

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
 Data File : VV033772.D
 Acq On : 19 Jan 2024 23:11
 Operator : SY/MD
 Sample : P1189-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 20 00:32:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 23:43:59 2024
 Response via : Initial Calibration

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

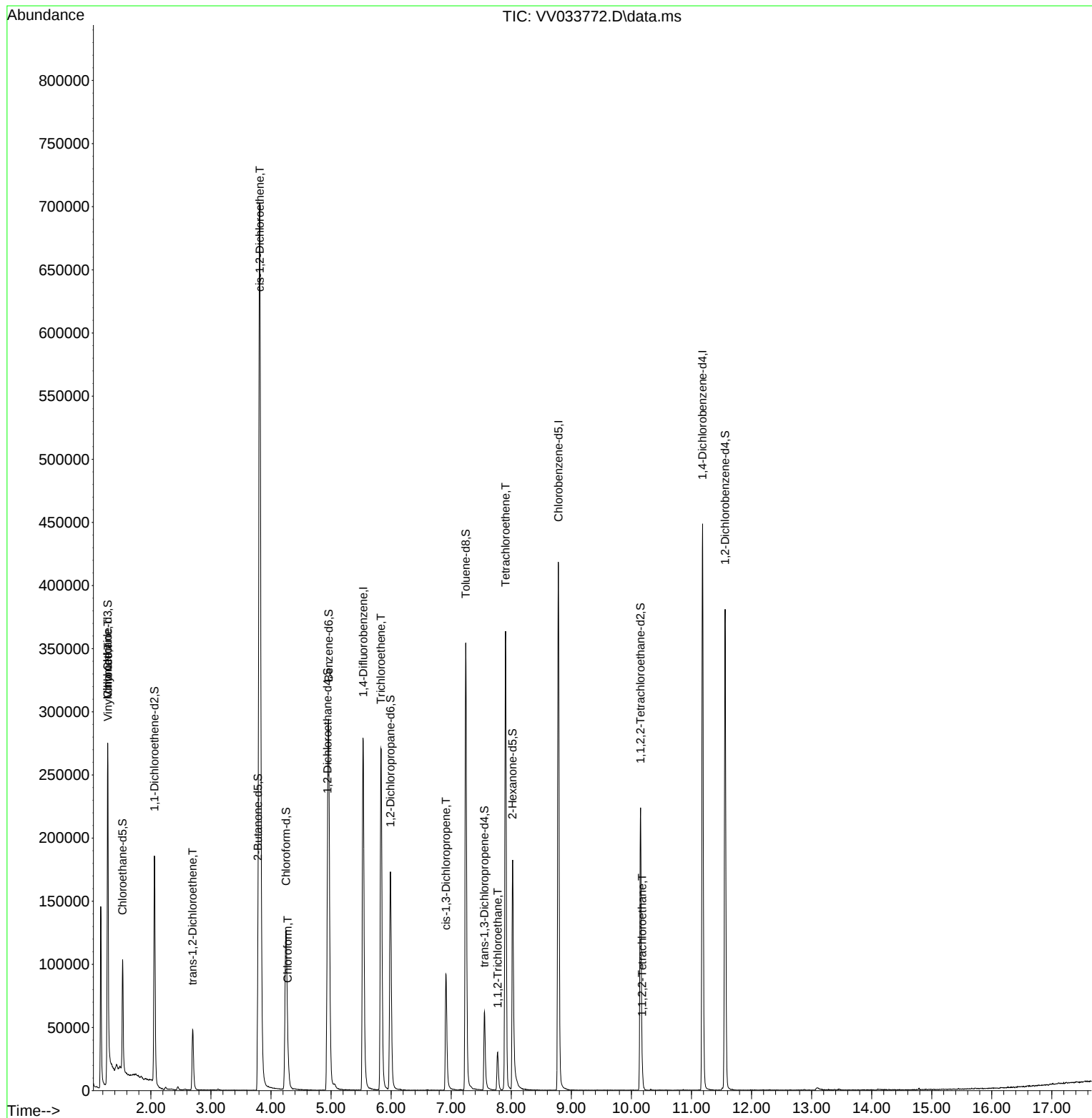
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	236591	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	222807	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	113033	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	65354	35.942	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.880%
7) Chloroethane-d5	1.529	69	56786	39.436	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.880%
11) 1,1-Dichloroethene-d2	2.060	65	30962	39.566	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.140%
21) 2-Butanone-d5	3.783	46	84544	67.787	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.790%
24) Chloroform-d	4.249	84	130001	39.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.960%
26) 1,2-Dichloroethane-d4	4.940	65	89581	42.642	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.280%
32) Benzene-d6	4.960	84	256128	40.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.880%
36) 1,2-Dichloropropane-d6	5.989	67	82458	39.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.100%
41) Toluene-d8	7.243	98	232595	40.755	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.500%
43) trans-1,3-Dichloroprop...	7.555	79	35970	34.906	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.820%
47) 2-Hexanone-d5	8.021	63	63653	73.599	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.600%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	105592	39.669	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.340%
66) 1,2-Dichlorobenzene-d4	11.561	152	93853	43.763	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.520%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	61622	28.780	ug/L #	1
8) Chloroethane	1.281	64	135075	105.797	ug/L #	53
17) trans-1,2-Dichloroethene	2.696	96	17375	10.955	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	374924	212.390	ug/L	95
25) Chloroform	4.278	83	16241	5.283	ug/L	91
34) Trichloroethene	5.831	95	95622	54.471	ug/L	96
39) cis-1,3-Dichloropropene	6.915	75	2562	0.852	ug/L #	70
45) 1,1,2-Trichloroethane	7.773	97	9715	5.946	ug/L	95
46) Tetrachloroethene	7.905	164	78361	60.859	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	7026	2.702	ug/L #	96

