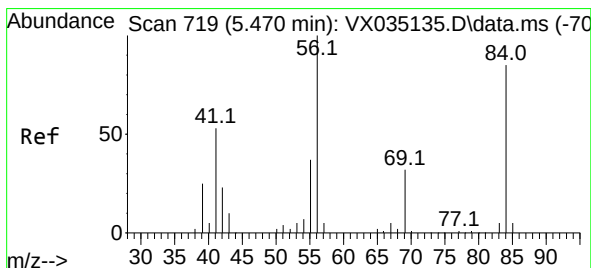
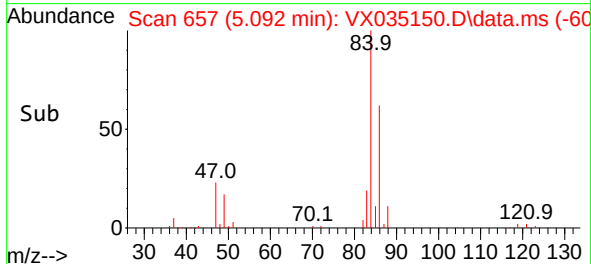
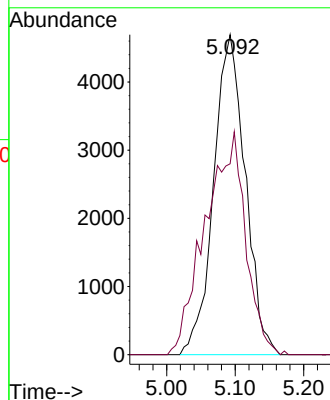
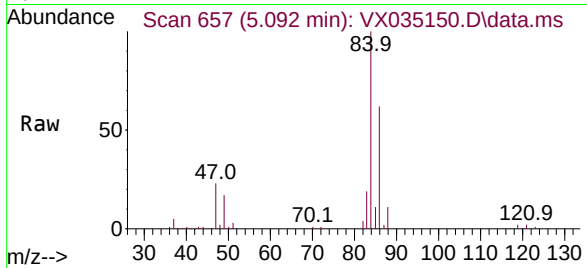




#25
Chloroform
Concen: 2.438 ug/L
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035150.D
Acq: 19 Apr 2023 02:06

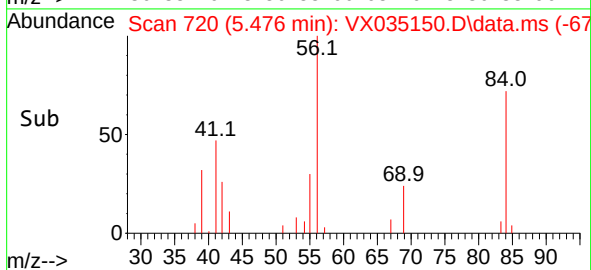
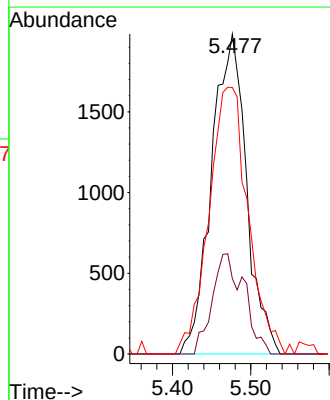
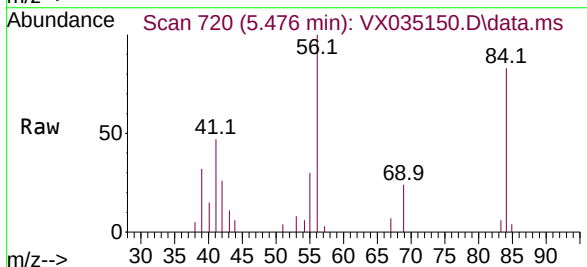
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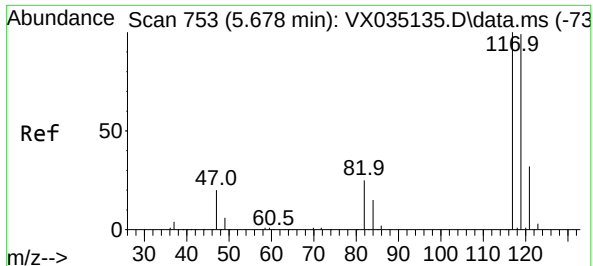
Tgt Ion: 83 Resp: 15060
Ion Ratio Lower Upper
83 100
85 59.6 46.0 85.4



