

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039285.D
 Acq On : 16 Dec 2023 13:11
 Operator : JC/MD
 Sample : 05845-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 21:12:04 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)

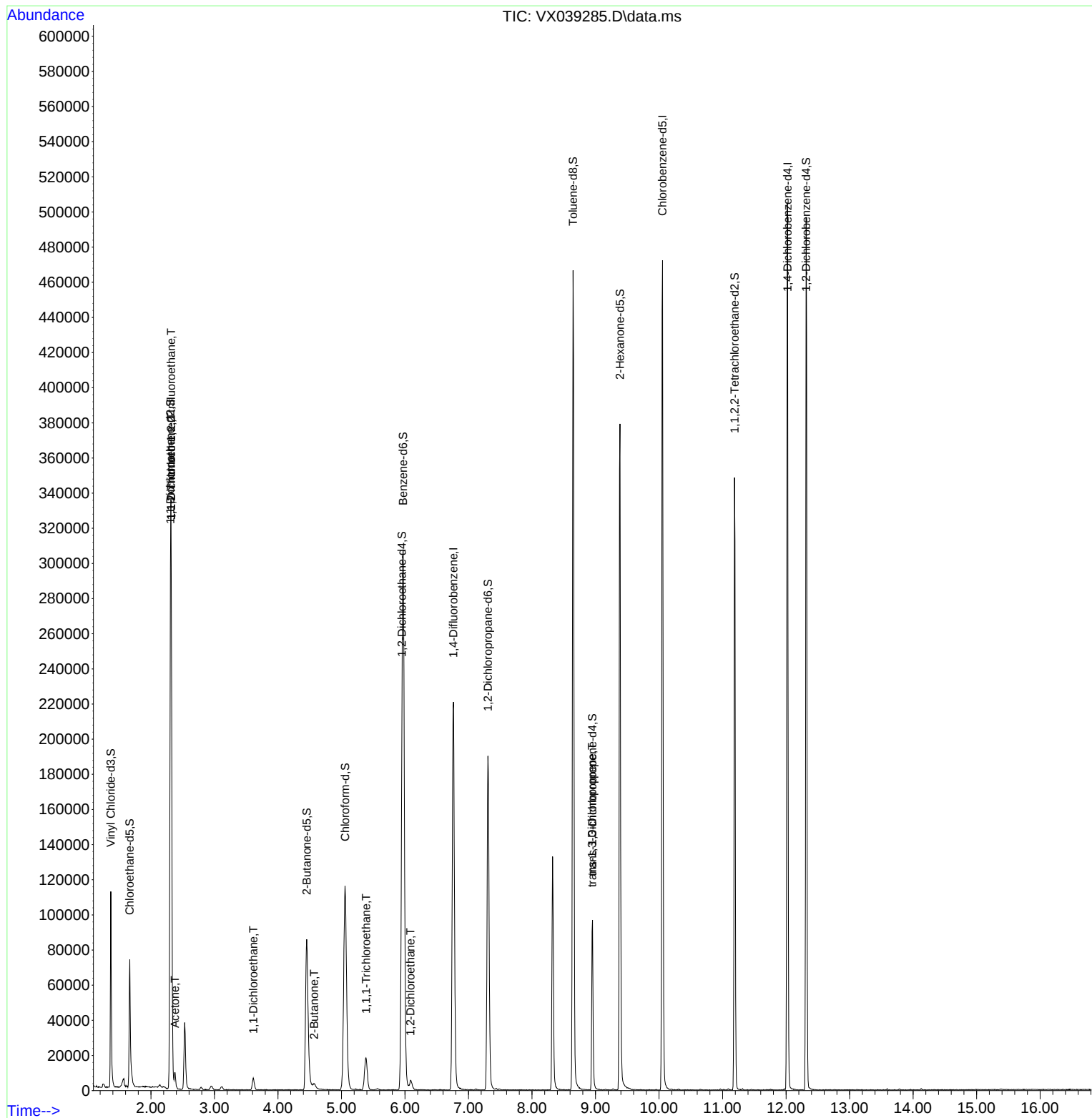
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	217312	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	203169	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95796	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	71270	41.813	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.620%
7) Chloroethane-d5	1.666	69	53611	42.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.100%
11) 1,1-Dichloroethene-d2	2.306	65	36262	48.466	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.940%
21) 2-Butanone-d5	4.452	46	152406	98.780	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.780%
24) Chloroform-d	5.056	84	144149	47.774	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.540%
26) 1,2-Dichloroethane-d4	5.952	65	102445	52.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.860%
32) Benzene-d6	5.970	84	301114	48.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.040%
36) 1,2-Dichloropropane-d6	7.306	67	97720	48.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.860%
41) Toluene-d8	8.647	98	270780	47.654	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.300%
43) trans-1,3-Dichloroprop...	8.952	79	43798	42.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.300%
47) 2-Hexanone-d5	9.384	63	108851	90.317	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.320%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	134895	47.124	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	89912	49.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.320%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	2049	1.377	ug/L	# 61
12) 1,1-Dichloroethene	2.319	96	65620	46.873	ug/L	96
13) Acetone	2.380	43	9131	6.160	ug/L	95
19) 1,1-Dichloroethane	3.611	63	7726	2.649	ug/L	97
22) 2-Butanone	4.568	43	5128	2.819	ug/L	96
27) 1,2-Dichloroethane	6.086	62	5409	2.356	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	17130	6.949	ug/L	96
44) trans-1,3-Dichloropropene	8.945	75	2493	0.941	ug/L	93

