

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
 Data File : VX039424.D
 Acq On : 21 Dec 2023 13:10
 Operator : JC/MD
 Sample : 05808-02
 Misc : 1.92g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 00:44:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 00:41:09 2023
 Response via : Initial Calibration

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

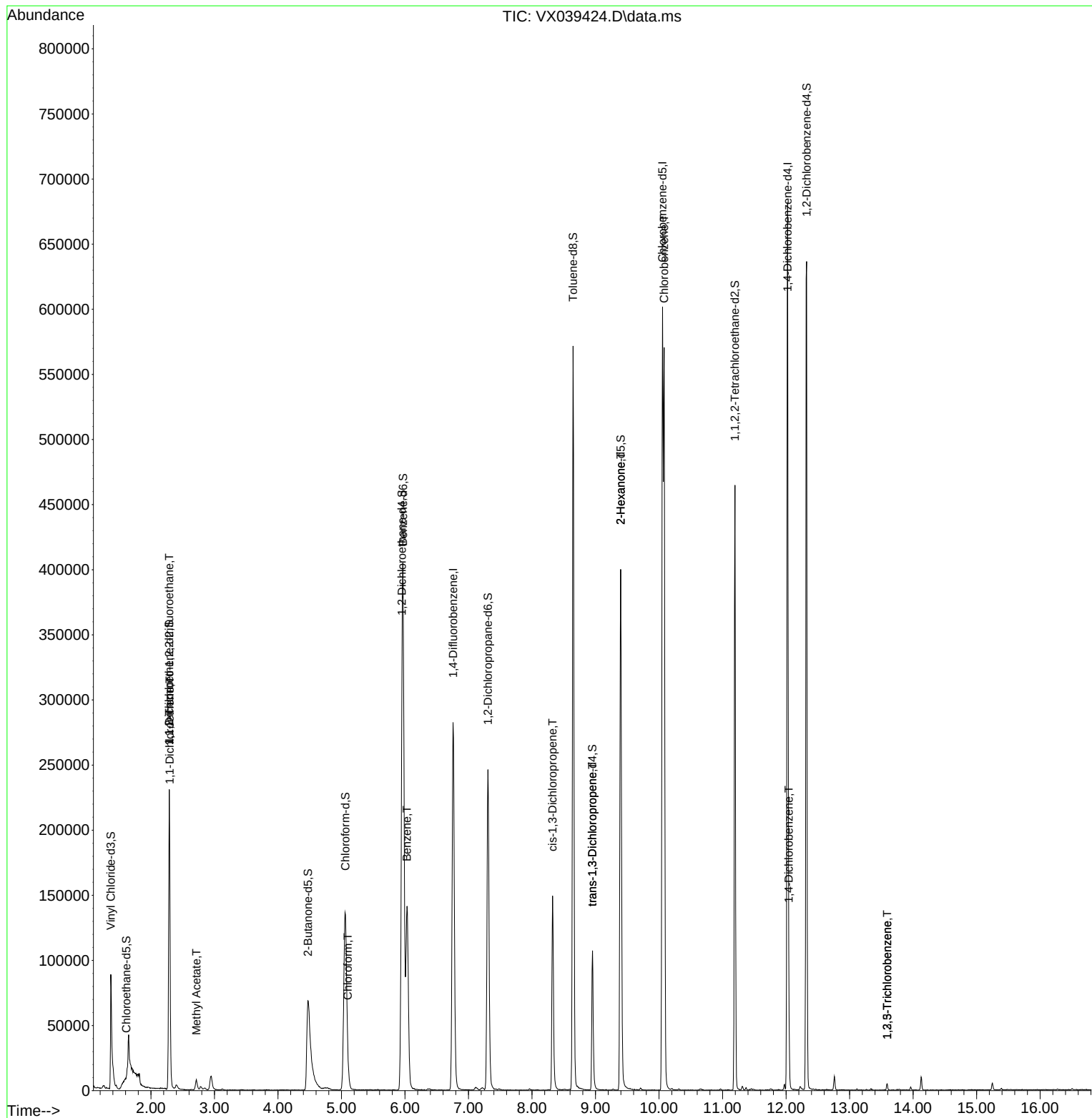
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	280376	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	253844	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	127429	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	85094	38.695	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.380%
7) Chloroethane-d5	1.611	69	136	0.084	ug/L	-0.05
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.160%#
11) 1,1-Dichloroethene-d2	2.288	65	42379	43.901	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.800%
21) 2-Butanone-d5	4.471	46	185129	93.000	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.000%
24) Chloroform-d	5.062	84	175410	45.058	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
26) 1,2-Dichloroethane-d4	5.952	65	134777	53.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.920%
32) Benzene-d6	5.970	84	375516	47.933	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
36) 1,2-Dichloropropane-d6	7.306	67	125504	49.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.560%
41) Toluene-d8	8.647	98	330947	46.615	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.240%
43) trans-1,3-Dichloroprop...	8.952	79	52408	40.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.700%
47) 2-Hexanone-d5	9.397	63	139416	92.585	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.580%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	172267	48.166	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.340%
66) 1,2-Dichlorobenzene-d4	12.323	152	117867	48.935	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.880%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	1386	0.722	ug/L #	27
12) 1,1-Dichloroethene	2.294	96	1094	0.606	ug/L #	1
15) Methyl Acetate	2.715	43	10182	3.725	ug/L	99
25) Chloroform	5.099	83	14858	3.959	ug/L	89
33) Benzene	6.031	78	167359	20.746	ug/L	100
39) cis-1,3-Dichloropropene	8.324	75	4466	1.252	ug/L #	75
44) trans-1,3-Dichloropropene	8.952	75	3052	0.922	ug/L	84
48) 2-Hexanone	9.397	43	17958	5.722	ug/L #	68
51) Chlorobenzene	10.079	112	233171	44.128	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	18073	4.475	ug/L	97
69) 1,3,5-Trichlorobenzene	13.591	180	1465	0.556	ug/L	91
72) 1,2,3-Trichlorobenzene	13.591	180	1465	0.609	ug/L	89

