

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039237.D
 Acq On : 15 Dec 2023 18:44
 Operator : JC/MD
 Sample : 05844-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:52:28 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)

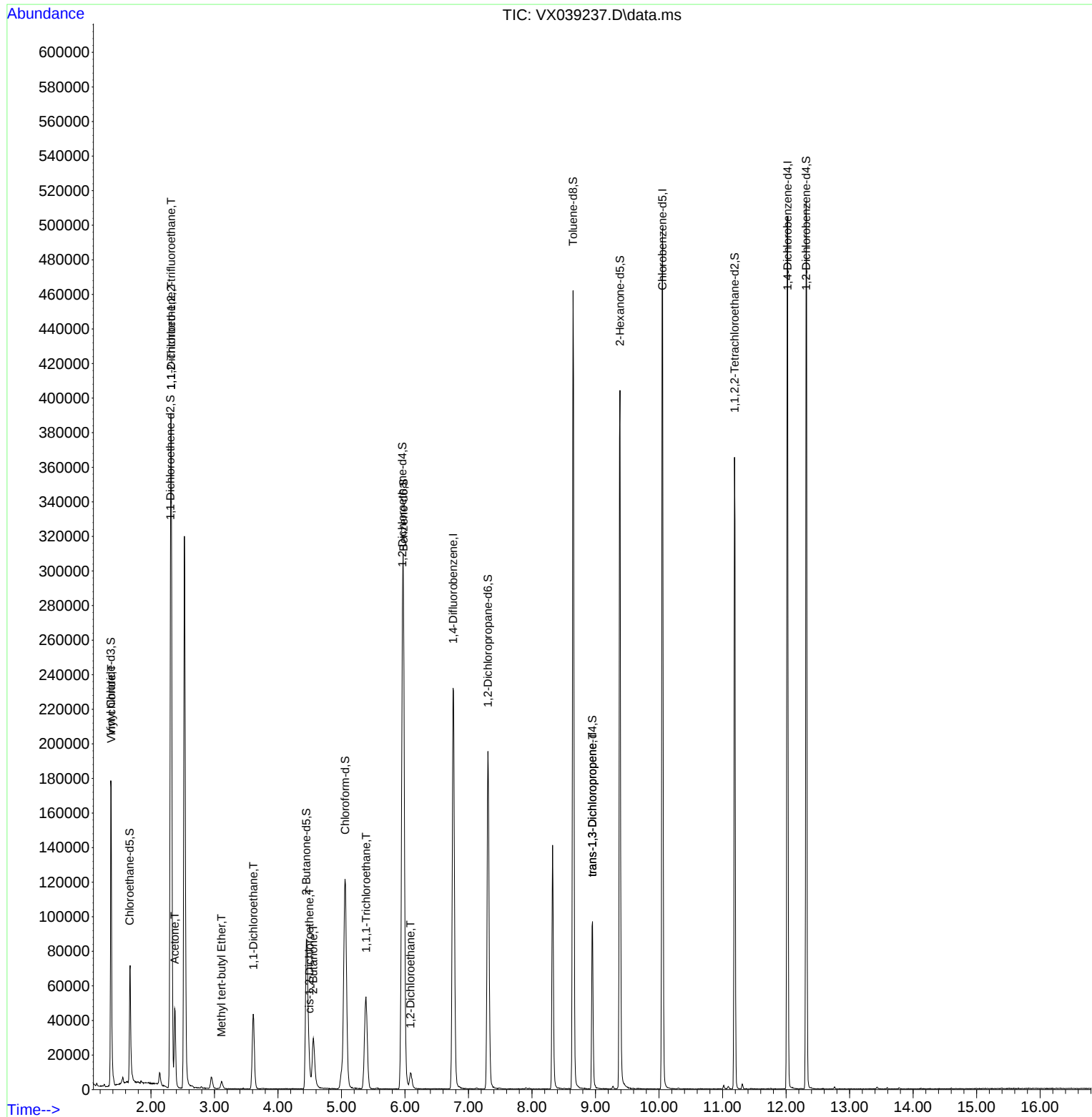
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	230366	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	208958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	98028	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	66106	36.586	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.180%		
7) Chloroethane-d5	1.666	69	52979	39.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.340%		
11) 1,1-Dichloroethene-d2	2.306	65	35646	44.943	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.880%		
21) 2-Butanone-d5	4.446	46	158827	97.108	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.110%		
24) Chloroform-d	5.056	84	151614	47.401	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.800%		
26) 1,2-Dichloroethane-d4	5.958	65	104116	50.261	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.520%		
32) Benzene-d6	5.976	84	299756	46.482	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.960%		
36) 1,2-Dichloropropane-d6	7.305	67	99433	47.911	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.820%		
41) Toluene-d8	8.647	98	270708	46.321	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.640%		
43) trans-1,3-Dichloroprop...	8.951	79	46920	44.426	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.860%		
47) 2-Hexanone-d5	9.384	63	114332	92.236	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.240%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	141363	48.016	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.040%		
66) 1,2-Dichlorobenzene-d4	12.317	152	93445	50.432	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.860%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	63372	33.486	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	2568	1.628	ug/L #	68
12) 1,1-Dichloroethene	2.319	96	85261	57.452	ug/L	92
13) Acetone	2.373	43	48411	30.811	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	4316	0.793	ug/L	96
19) 1,1-Dichloroethane	3.611	63	49030	15.858	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	2654	1.463	ug/L	90
22) 2-Butanone	4.556	43	51718	26.820	ug/L	100
27) 1,2-Dichloroethane	6.086	62	9498	3.902	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	51365	20.260	ug/L	98
44) trans-1,3-Dichloropropene	8.951	75	2586	0.949	ug/L	90

