

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039293.D
 Acq On : 16 Dec 2023 16:16
 Operator : JC/MD
 Sample : 05845-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE6

Quant Time: Dec 16 21:13:12 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)

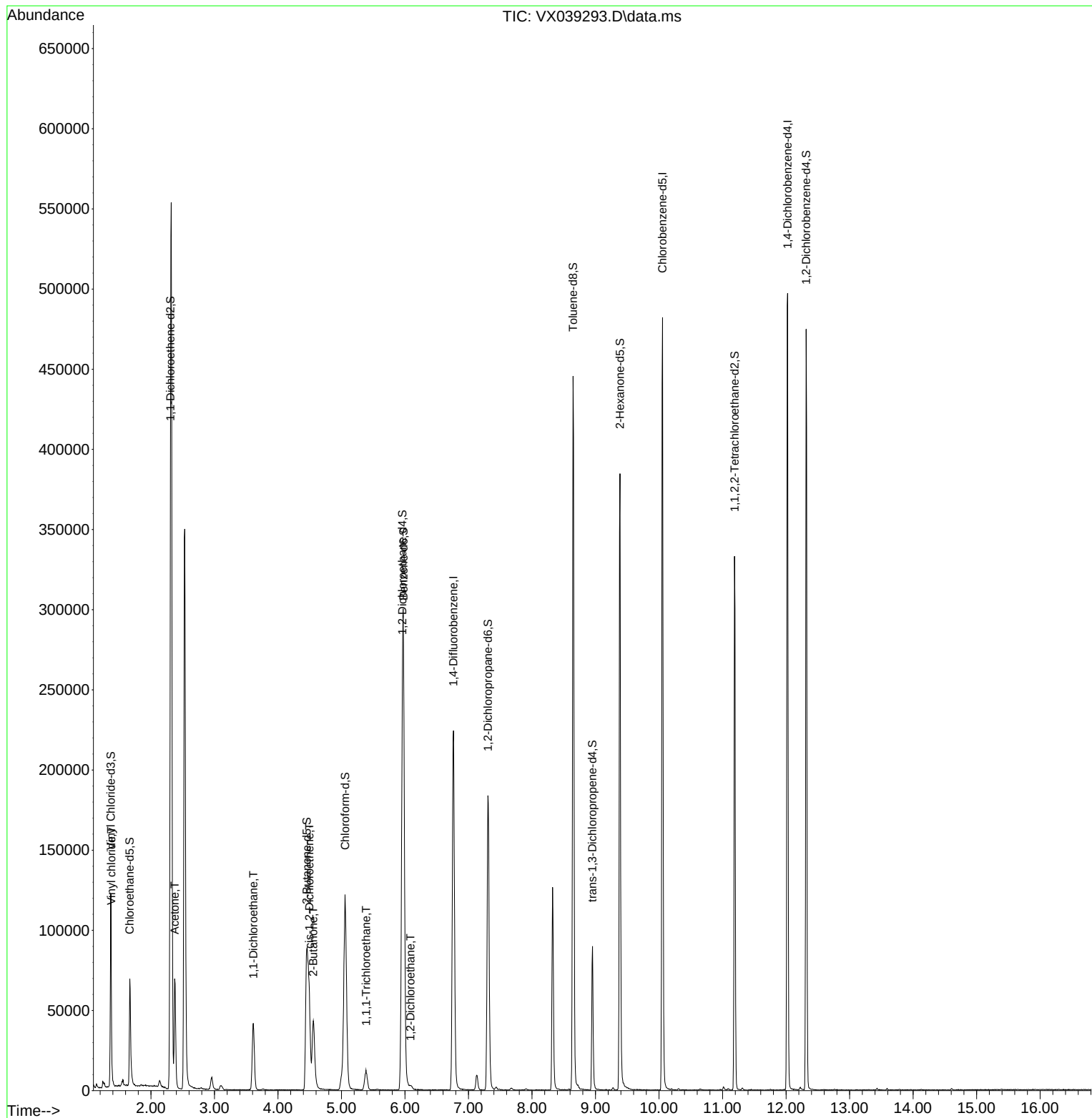
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	217723	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	201568	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96385	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68072	39.862	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.720%
7) Chloroethane-d5	1.666	69	52471	41.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.140%
11) 1,1-Dichloroethene-d2	2.307	65	34958	46.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
21) 2-Butanone-d5	4.452	46	148353	95.971	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.970%
24) Chloroform-d	5.056	84	142827	47.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.500%
26) 1,2-Dichloroethane-d4	5.958	65	97884	49.997	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.000%
32) Benzene-d6	5.977	84	289852	46.594	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
36) 1,2-Dichloropropane-d6	7.306	67	93245	46.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.160%
41) Toluene-d8	8.647	98	257824	45.734	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.460%
43) trans-1,3-Dichloroprop...	8.952	79	41864	41.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.180%
47) 2-Hexanone-d5	9.385	63	104794	87.641	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.640%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128871	45.377	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.760%
66) 1,2-Dichlorobenzene-d4	12.317	152	85527	46.945	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.900%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	8628	4.824	ug/L	89
13) Acetone	2.374	43	70326	47.357	ug/L	96
19) 1,1-Dichloroethane	3.611	63	47304	16.188	ug/L	96
20) cis-1,2-Dichloroethene	4.495	96	27550	16.072	ug/L	96
22) 2-Butanone	4.556	43	77833	42.707	ug/L	100
27) 1,2-Dichloroethane	6.086	62	2600	1.130	ug/L #	93
30) 1,1,1-Trichloroethane	5.385	97	10947	4.476	ug/L	96

