

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122723\
 Data File : VX039497.D
 Acq On : 27 Dec 2023 15:21
 Operator : JC/MD
 Sample : 05989-02DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 04:10:04 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)

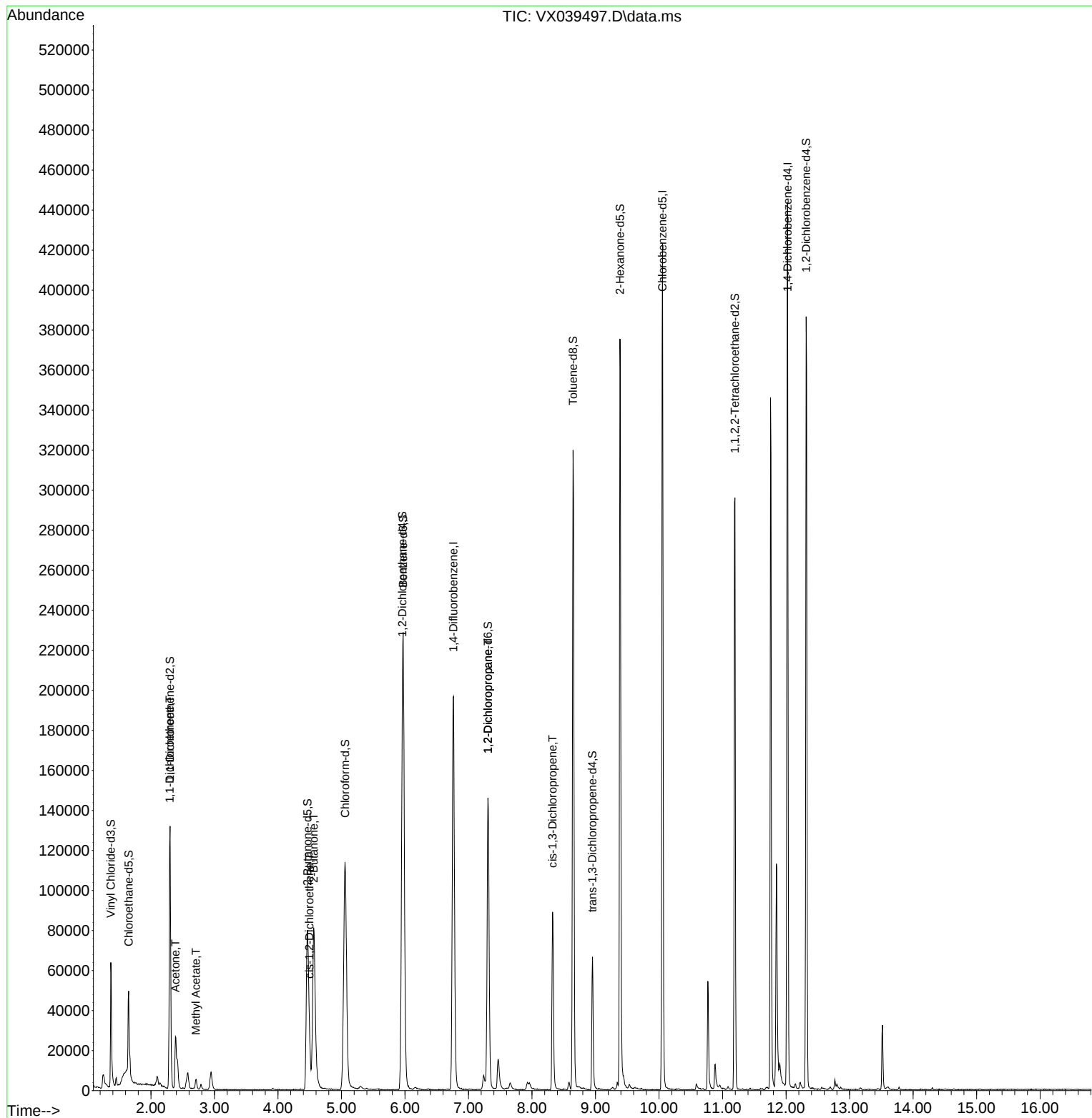
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	193708	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	177108	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	85593	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45145	29.714	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.420%#
7) Chloroethane-d5	1.648	69	26440	23.544	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.080%#
11) 1,1-Dichloroethene-d2	2.300	65	23800	35.686	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.380%
21) 2-Butanone-d5	4.465	46	145091	105.497	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.500%
24) Chloroform-d	5.056	84	111766	41.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.120%
26) 1,2-Dichloroethane-d4	5.958	65	76220	43.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.520%
32) Benzene-d6	5.970	84	215550	39.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.880%
36) 1,2-Dichloropropane-d6	7.306	67	73039	41.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.040%
41) Toluene-d8	8.647	98	185993	37.549	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.100%#
43) trans-1,3-Dichloroprop...	8.952	79	30628	34.216	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.440%
47) 2-Hexanone-d5	9.384	63	107784	102.591	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.590%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	119558	47.912	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.820%
66) 1,2-Dichlorobenzene-d4	12.317	152	71446	44.161	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.320%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.294	96	526	0.422	ug/L #	1
13) Acetone	2.386	43	28352	21.459	ug/L	100
15) Methyl Acetate	2.709	43	5631	2.982	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	3708	2.431	ug/L	85
22) 2-Butanone	4.562	43	150951	93.095	ug/L	100
37) 1,2-Dichloropropane	7.306	63	8206	5.257	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	2270	0.912	ug/L #	62