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

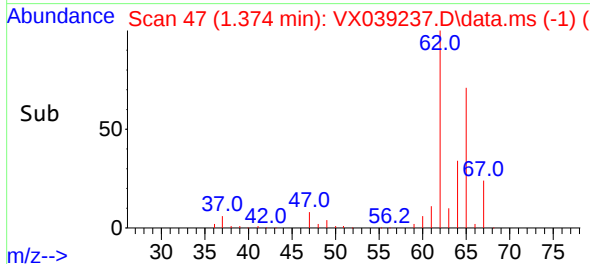
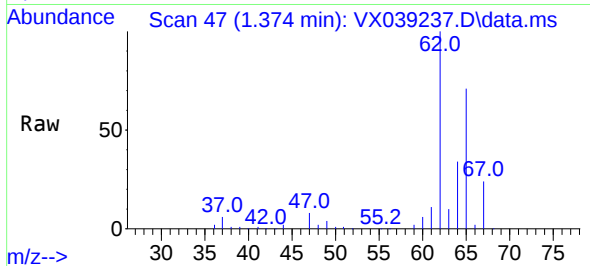
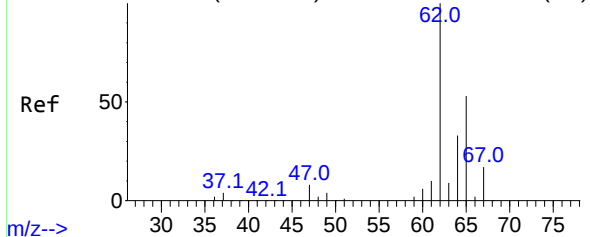
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039237.D
Acq On : 15 Dec 2023 18:44
Operator : JC/MD
Sample : 05844-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 16 01:52:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration



Abundance Scan 47 (1.374 min): VX039231.D\data.ms (-43)



#5

Vinyl chloride

Concen: 33.486 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039237.D

Acq: 15 Dec 2023 18:44

Instrument :

