

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012224\
 Data File : VV033796.D
 Acq On : 22 Jan 2024 12:37
 Operator : SY/MD
 Sample : P1189-04DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMM8DL

Quant Time: Jan 22 23:43:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

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

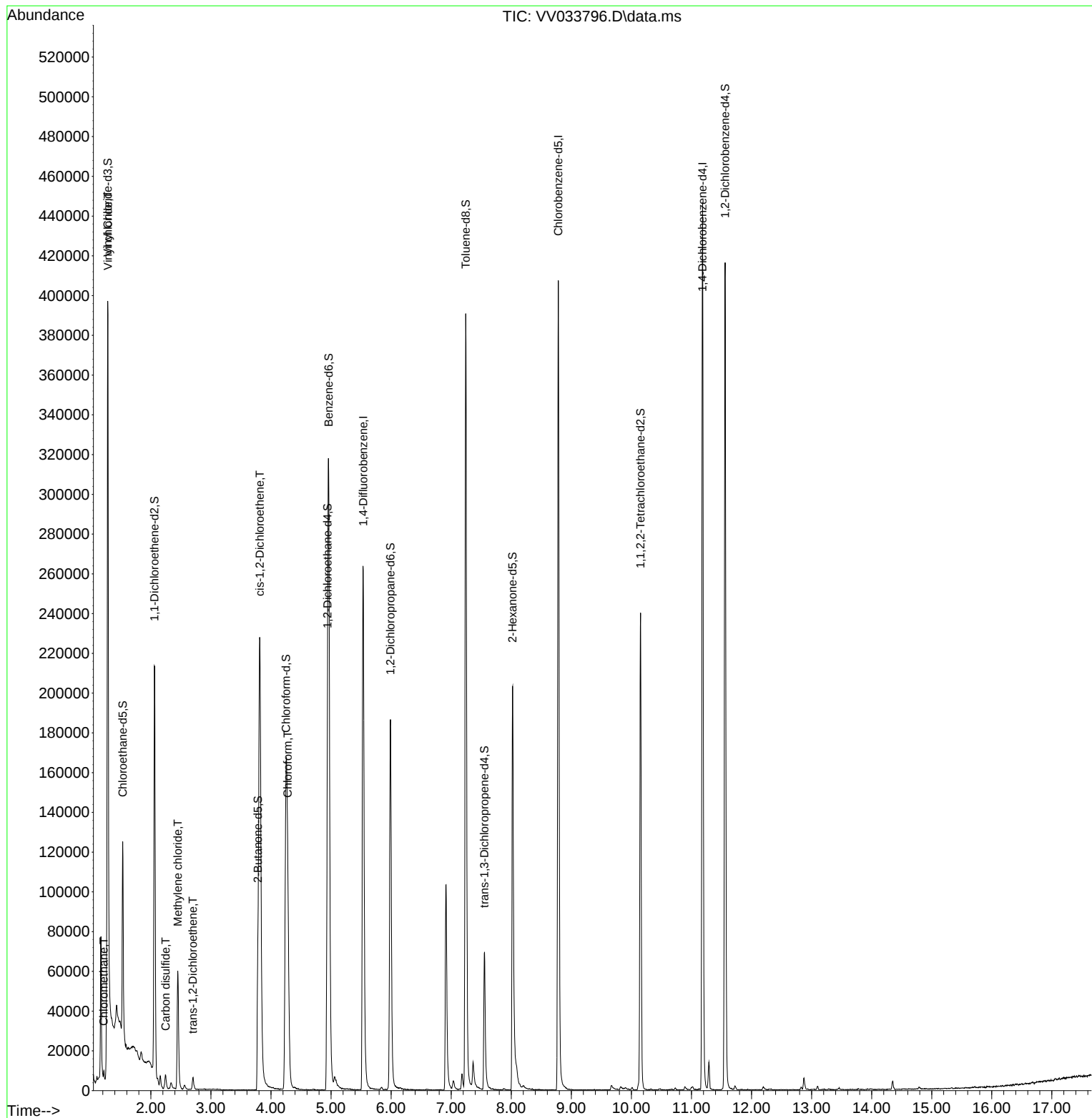
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	225043	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	215120	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	109798	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	79167	45.773	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.540%
7) Chloroethane-d5	1.532	69	63238	46.170	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.340%
11) 1,1-Dichloroethene-d2	2.060	65	36059	48.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.880%
21) 2-Butanone-d5	3.783	46	96718	81.528	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.530%
24) Chloroform-d	4.249	84	143550	46.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
26) 1,2-Dichloroethane-d4	4.940	65	96525	48.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.620%
32) Benzene-d6	4.960	84	276691	45.243	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.480%
36) 1,2-Dichloropropane-d6	5.989	67	86561	42.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.000%
41) Toluene-d8	7.243	98	256566	46.561	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.120%
43) trans-1,3-Dichloroprop...	7.554	79	40272	40.478	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.960%
47) 2-Hexanone-d5	8.021	63	71140	85.195	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.190%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	111840	43.518	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.040%
66) 1,2-Dichlorobenzene-d4	11.561	152	102976	49.432	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3103	1.458	ug/L	94
5) Vinyl chloride	1.285	62	91661	45.006	ug/L	# 1
14) Carbon disulfide	2.246	76	8512	1.854	ug/L	98
16) Methylene chloride	2.449	84	24252	14.719	ug/L	94
17) trans-1,2-Dichloroethene	2.699	96	2218	1.470	ug/L	92
20) cis-1,2-Dichloroethene	3.815	96	117949	70.245	ug/L	94
25) Chloroform	4.278	83	95991	32.824	ug/L	96