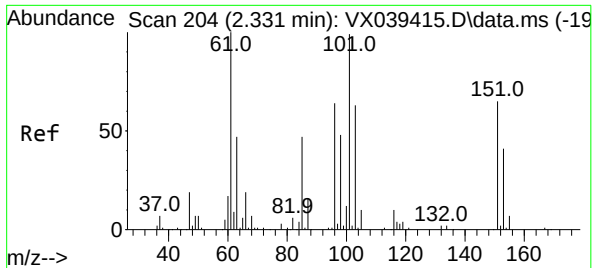
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 22 00:41:09 2023
Response via : Initial Calibration

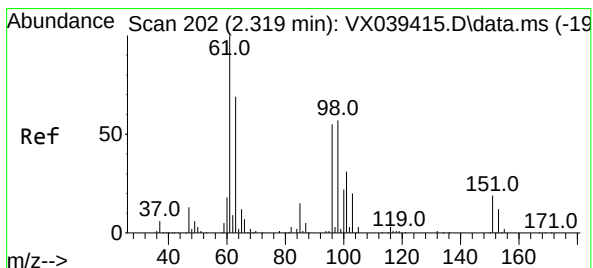
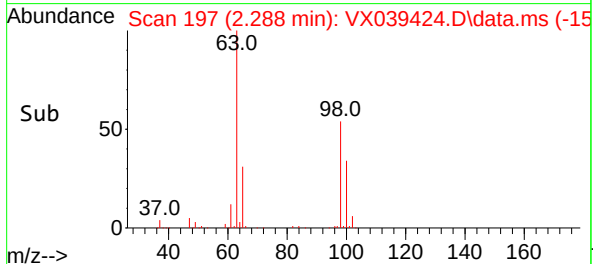
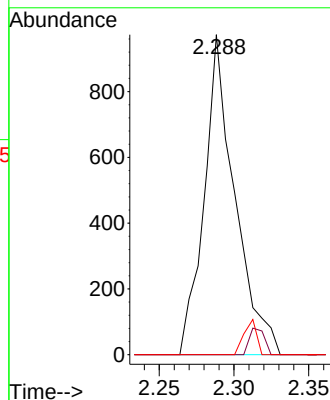
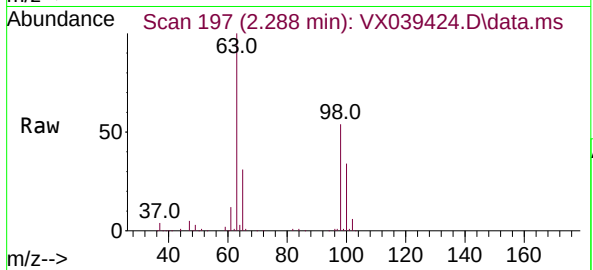