#29
Cyclohexane
Concen: 1.126 ug/L
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX035150.D
Acq: 19 Apr 2023 02:06

Tgt Ion: 56 Resp: 6140
Ion Ratio Lower Upper
56 100
69 20.6 25.1 37.7#
84 93.2 70.1 105.1

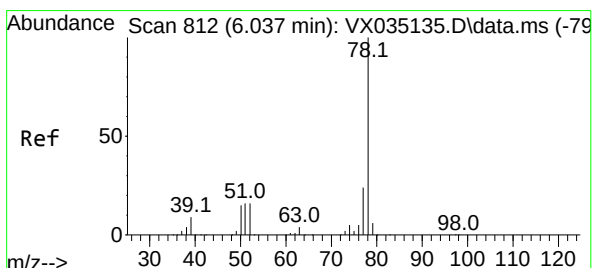
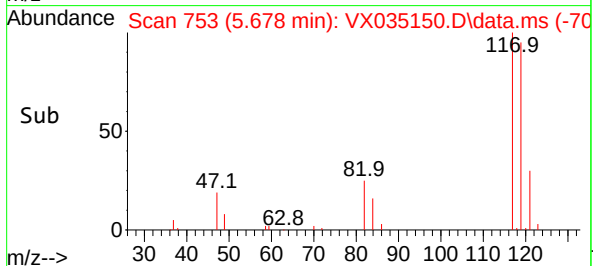
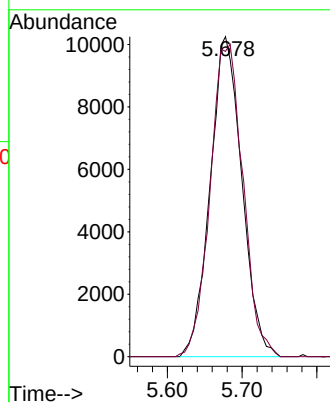
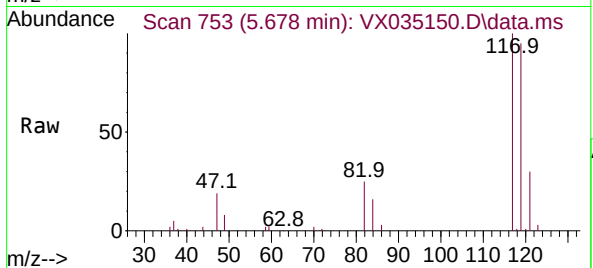




#31
Carbon tetrachloride
Concen: 6.730 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035150.D
Acq: 19 Apr 2023 02:06

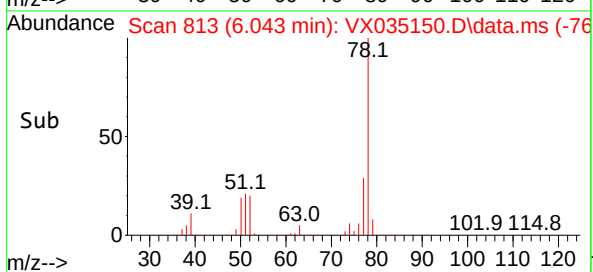
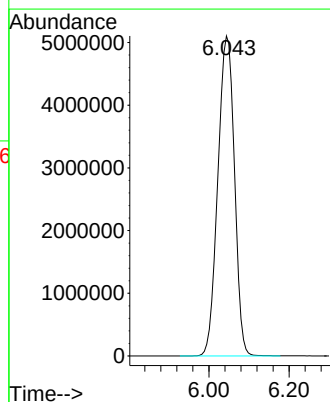
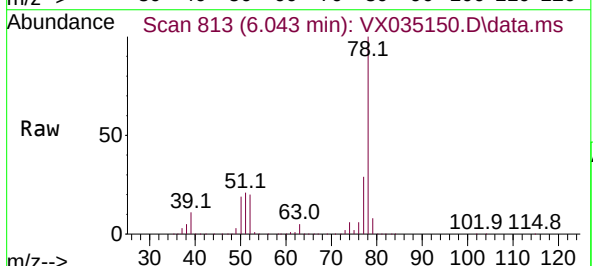
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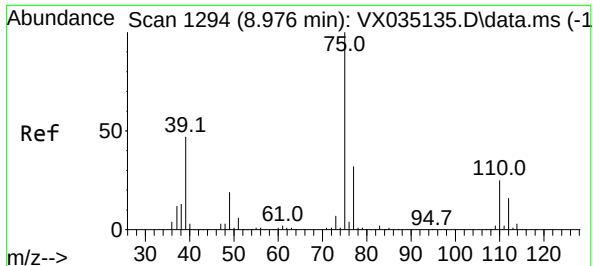
Tgt Ion:117 Resp: 30195
Ion Ratio Lower Upper
117 100
119 101.2 77.1 115.7