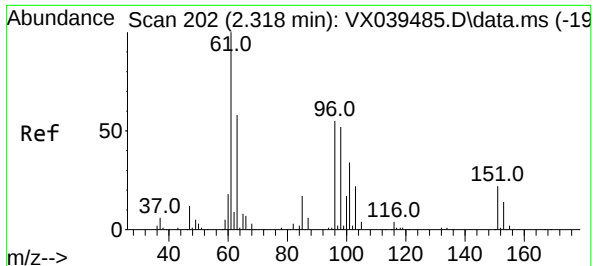
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

Quant Time: Dec 28 04:10:04 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: 0.422 ug/L

RT: 2.294 min Scan# 198

Delta R.T. -0.024 min

Lab File: VX039497.D

Acq: 27 Dec 2023 15:21

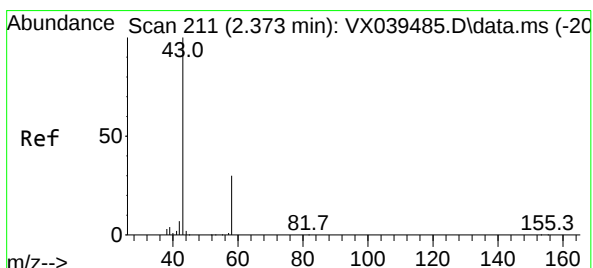
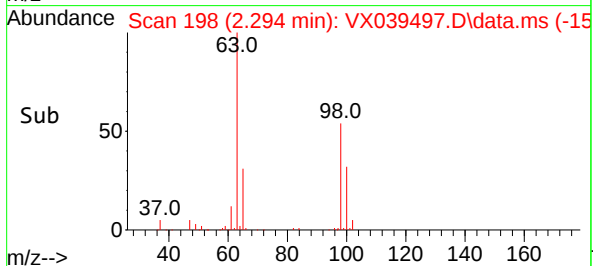
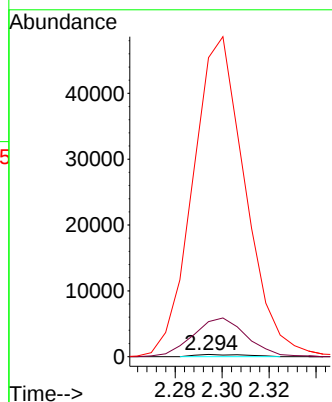
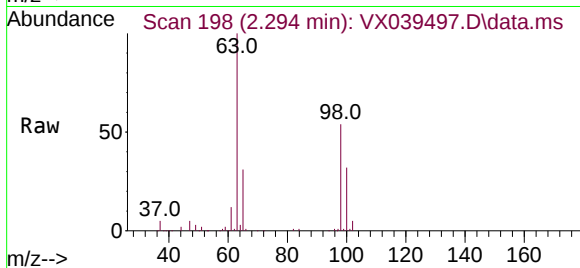
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 526

