

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039284.D
 Acq On : 16 Dec 2023 12:48
 Operator : JC/MD
 Sample : 05845-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 21:11:56 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)

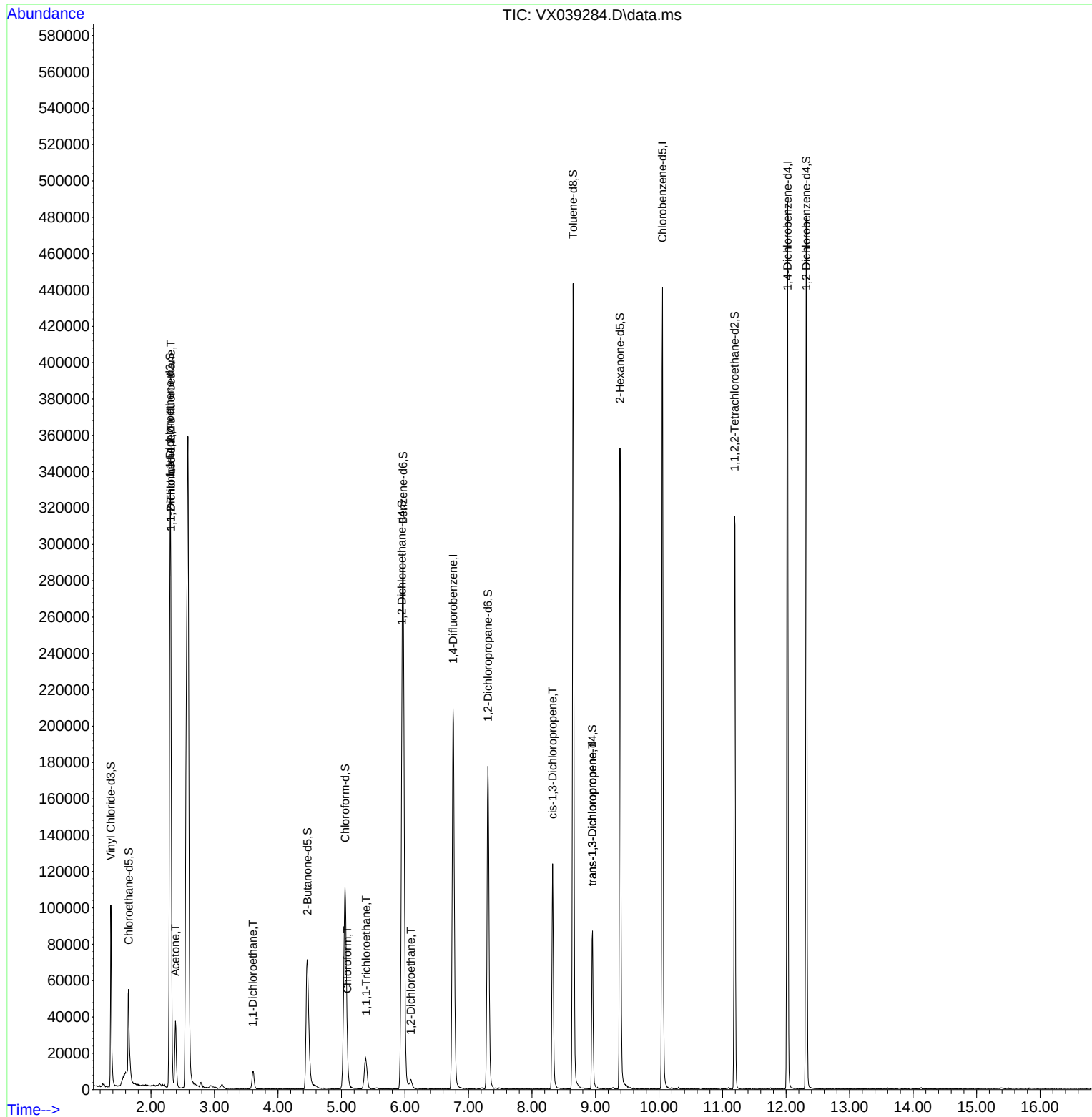
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	202796	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	188575	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93745	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	70316	44.207	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.420%
7) Chloroethane-d5	1.648	69	32117	27.317	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	54.640%#
11) 1,1-Dichloroethene-d2	2.300	65	34440	49.325	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.660%
21) 2-Butanone-d5	4.465	46	137352	95.395	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.390%
24) Chloroform-d	5.056	84	134788	47.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
26) 1,2-Dichloroethane-d4	5.952	65	96318	52.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.640%
32) Benzene-d6	5.970	84	281709	48.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.820%
36) 1,2-Dichloropropane-d6	7.305	67	90292	48.209	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.420%
41) Toluene-d8	8.647	98	249539	47.314	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.620%
43) trans-1,3-Dichloroprop...	8.951	79	40834	42.843	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.680%
47) 2-Hexanone-d5	9.384	63	102549	91.673	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.670%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128202	48.252	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.500%
66) 1,2-Dichlorobenzene-d4	12.317	152	87913	49.614	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.220%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	2158	1.554	ug/L #	60
12) 1,1-Dichloroethene	2.312	96	67631	51.768	ug/L	88
13) Acetone	2.386	43	39991	28.912	ug/L	95
19) 1,1-Dichloroethane	3.605	63	11101	4.079	ug/L	96
25) Chloroform	5.092	83	3748	1.381	ug/L	99
27) 1,2-Dichloroethane	6.092	62	4738	2.211	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	15882	6.941	ug/L	98
39) cis-1,3-Dichloropropene	8.324	75	3025	1.141	ug/L #	62
44) trans-1,3-Dichloropropene	8.951	75	2131	0.866	ug/L #	80

