

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039287.D
 Acq On : 16 Dec 2023 13:57
 Operator : JC/MD
 Sample : 05845-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 21:12:20 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)

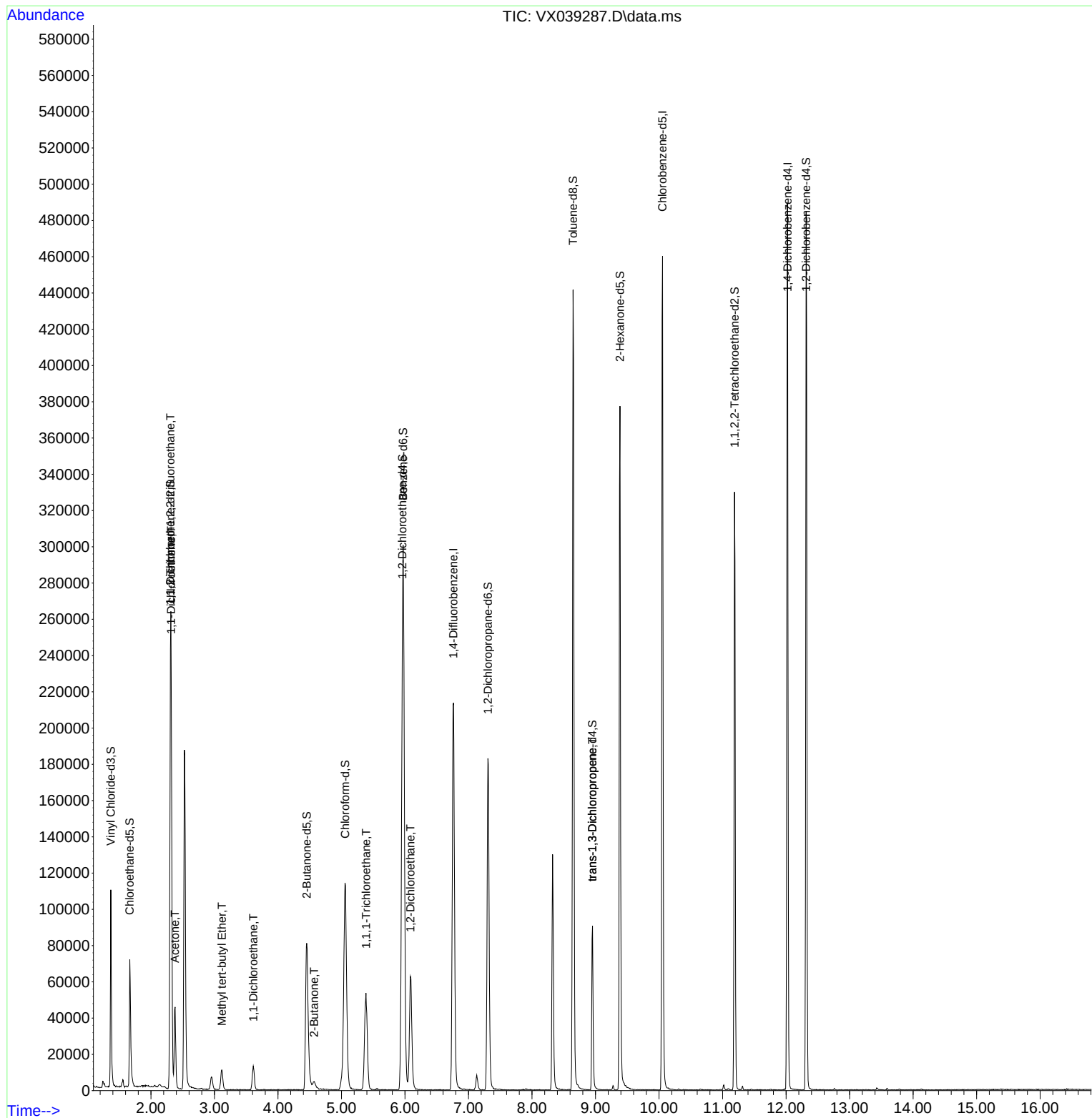
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	212352	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	199073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94262	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68881	41.356	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.720%		
7) Chloroethane-d5	1.666	69	51735	42.023	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.040%		
11) 1,1-Dichloroethene-d2	2.306	65	34970	47.830	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.660%		
21) 2-Butanone-d5	4.452	46	148316	98.374	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.370%		
24) Chloroform-d	5.056	84	140854	47.772	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.540%		
26) 1,2-Dichloroethane-d4	5.958	65	97271	50.940	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.880%		
32) Benzene-d6	5.970	84	289797	47.169	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.340%		
36) 1,2-Dichloropropane-d6	7.306	67	93376	47.227	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.460%		
41) Toluene-d8	8.647	98	257110	46.179	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.360%		
43) trans-1,3-Dichloroprop...	8.952	79	40504	40.256	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.520%		
47) 2-Hexanone-d5	9.384	63	104649	88.617	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.620%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128401	45.778	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.560%		
66) 1,2-Dichlorobenzene-d4	12.317	152	86988	48.822	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.640%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1550	1.066	ug/L #	25
12) 1,1-Dichloroethene	2.319	96	39392	28.795	ug/L #	77
13) Acetone	2.380	43	47541	32.824	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	11966	2.385	ug/L #	95
19) 1,1-Dichloroethane	3.611	63	14660	5.144	ug/L	91
22) 2-Butanone	4.568	43	5890	3.314	ug/L	91
27) 1,2-Dichloroethane	6.086	62	68884	30.702	ug/L #	94
30) 1,1,1-Trichloroethane	5.385	97	49560	20.518	ug/L	99
44) trans-1,3-Dichloropropene	8.952	75	2193	0.844	ug/L #	71