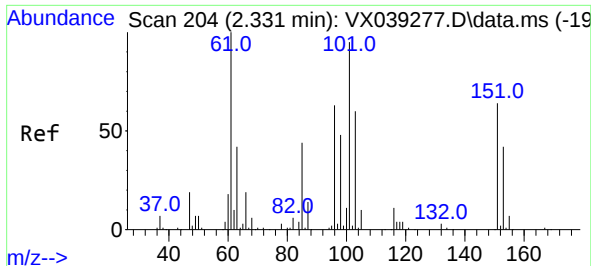
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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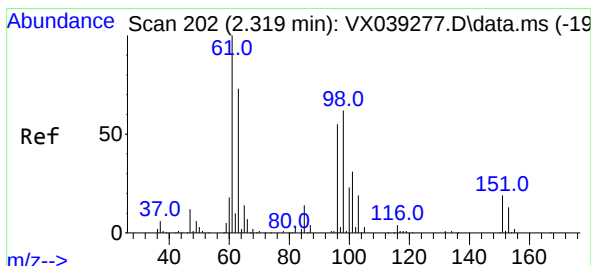
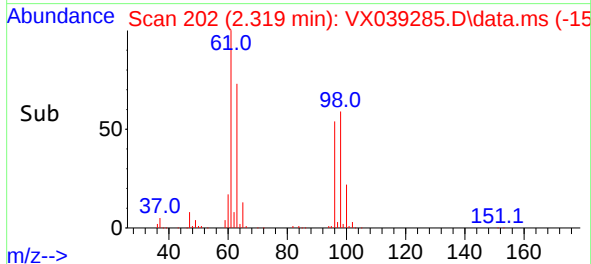
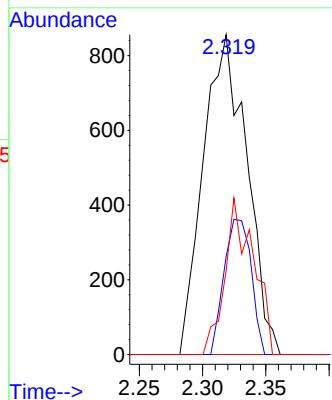
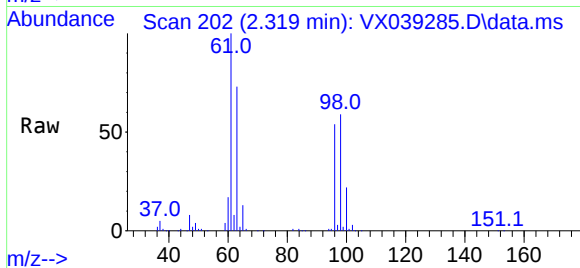