MSVOA_X

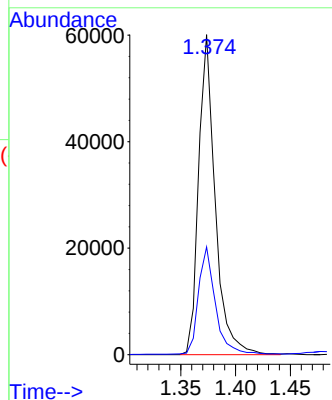
ClientSampleId :

Tgt Ion: 62 Resp: 63372

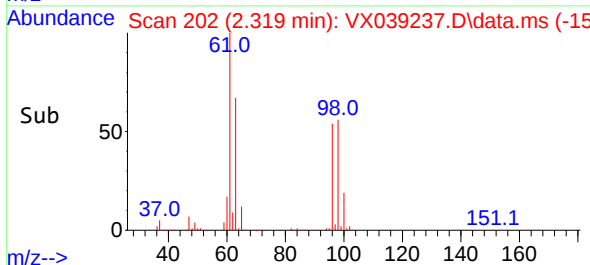
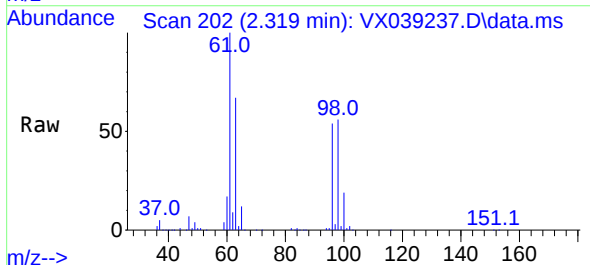
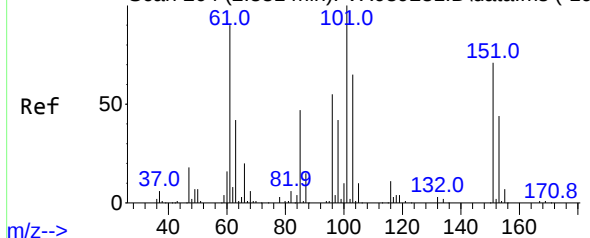
Ion Ratio Lower Upper

62 100

64 33.6 22.3 41.3



Abundance Scan 204 (2.331 min): VX039231.D\data.ms (-19)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.628 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.012 min