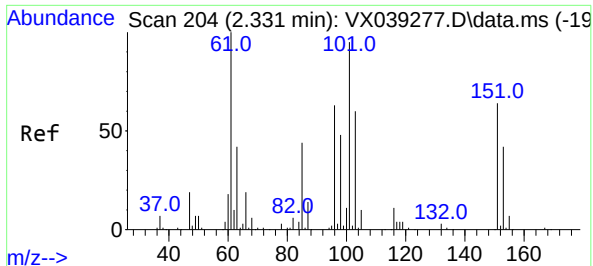
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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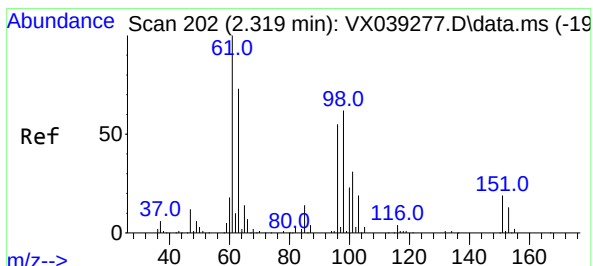
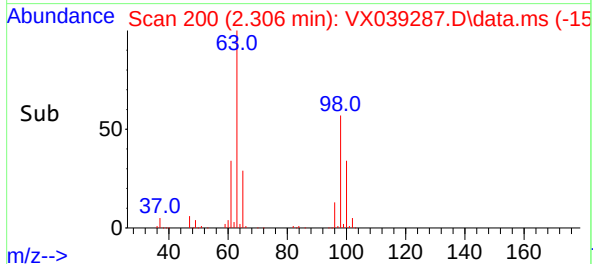
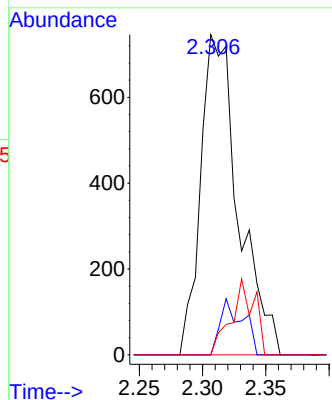
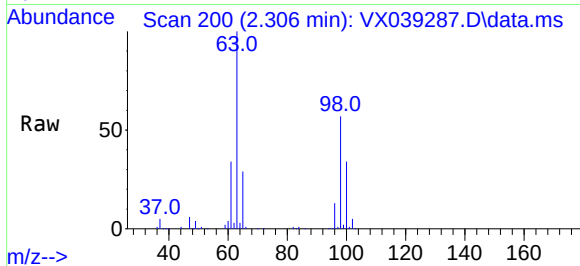




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.066 ug/L
RT: 2.306 min Scan# 204
Delta R.T. -0.025 min
Lab File: VX039287.D
Acq: 16 Dec 2023 13:57