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.377 ug/L
RT: 2.319 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX039285.D
Acq: 16 Dec 2023 13:11

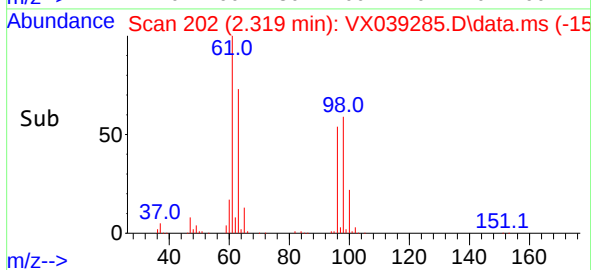
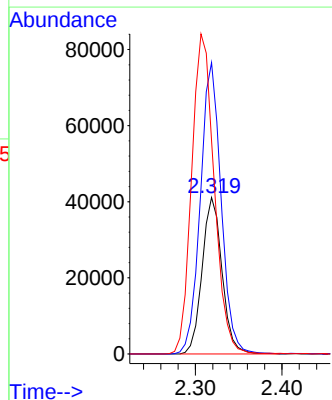
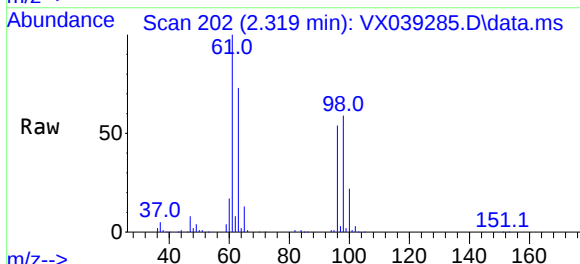
Instrument :
MSVOA_X
ClientSampleId :

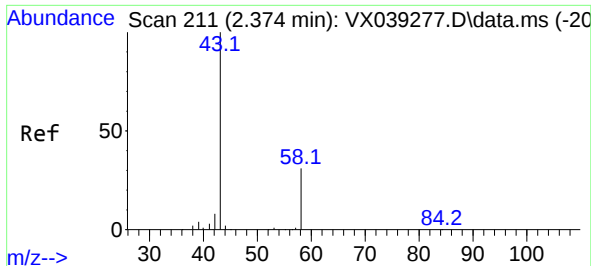
Tgt Ion:101 Resp: 2049
Ion Ratio Lower Upper
101 100
85 26.3 35.8 53.6#
151 32.2 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 46.873 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039285.D
Acq: 16 Dec 2023 13:11

Tgt Ion: 96 Resp: 65620
Ion Ratio Lower Upper
96 100
61 186.2 128.0 237.6
63 136.3 101.5 188.5

