

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122723\
 Data File : VX039498.D
 Acq On : 27 Dec 2023 15:44
 Operator : JC/MD
 Sample : 05989-03DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 04:10:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 28 04:06:47 2023
 Response via : Initial Calibration

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

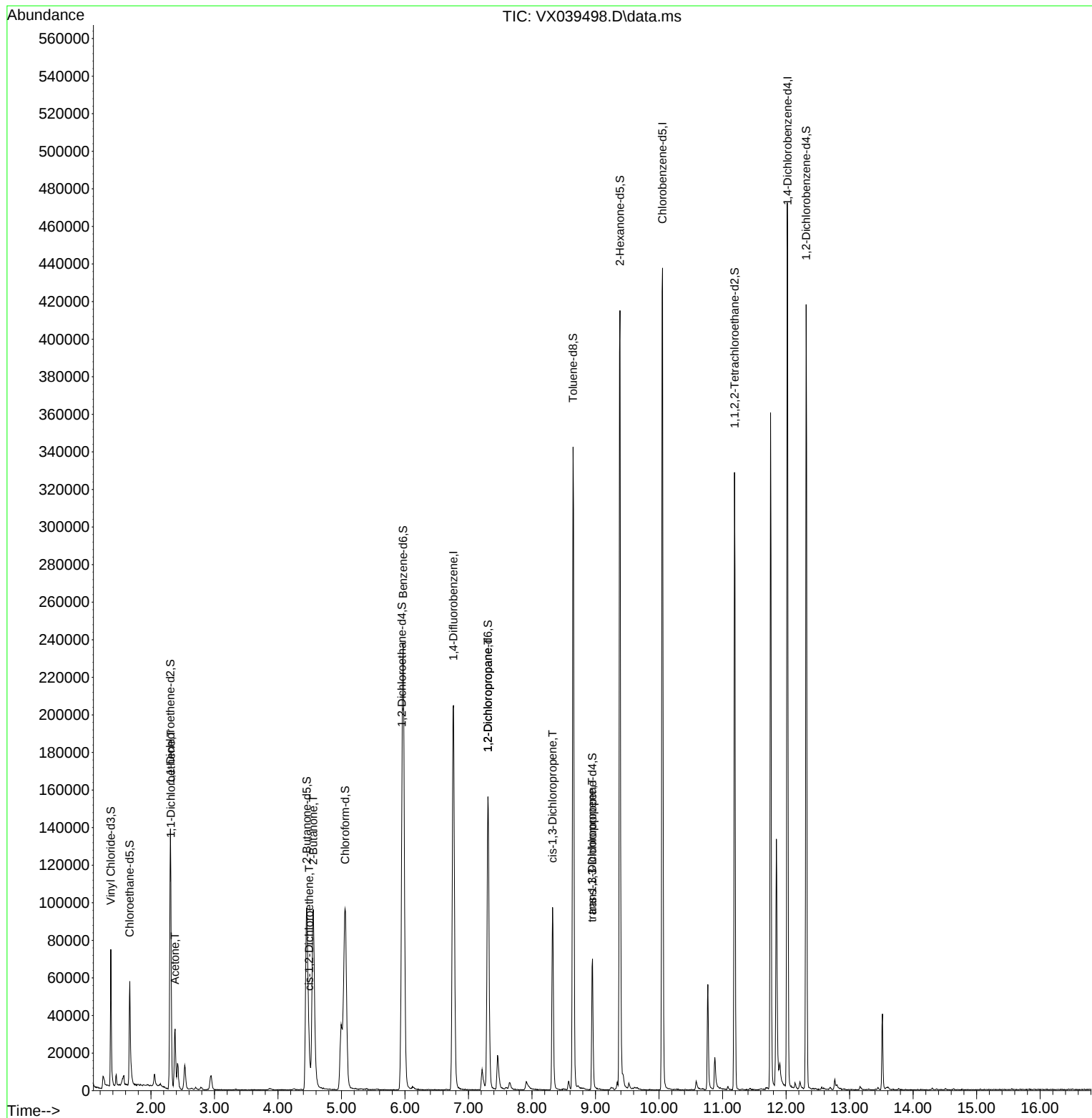
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	200371	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	186857	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	87498	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45808	29.147	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.300%#
7) Chloroethane-d5	1.666	69	39498	34.002	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.000%#
11) 1,1-Dichloroethene-d2	2.307	65	24546	35.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.160%
21) 2-Butanone-d5	4.452	46	169281	118.993	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.990%
24) Chloroform-d	5.056	84	117779	42.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.660%
26) 1,2-Dichloroethane-d4	5.952	65	81250	45.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.180%
32) Benzene-d6	5.971	84	225318	39.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.140%
36) 1,2-Dichloropropane-d6	7.306	67	77761	41.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.800%
41) Toluene-d8	8.647	98	195776	37.462	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.920%#
43) trans-1,3-Dichloroprop...	8.952	79	32256	34.154	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.300%
47) 2-Hexanone-d5	9.385	63	118443	106.855	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.850%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	123485	46.904	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.317	152	72858	44.053	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.100%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.313	96	526	0.407	ug/L #	1
13) Acetone	2.380	43	32774	23.981	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	3935	2.494	ug/L	97
22) 2-Butanone	4.556	43	167435	99.828	ug/L	99
37) 1,2-Dichloropropane	7.306	63	8982	5.454	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	2546	0.969	ug/L #	47
44) trans-1,3-Dichloropropene	8.946	75	1682	0.690	ug/L	87