#33
Benzene
Concen: 1075.178 ug/L
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX035150.D
Acq: 19 Apr 2023 02:06

Tgt Ion: 78 Resp:14690037

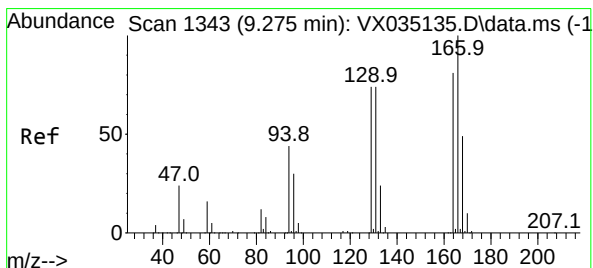
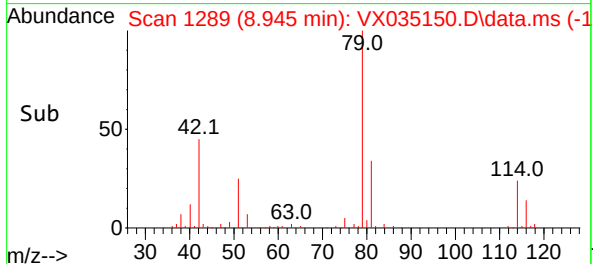
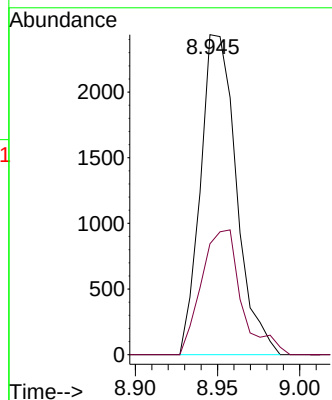
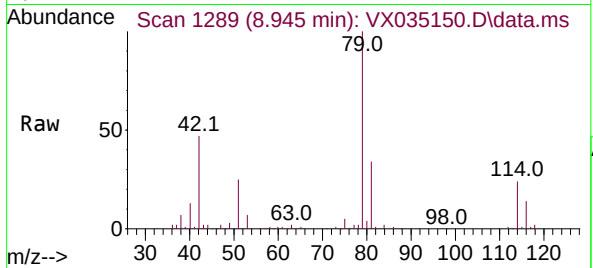




#44
trans-1,3-Dichloropropene
Concen: 0.764 ug/L
RT: 8.945 min Scan# 1289
Delta R.T. -0.031 min
Lab File: VX035150.D
Acq: 19 Apr 2023 02:06