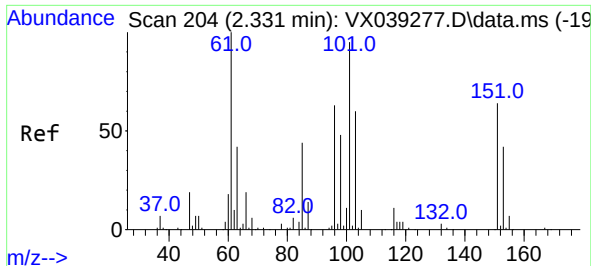
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

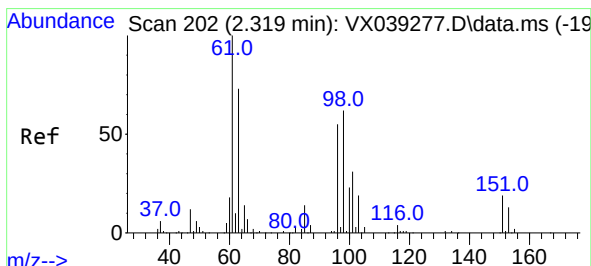
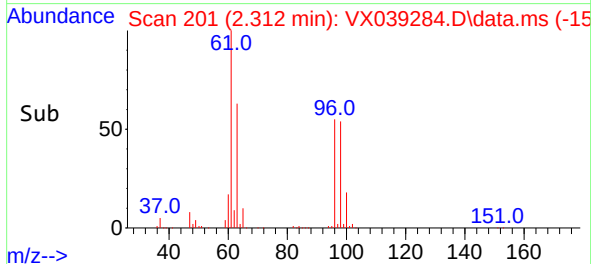
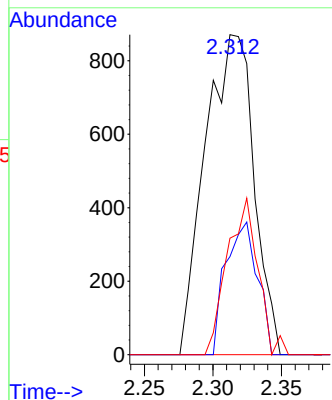
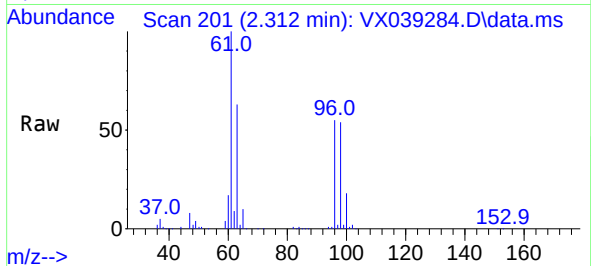




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.554 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.019 min
Lab File: VX039284.D
Acq: 16 Dec 2023 12:48