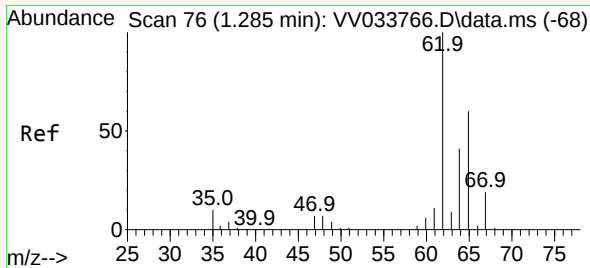
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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Quant Time: Jan 20 00:32:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 19 23:43:59 2024
Response via : Initial Calibration

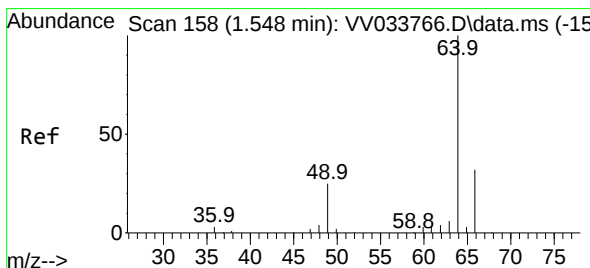
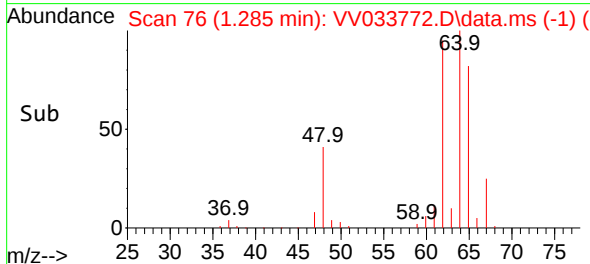
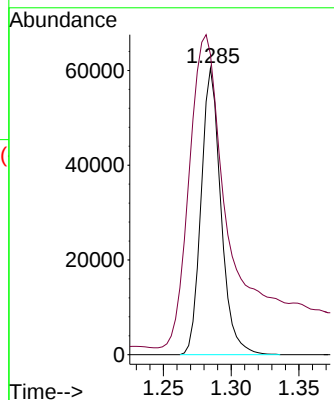
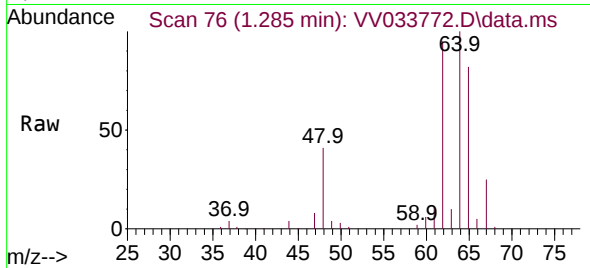




