

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035216.D
 Acq On : 20 Apr 2023 15:26
 Operator : JC/MD
 Sample : 02378-10 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:30:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 23:27:37 2023
 Response via : Initial Calibration

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

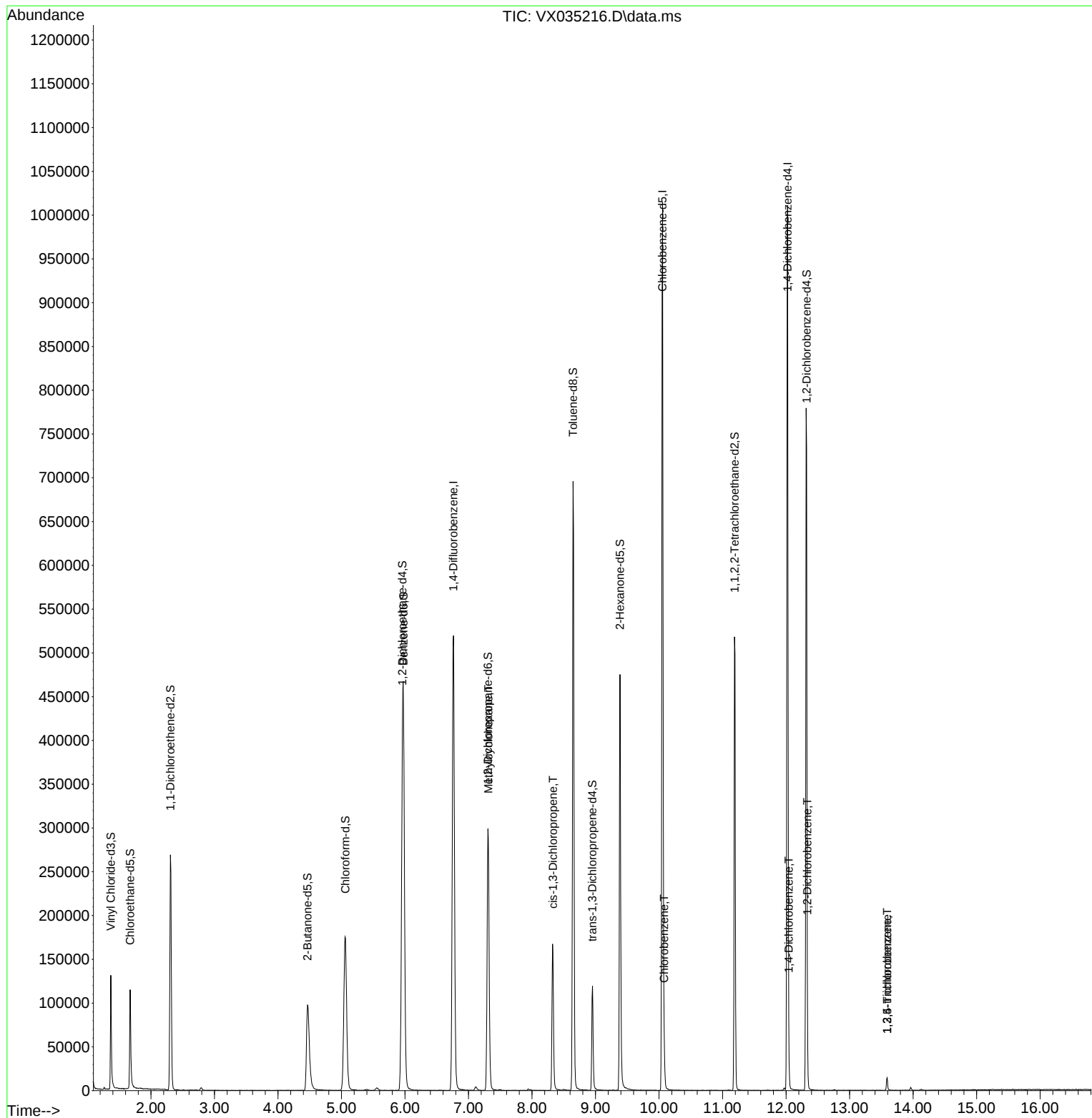
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	542833	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	465025	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	220912	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	89107	25.458	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.920%#
7) Chloroethane-d5	1.672	69	77981	30.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.660%#
11) 1,1-Dichloroethene-d2	2.307	65	49412	29.504	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.000%#
21) 2-Butanone-d5	4.465	46	198563	85.128	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.130%
24) Chloroform-d	5.062	84	229759	34.857	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.720%#
26) 1,2-Dichloroethane-d4	5.958	65	158269	37.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.780%
32) Benzene-d6	5.977	84	472949	35.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.800%
36) 1,2-Dichloropropane-d6	7.306	67	154386	37.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.660%
41) Toluene-d8	8.647	98	411314	33.691	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.380%#
43) trans-1,3-Dichloroprop...	8.952	79	56576	31.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.460%
47) 2-Hexanone-d5	9.384	63	138275	84.385	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.380%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	203311	40.684	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.360%
66) 1,2-Dichlorobenzene-d4	12.323	152	161566	37.740	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.480%#
Target Compounds						
					Qvalue	
35) Methylcyclohexane	7.312	83	37800	7.493	ug/L #	19
39) cis-1,3-Dichloropropene	8.330	75	3639	0.656	ug/L #	79
51) Chlorobenzene	10.079	112	19710	2.048	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	10252	1.462	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	7903	1.138	ug/L	90
69) 1,3,5-Trichlorobenzene	13.591	180	4013	0.948	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	4013	1.012	ug/L	94