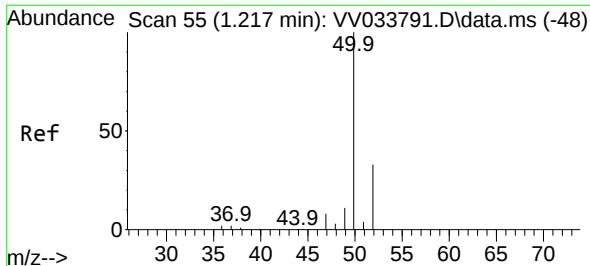
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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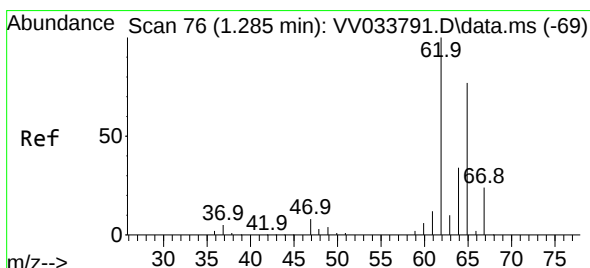
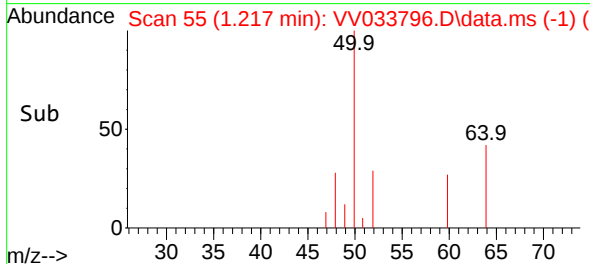
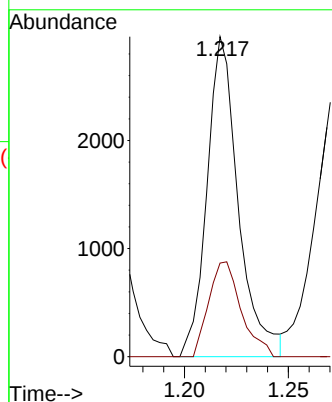
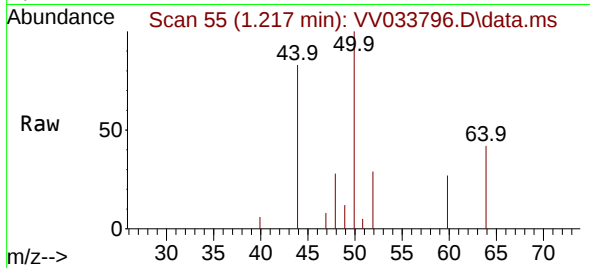