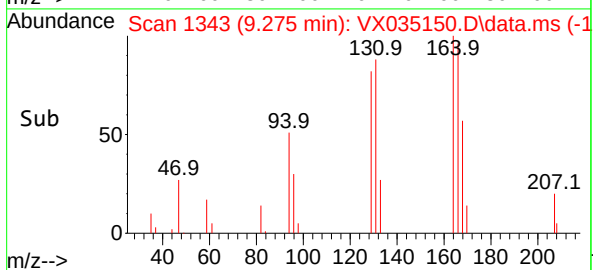
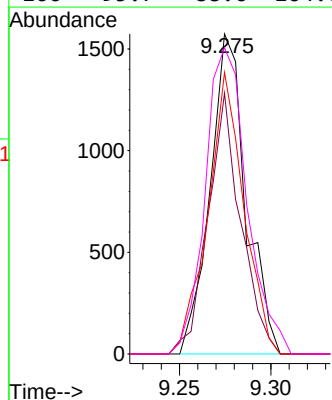
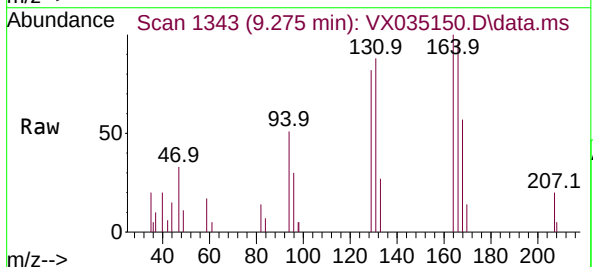
Instrument :
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ClientSampleId :
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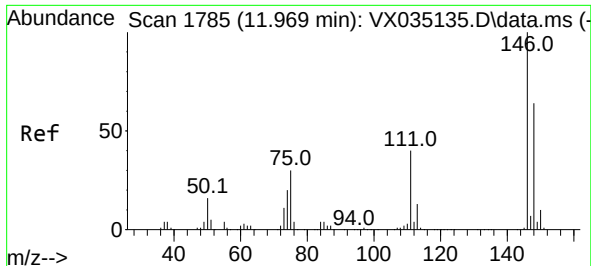
Tgt Ion: 75 Resp: 3703
Ion Ratio Lower Upper
75 100
77 34.6 22.0 40.8



#46
Tetrachloroethene
Concen: 0.791 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035150.D
Acq: 19 Apr 2023 02:06

Tgt Ion: 164 Resp: 2142
Ion Ratio Lower Upper
164 100
129 81.5 66.1 122.8
131 88.0 65.0 120.8
166 95.7 88.6 164.6

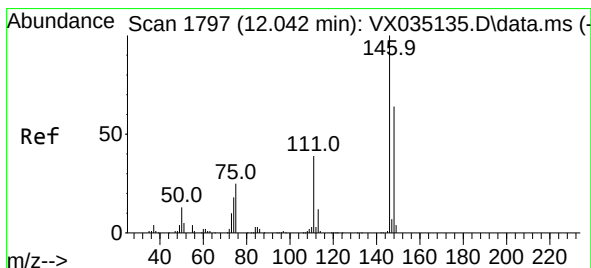
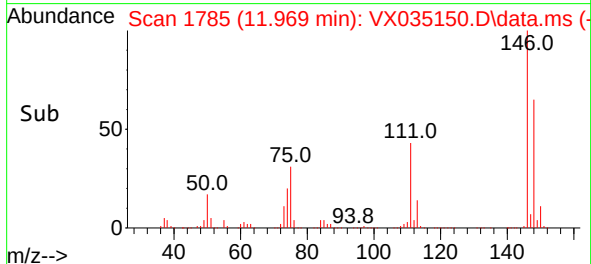
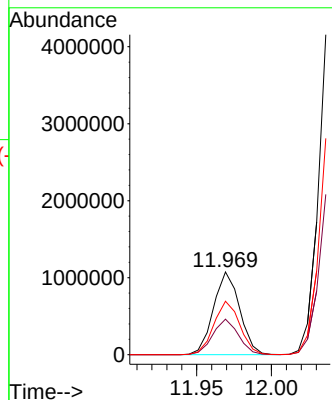
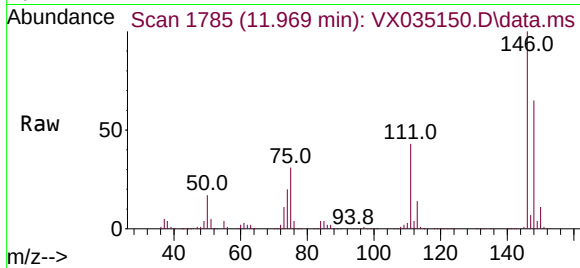




#64
1,3-Dichlorobenzene
Concen: 186.079 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035150.D
Acq: 19 Apr 2023 02:06