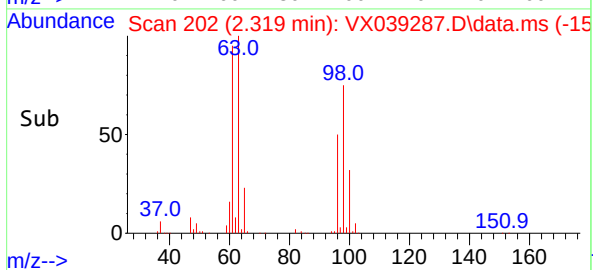
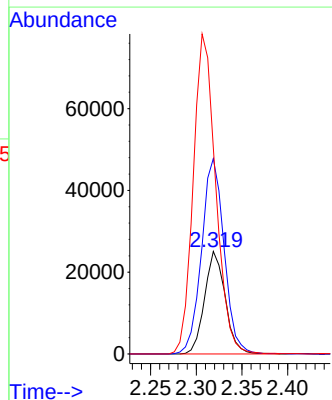
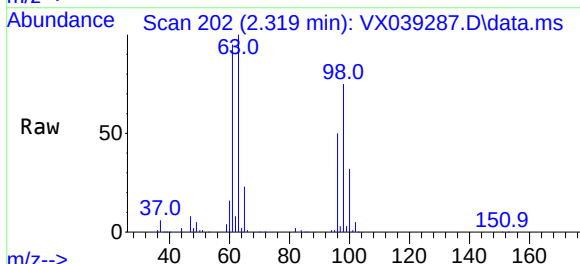
Instrument :
MSVOA_X
ClientSampleId :

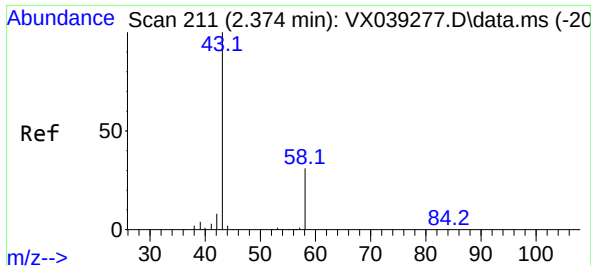
Tgt Ion:101 Resp: 1550
Ion Ratio Lower Upper
101 100
85 6.3 35.8 53.6#
151 0.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 28.795 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039287.D
Acq: 16 Dec 2023 13:57

Tgt Ion: 96 Resp: 39392
Ion Ratio Lower Upper
96 100
61 190.6 128.0 237.6
63 201.1 101.5 188.5#

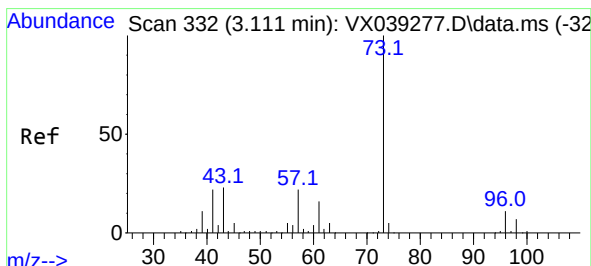
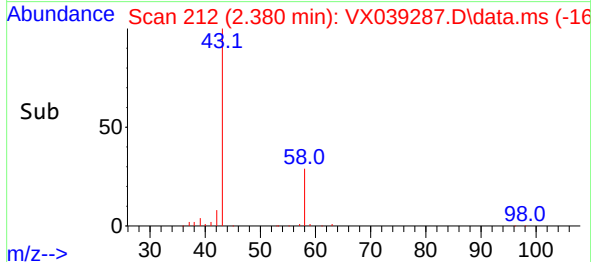
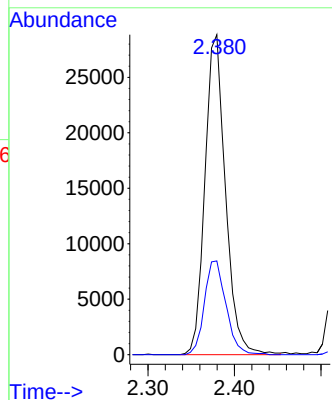
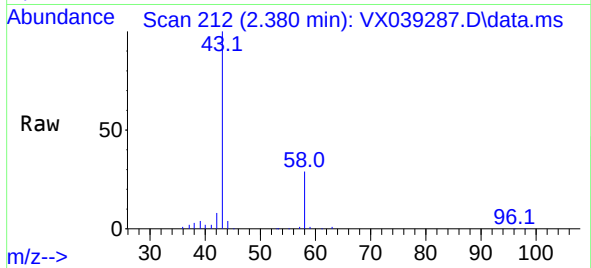