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.722 ug/L
 RT: 2.288 min Scan# 197
 Delta R.T. -0.043 min
 Lab File: VX039424.D
 Acq: 21 Dec 2023 13:10

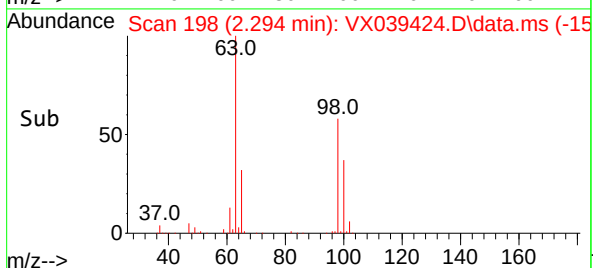
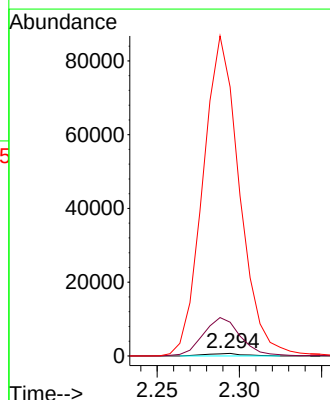
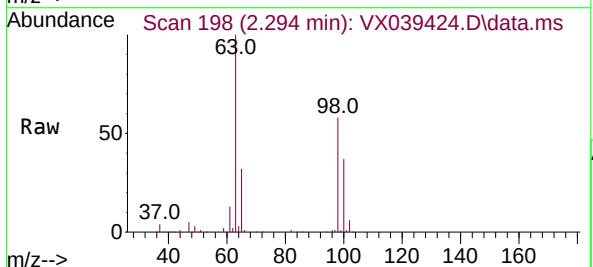
Instrument :
 MSVOA_X
 ClientSampleId :

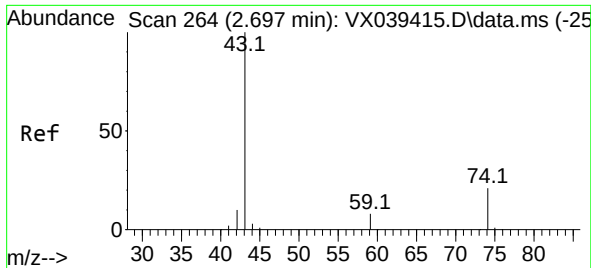
Tgt Ion:101 Resp: 1386
 Ion Ratio Lower Upper
 101 100
 85 4.0 35.8 53.6#
 151 4.5 55.4 83.2#



#12
 1,1-Dichloroethene
 Concen: 0.606 ug/L
 RT: 2.294 min Scan# 198
 Delta R.T. -0.024 min
 Lab File: VX039424.D
 Acq: 21 Dec 2023 13:10

Tgt Ion: 96 Resp: 1094
 Ion Ratio Lower Upper
 96 100
 61 1288.0 128.0 237.6#
 63 10271.5 101.5 188.5#