Lab File: VX039237.D

Acq: 15 Dec 2023 18:44

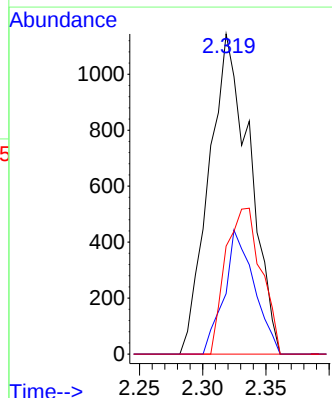
Tgt Ion: 101 Resp: 2568

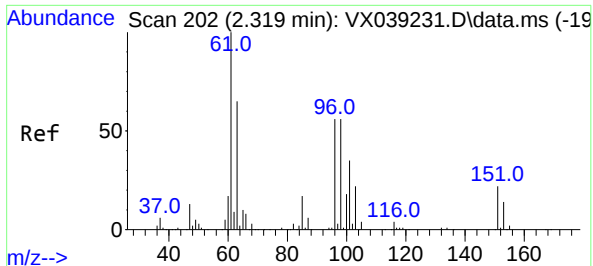
Ion Ratio Lower Upper

101 100

85 28.4 35.8 53.6#

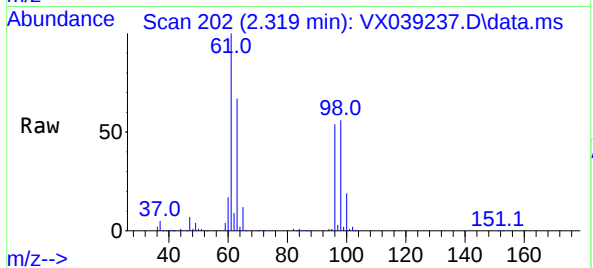
151 39.9 55.4 83.2#



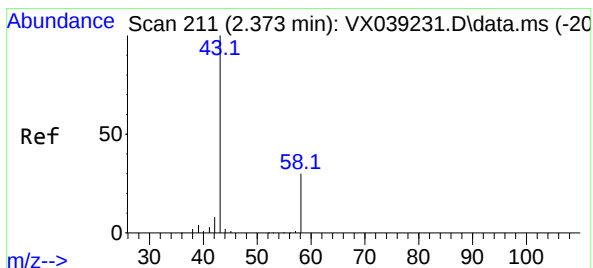
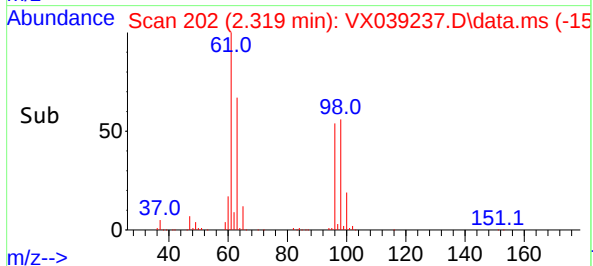
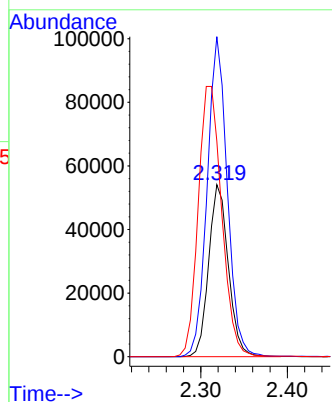


#12
1,1-Dichloroethene
Concen: 57.452 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039237.D
Acq: 15 Dec 2023 18:44

Instrument :
MSVOA_X
ClientSampleId :

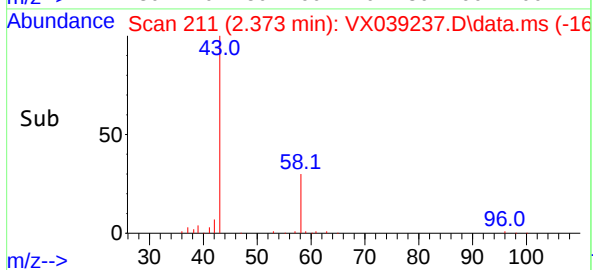
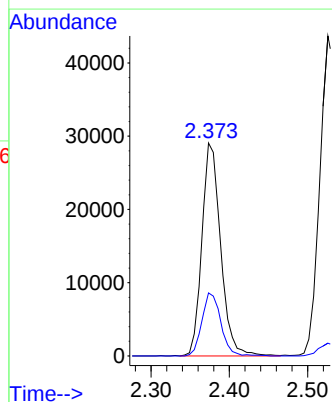
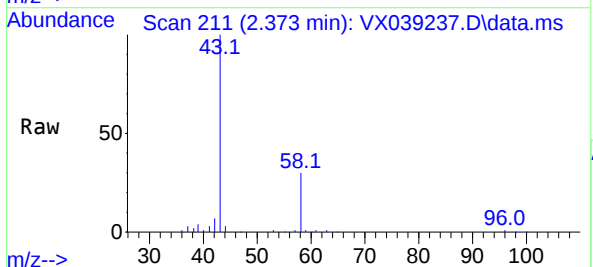


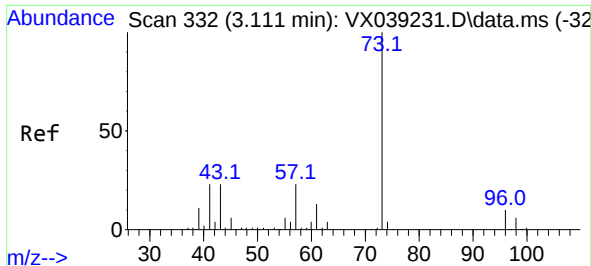
Tgt Ion: 96 Resp: 85261
Ion Ratio Lower Upper
96 100
61 186.1 128.0 237.6
63 125.3 101.5 188.5



