

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011924\
 Data File : VW033772.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 :
 DCMN2

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)

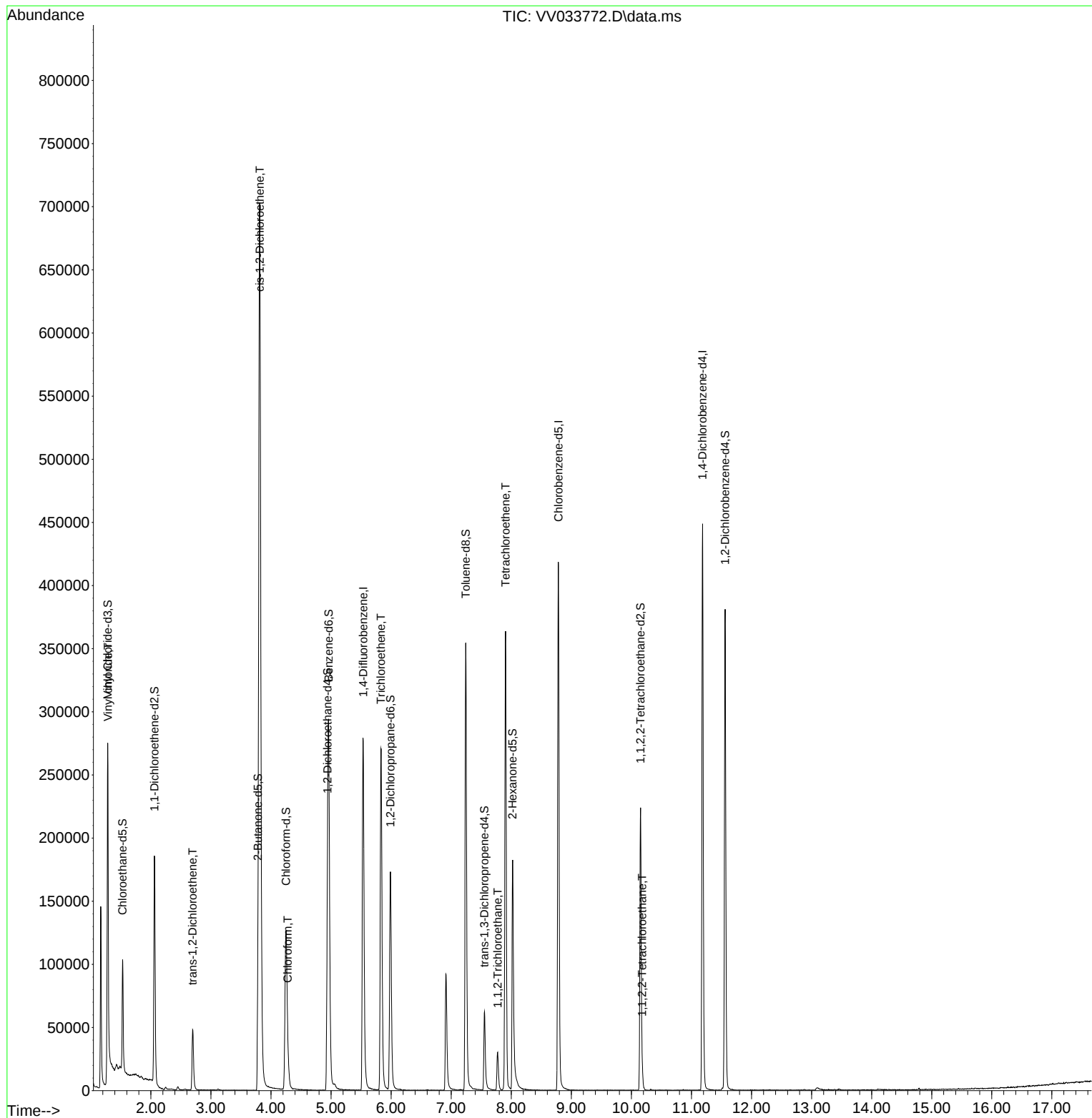
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	236591	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	222807	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	113033	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	65354	35.942	ug/L	0.00
Spiked Amount	50.000	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
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
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