Ion	Ratio	Lower	Upper
96	100		
61	998.9	128.0	237.6#
63	8523.8	101.5	188.5#



#13

Acetone

Concen: 21.459 ug/L

RT: 2.386 min Scan# 213

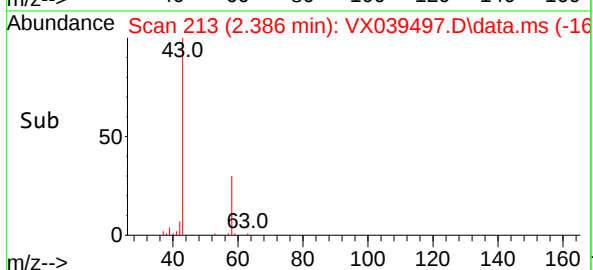
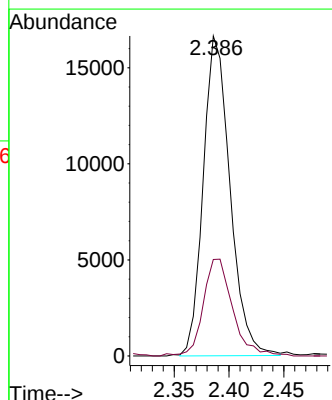
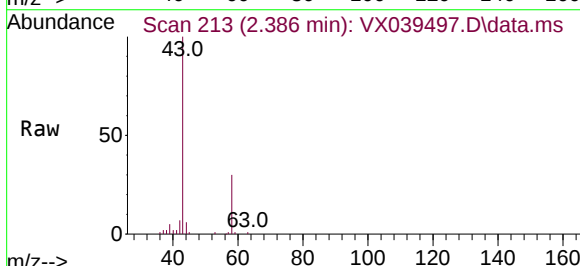
Delta R.T. 0.012 min

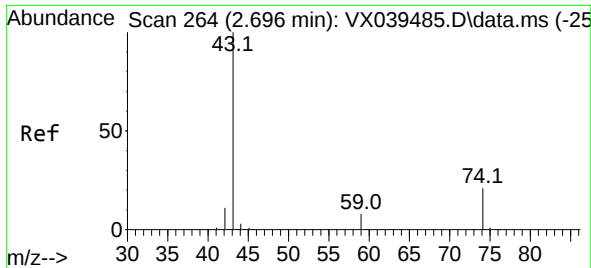
Lab File: VX039497.D

Acq: 27 Dec 2023 15:21

Tgt Ion: 43 Resp: 28352

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	65.8

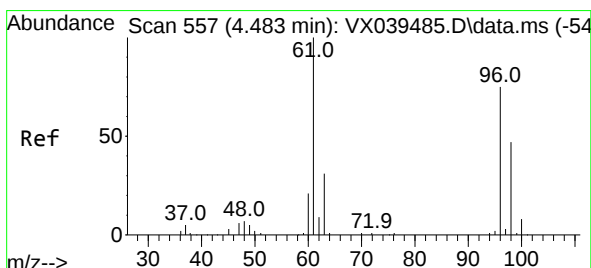
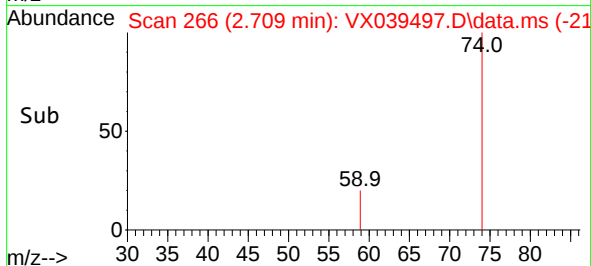
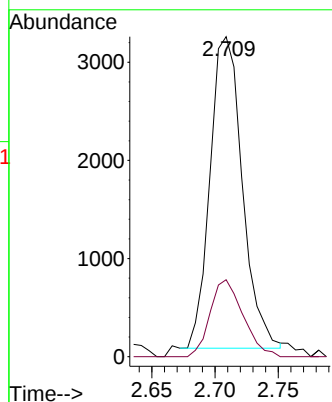
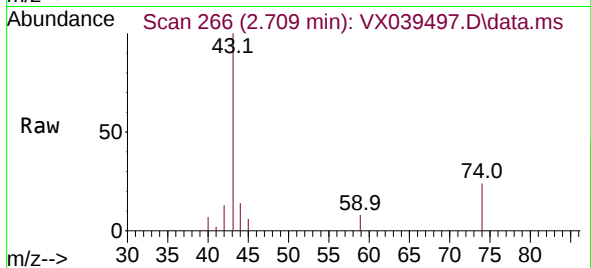