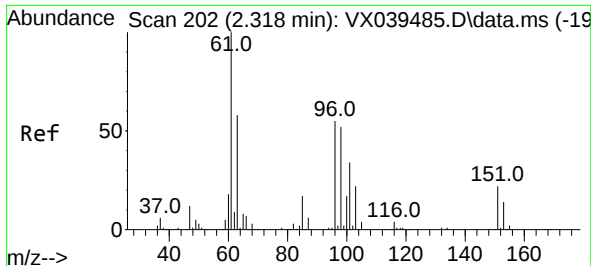
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

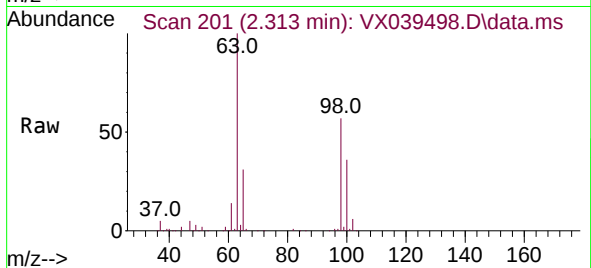
Quant Time: Dec 28 04:10:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 28 04:06:47 2023
Response via : Initial Calibration



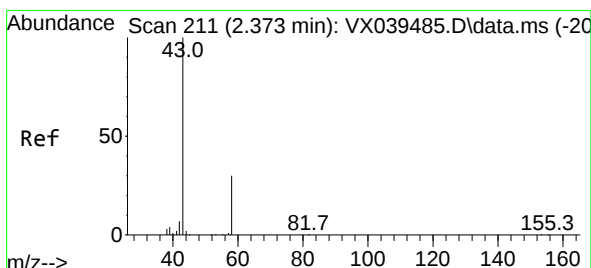
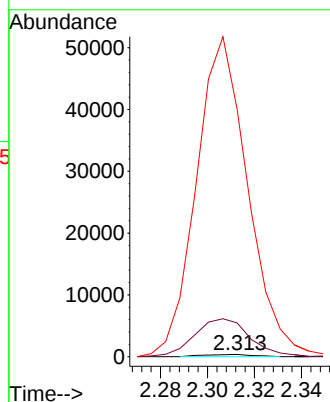
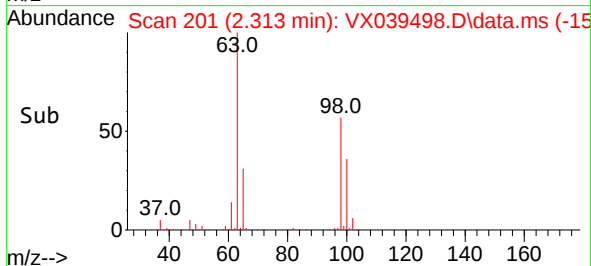


#12
 1,1-Dichloroethene
 Concen: 0.407 ug/L
 RT: 2.313 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VX039498.D
 Acq: 27 Dec 2023 15:44

Instrument :
 MSVOA_X
 ClientSampleId :