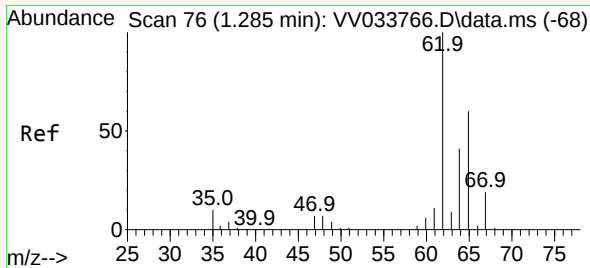
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 19 23:43:59 2024
Response via : Initial Calibration

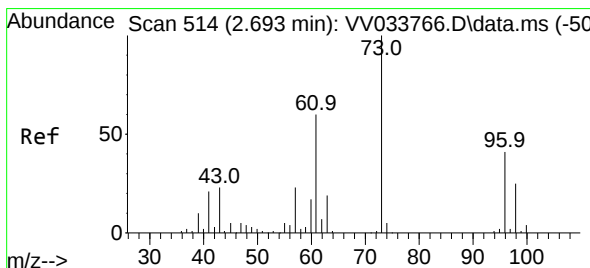
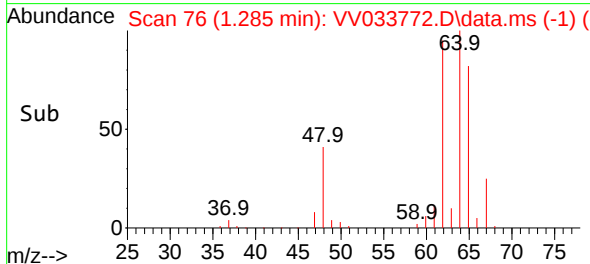
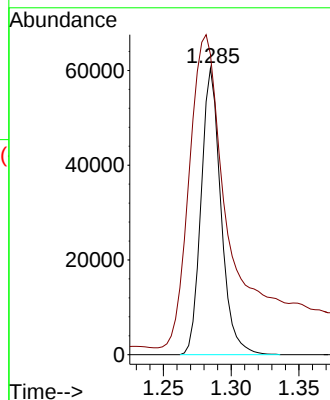
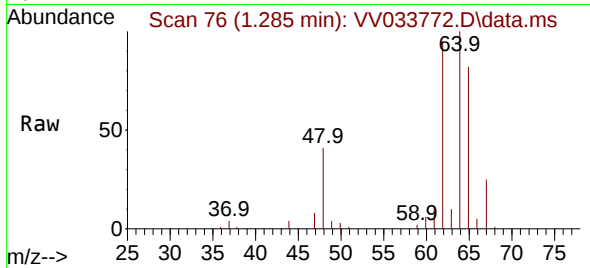




#5
 Vinyl chloride
 Concen: 28.780 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV033772.D
 Acq: 19 Jan 2024 23:11

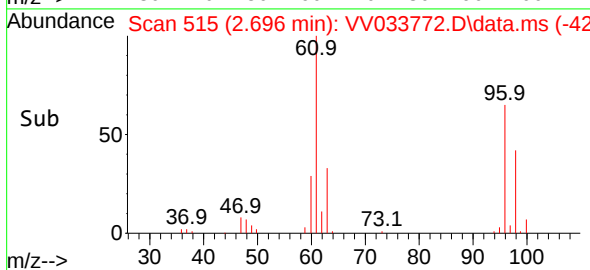
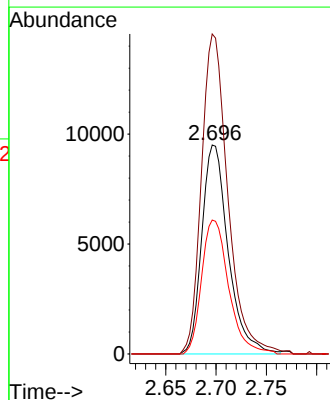
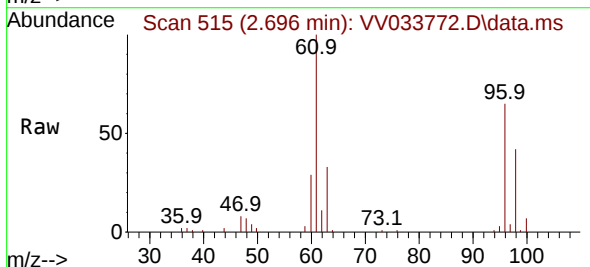
Instrument :
 MSVOA_V
 ClientSampleId :
 DCMN2