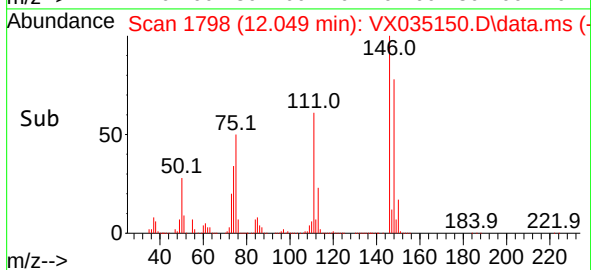
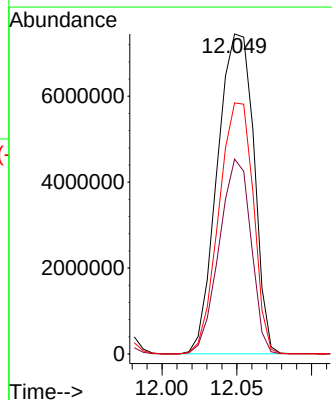
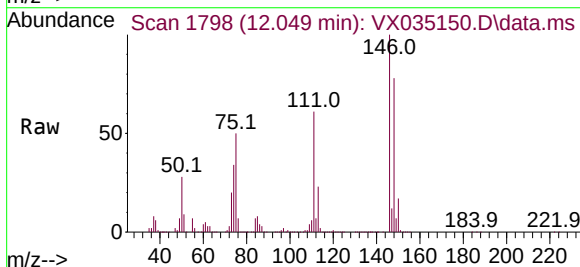
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ClientSampleId :
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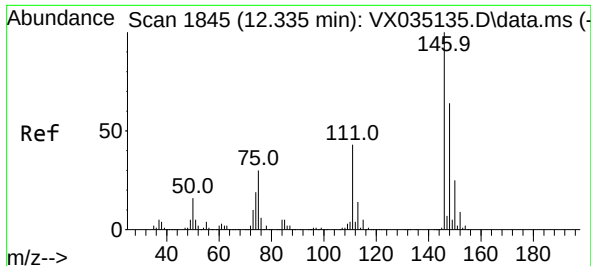
Tgt Ion:146 Resp: 1307906
Ion Ratio Lower Upper
146 100
111 42.9 28.9 53.7
148 64.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 1757.152 ug/L
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX035150.D
Acq: 19 Apr 2023 02:06

Tgt Ion:146 Resp:12637990
Ion Ratio Lower Upper
146 100
111 60.9 27.9 51.7#
148 78.5 45.9 85.3

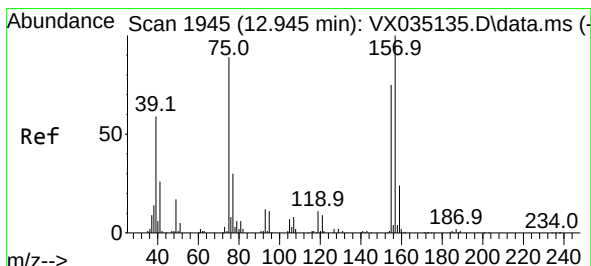
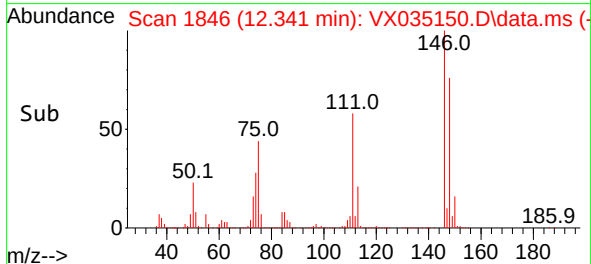
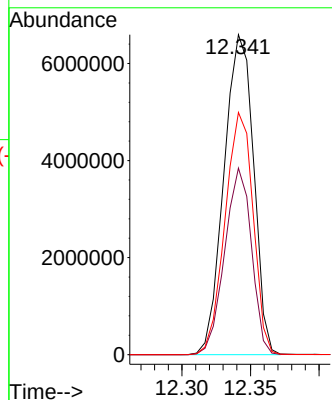
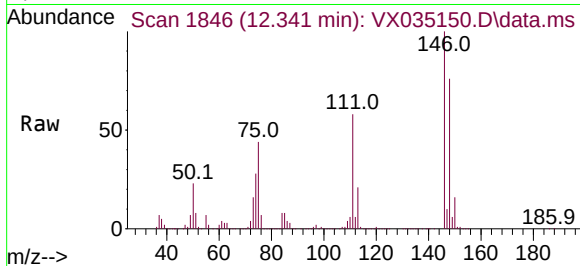