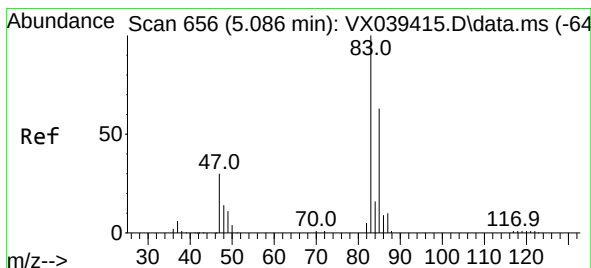
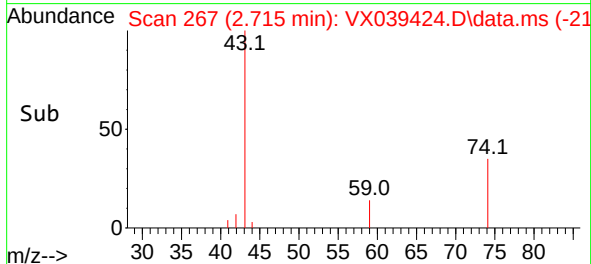
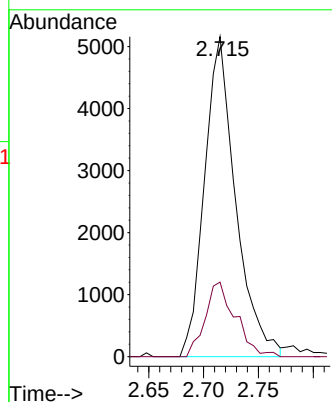
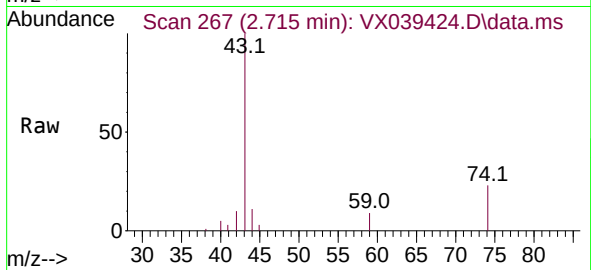




#15
Methyl Acetate
Concen: 3.725 ug/L
RT: 2.715 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX039424.D
Acq: 21 Dec 2023 13:10

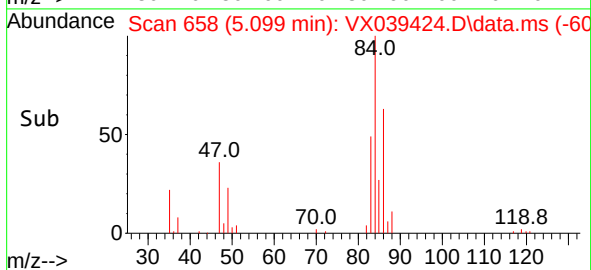
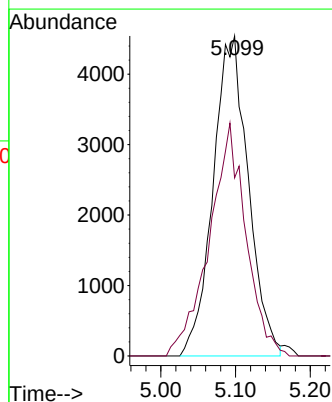
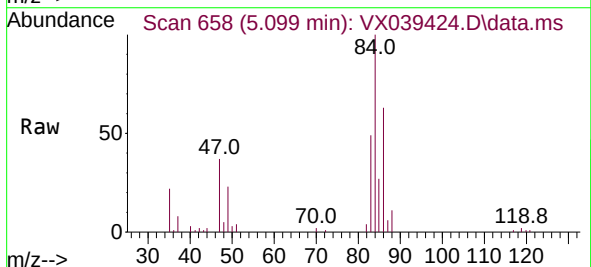
Instrument :
MSVOA_X
ClientSampleId :

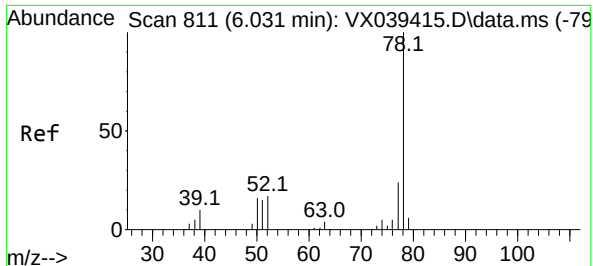
Tgt Ion: 43 Resp: 10182
Ion Ratio Lower Upper
43 100
74 22.2 18.2 27.4



#25
Chloroform
Concen: 3.959 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX039424.D
Acq: 21 Dec 2023 13:10