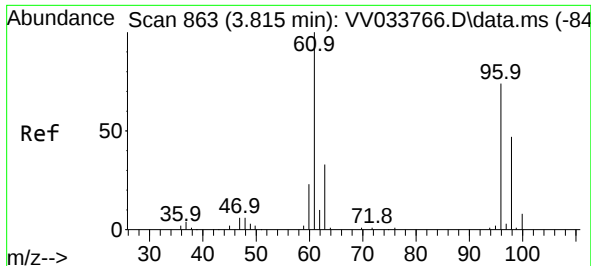
Tgt Ion: 62 Resp: 61622
 Ion Ratio Lower Upper
 62 100
 64 104.8 23.2 43.0#



#17
 trans-1,2-Dichloroethene
 Concen: 10.955 ug/L
 RT: 2.696 min Scan# 515
 Delta R.T. 0.003 min
 Lab File: VV033772.D
 Acq: 19 Jan 2024 23:11

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

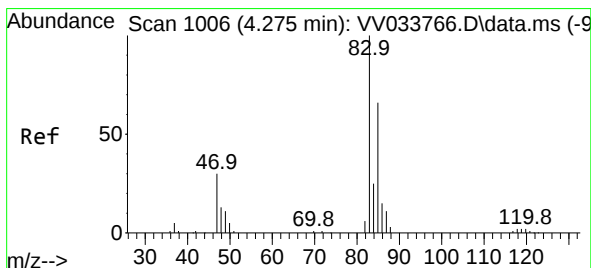
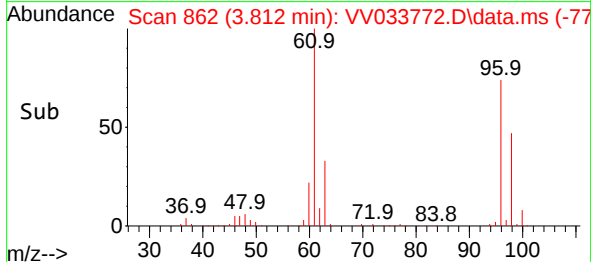
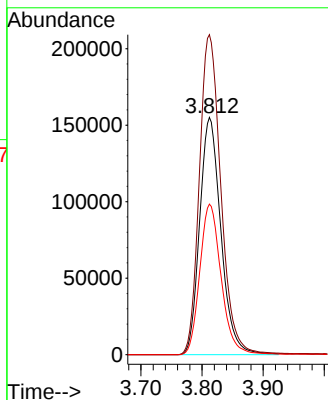
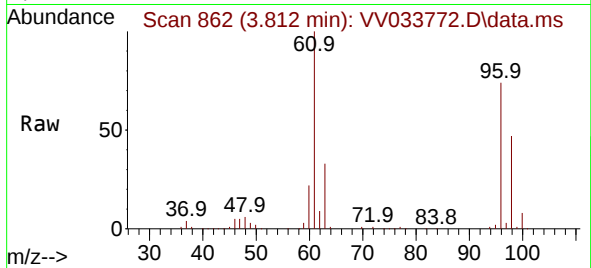




#20
cis-1,2-Dichloroethene
Concen: 212.390 ug/L
RT: 3.812 min Scan# 80
Delta R.T. -0.003 min
Lab File: VV033772.D
Acq: 19 Jan 2024 23:11

