

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039274.D
 Acq On : 16 Dec 2023 08:51
 Operator : JC/MD
 Sample : 05845-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 20:16:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

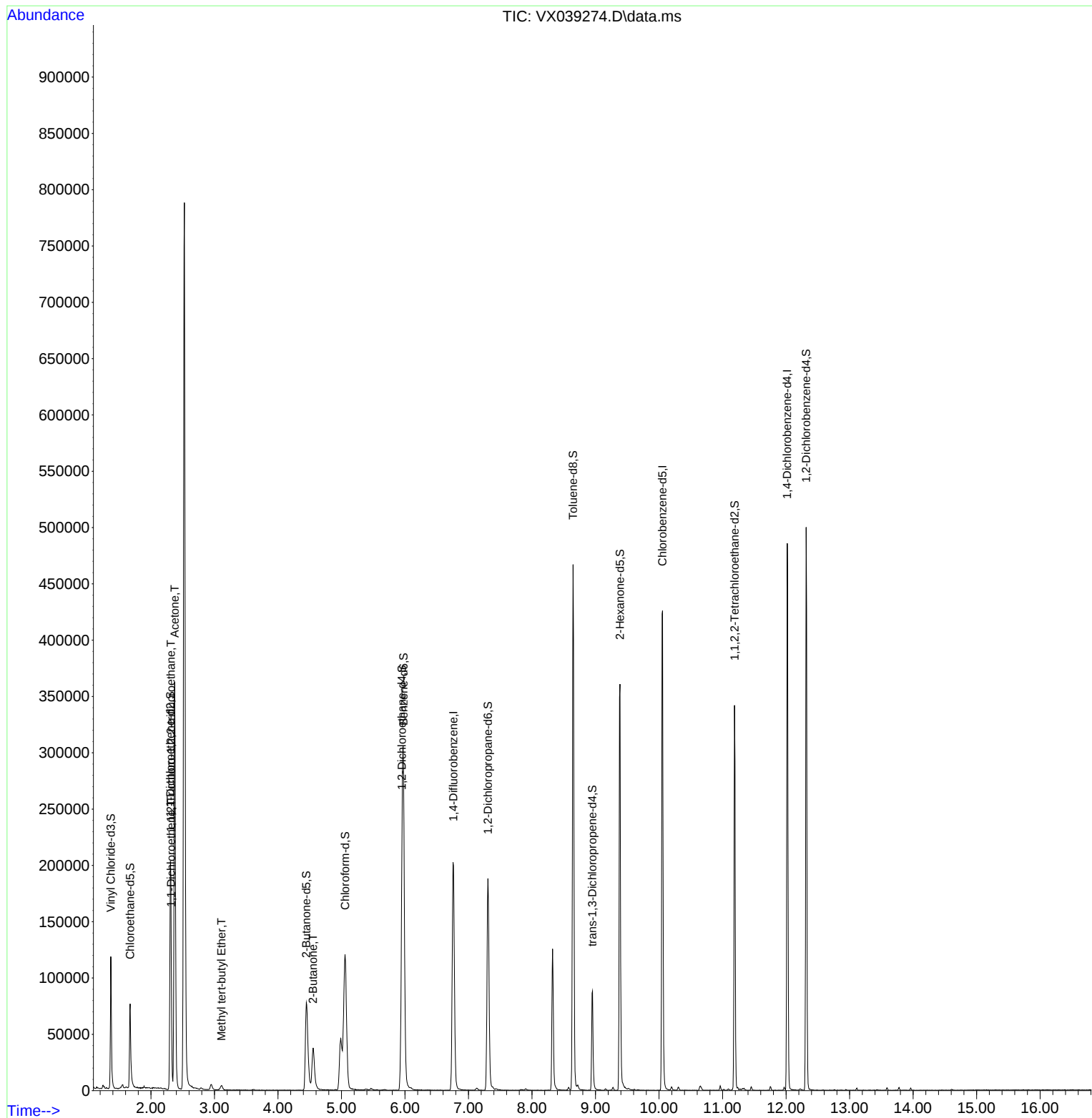
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	199383	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	185085	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	89028	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	75997	48.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.200%
7) Chloroethane-d5	1.673	69	56011	48.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.920%
11) 1,1-Dichloroethene-d2	2.307	65	37761	55.007	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.020%
21) 2-Butanone-d5	4.446	46	139016	98.203	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.200%
24) Chloroform-d	5.056	84	147518	53.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.580%
26) 1,2-Dichloroethane-d4	5.952	65	101612	56.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.360%
32) Benzene-d6	5.977	84	299638	52.457	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.920%
36) 1,2-Dichloropropane-d6	7.306	67	95652	52.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.060%
41) Toluene-d8	8.647	98	265748	51.338	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.680%
43) trans-1,3-Dichloroprop...	8.952	79	42094	44.998	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.000%
47) 2-Hexanone-d5	9.385	63	101364	92.322	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.320%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131746	50.521	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.040%
66) 1,2-Dichlorobenzene-d4	12.317	152	90884	54.008	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.020%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	1289	0.944	ug/L #	54
12) 1,1-Dichloroethene	2.319	96	1751	1.363	ug/L #	1
13) Acetone	2.374	43	370311	272.303	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	3688	0.783	ug/L #	88
22) 2-Butanone	4.550	43	65905	39.488	ug/L	97