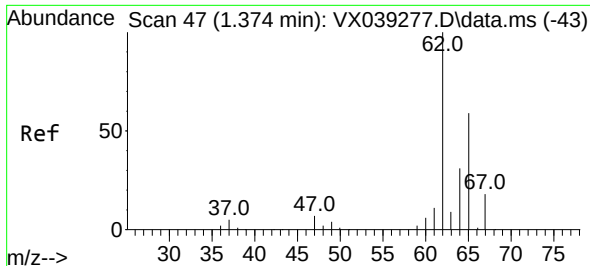
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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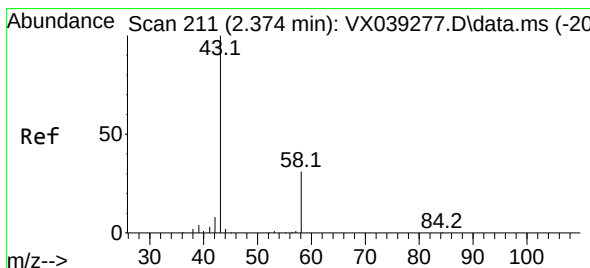
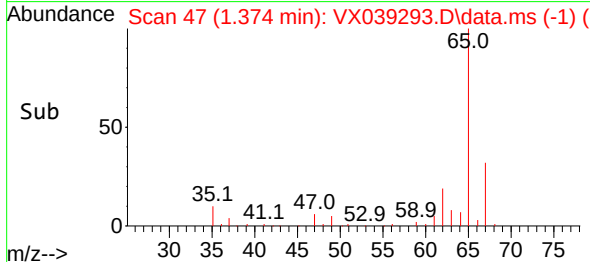
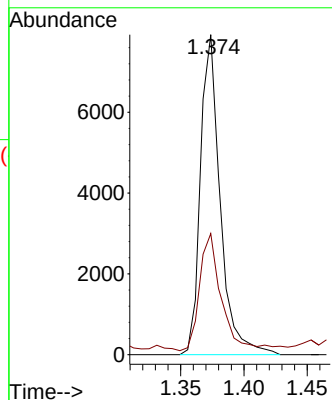
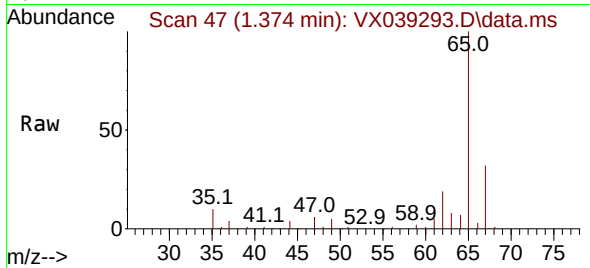




#5
 Vinyl chloride
 Concen: 4.824 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039293.D
 Acq: 16 Dec 2023 16:16