#5
 Vinyl chloride
 Concen: 28.780 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV033772.D
 Acq: 19 Jan 2024 23:11

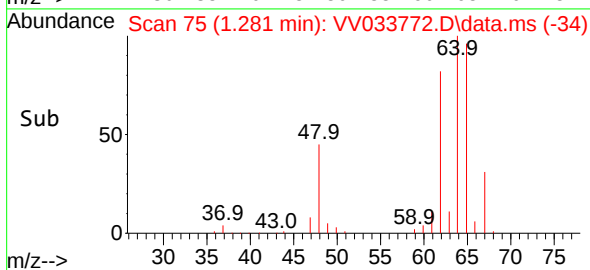
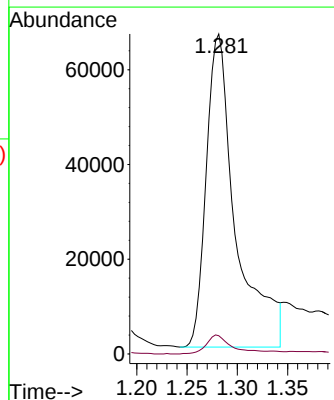
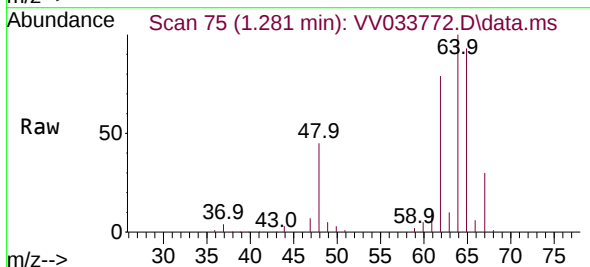
Instrument :
 MSVOA_V
 ClientSampleId :

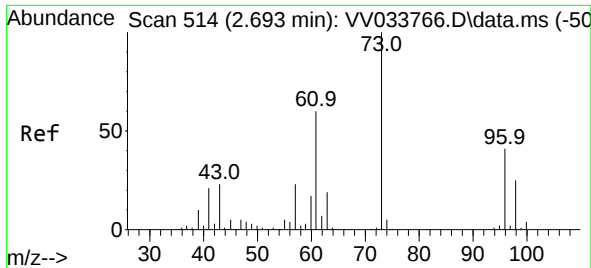
Tgt Ion: 62 Resp: 61622
 Ion Ratio Lower Upper
 62 100
 64 104.8 23.2 43.0#



#8
 Chloroethane
 Concen: 105.797 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.267 min
 Lab File: VV033772.D
 Acq: 19 Jan 2024 23:11

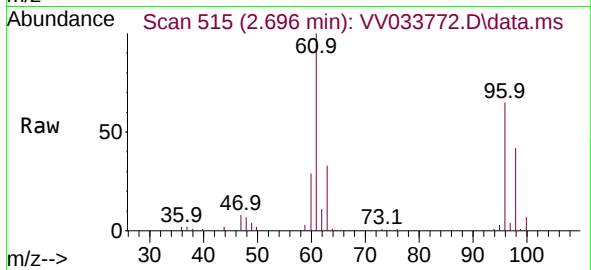
Tgt Ion: 64 Resp: 135075
 Ion Ratio Lower Upper
 64 100
 66 5.7 22.5 41.9#