#3
Chloromethane
Concen: 1.458 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV033796.D
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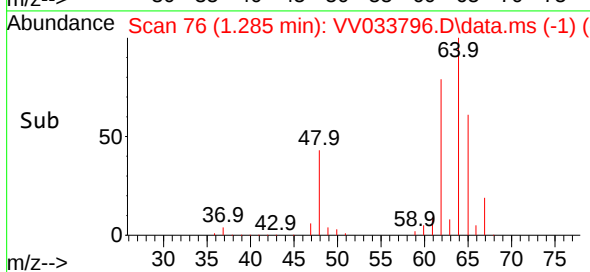
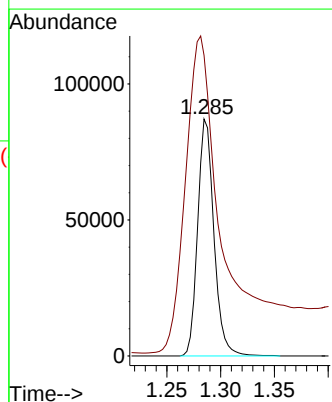
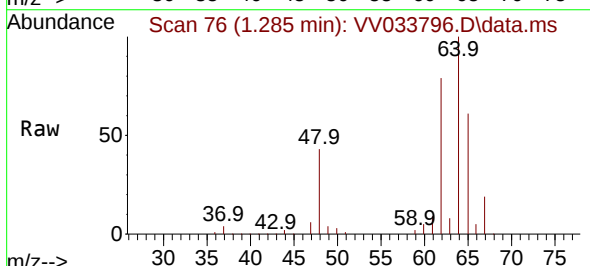
Instrument :
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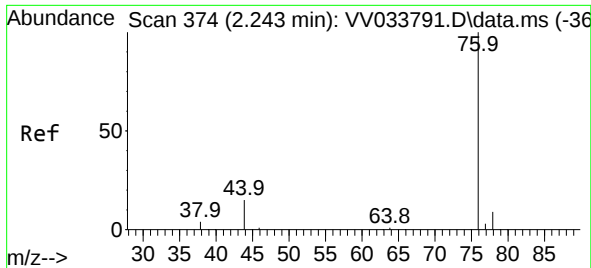
Tgt Ion: 50 Resp: 3103
Ion Ratio Lower Upper
50 100
52 29.3 22.8 42.4



#5
Vinyl chloride
Concen: 45.006 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV033796.D
Acq: 22 Jan 2024 12:37

Tgt Ion: 62 Resp: 91661
Ion Ratio Lower Upper
62 100
64 126.9 23.2 43.0#

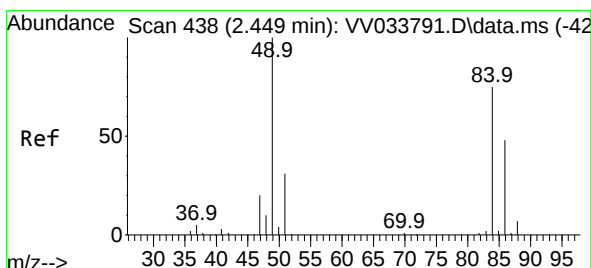
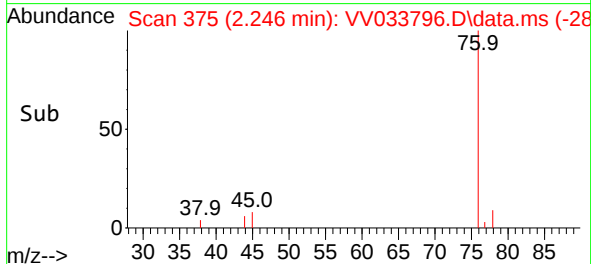
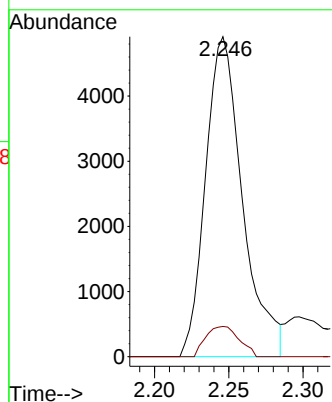
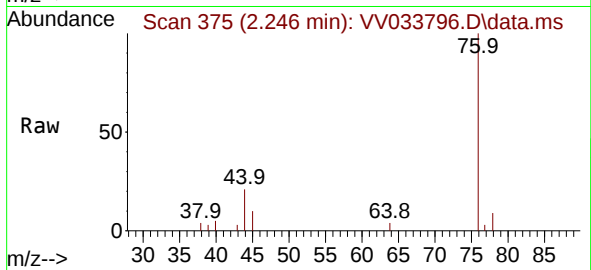