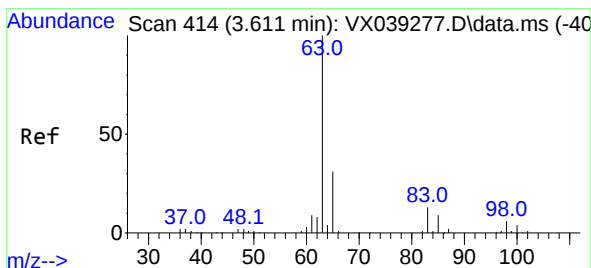
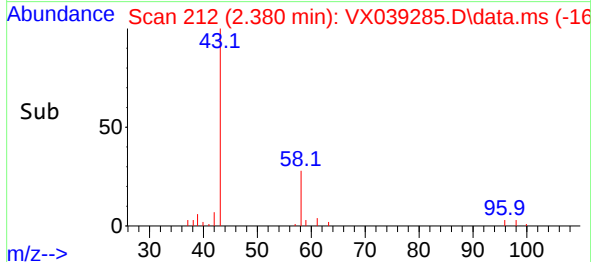
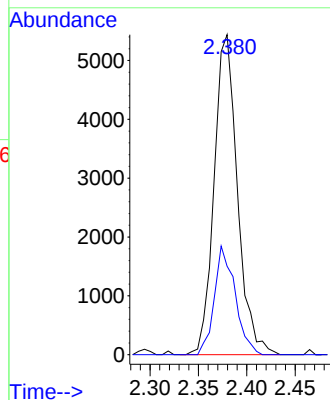
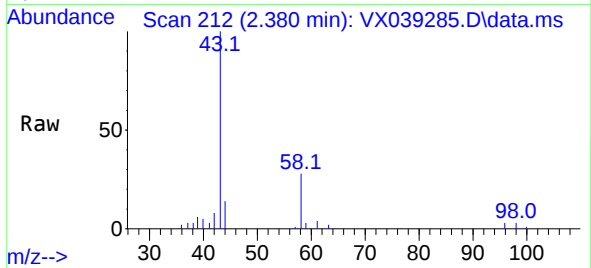




#13
Acetone
Concen: 6.160 ug/L
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX039285.D
Acq: 16 Dec 2023 13:11

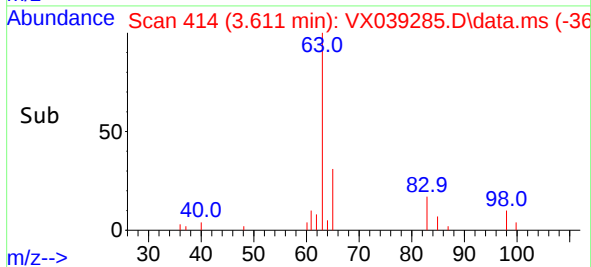
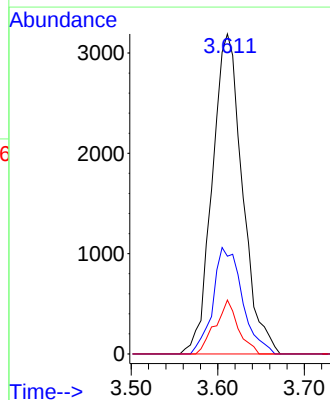
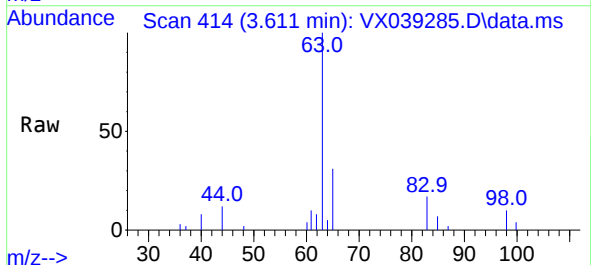
Instrument :
MSVOA_X
ClientSampleId :

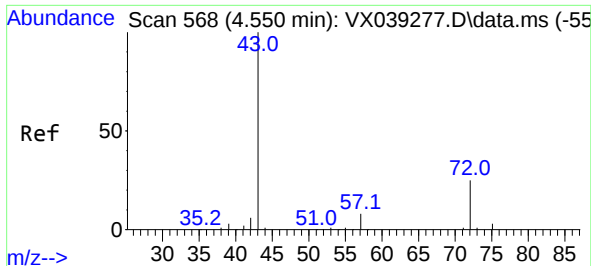
Tgt Ion: 43 Resp: 9131
Ion Ratio Lower Upper
43 100
58 30.2 0.0 65.8