Tgt Ion: 83 Resp: 14858
Ion Ratio Lower Upper
83 100
85 55.7 45.1 83.7

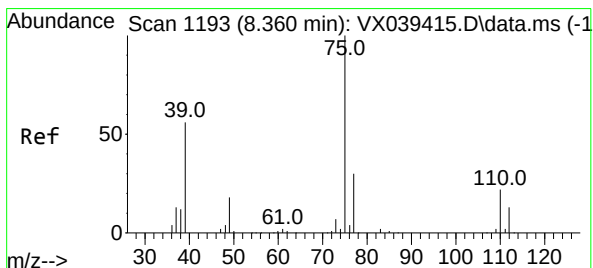
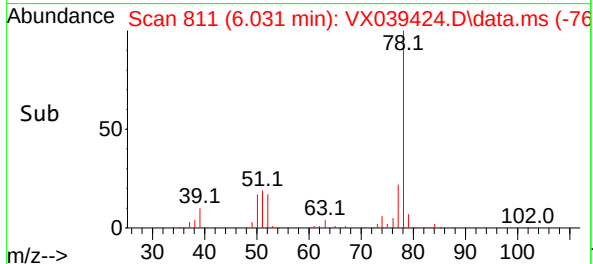
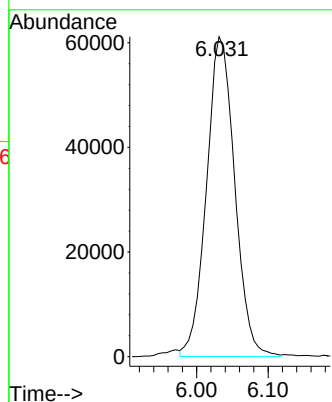
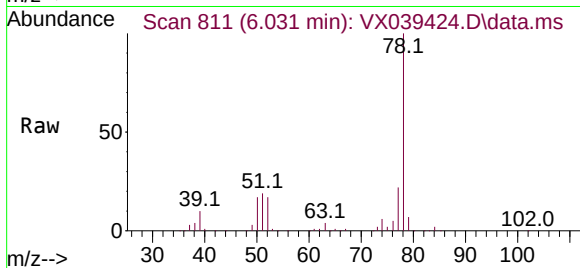




#33
Benzene
Concen: 20.746 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX039424.D
Acq: 21 Dec 2023 13:10

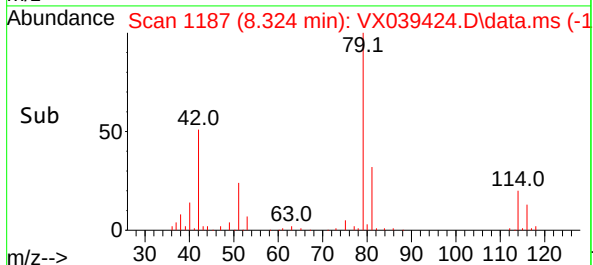
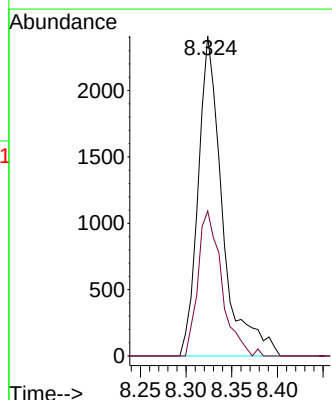
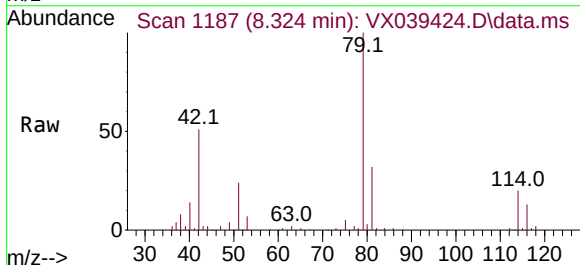
Instrument :
MSVOA_X
ClientSampleId :

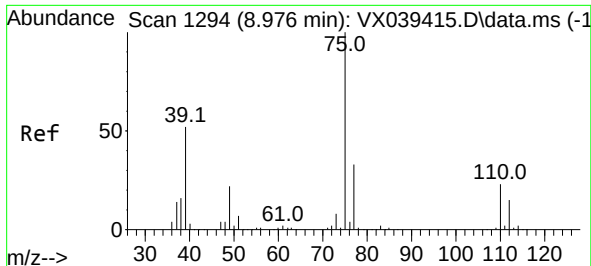
Tgt Ion: 78 Resp: 167359



#39
cis-1,3-Dichloropropene
Concen: 1.252 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.036 min
Lab File: VX039424.D
Acq: 21 Dec 2023 13:10