#14
Carbon disulfide
Concen: 1.854 ug/L
RT: 2.246 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033796.D
Acq: 22 Jan 2024 12:37

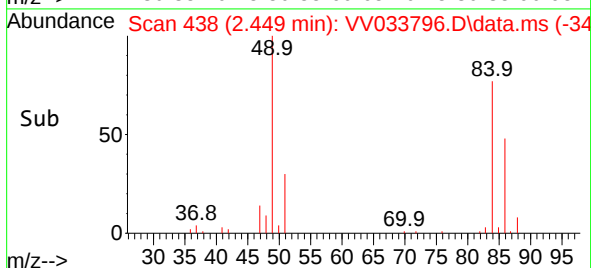
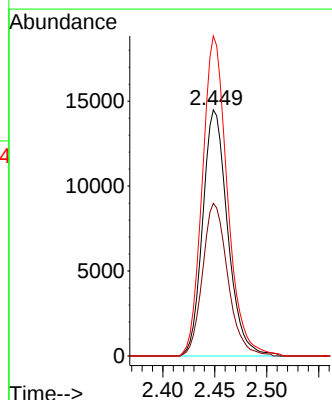
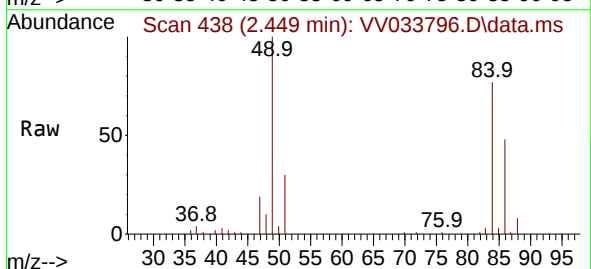
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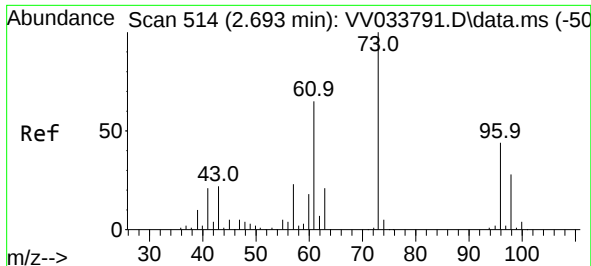
Tgt Ion: 76 Resp: 8512
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#16
Methylene chloride
Concen: 14.719 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033796.D
Acq: 22 Jan 2024 12:37

Tgt Ion: 84 Resp: 24252
Ion Ratio Lower Upper
84 100
86 62.0 43.9 81.5
49 130.1 98.3 182.5

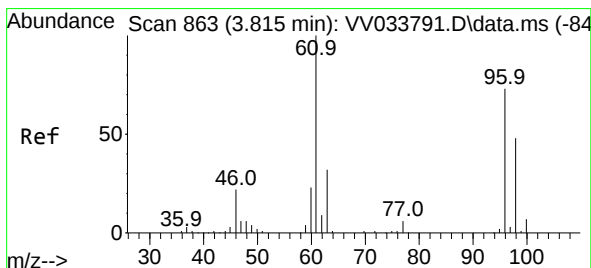
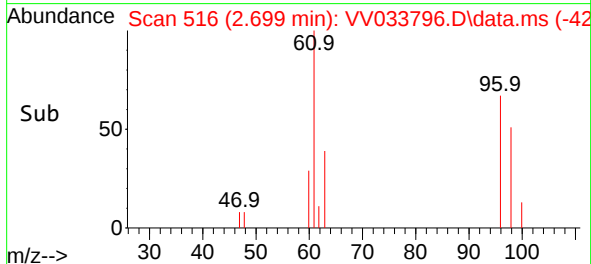
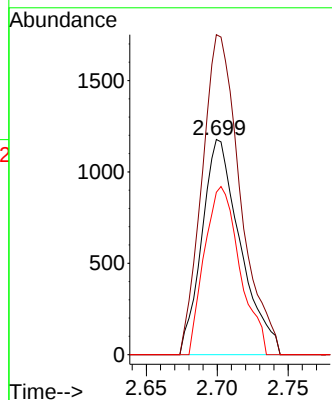
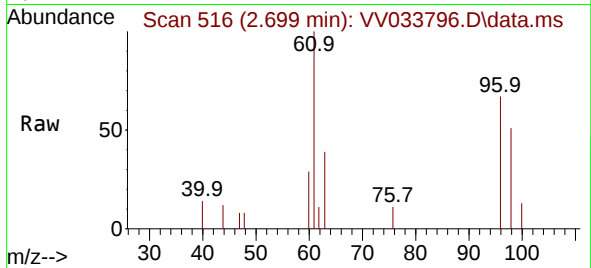