#13
Acetone
Concen: 30.811 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039237.D
Acq: 15 Dec 2023 18:44

Tgt Ion: 43 Resp: 48411
Ion Ratio Lower Upper
43 100
58 29.5 0.0 65.8

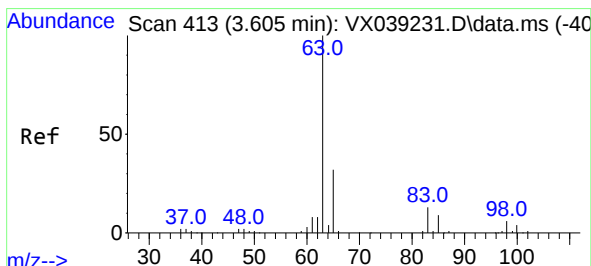
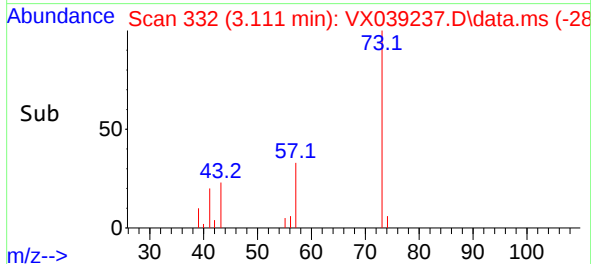
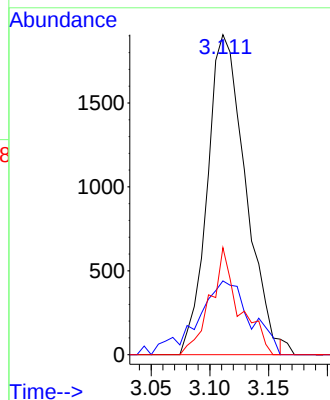
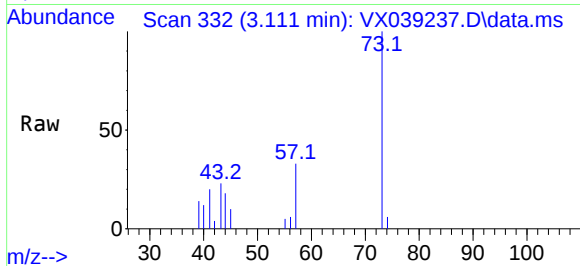




#18
Methyl tert-butyl Ether
Concen: 0.793 ug/L
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039237.D
Acq: 15 Dec 2023 18:44

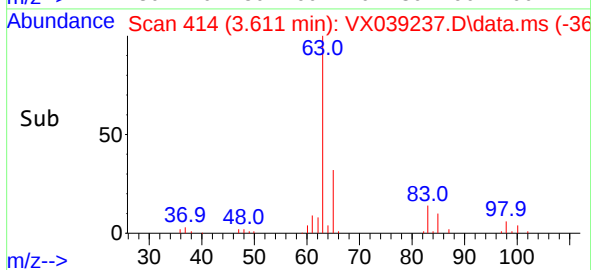
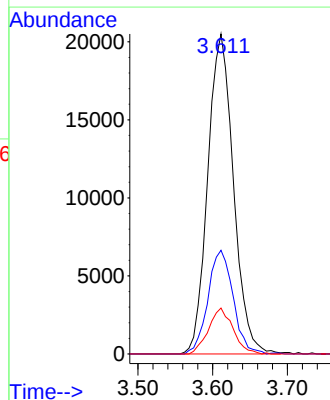
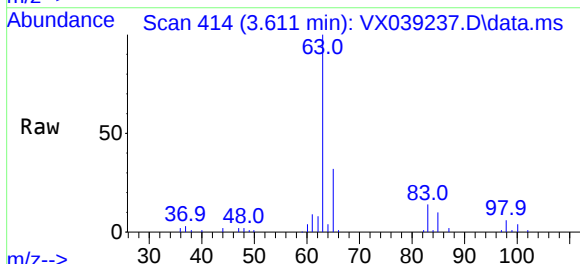
Instrument :
MSVOA_X
ClientSampleId :