#13
Acetone
Concen: 32.824 ug/L
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX039287.D
Acq: 16 Dec 2023 13:57

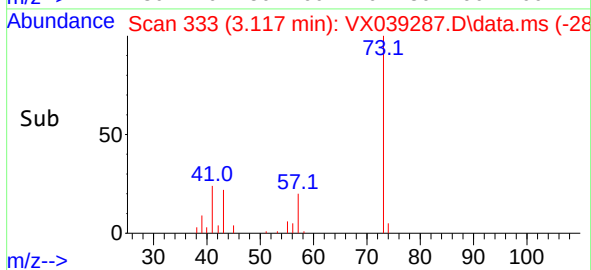
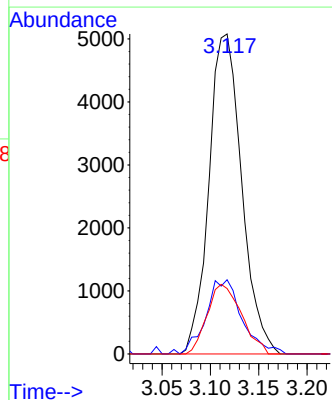
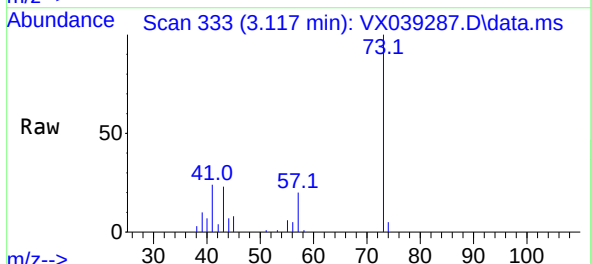
Instrument :
MSVOA_X
ClientSampleId :

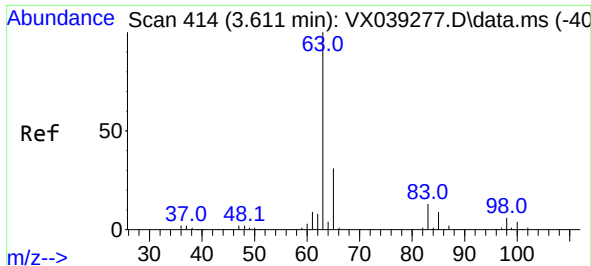
Tgt Ion: 43 Resp: 47541
Ion Ratio Lower Upper
43 100
58 30.7 0.0 65.8



#18
Methyl tert-butyl Ether
Concen: 2.385 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.012 min
Lab File: VX039287.D
Acq: 16 Dec 2023 13:57

Tgt Ion: 73 Resp: 11966
Ion Ratio Lower Upper
73 100
43 25.5 16.9 25.3#
57 22.7 18.5 27.7





#19

1,1-Dichloroethane

Concen: 5.144 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

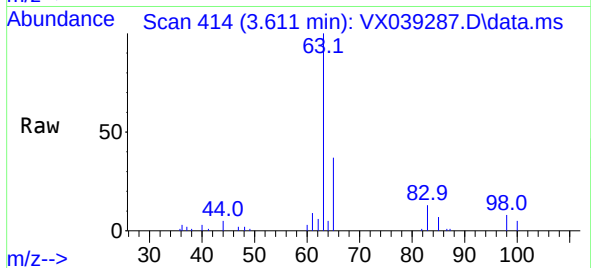
Lab File: VX039287.D

Acq: 16 Dec 2023 13:57

Instrument :

MSVOA_X

ClientSampleId :



