

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039261.D
 Acq On : 16 Dec 2023 03:54
 Operator : JC/MD
 Sample : 05845-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE2

Quant Time: Dec 16 04:21:49 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)

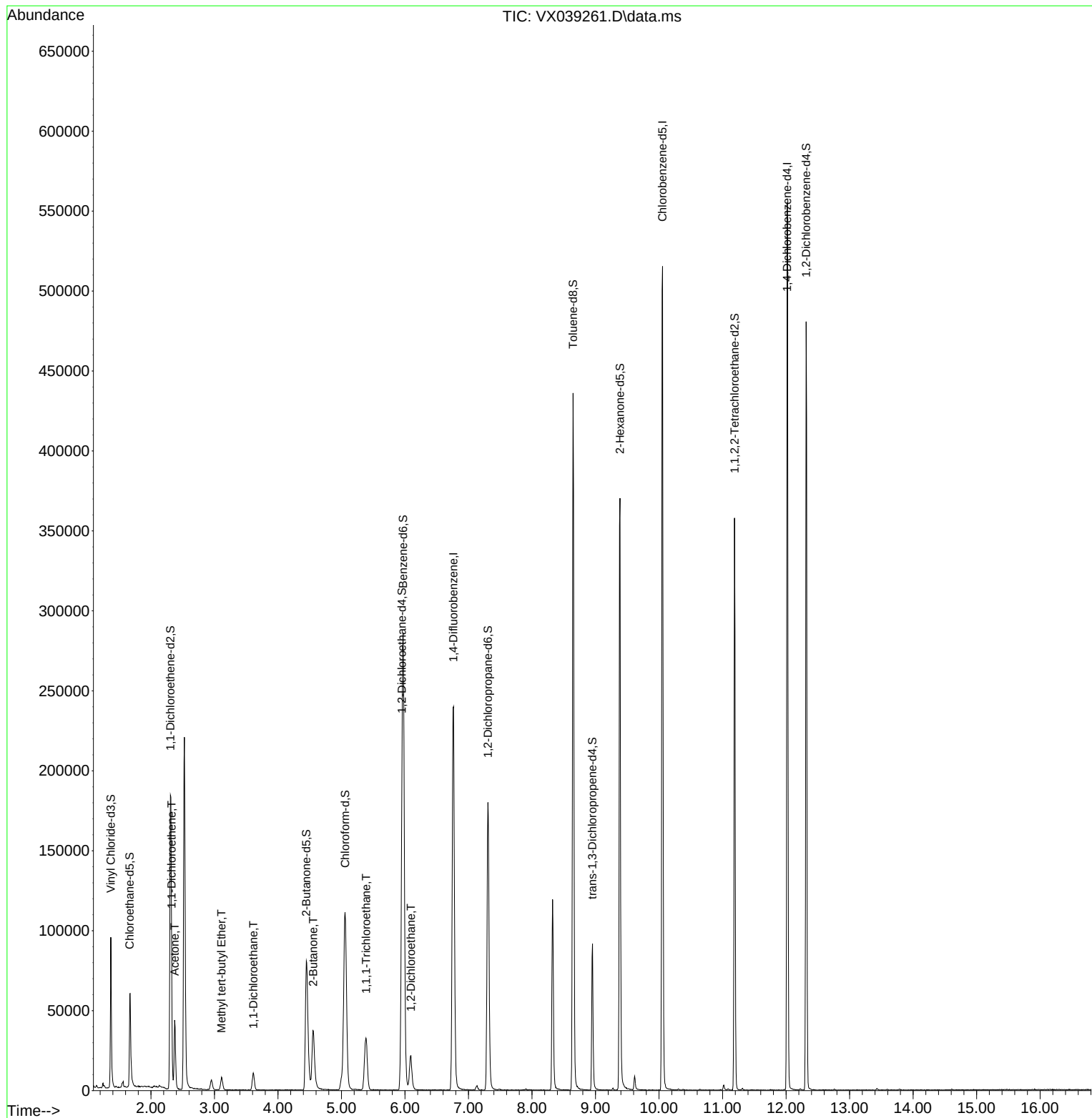
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	237014	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	220113	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	102428	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58880	31.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.340%
7) Chloroethane-d5	1.666	69	47404	34.499	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.000%#
11) 1,1-Dichloroethene-d2	2.307	65	31554	38.667	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.340%
21) 2-Butanone-d5	4.446	46	144291	85.746	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.750%
24) Chloroform-d	5.056	84	139421	42.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.740%
26) 1,2-Dichloroethane-d4	5.952	65	96851	45.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.880%
32) Benzene-d6	5.970	84	277103	40.792	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.580%
36) 1,2-Dichloropropane-d6	7.306	67	90920	41.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.180%
41) Toluene-d8	8.647	98	246568	40.052	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.100%
43) trans-1,3-Dichloroprop...	8.952	79	41857	37.624	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.240%
47) 2-Hexanone-d5	9.384	63	104244	79.836	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.840%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	132000	42.563	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.120%
66) 1,2-Dichlorobenzene-d4	12.317	152	87206	45.043	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.080%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	12300	8.056	ug/L #	53
13) Acetone	2.374	43	44390	27.459	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	8134	1.453	ug/L	95
19) 1,1-Dichloroethane	3.611	63	12304	3.868	ug/L	97
22) 2-Butanone	4.556	43	66399	33.468	ug/L	99
27) 1,2-Dichloroethane	6.092	62	23714	9.470	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	31290	11.716	ug/L #	78