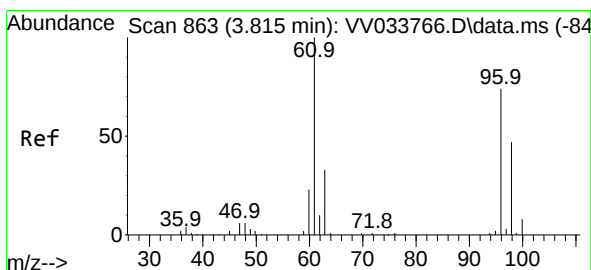
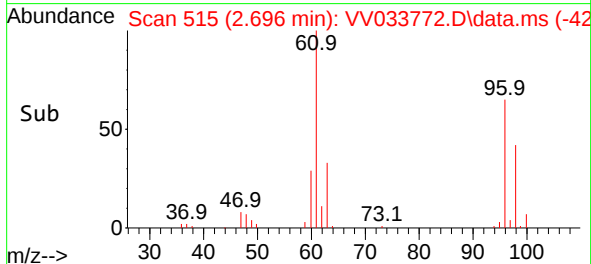
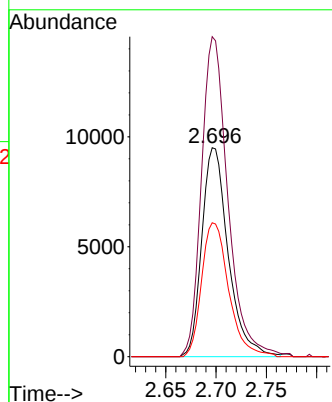


#17
trans-1,2-Dichloroethene
Concen: 10.955 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV033772.D
Acq: 19 Jan 2024 23:11

Instrument :
MSVOA_V
ClientSampleId :

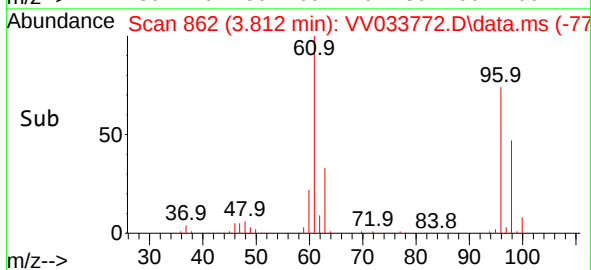
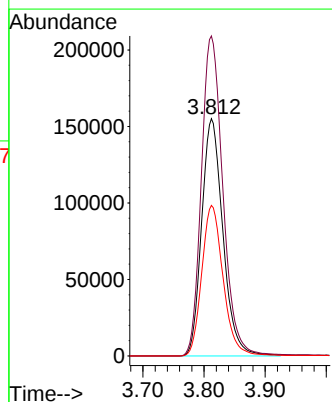
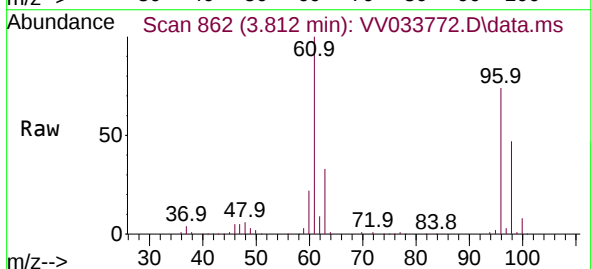


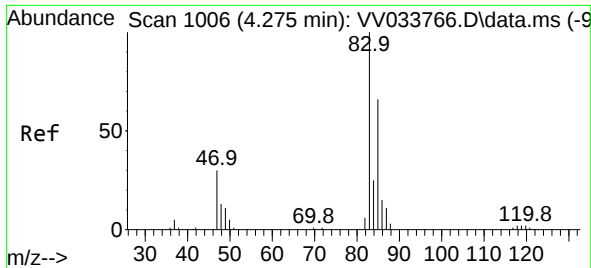
Tgt Ion: 96 Resp: 17375
Ion Ratio Lower Upper
96 100
61 153.1 108.4 201.4
98 64.1 43.8 81.4



#20
cis-1,2-Dichloroethene
Concen: 212.390 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV033772.D
Acq: 19 Jan 2024 23:11

Tgt Ion: 96 Resp: 374924
Ion Ratio Lower Upper
96 100
61 134.9 100.6 186.8
98 63.5 44.6 82.8