#19
1,1-Dichloroethane
Concen: 2.649 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039285.D
Acq: 16 Dec 2023 13:11

Tgt Ion: 63 Resp: 7726
Ion Ratio Lower Upper
63 100
65 30.6 21.1 39.3
83 16.8 9.7 17.9

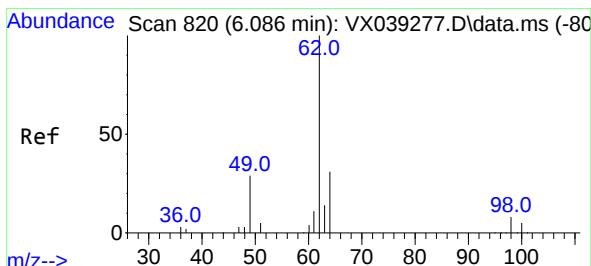
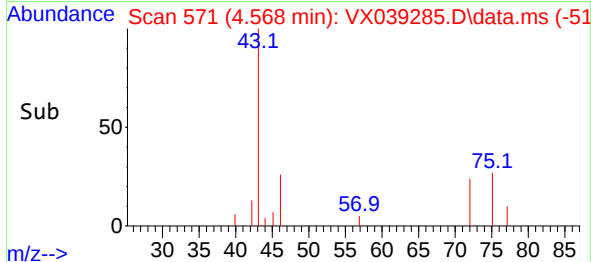
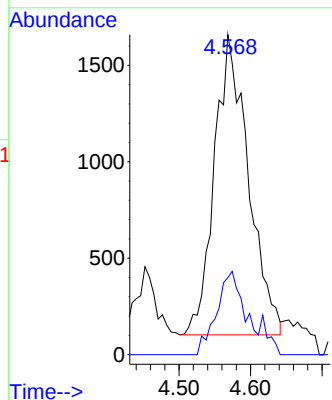
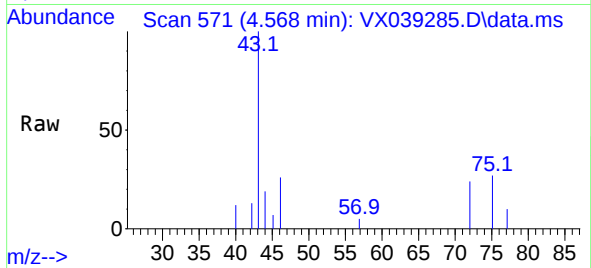




#22
2-Butanone
Concen: 2.819 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX039285.D
Acq: 16 Dec 2023 13:11

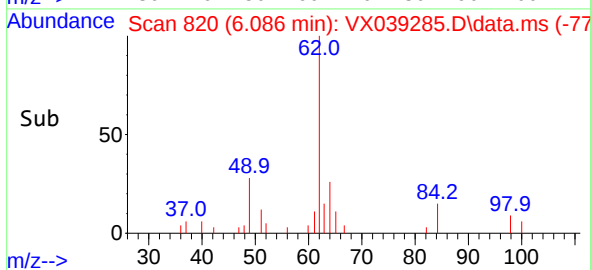
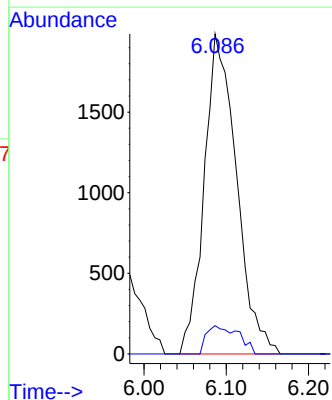
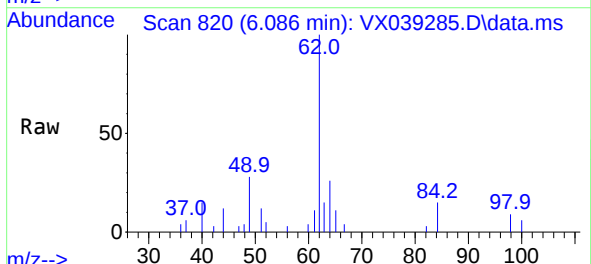
Instrument :
MSVOA_X
ClientSampleId :