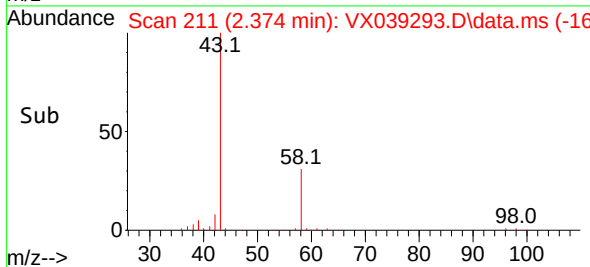
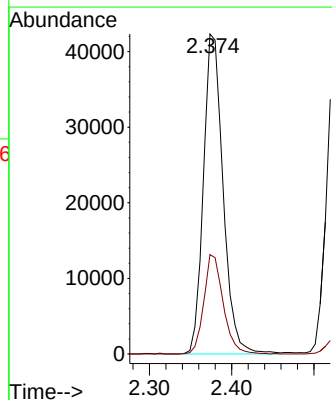
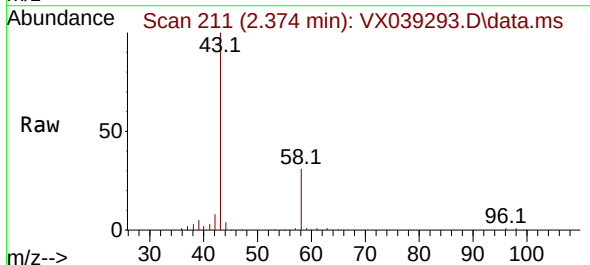
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE6

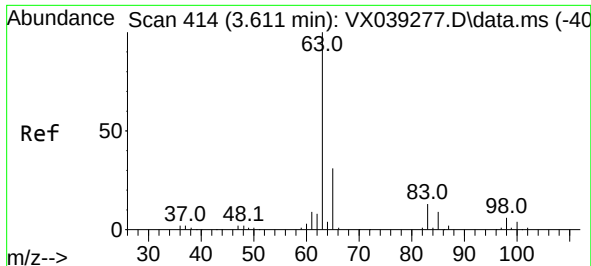
Tgt Ion: 62 Resp: 8628
 Ion Ratio Lower Upper
 62 100
 64 37.8 22.3 41.3



#13
 Acetone
 Concen: 47.357 ug/L
 RT: 2.374 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VX039293.D
 Acq: 16 Dec 2023 16:16

Tgt Ion: 43 Resp: 70326
 Ion Ratio Lower Upper
 43 100
 58 30.5 0.0 65.8

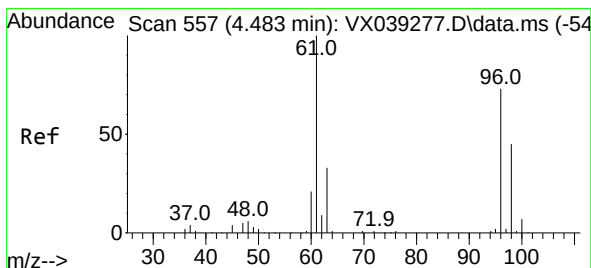
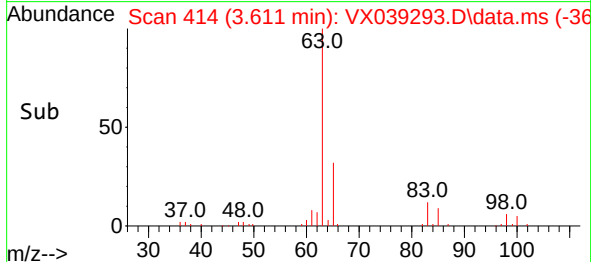
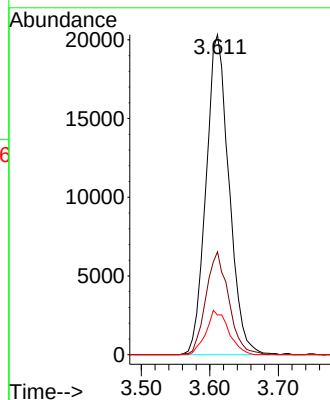
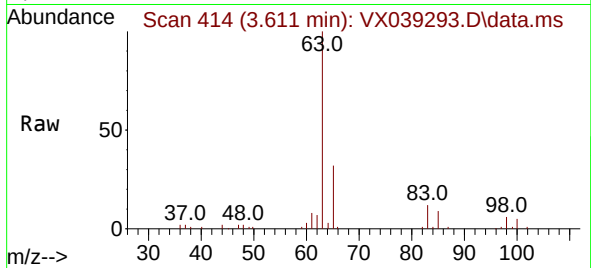