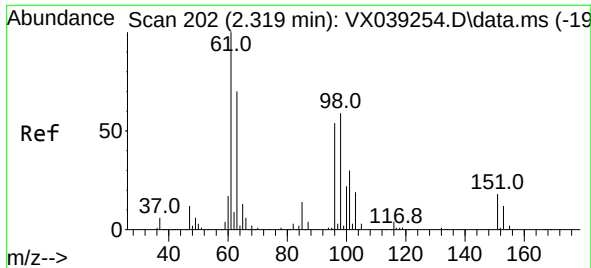
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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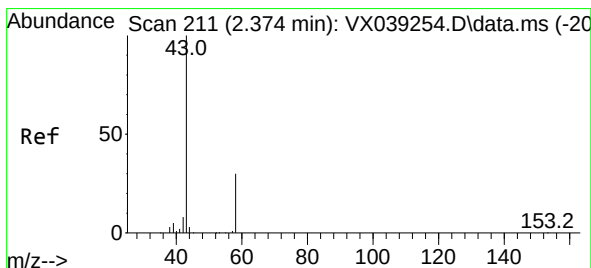
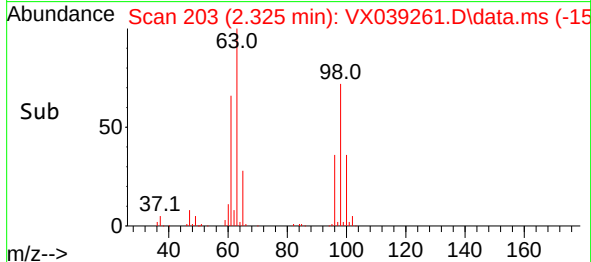
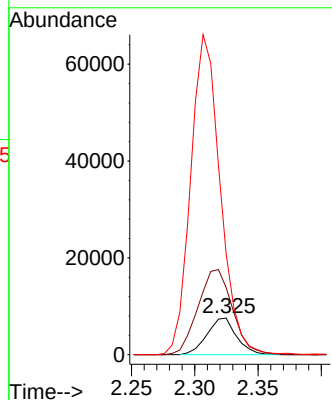
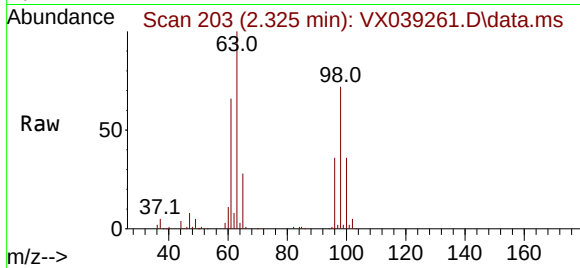




#12
1,1-Dichloroethene
Concen: 8.056 ug/L
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54