#15
Methyl Acetate
Concen: 2.982 ug/L
RT: 2.709 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX039497.D
Acq: 27 Dec 2023 15:21

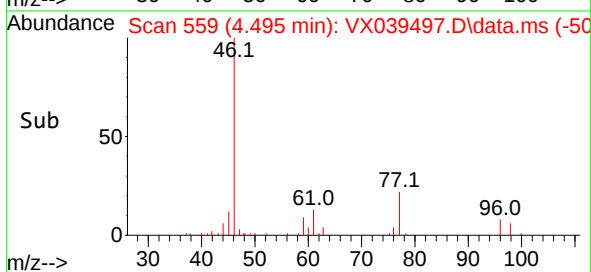
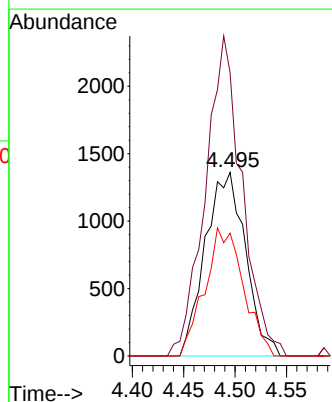
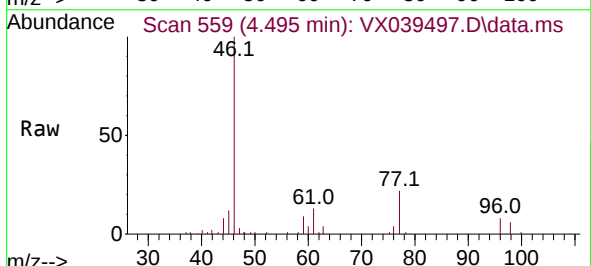
Instrument :
MSVOA_X
ClientSampleId :

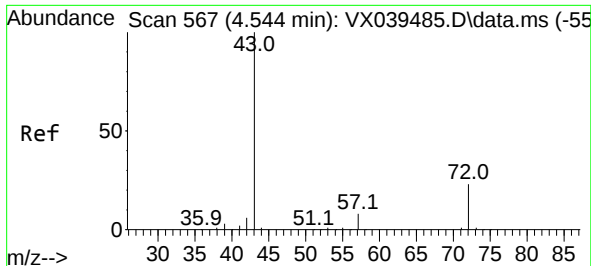
Tgt Ion: 43 Resp: 5631
Ion Ratio Lower Upper
43 100
74 25.1 18.2 27.4



#20
cis-1,2-Dichloroethene
Concen: 2.431 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX039497.D
Acq: 27 Dec 2023 15:21

Tgt Ion: 96 Resp: 3708
Ion Ratio Lower Upper
96 100
61 154.2 91.7 170.3
98 66.9 44.2 82.2