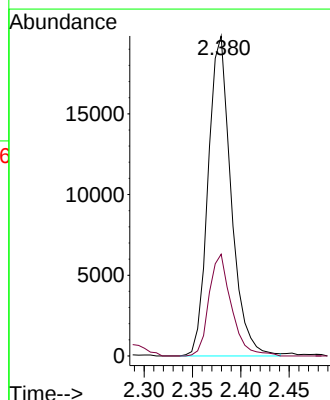
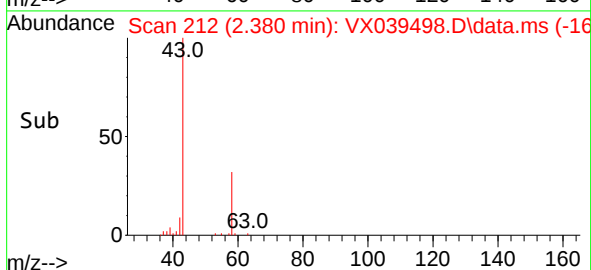
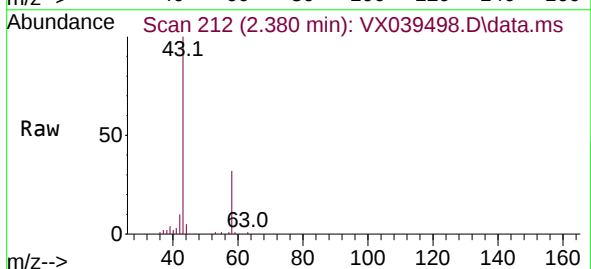


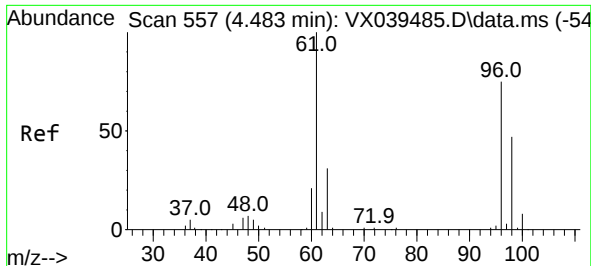
Tgt Ion: 96 Resp: 526
 Ion Ratio Lower Upper
 96 100
 61 1531.7 128.0 237.6#
 63 11236.0 101.5 188.5#



#13
 Acetone
 Concen: 23.981 ug/L
 RT: 2.380 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VX039498.D
 Acq: 27 Dec 2023 15:44

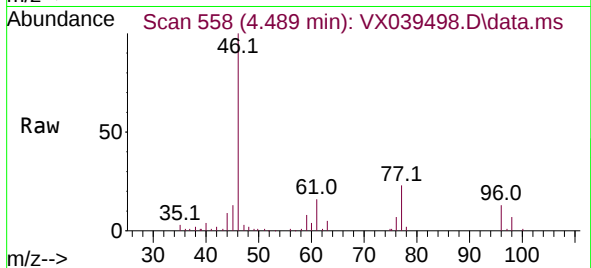
Tgt Ion: 43 Resp: 32774
 Ion Ratio Lower Upper
 43 100
 58 31.0 0.0 65.8





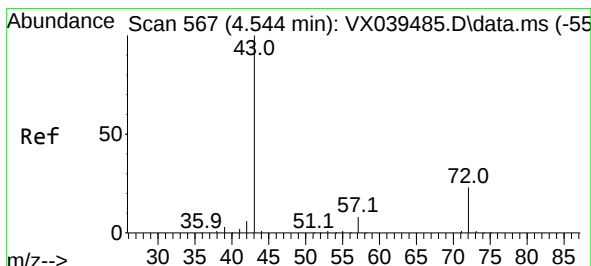
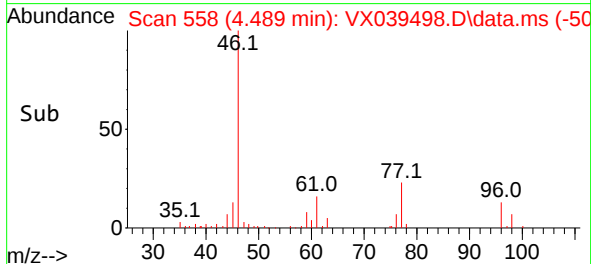
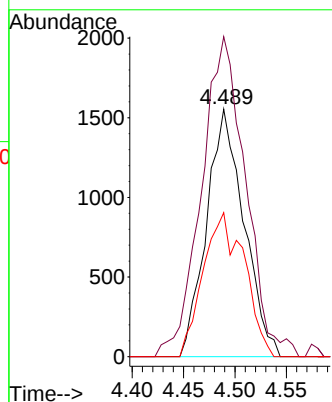
#20
 cis-1,2-Dichloroethene
 Concen: 2.494 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX039498.D
 Acq: 27 Dec 2023 15:44