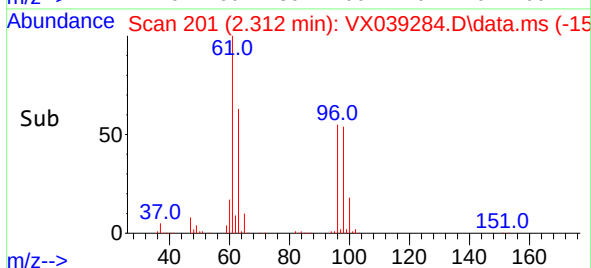
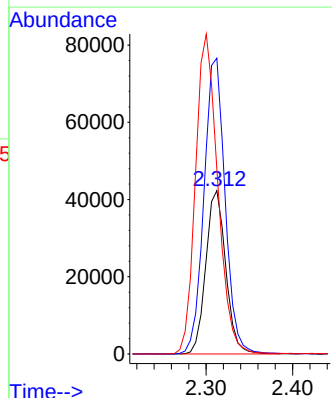
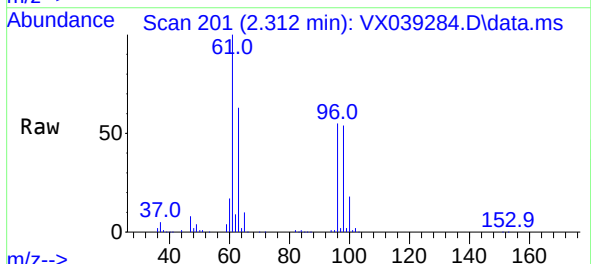
Instrument :
MSVOA_X
ClientSampleId :

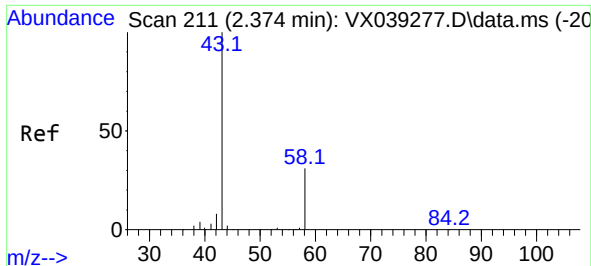
Tgt Ion:101 Resp: 2158
Ion Ratio Lower Upper
101 100
85 26.9 35.8 53.6#
151 30.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 51.768 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX039284.D
Acq: 16 Dec 2023 12:48

Tgt Ion: 96 Resp: 67631
Ion Ratio Lower Upper
96 100
61 181.1 128.0 237.6
63 113.4 101.5 188.5





#13

Acetone

Concen: 28.912 ug/L

RT: 2.386 min Scan# 211

Delta R.T. 0.012 min

Lab File: VX039284.D

Acq: 16 Dec 2023 12:48

Instrument :

MSVOA_X

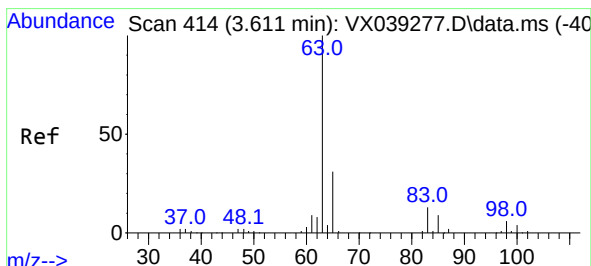
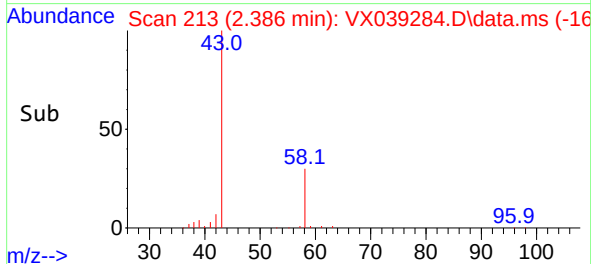
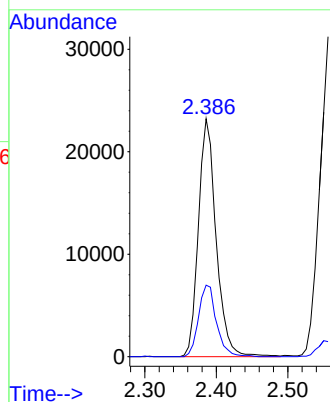
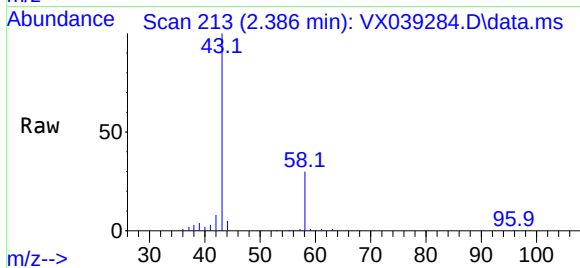
ClientSampleId :