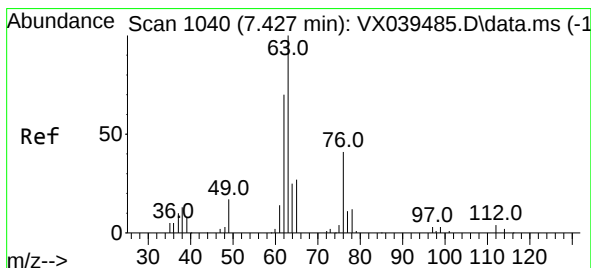
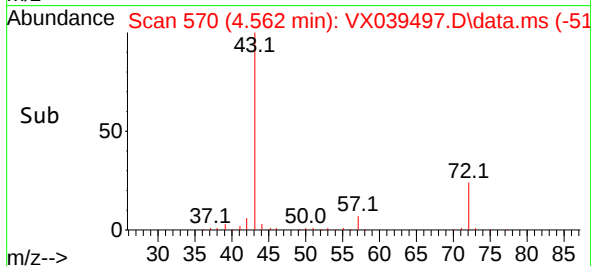
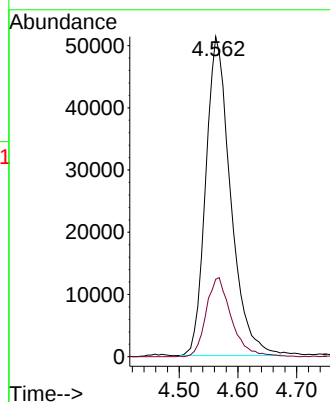
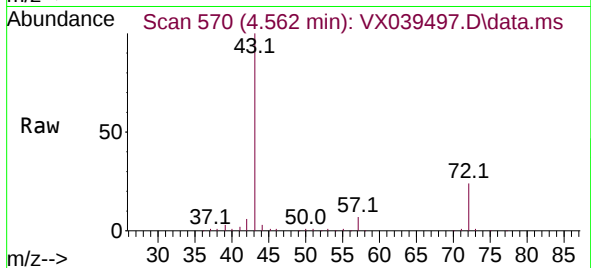




#22
2-Butanone
Concen: 93.095 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX039497.D
Acq: 27 Dec 2023 15:21

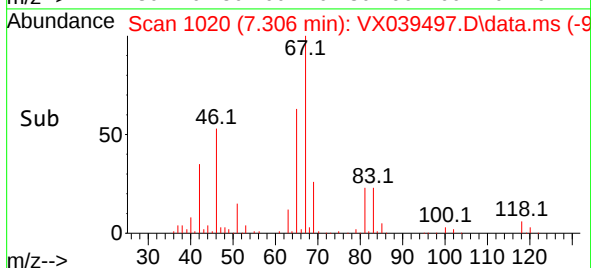
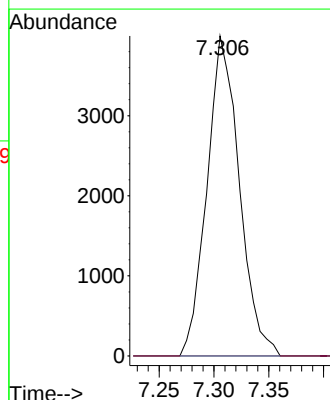
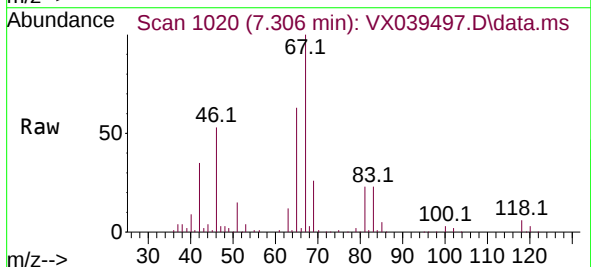
Instrument :
MSVOA_X
ClientSampleId :

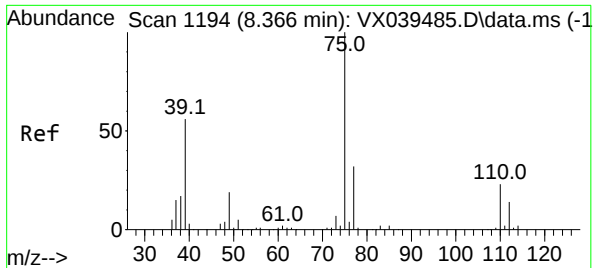
Tgt Ion: 43 Resp: 150951
Ion Ratio Lower Upper
43 100
72 25.2 12.6 37.6



#37
1,2-Dichloropropane
Concen: 5.257 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX039497.D
Acq: 27 Dec 2023 15:21

Tgt Ion: 63 Resp: 8206
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39
 cis-1,3-Dichloropropene
 Concen: 0.912 ug/L
 RT: 8.324 min Scan# 11
 Delta R.T. -0.043 min
 Lab File: VX039497.D
 Acq: 27 Dec 2023 15:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 2270
 Ion Ratio Lower Upper
 75 100
 77 52.4 22.0 40.8#