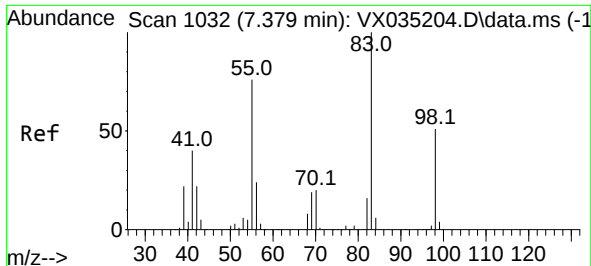
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 20 23:30:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
Response via : Initial Calibration

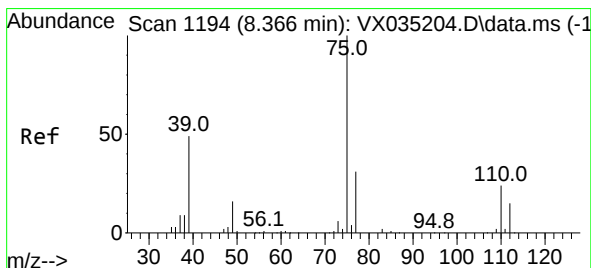
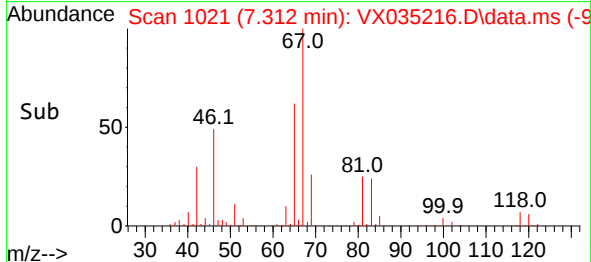
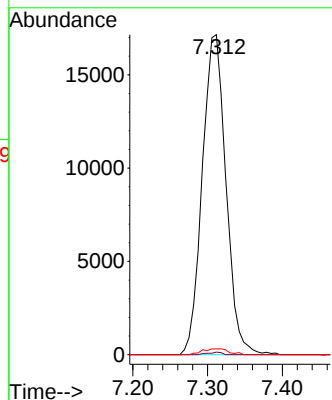
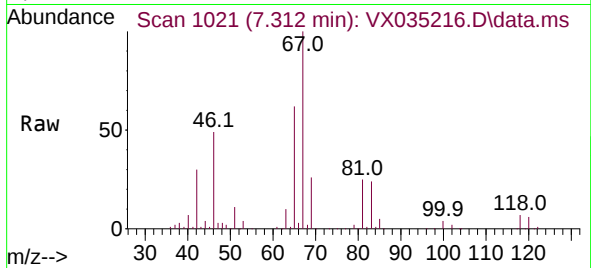




#35
Methylcyclohexane
Concen: 7.493 ug/L
RT: 7.312 min Scan# 1188
Delta R.T. -0.067 min
Lab File: VX035216.D
Acq: 20 Apr 2023 15:26