Tgt Ion: 43 Resp: 39991

Ion Ratio Lower Upper

43 100

58 30.3 0.0 65.8



#19

1,1-Dichloroethane

Concen: 4.079 ug/L

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX039284.D

Acq: 16 Dec 2023 12:48

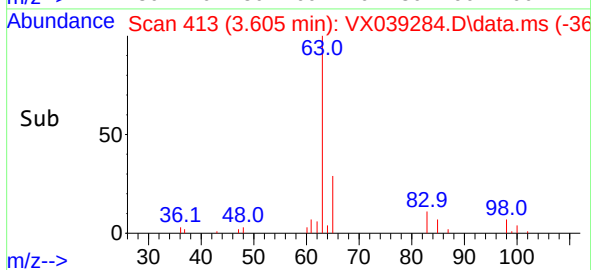
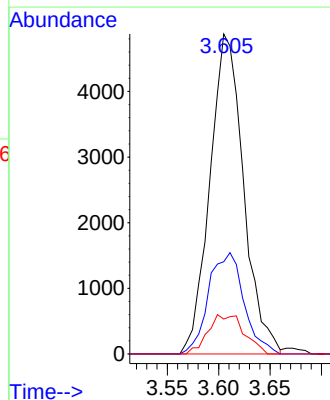
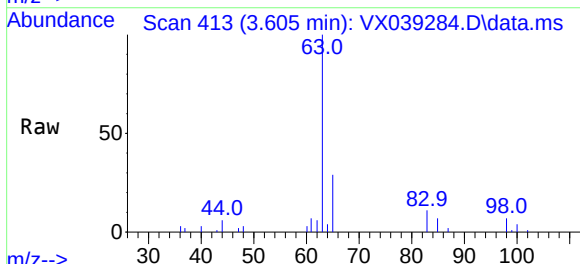
Tgt Ion: 63 Resp: 11101

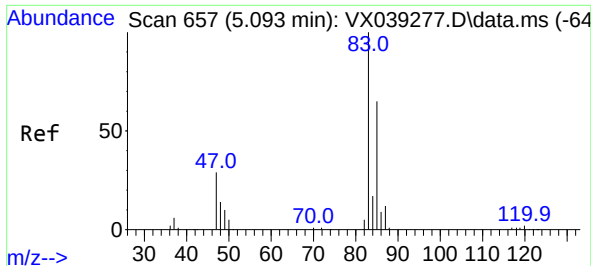
Ion Ratio Lower Upper

63 100

65 28.8 21.1 39.3

83 10.9 9.7 17.9





#25

Chloroform

Concen: 1.381 ug/L

RT: 5.092 min Scan# 6

Delta R.T. 0.012 min

Lab File: VX039284.D

Acq: 16 Dec 2023 12:48

Instrument :