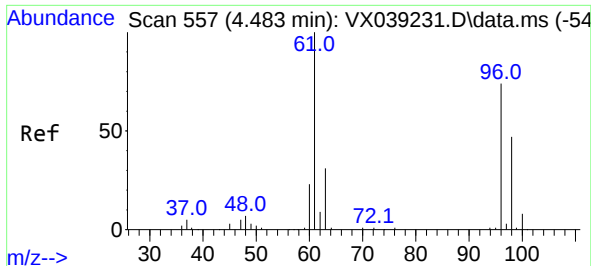
Tgt Ion: 73 Resp: 4316
Ion Ratio Lower Upper
73 100
43 20.1 16.9 25.3
57 25.6 18.5 27.7



#19
1,1-Dichloroethane
Concen: 15.858 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039237.D
Acq: 15 Dec 2023 18:44

Tgt Ion: 63 Resp: 49030
Ion Ratio Lower Upper
63 100
65 32.4 21.1 39.3
83 14.3 9.7 17.9

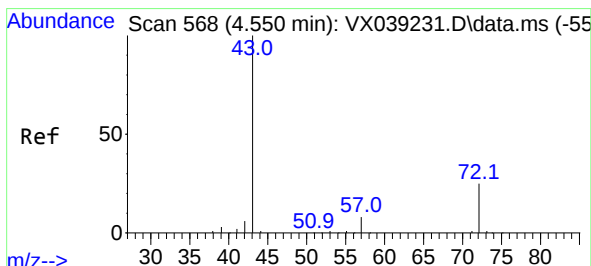
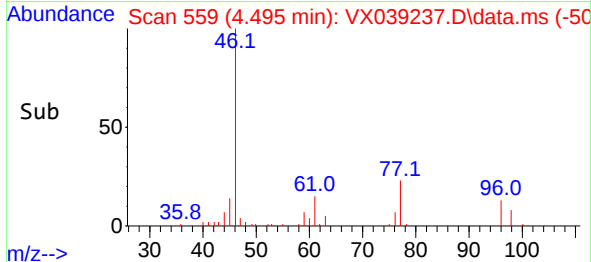
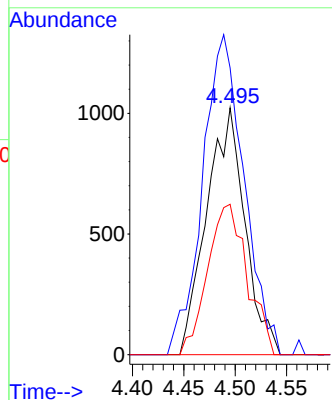
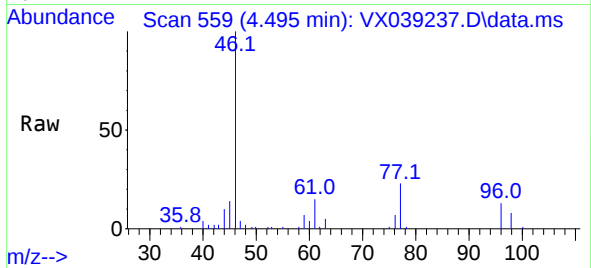




#20
cis-1,2-Dichloroethene
Concen: 1.463 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX039237.D
Acq: 15 Dec 2023 18:44