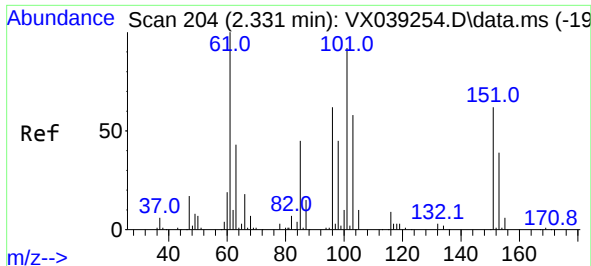
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

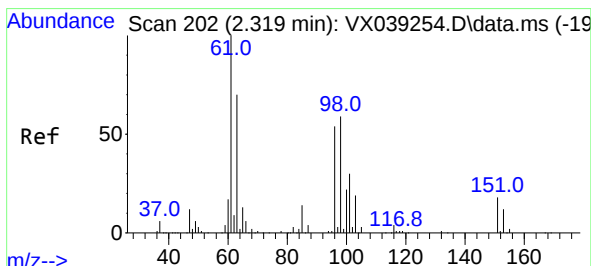
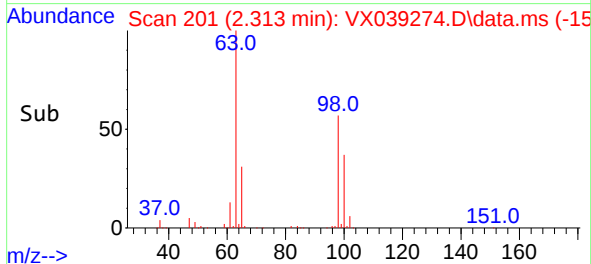
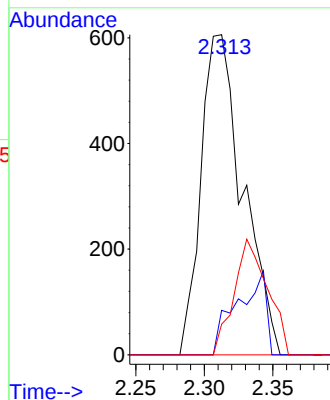
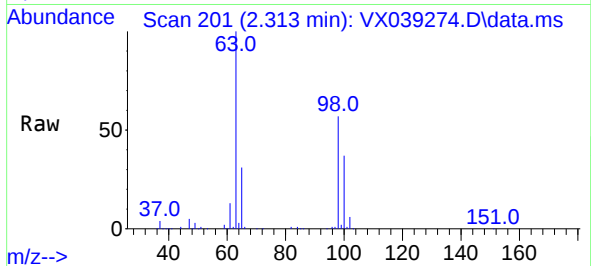