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 96 Resp: 3935

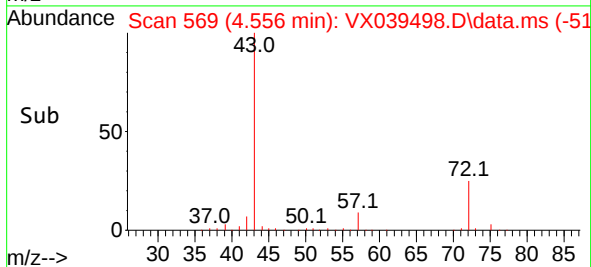
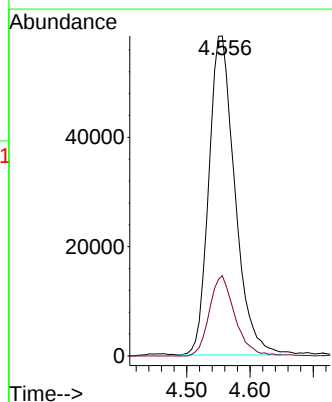
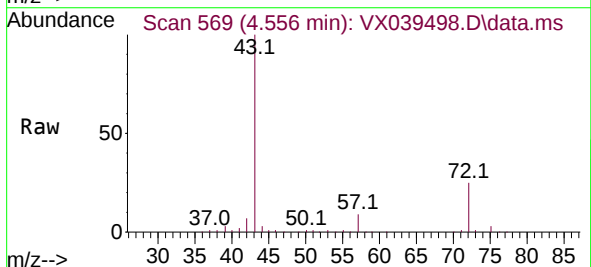
Ion	Ratio	Lower	Upper
96	100		
61	129.3	91.7	170.3
98	58.2	44.2	82.2

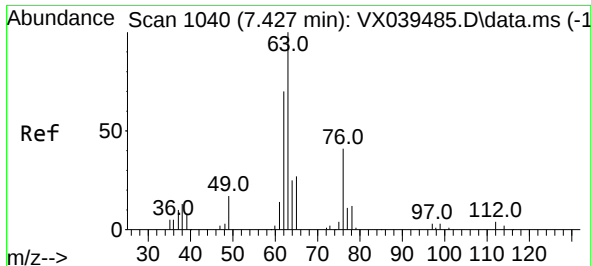


#22
 2-Butanone
 Concen: 99.828 ug/L
 RT: 4.556 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: VX039498.D
 Acq: 27 Dec 2023 15:44

Tgt Ion: 43 Resp: 167435

Ion	Ratio	Lower	Upper
43	100		
72	24.6	12.6	37.6





#37

1,2-Dichloropropane

Concen: 5.454 ug/L

RT: 7.306 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX039498.D

Acq: 27 Dec 2023 15:44

Instrument :

MSVOA_X

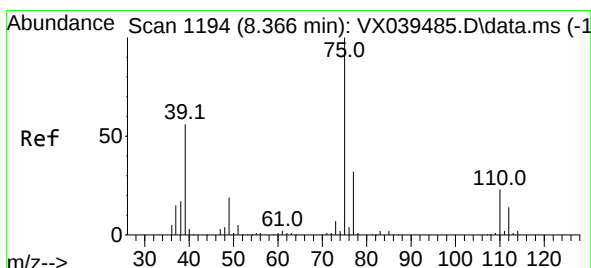
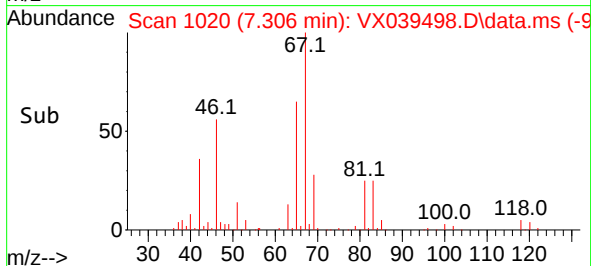
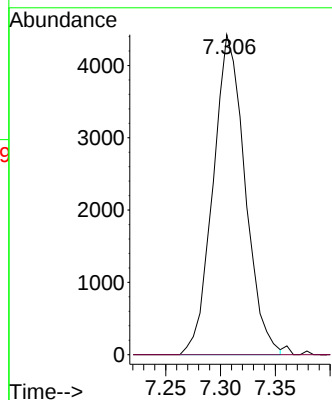
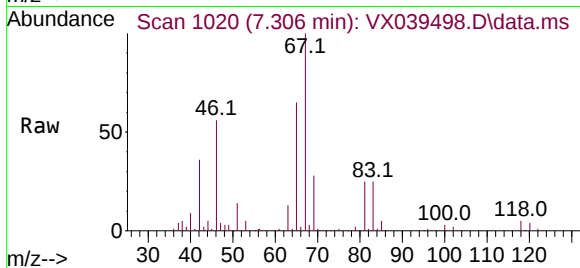
ClientSampleId :