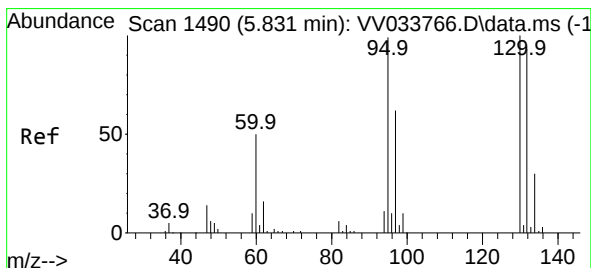
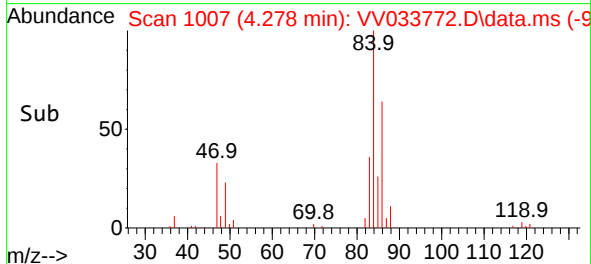
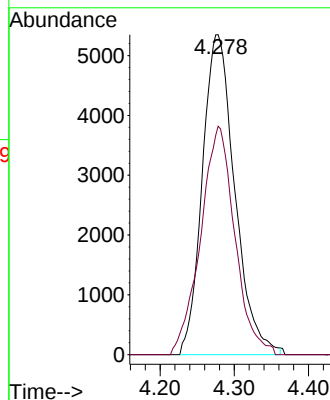
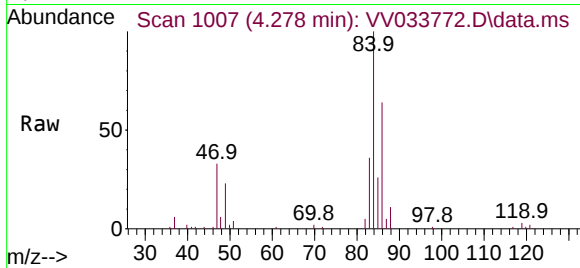




#25
Chloroform
Concen: 5.283 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV033772.D
Acq: 19 Jan 2024 23:11

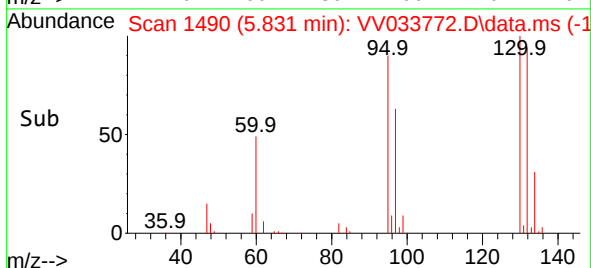
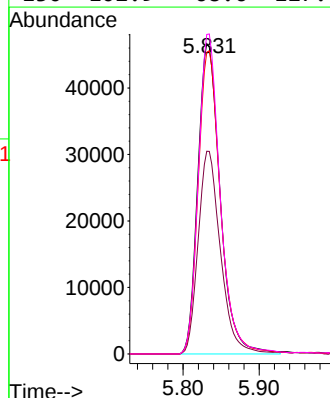
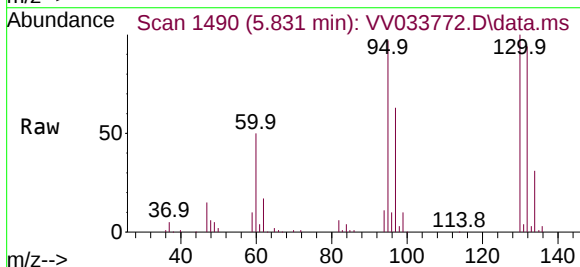
Instrument :
MSVOA_V
ClientSampleId :

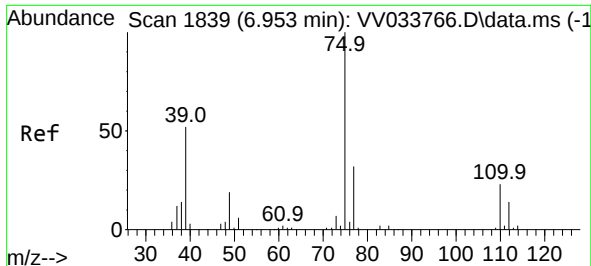
Tgt Ion: 83 Resp: 16241
Ion Ratio Lower Upper
83 100
85 71.4 45.1 83.9