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.944 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.018 min
Lab File: VX039274.D
Acq: 16 Dec 2023 08:51

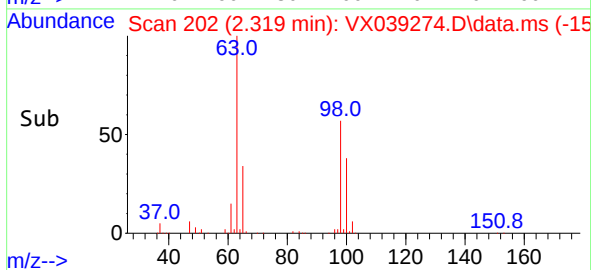
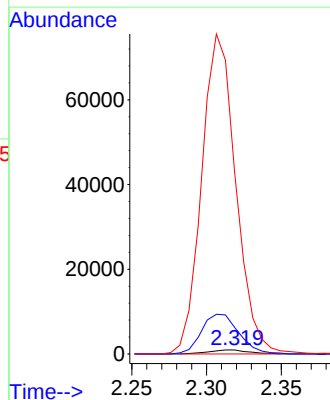
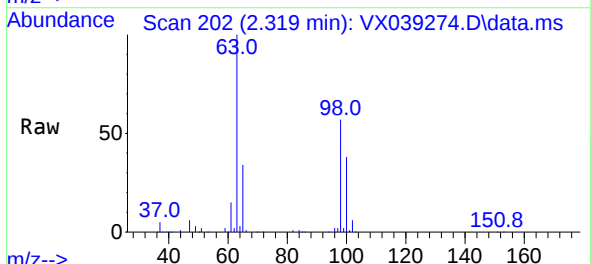
Instrument :
MSVOA_X
ClientSampleId :

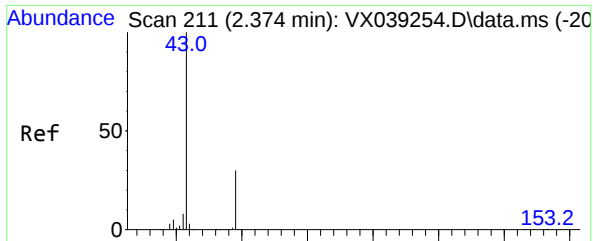
Tgt Ion:101 Resp: 1289
Ion Ratio Lower Upper
101 100
85 18.2 35.8 53.6#
151 28.9 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 1.363 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039274.D
Acq: 16 Dec 2023 08:51

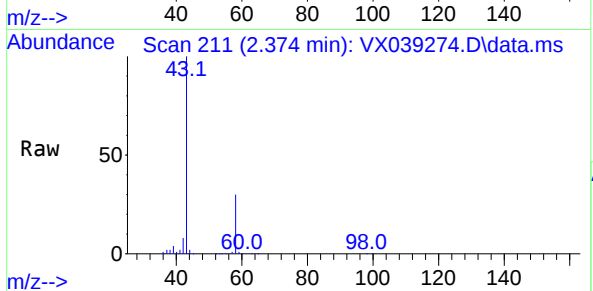
Tgt Ion: 96 Resp: 1751
Ion Ratio Lower Upper
96 100
61 651.2 128.0 237.6#
63 4460.7 101.5 188.5#