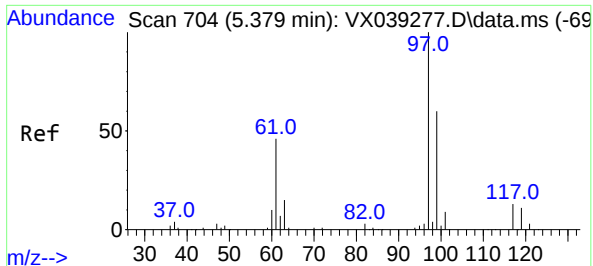
Tgt Ion: 43 Resp: 5128
Ion Ratio Lower Upper
43 100
72 22.9 12.6 37.6



#27
1,2-Dichloroethane
Concen: 2.356 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039285.D
Acq: 16 Dec 2023 13:11

Tgt Ion: 62 Resp: 5409
Ion Ratio Lower Upper
62 100
98 8.8 8.0 12.0





#30

1,1,1-Trichloroethane

Concen: 6.949 ug/L

RT: 5.385 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX039285.D

Acq: 16 Dec 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

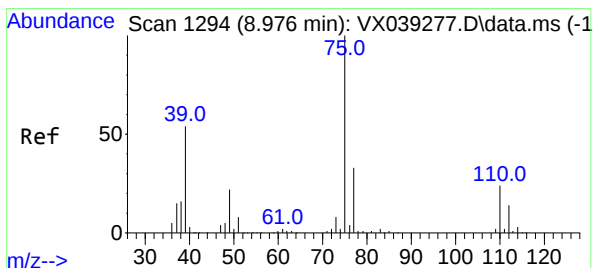
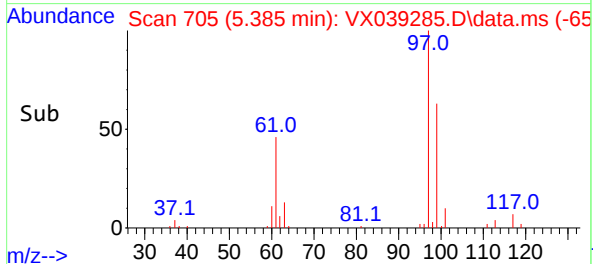
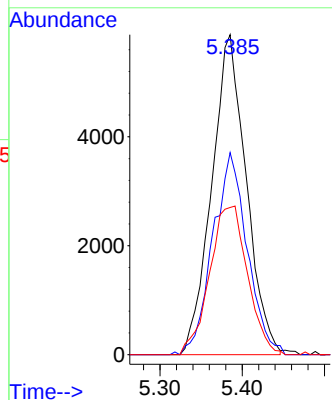
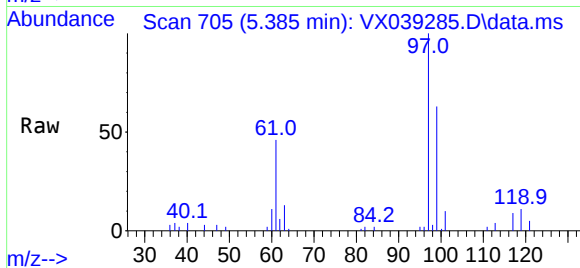
Tgt Ion: 97 Resp: 17130

Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.4

61 51.1 36.7 55.1



#44

trans-1,3-Dichloropropene

Concen: 0.941 ug/L

RT: 8.945 min Scan# 1289

Delta R.T. -0.025 min

Lab File: VX039285.D

Acq: 16 Dec 2023 13:11

Tgt Ion: 75 Resp: 2493

Ion Ratio Lower Upper

75 100

77 35.3 22.0 40.8