#19
1,1-Dichloroethane
Concen: 16.188 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039293.D
Acq: 16 Dec 2023 16:16

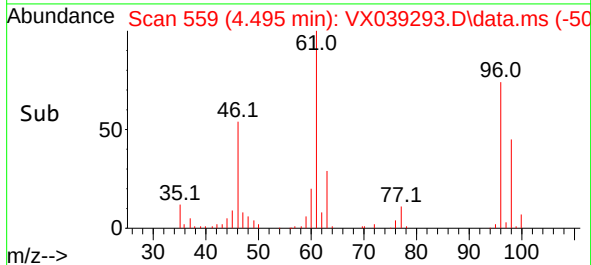
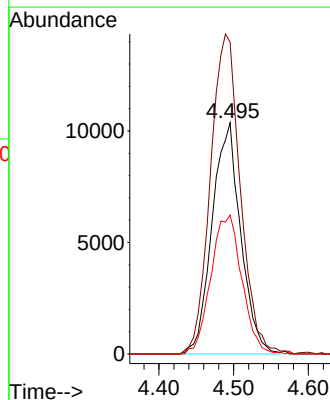
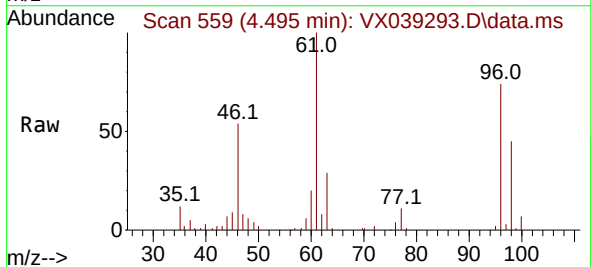
Instrument :
MSVOA_X
ClientSampleId :
YCHE6

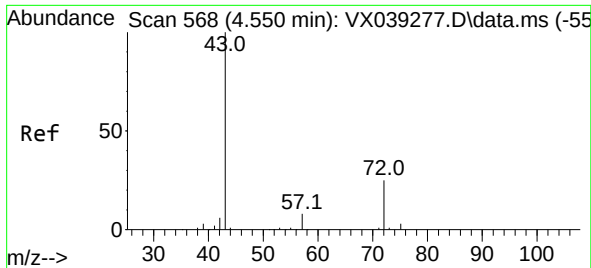
Tgt Ion:	63	Resp:	47304
Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.1	39.3
83	12.4	9.7	17.9



#20
cis-1,2-Dichloroethene
Concen: 16.072 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX039293.D
Acq: 16 Dec 2023 16:16

Tgt Ion:	96	Resp:	27550
Ion	Ratio	Lower	Upper
96	100		
61	134.8	91.7	170.3
98	60.1	44.2	82.2