#17
trans-1,2-Dichloroethene
Concen: 1.470 ug/L
RT: 2.699 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV033796.D
Acq: 22 Jan 2024 12:37

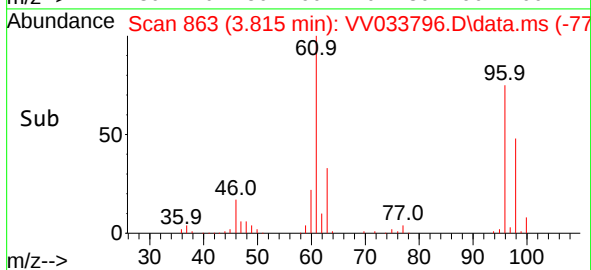
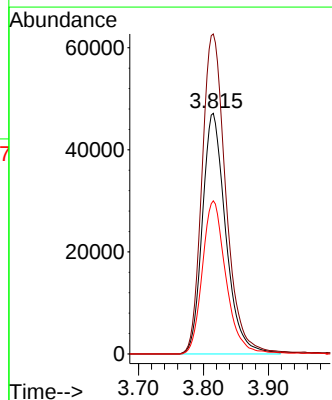
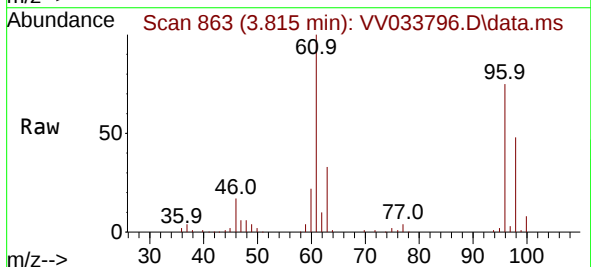
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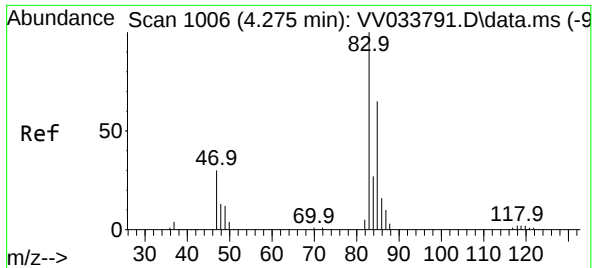
Tgt Ion: 96 Resp: 2218
Ion Ratio Lower Upper
96 100
61 148.8 108.4 201.4
98 75.4 43.8 81.4



#20
cis-1,2-Dichloroethene
Concen: 70.245 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV033796.D
Acq: 22 Jan 2024 12:37

Tgt Ion: 96 Resp: 117949
Ion Ratio Lower Upper
96 100
61 132.9 100.6 186.8
98 63.6 44.6 82.8





#25
 Chloroform
 Concen: 32.824 ug/L
 RT: 4.278 min Scan# 10
 Delta R.T. 0.003 min
 Lab File: VV033796.D
 Acq: 22 Jan 2024 12:37

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMM8DL

Tgt Ion: 83 Resp: 95991
 Ion Ratio Lower Upper
 83 100
 85 67.6 45.1 83.9