#34
Trichloroethene
Concen: 54.471 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV033772.D
Acq: 19 Jan 2024 23:11

Tgt Ion: 95 Resp: 95622
Ion Ratio Lower Upper
95 100
97 65.3 44.4 82.4
132 97.2 65.5 121.7
130 102.9 68.6 127.4

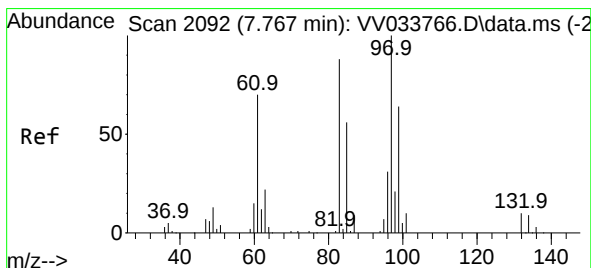
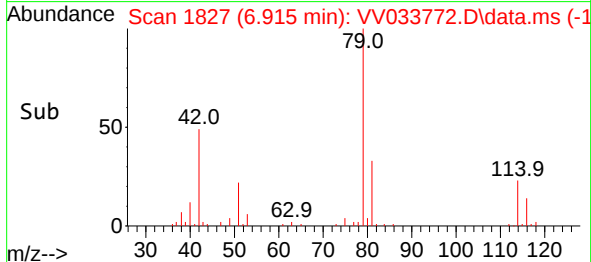
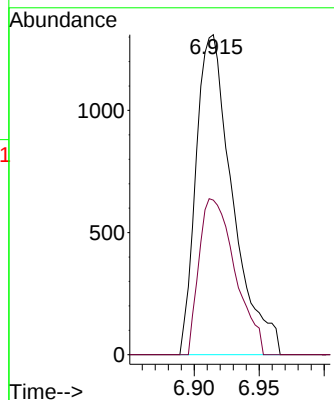
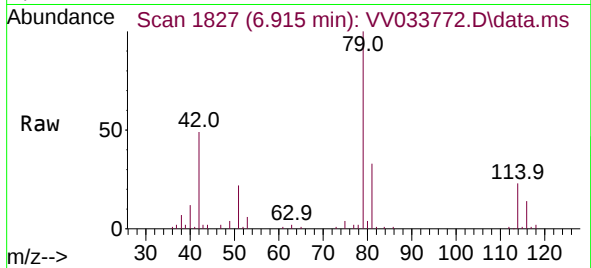




#39
 cis-1,3-Dichloropropene
 Concen: 0.852 ug/L
 RT: 6.915 min Scan# 11
 Delta R.T. -0.039 min
 Lab File: VV033772.D
 Acq: 19 Jan 2024 23:11

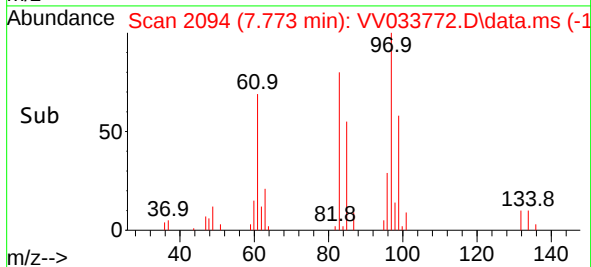
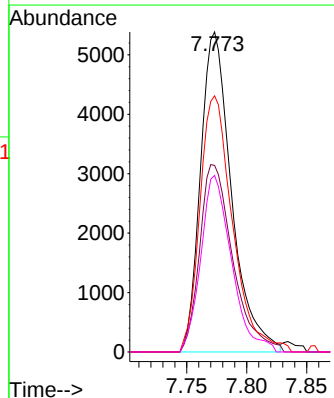
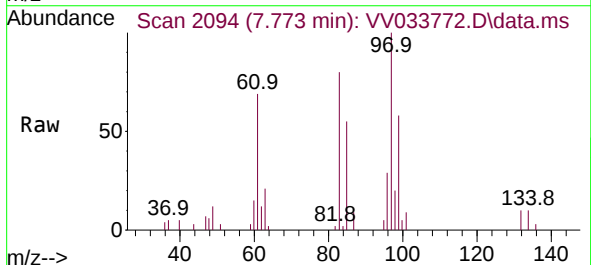
Instrument :
 MSVOA_V
 ClientSampleId :