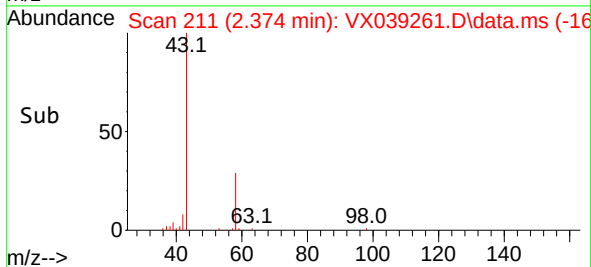
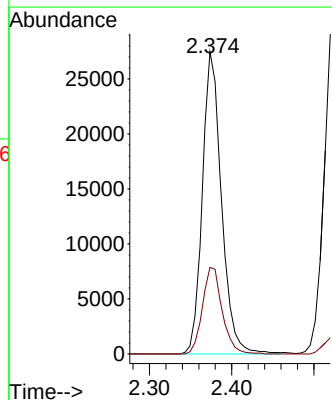
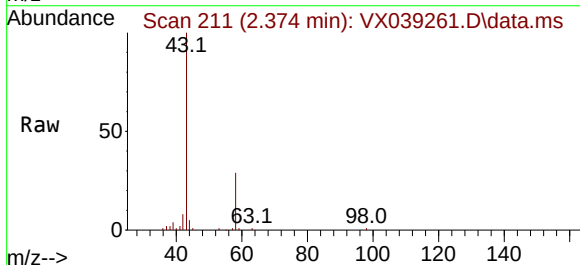
Instrument :
MSVOA_X
ClientSampleId :
YCHE2

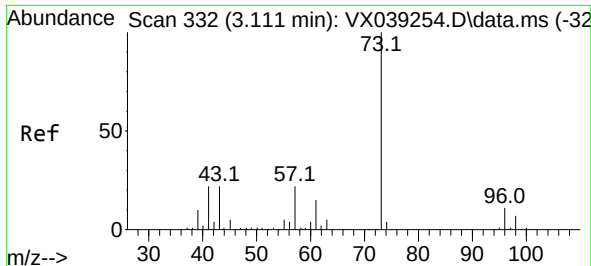
Tgt Ion: 96 Resp: 12300
Ion Ratio Lower Upper
96 100
61 183.6 128.0 237.6
63 276.1 101.5 188.5#



#13
Acetone
Concen: 27.459 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54

Tgt Ion: 43 Resp: 44390
Ion Ratio Lower Upper
43 100
58 29.4 0.0 65.8

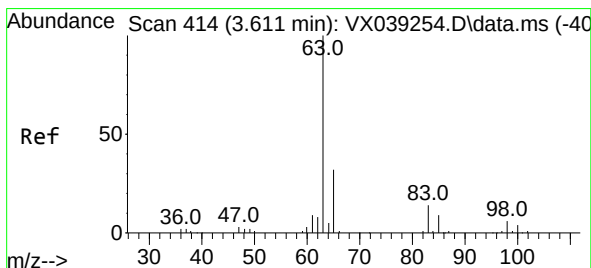
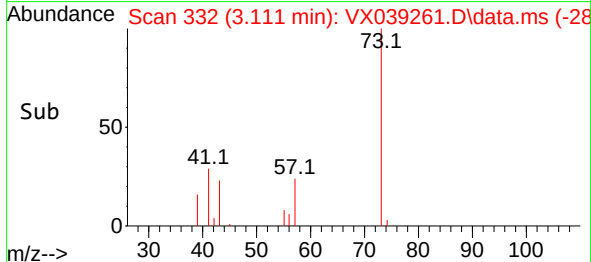
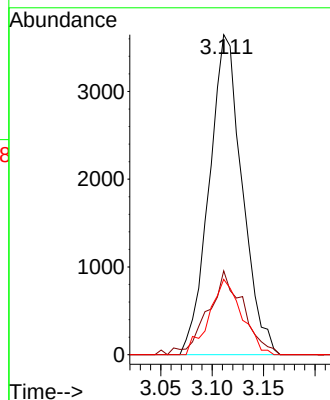
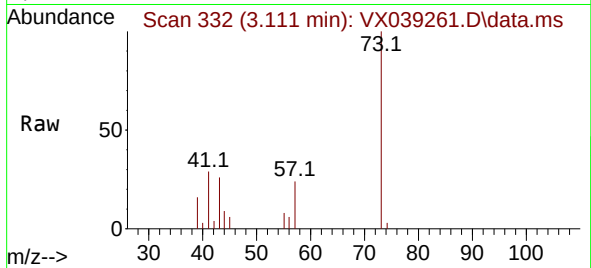