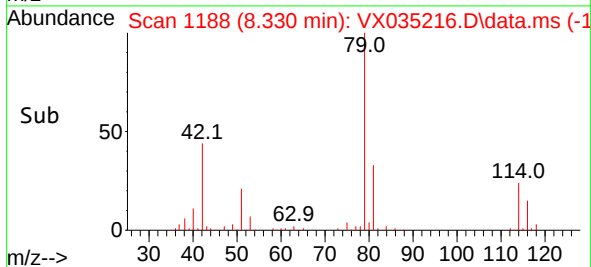
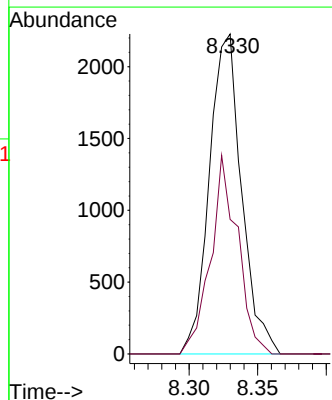
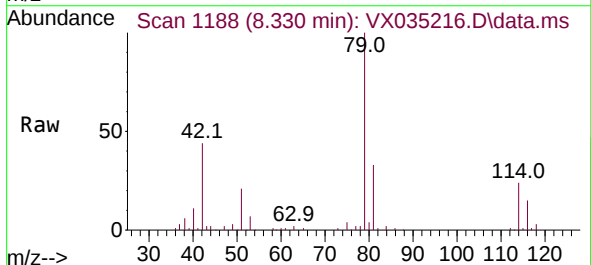
Instrument :
MSVOA_X
ClientSampleId :

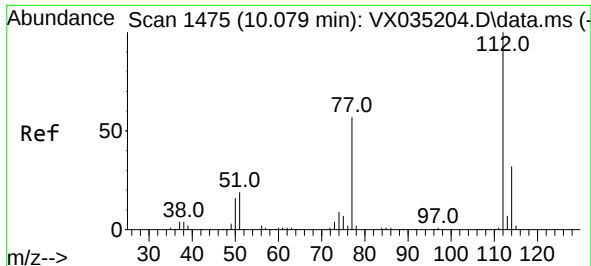
Tgt Ion: 83 Resp: 37800
Ion Ratio Lower Upper
83 100
55 0.4 62.2 93.2#
98 1.9 39.3 58.9#



#39
cis-1,3-Dichloropropene
Concen: 0.656 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.036 min
Lab File: VX035216.D
Acq: 20 Apr 2023 15:26

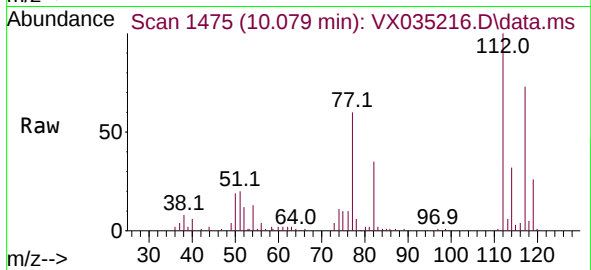
Tgt Ion: 75 Resp: 3639
Ion Ratio Lower Upper
75 100
77 42.1 21.4 39.8#



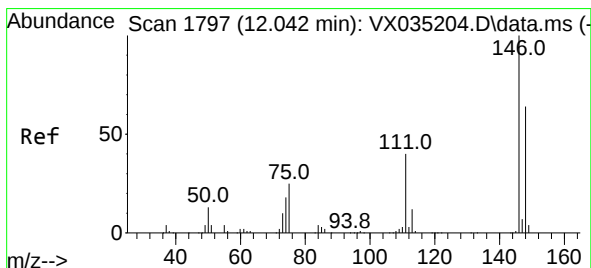
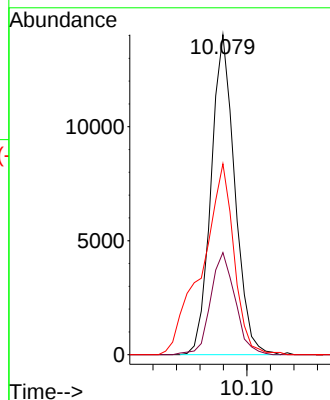
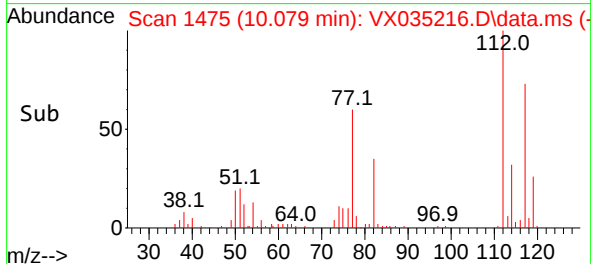