Tgt Ion: 75 Resp: 4466
Ion Ratio Lower Upper
75 100
77 45.3 22.0 40.8#

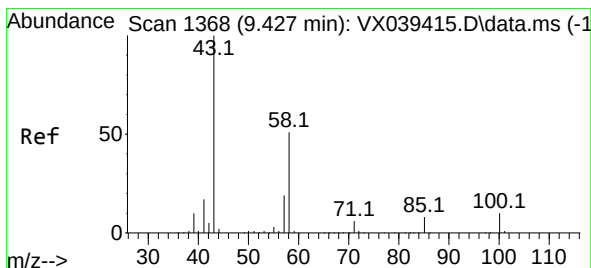
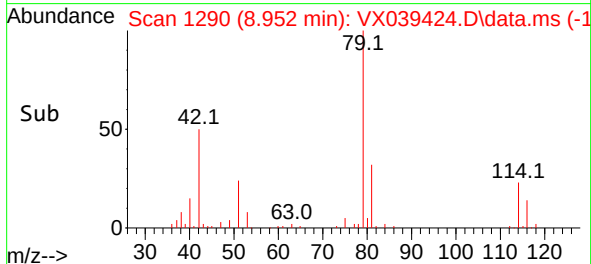
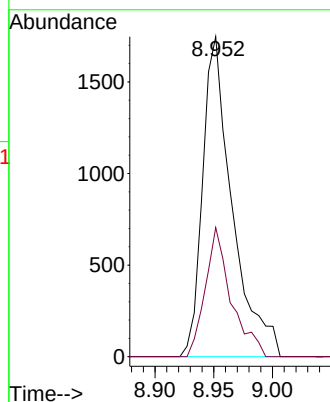
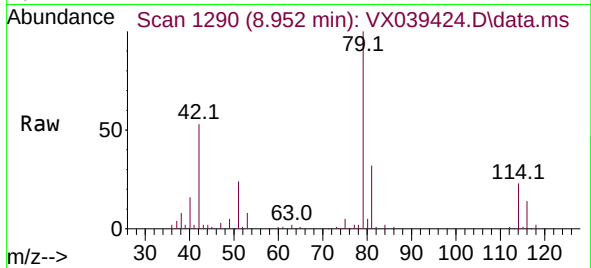




#44
trans-1,3-Dichloropropene
Concen: 0.922 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX039424.D
Acq: 21 Dec 2023 13:10

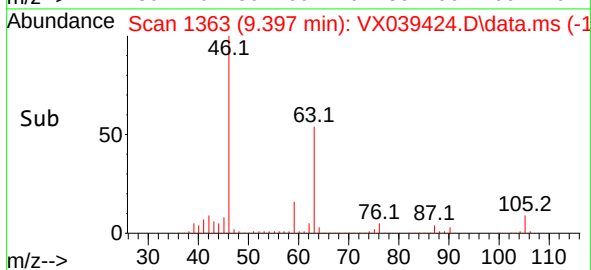
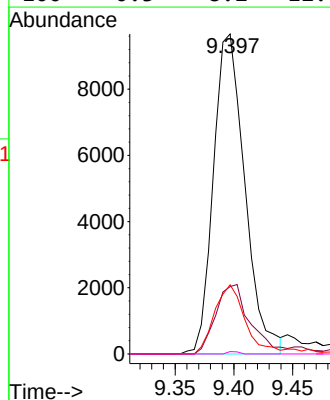
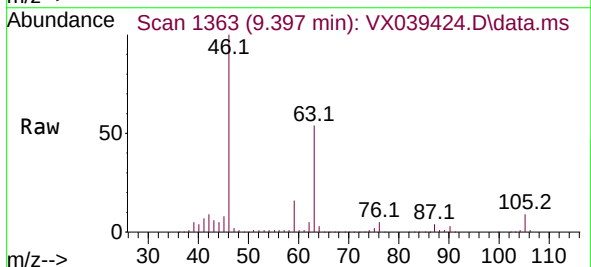
Instrument :
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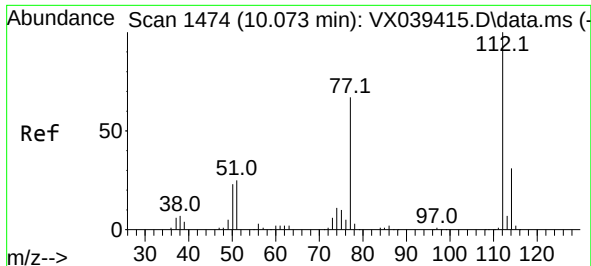
Tgt Ion: 75 Resp: 3052
Ion Ratio Lower Upper
75 100
77 40.4 22.0 40.8