Tgt Ion: 63 Resp: 8982

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.969 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.042 min

Lab File: VX039498.D

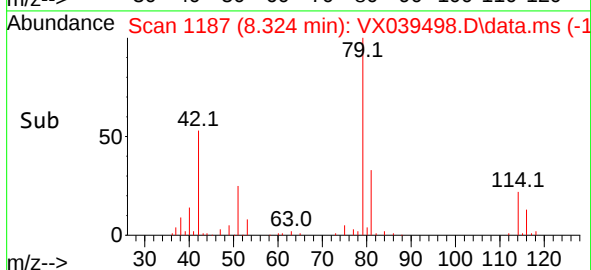
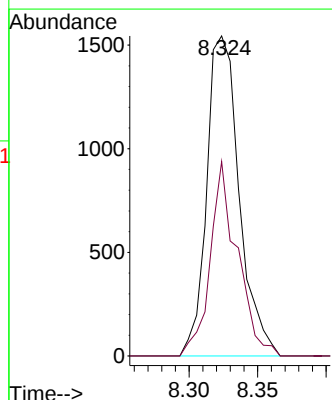
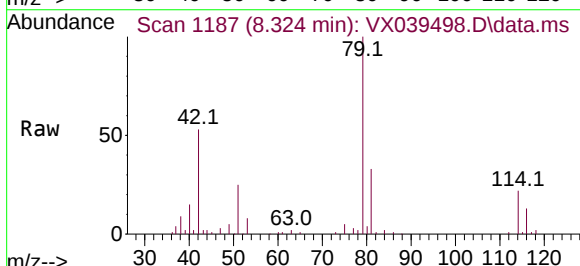
Acq: 27 Dec 2023 15:44

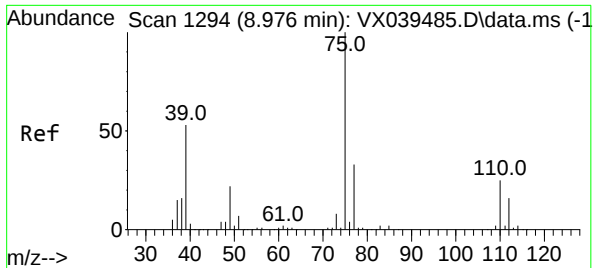
Tgt Ion: 75 Resp: 2546

Ion Ratio Lower Upper

75 100

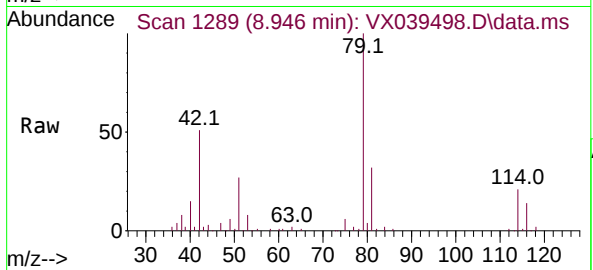
77 60.8 22.0 40.8#





#44
 trans-1,3-Dichloropropene
 Concen: 0.690 ug/L
 RT: 8.946 min Scan# 11
 Delta R.T. -0.030 min
 Lab File: VX039498.D
 Acq: 27 Dec 2023 15:44

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 1682
 Ion Ratio Lower Upper
 75 100
 77 38.5 22.0 40.8