MSVOA_X

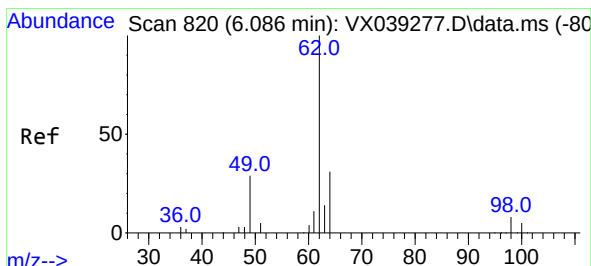
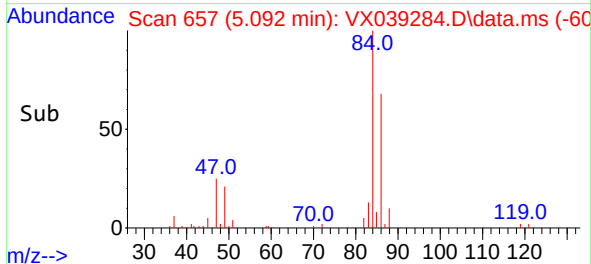
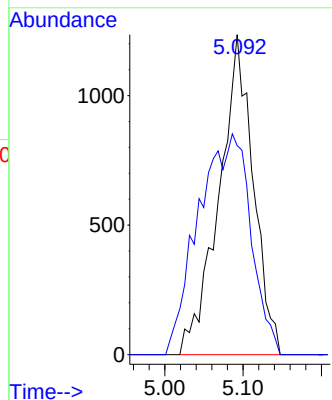
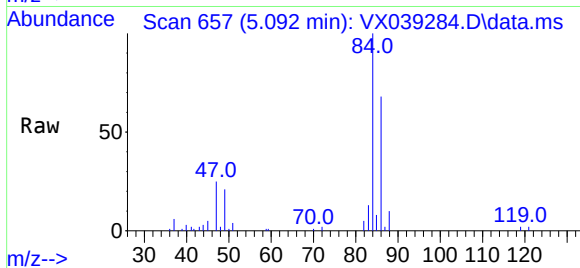
ClientSampleId :

Tgt Ion: 83 Resp: 3748

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 2.211 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.012 min

Lab File: VX039284.D

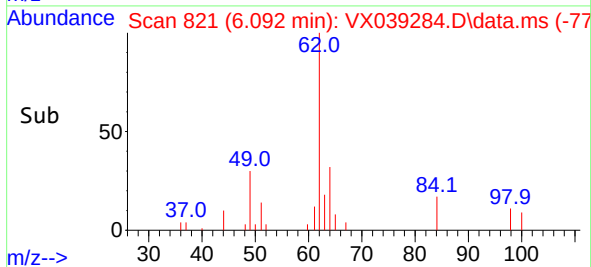
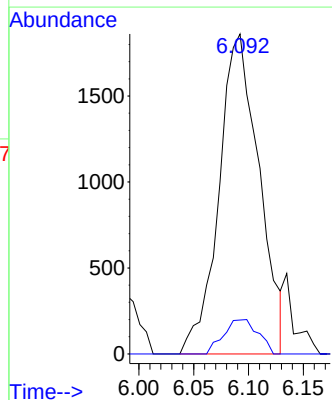
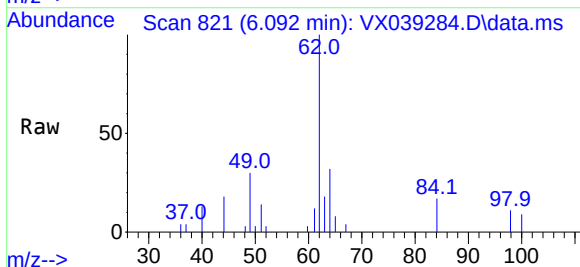
Acq: 16 Dec 2023 12:48