#18
Methyl tert-butyl Ether
Concen: 1.453 ug/L
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54

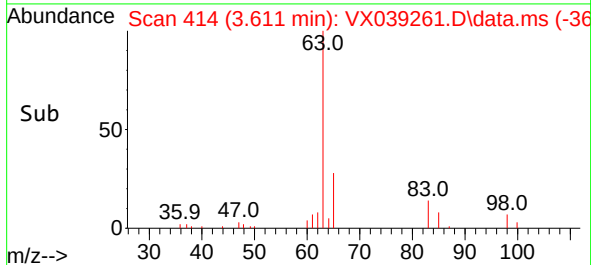
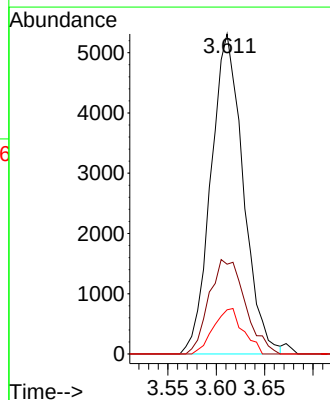
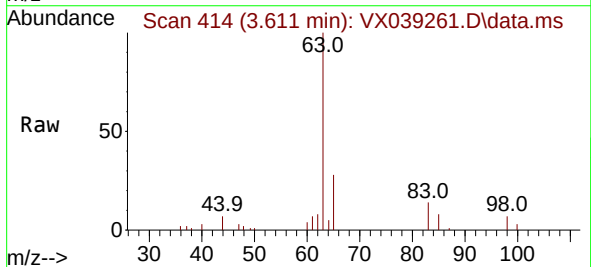
Instrument :
MSVOA_X
ClientSampleId :
YCHE2

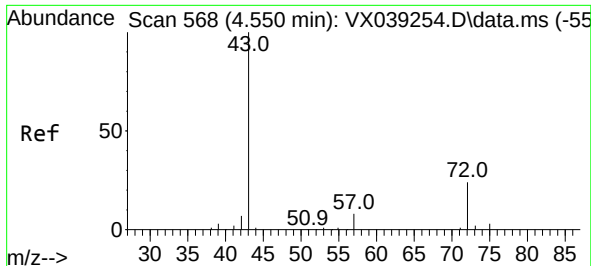
Tgt Ion: 73	Resp:	8134	
Ion	Ratio	Lower	Upper
73	100		
43	18.0	16.9	25.3
57	21.5	18.5	27.7



#19
1,1-Dichloroethane
Concen: 3.868 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54

Tgt Ion: 63	Resp:	12304	
Ion Ratio	Lower	Upper	
63	100		
65	28.1	21.1	39.3
83	13.8	9.7	17.9