#48
2-Hexanone
Concen: 5.722 ug/L
RT: 9.397 min Scan# 1363
Delta R.T. -0.030 min
Lab File: VX039424.D
Acq: 21 Dec 2023 13:10

Tgt Ion: 43 Resp: 17958
Ion Ratio Lower Upper
43 100
58 23.9 43.0 64.6#
57 21.1 14.6 21.8
100 0.3 8.2 12.4#

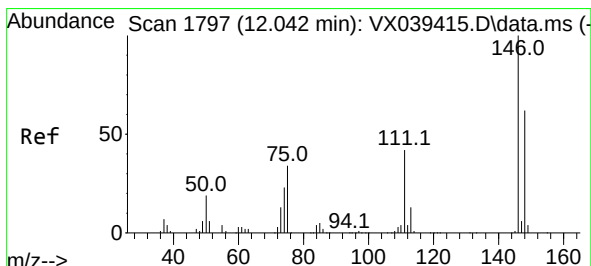
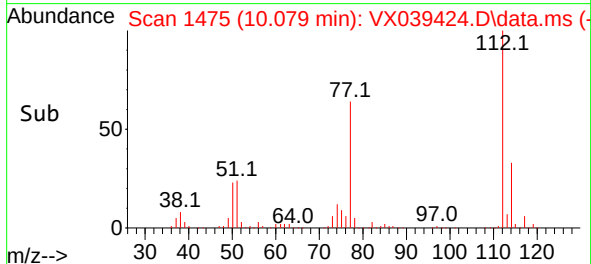
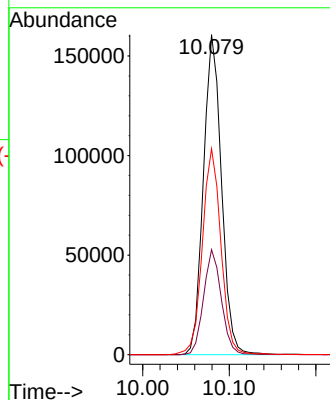
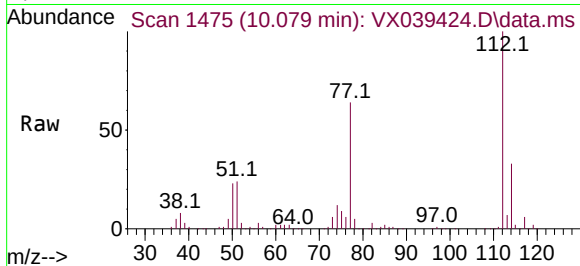




#51
Chlorobenzene
Concen: 44.128 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX039424.D
Acq: 21 Dec 2023 13:10

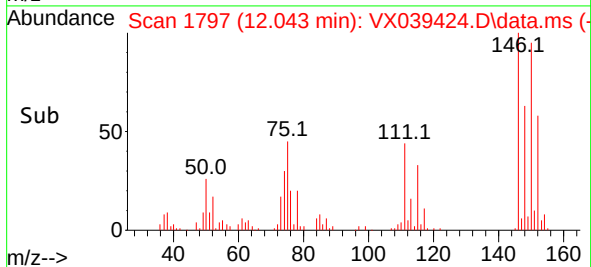
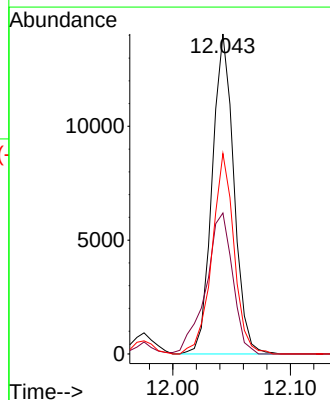
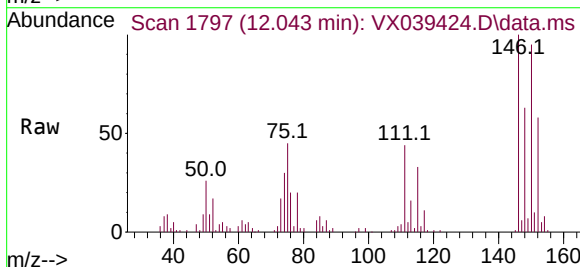
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ClientSampleId :