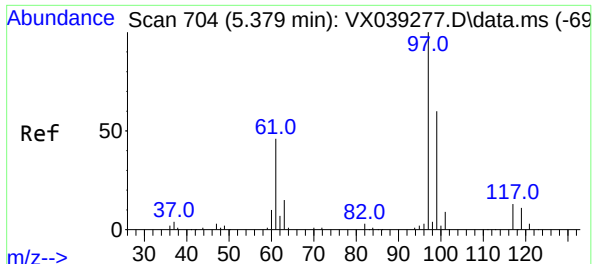
Tgt Ion: 62 Resp: 4738

Ion Ratio Lower Upper

62 100

98 10.6 8.0 12.0





#30

1,1,1-Trichloroethane

Concen: 6.941 ug/L

RT: 5.385 min Scan# 70

Delta R.T. 0.012 min

Lab File: VX039284.D

Acq: 16 Dec 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

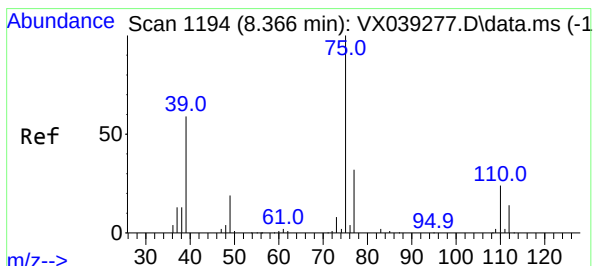
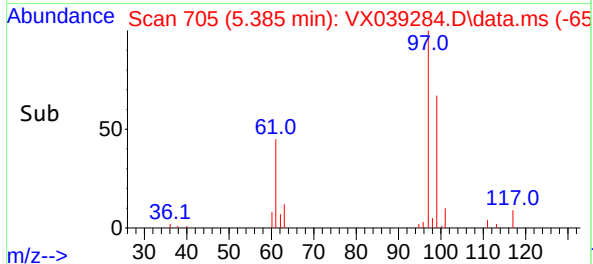
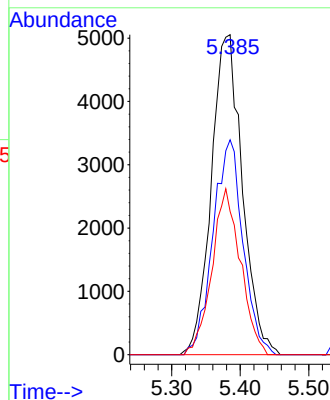
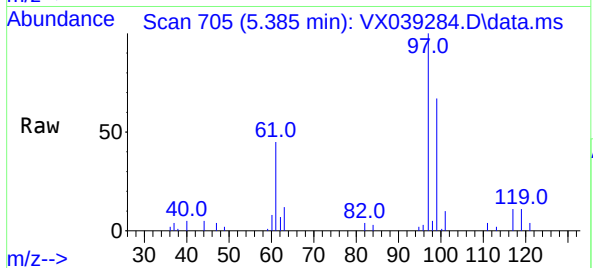
Tgt Ion: 97 Resp: 15882

Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.4

61 47.8 36.7 55.1



#39

cis-1,3-Dichloropropene

Concen: 1.141 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039284.D

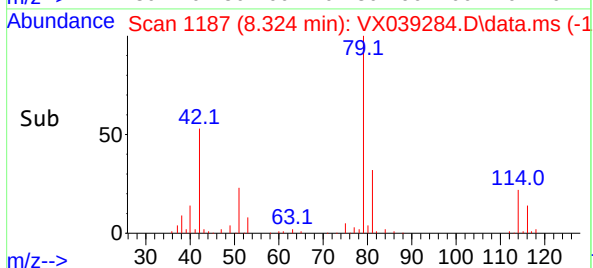
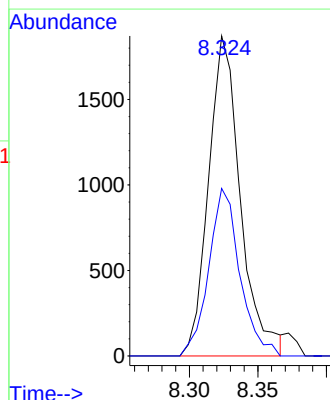
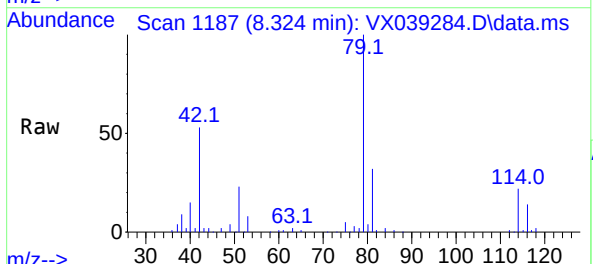
Acq: 16 Dec 2023 12:48

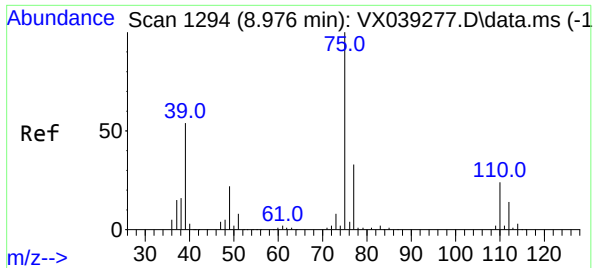
Tgt Ion: 75 Resp: 3025

Ion Ratio Lower Upper

75 100

77 52.4 22.0 40.8#





#44
trans-1,3-Dichloropropene
Concen: 0.866 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.019 min
Lab File: VX039284.D
Acq: 16 Dec 2023 12:48

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MSVOA_X
ClientSampleId :

Tgt Ion:	75	Resp:	2131
Ion	Ratio	Lower	Upper
75	100		
77	42.5	22.0	40.8#