#67
 1,2-Dichlorobenzene
 Concen: 1390.574 ug/L
 RT: 12.341 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX035150.D
 Acq: 19 Apr 2023 02:06

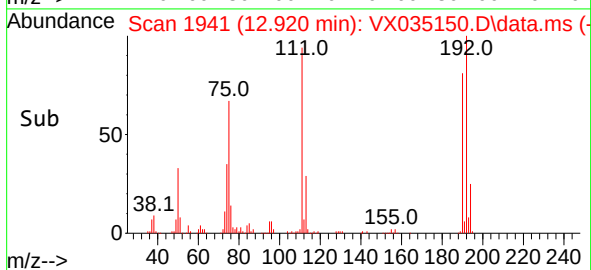
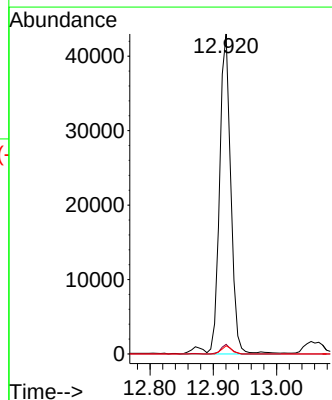
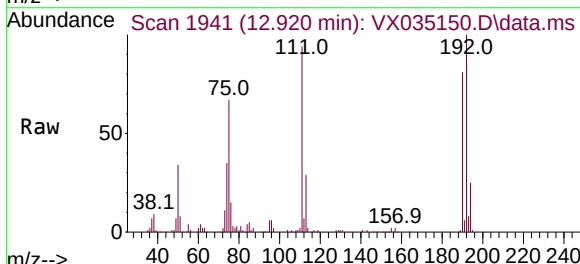
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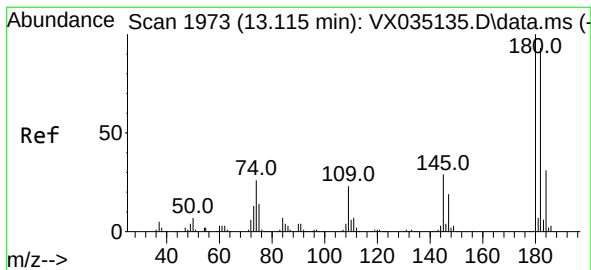
Tgt Ion:146 Resp: 9910427
 Ion Ratio Lower Upper
 146 100
 111 58.3 34.7 52.1#
 148 75.7 52.1 78.1



#68
 1,2-Dibromo-3-chloropropane
 Concen: 51.931 ug/L
 RT: 12.920 min Scan# 1941
 Delta R.T. -0.024 min
 Lab File: VX035150.D
 Acq: 19 Apr 2023 02:06

Tgt Ion: 75 Resp: 53621
 Ion Ratio Lower Upper
 75 100
 155 3.0 69.9 104.9#
 157 2.5 90.4 135.6#

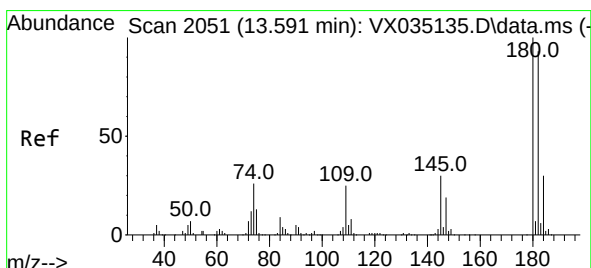
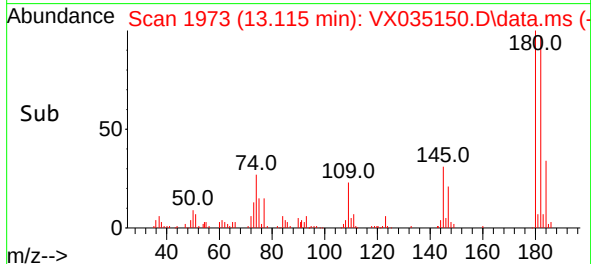
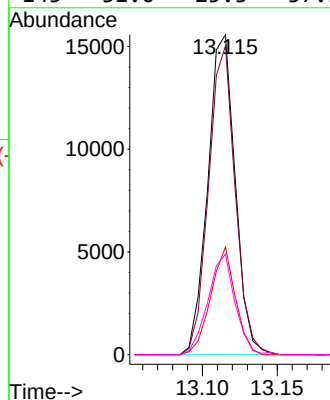
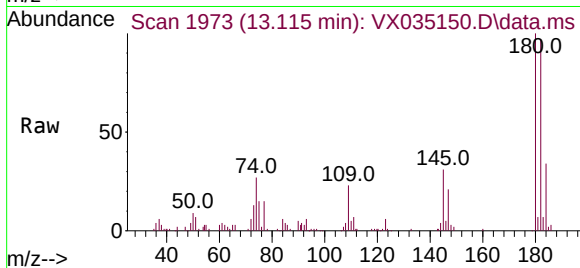