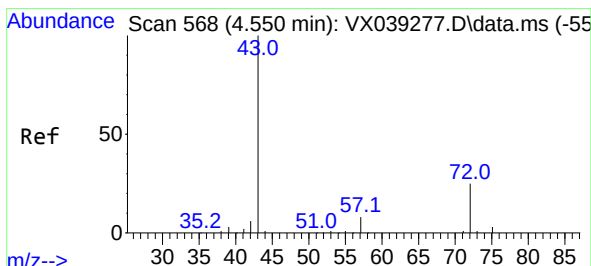
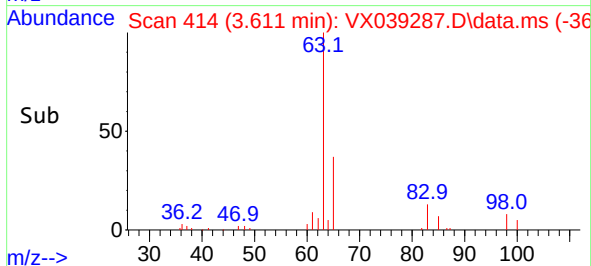
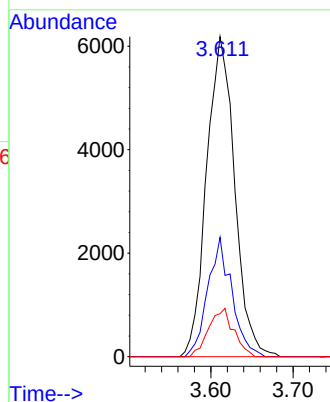
Tgt Ion: 63 Resp: 14660

Ion Ratio Lower Upper

63 100

65 37.3 21.1 39.3

83 13.4 9.7 17.9



#22

2-Butanone

Concen: 3.314 ug/L

RT: 4.568 min Scan# 571

Delta R.T. 0.024 min

Lab File: VX039287.D

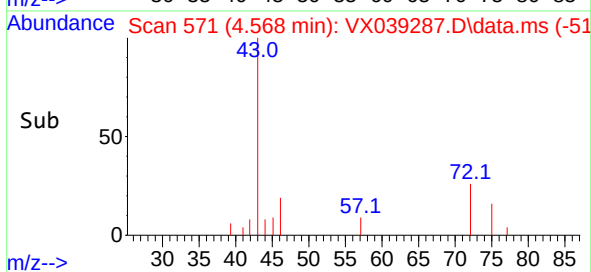
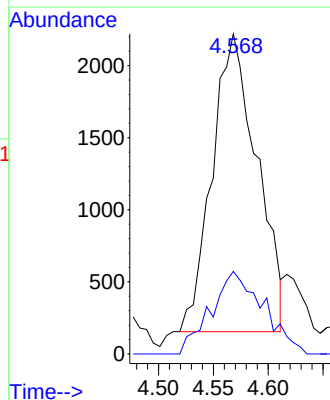
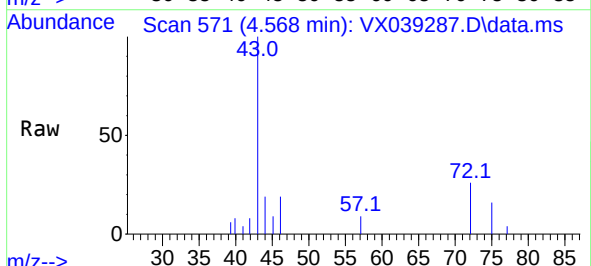
Acq: 16 Dec 2023 13:57

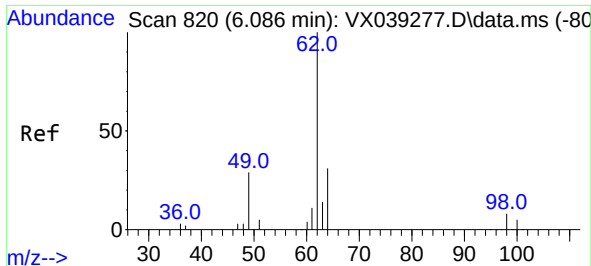
Tgt Ion: 43 Resp: 5890

Ion Ratio Lower Upper

43 100

72 29.4 12.6 37.6





#27

1,2-Dichloroethane

Concen: 30.702 ug/L

RT: 6.086 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX039287.D

Acq: 16 Dec 2023 13:57

Instrument :