#51
Chlorobenzene
Concen: 2.048 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035216.D
Acq: 20 Apr 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :

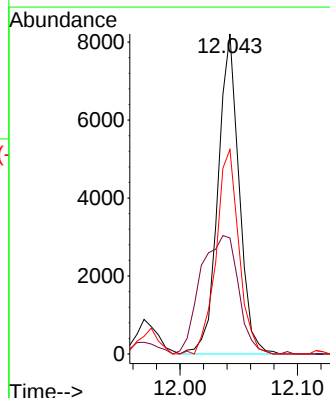
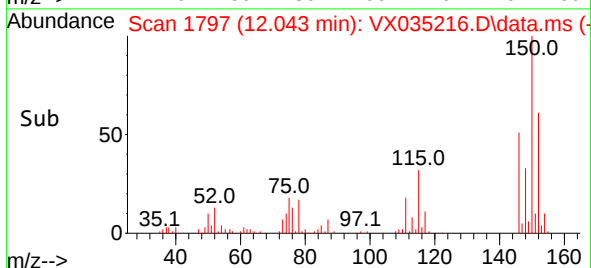
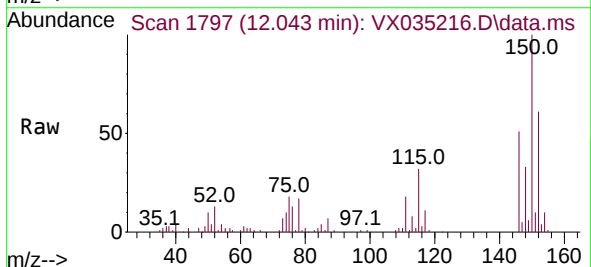


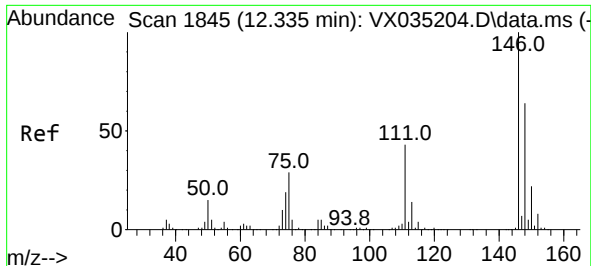
Tgt Ion:112 Resp: 19710
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 59.6 47.0 70.6



#65
1,4-Dichlorobenzene
Concen: 1.462 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035216.D
Acq: 20 Apr 2023 15:26

Tgt Ion:146 Resp: 10252
Ion Ratio Lower Upper
146 100
111 36.2 27.9 51.7
148 63.9 45.9 85.3

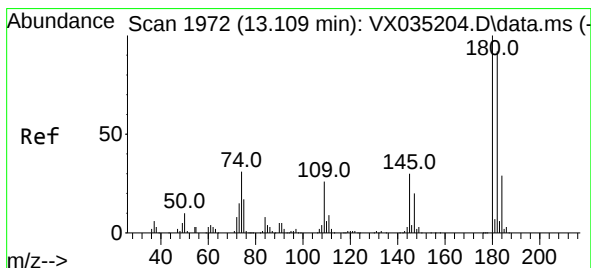
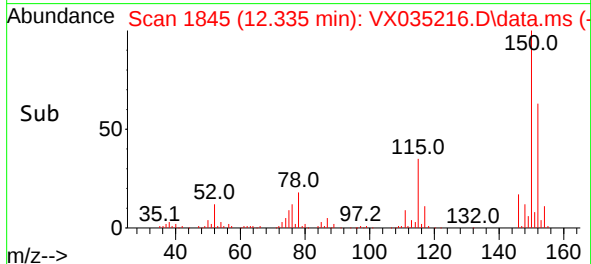
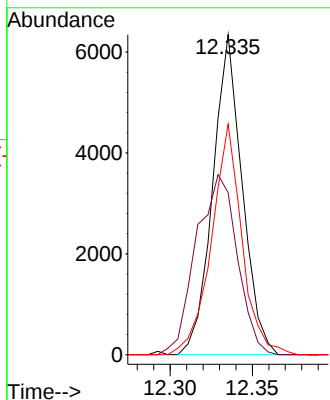
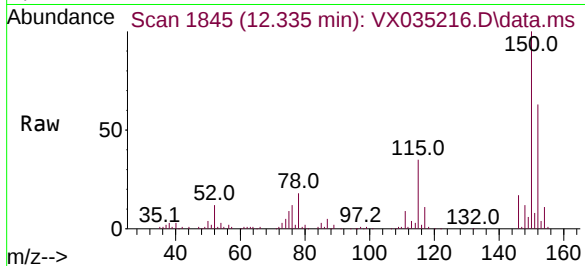