#69
 1,3,5-Trichlorobenzene
 Concen: 4.564 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX035150.D
 Acq: 19 Apr 2023 02:06

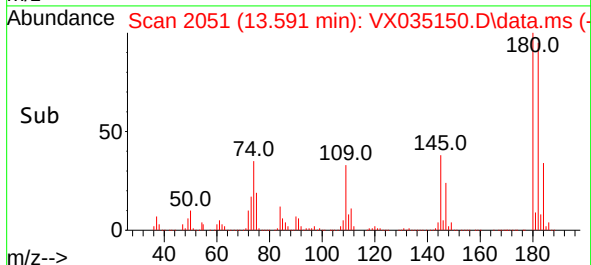
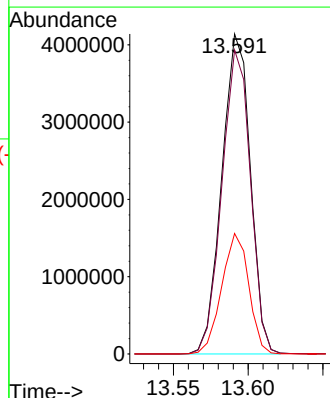
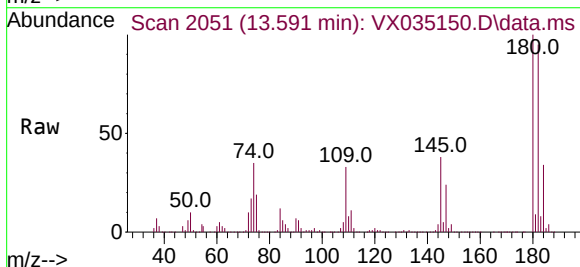
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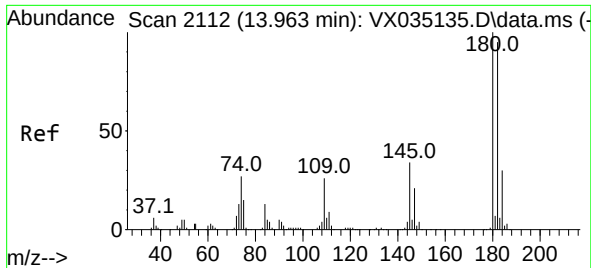
Tgt Ion:180 Resp: 19830
 Ion Ratio Lower Upper
 180 100
 182 93.5 75.4 113.0
 184 30.5 23.8 35.8
 145 31.0 25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 1351.887 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX035150.D
 Acq: 19 Apr 2023 02:06

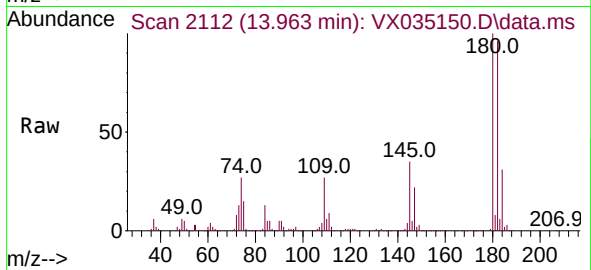
Tgt Ion:180 Resp: 5500515
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.6 114.8
 145 35.7 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 391.466 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035150.D
 Acq: 19 Apr 2023 02:06

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM6



Tgt Ion:180 Resp: 1572412

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.6
145	34.6	27.1	40.7