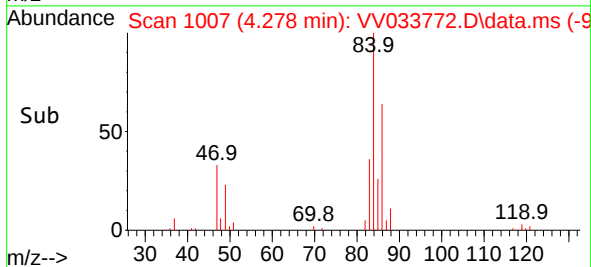
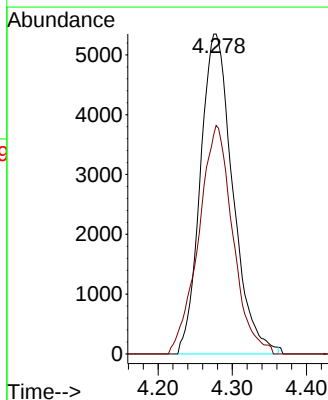
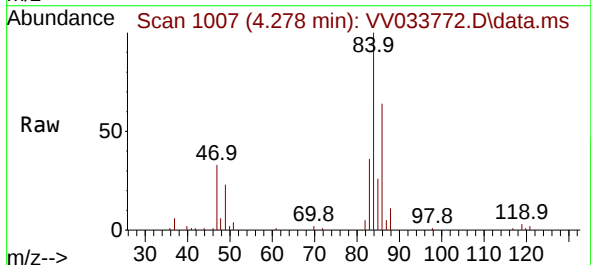
Instrument :
MSVOA_V
ClientSampleId :
DCMN2

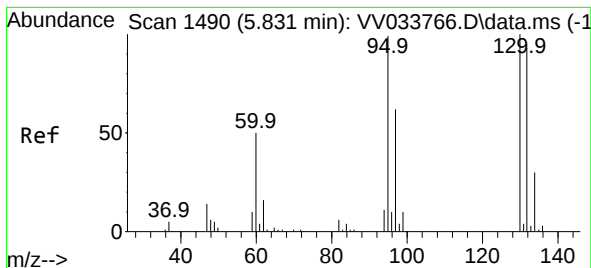
Tgt Ion: 96 Resp: 374924
Ion Ratio Lower Upper
96 100
61 134.9 100.6 186.8
98 63.5 44.6 82.8



#25
Chloroform
Concen: 5.283 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV033772.D
Acq: 19 Jan 2024 23:11

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

Instrument :

MSVOA_V

ClientSampleId :

DCMN2

Tgt Ion: 95 Resp: 95622

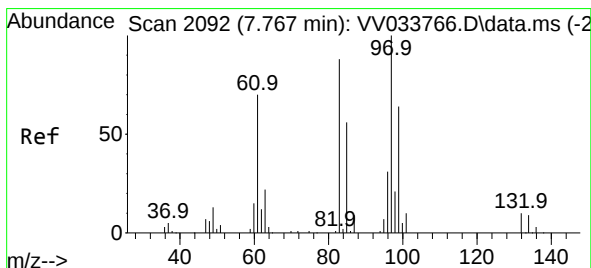
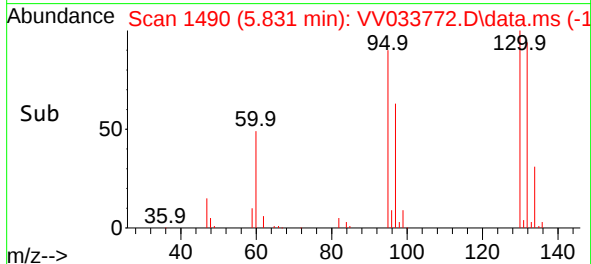
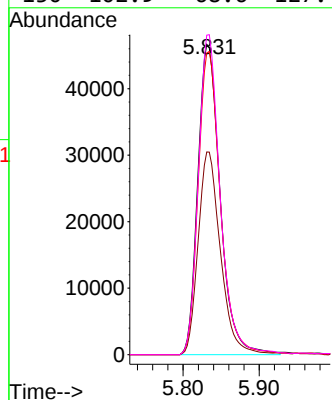
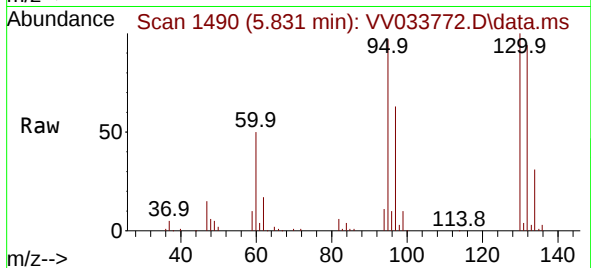
Ion Ratio Lower Upper