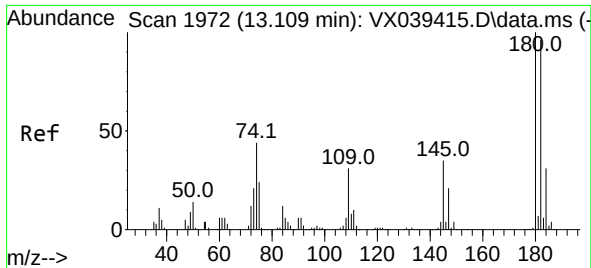
Tgt Ion:112 Resp: 233171
Ion Ratio Lower Upper
112 100
114 32.8 21.8 40.4
77 64.3 49.0 73.6



#65
1,4-Dichlorobenzene
Concen: 4.475 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039424.D
Acq: 21 Dec 2023 13:10

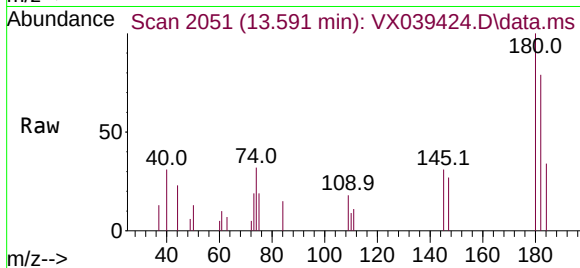
Tgt Ion:146 Resp: 18073
Ion Ratio Lower Upper
146 100
111 44.1 29.7 55.1
148 62.7 45.8 85.2



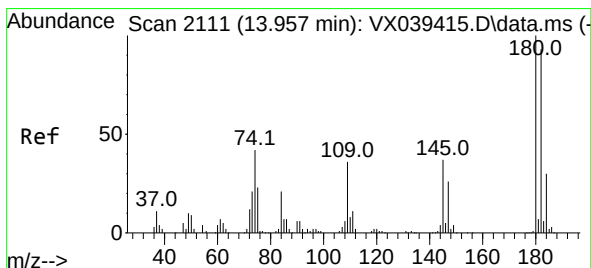
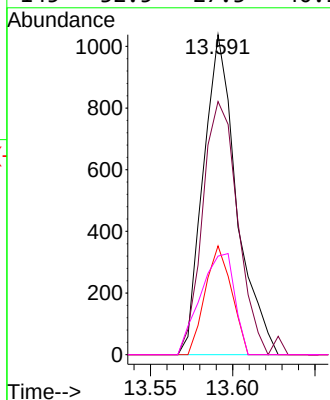


#69
 1,3,5-Trichlorobenzene
 Concen: 0.556 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.482 min
 Lab File: VX039424.D
 Acq: 21 Dec 2023 13:10

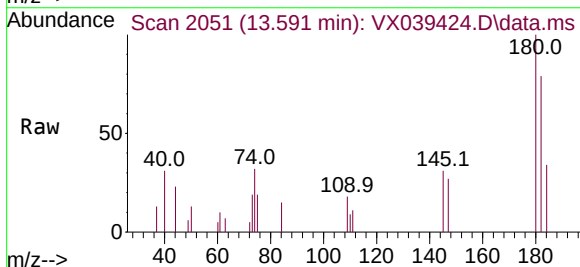
Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180	Resp:	1465
Ion	Ratio	Lower Upper
180	100	
182	82.8	76.1 114.1
184	26.8	24.1 36.1
145	32.5	27.3 40.9



#72
 1,2,3-Trichlorobenzene
 Concen: 0.609 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.366 min
 Lab File: VX039424.D
 Acq: 21 Dec 2023 13:10



Tgt Ion:180	Resp:	1465
Ion	Ratio	Lower Upper
180	100	
182	82.8	75.9 113.9
145	32.5	28.6 42.8