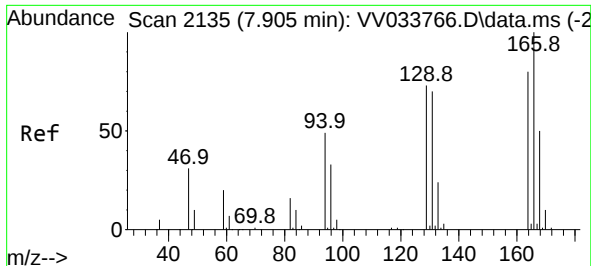
Tgt Ion: 75 Resp: 2562
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.0 41.0#



#45
 1,1,2-Trichloroethane
 Concen: 5.946 ug/L
 RT: 7.773 min Scan# 2094
 Delta R.T. 0.006 min
 Lab File: VV033772.D
 Acq: 19 Jan 2024 23:11

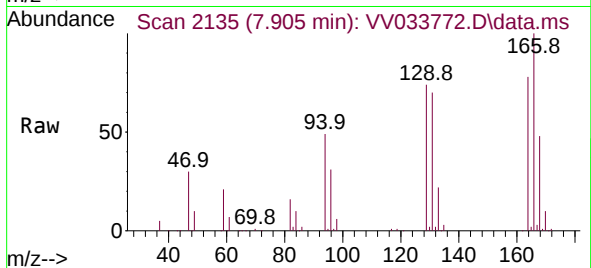
Tgt Ion: 97 Resp: 9715
 Ion Ratio Lower Upper
 97 100
 99 58.3 42.8 79.6
 83 80.1 61.2 113.8
 85 55.1 39.3 73.1



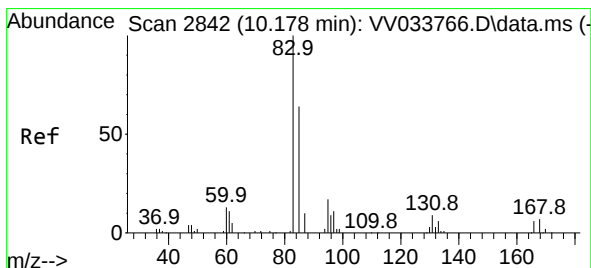
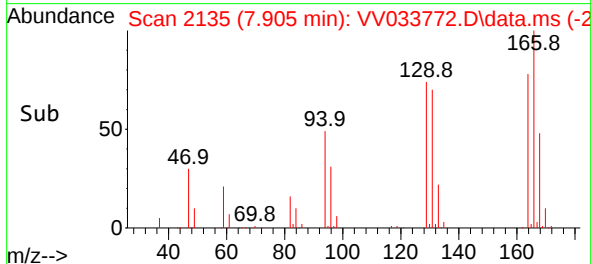
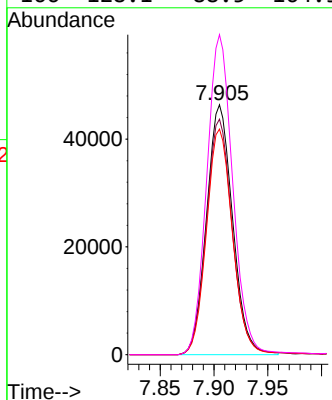


#46
Tetrachloroethene
Concen: 60.859 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033772.D
Acq: 19 Jan 2024 23:11

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 78361
Ion Ratio Lower Upper
164 100
129 94.3 66.1 122.7
131 90.3 65.9 122.5
166 128.1 88.5 164.3



#57
1,1,2,2-Tetrachloroethane
Concen: 2.702 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV033772.D
Acq: 19 Jan 2024 23:11

Tgt Ion: 83 Resp: 7026
Ion Ratio Lower Upper
83 100
85 67.4 44.9 83.5
131 11.7 7.5 11.3#