MSVOA_X

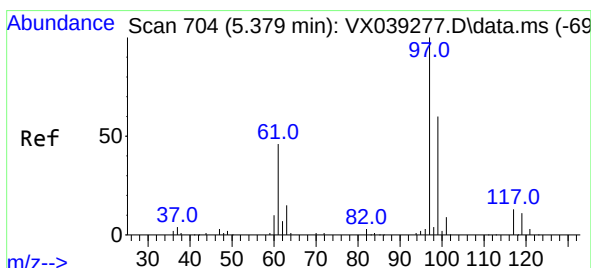
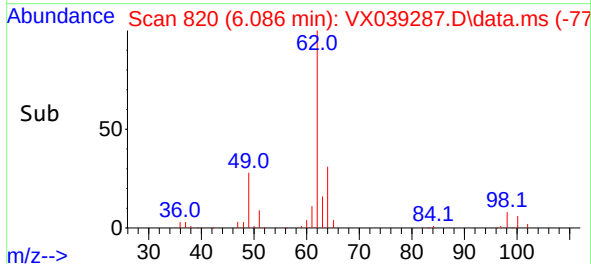
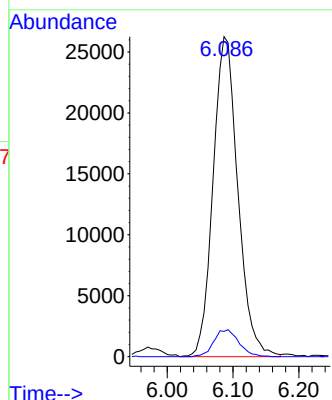
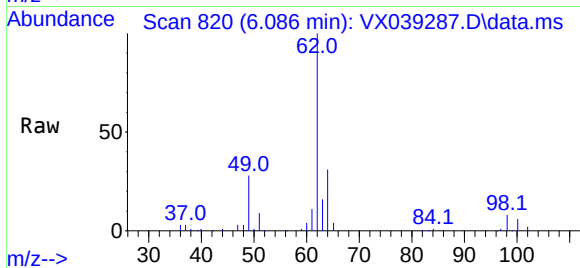
ClientSampleId :

Tgt Ion: 62 Resp: 68884

Ion Ratio Lower Upper

62 100

98 7.9 8.0 12.0#



#30

1,1,1-Trichloroethane

Concen: 20.518 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX039287.D

Acq: 16 Dec 2023 13:57

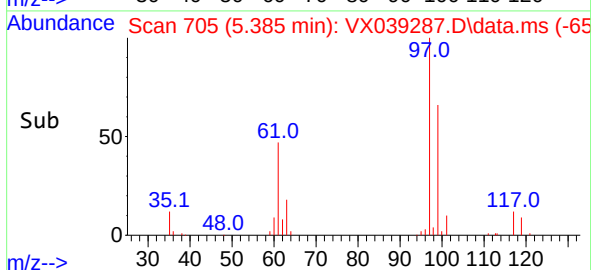
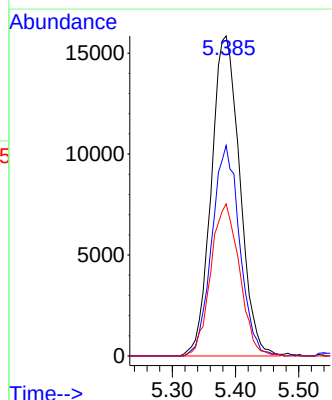
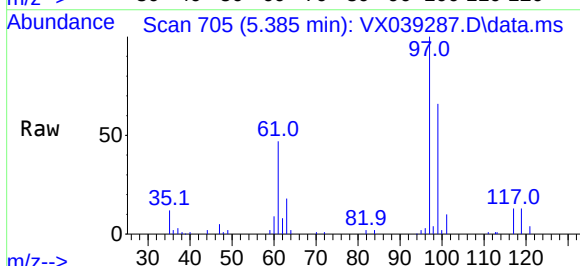
Tgt Ion: 97 Resp: 49560

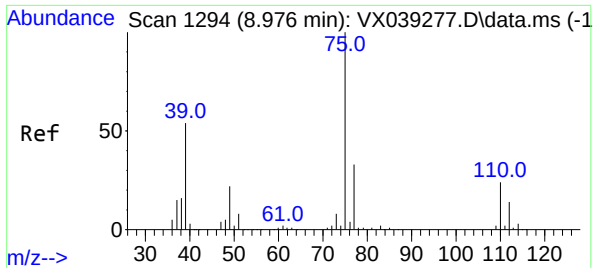
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 47.8 36.7 55.1





#44
trans-1,3-Dichloropropene
Concen: 0.844 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039287.D
Acq: 16 Dec 2023 13:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2193
Ion Ratio Lower Upper
75 100
77 47.5 22.0 40.8#