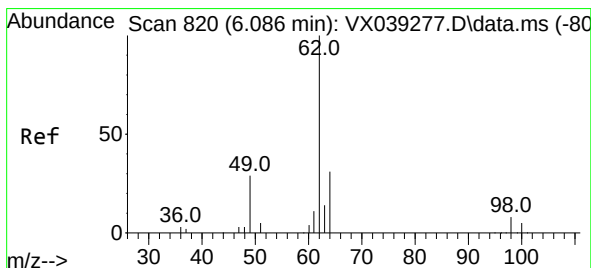
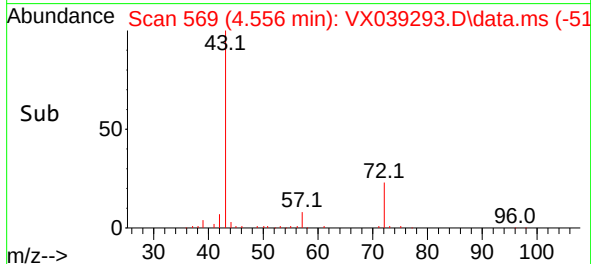
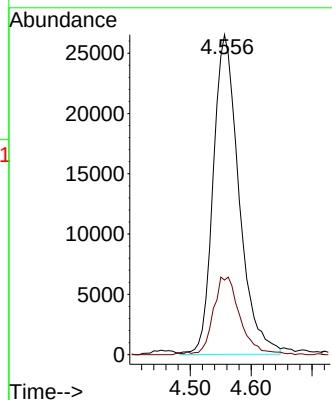
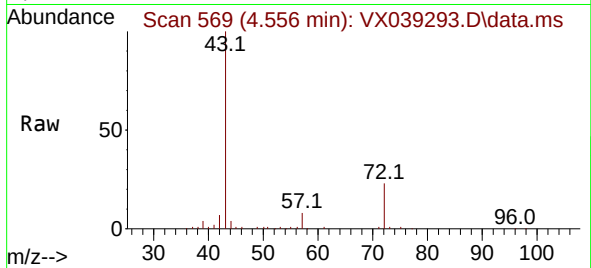




#22
2-Butanone
Concen: 42.707 ug/L
RT: 4.556 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX039293.D
Acq: 16 Dec 2023 16:16

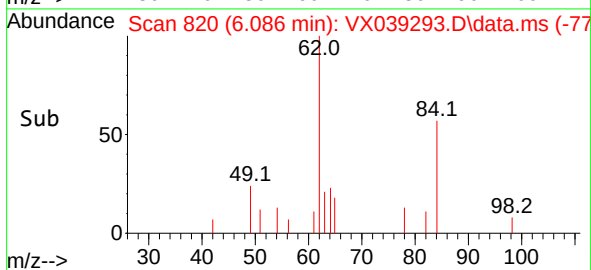
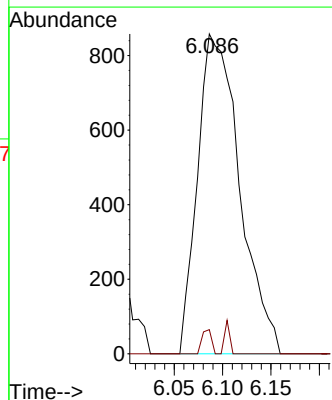
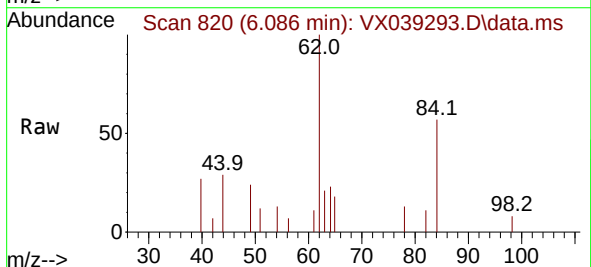
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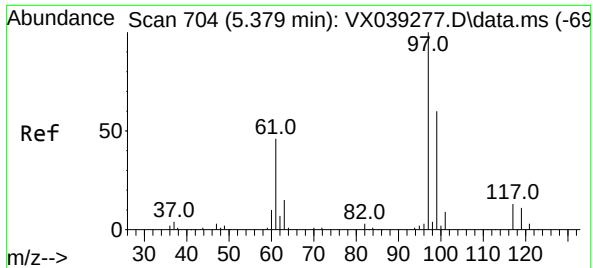
Tgt Ion: 43 Resp: 77833
Ion Ratio Lower Upper
43 100
72 25.1 12.6 37.6



#27
1,2-Dichloroethane
Concen: 1.130 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039293.D
Acq: 16 Dec 2023 16:16

Tgt Ion: 62 Resp: 2600
Ion Ratio Lower Upper
62 100
98 7.6 8.0 12.0#





#30
 1,1,1-Trichloroethane
 Concen: 4.476 ug/L
 RT: 5.385 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VX039293.D
 Acq: 16 Dec 2023 16:16

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE6

Tgt Ion: 97 Resp: 10947
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.0 76.4
 61 51.2 36.7 55.1