#67
1,2-Dichlorobenzene
Concen: 1.138 ug/L
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035216.D
Acq: 20 Apr 2023 15:26

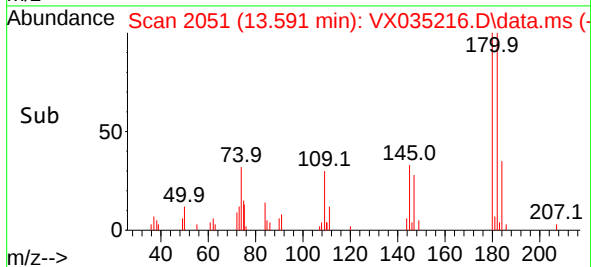
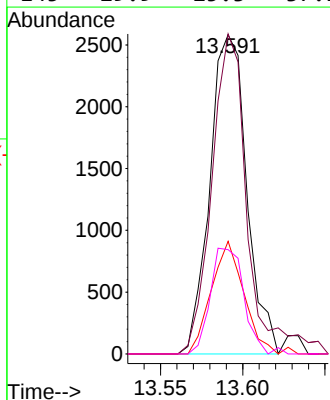
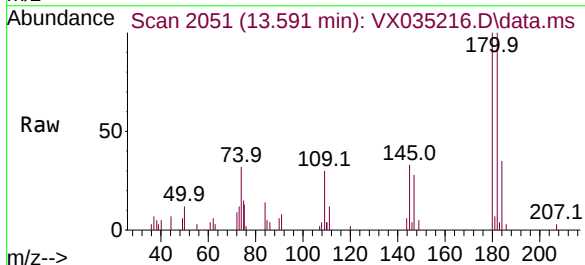
Instrument :
MSVOA_X
ClientSampleId :

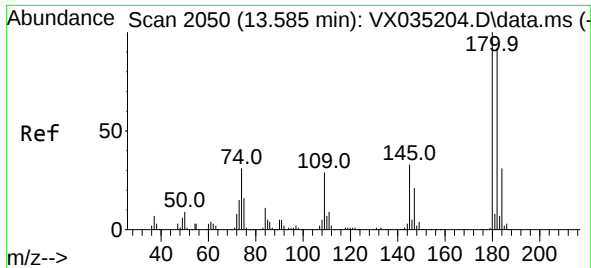
Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.7	34.7	52.1
148	72.1	52.1	78.1



#69
1,3,5-Trichlorobenzene
Concen: 0.948 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.482 min
Lab File: VX035216.D
Acq: 20 Apr 2023 15:26

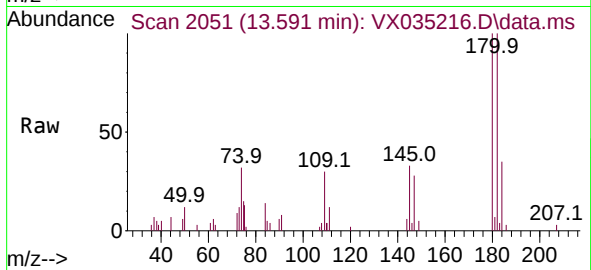
Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.1	75.4	113.0
184	31.1	23.8	35.8
145	29.9	25.3	37.9





#70
 1,2,4-trichlorobenzene
 Concen: 1.012 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX035216.D
 Acq: 20 Apr 2023 15:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	4013
Ion	Ratio	Lower	Upper
180	100		
182	90.1	76.6	114.8
145	29.9	26.2	39.4