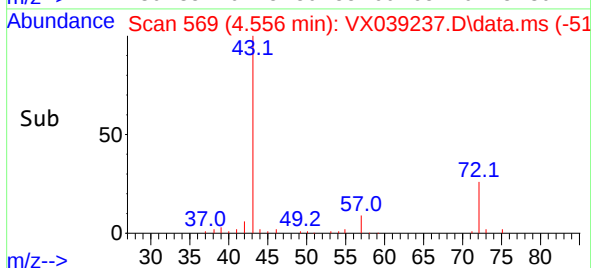
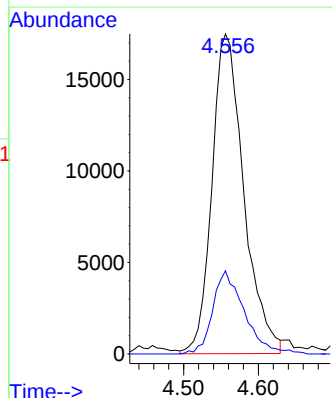
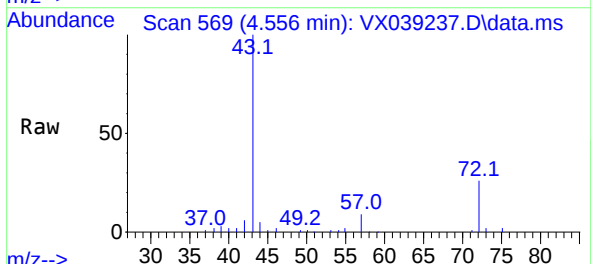
Instrument :
MSVOA_X
ClientSampleId :

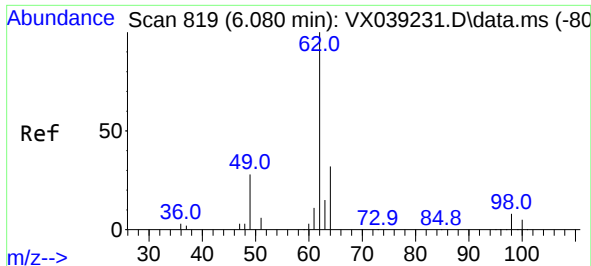
Tgt Ion: 96 Resp: 2654
Ion Ratio Lower Upper
96 100
61 116.1 91.7 170.3
98 60.9 44.2 82.2



#22
2-Butanone
Concen: 26.820 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX039237.D
Acq: 15 Dec 2023 18:44

Tgt Ion: 43 Resp: 51718
Ion Ratio Lower Upper
43 100
72 25.3 12.6 37.6

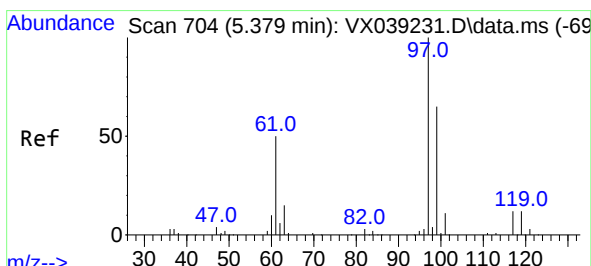
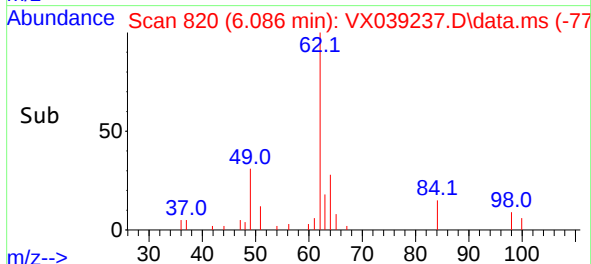
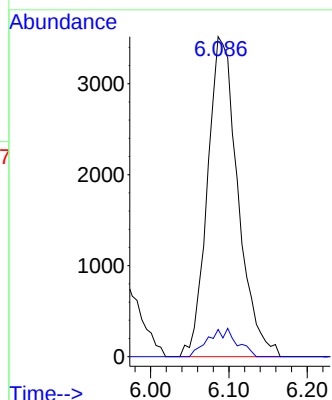
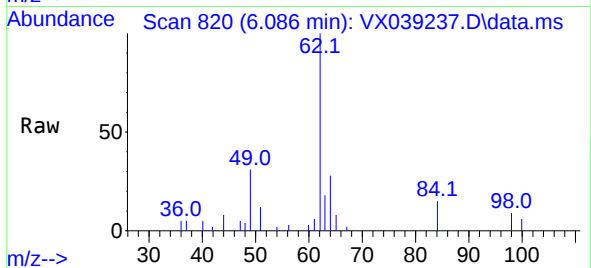