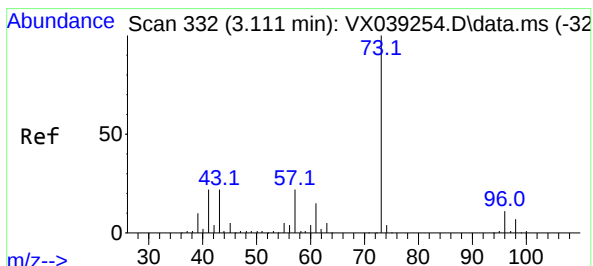
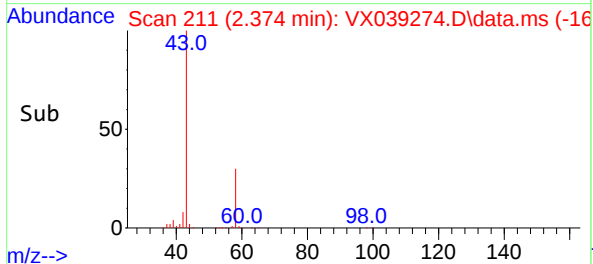
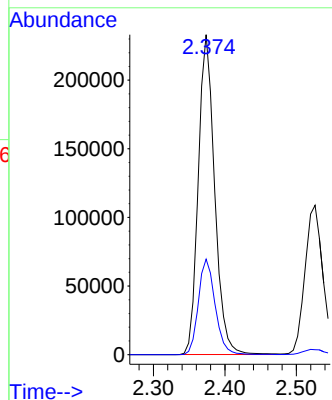


#13
Acetone
Concen: 272.303 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039274.D
Acq: 16 Dec 2023 08:51

Instrument :
MSVOA_X
ClientSampleId :

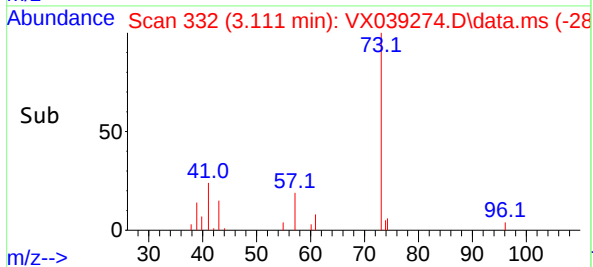
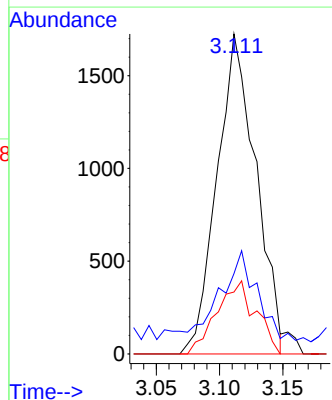
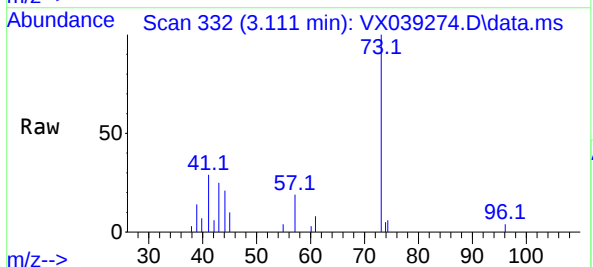


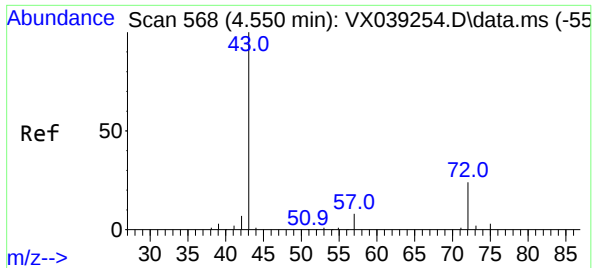
Tgt Ion: 43 Resp: 370311
Ion Ratio Lower Upper
43 100
58 30.6 0.0 65.8



#18
Methyl tert-butyl Ether
Concen: 0.783 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX039274.D
Acq: 16 Dec 2023 08:51

Tgt Ion: 73 Resp: 3688
Ion Ratio Lower Upper
73 100
43 27.9 16.9 25.3#
57 18.0 18.5 27.7#





#22
2-Butanone
Concen: 39.488 ug/L
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX039274.D
Acq: 16 Dec 2023 08:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 65905
Ion Ratio Lower Upper
43 100
72 26.6 12.6 37.6