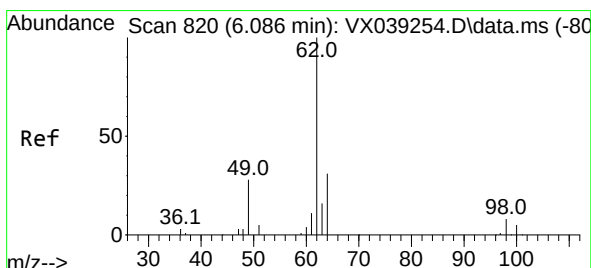
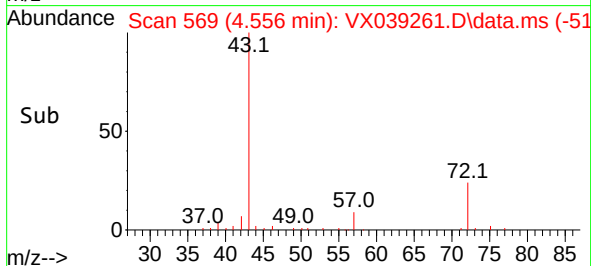
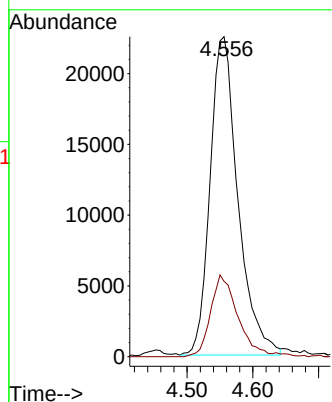
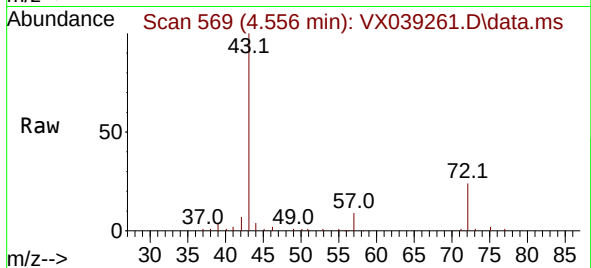




#22
2-Butanone
Concen: 33.468 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54

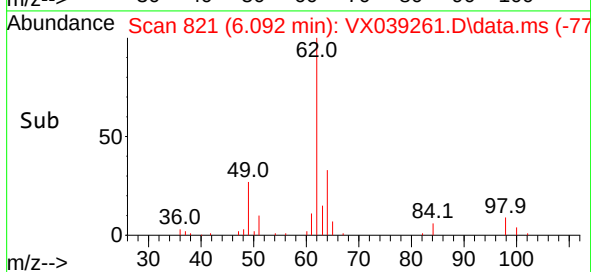
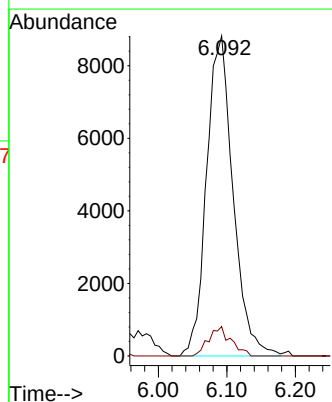
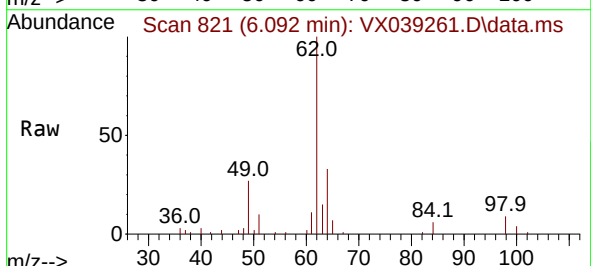
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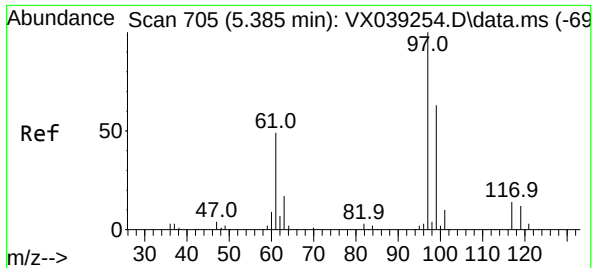
Tgt Ion: 43 Resp: 66399
Ion Ratio Lower Upper
43 100
72 24.8 12.6 37.6



#27
1,2-Dichloroethane
Concen: 9.470 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54

Tgt Ion: 62 Resp: 23714
Ion Ratio Lower Upper
62 100
98 9.2 8.0 12.0





#30
 1,1,1-Trichloroethane
 Concen: 11.716 ug/L
 RT: 5.385 min Scan# 705
 Delta R.T. 0.012 min
 Lab File: VX039261.D
 Acq: 16 Dec 2023 03:54

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE2

Tgt Ion:	97	Resp:	31290
Ion	Ratio	Lower	Upper
97	100		
99	37.6	51.0	76.4#
61	50.4	36.7	55.1