#27
1,2-Dichloroethane
Concen: 3.902 ug/L
RT: 6.086 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX039237.D
Acq: 15 Dec 2023 18:44

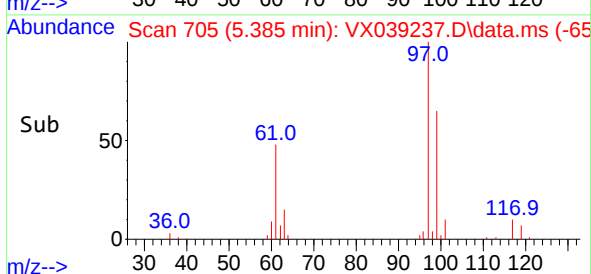
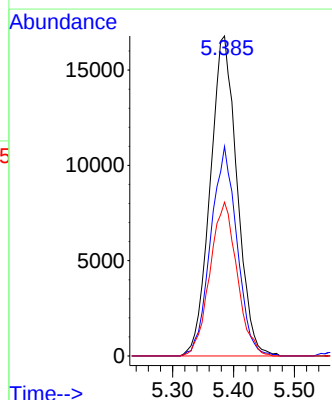
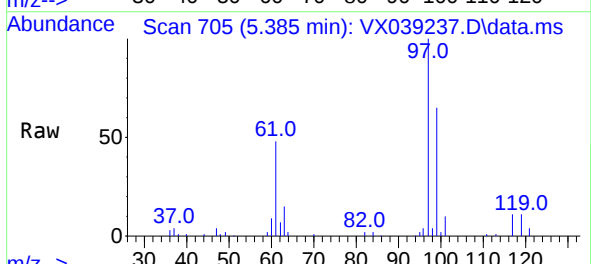
Instrument :
MSVOA_X
ClientSampleId :

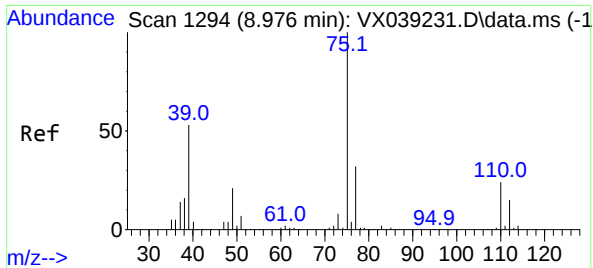
Tgt Ion: 62 Resp: 9498
Ion Ratio Lower Upper
62 100
98 8.5 8.0 12.0



#30
1,1,1-Trichloroethane
Concen: 20.260 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039237.D
Acq: 15 Dec 2023 18:44

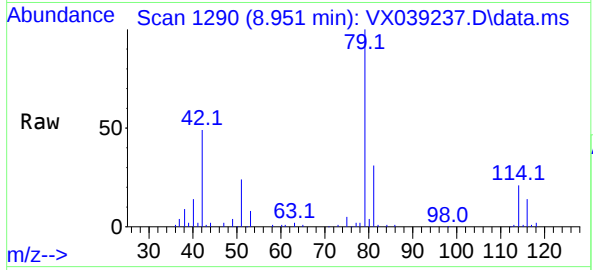
Tgt Ion: 97 Resp: 51365
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 48.5 36.7 55.1





#44
trans-1,3-Dichloropropene
Concen: 0.949 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.019 min
Lab File: VX039237.D
Acq: 15 Dec 2023 18:44

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 2586
Ion Ratio Lower Upper
75 100
77 37.0 22.0 40.8