95 100

97 65.3 44.4 82.4

132 97.2 65.5 121.7

130 102.9 68.6 127.4



#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

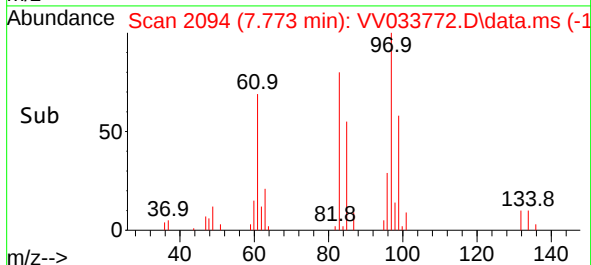
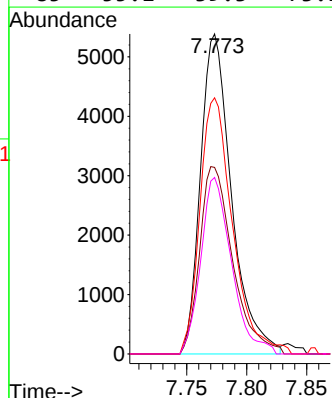
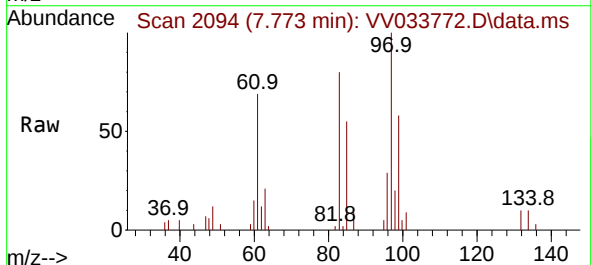
Ion Ratio Lower Upper

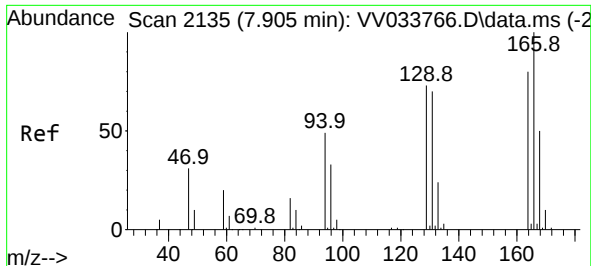
97 100

99 58.3 42.8 79.6

83 80.1 61.2 113.8

85 55.1 39.3 73.1



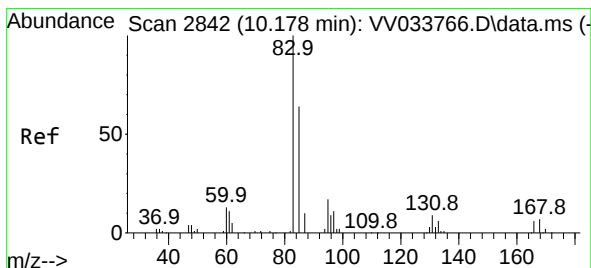
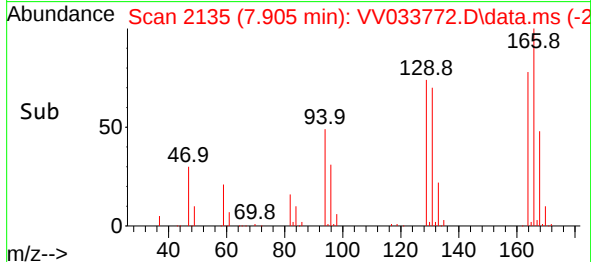
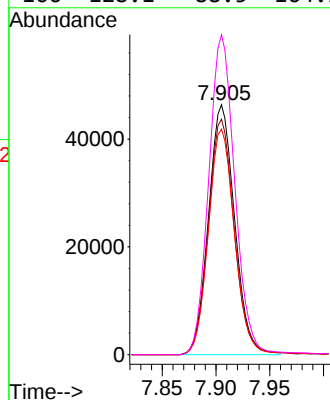
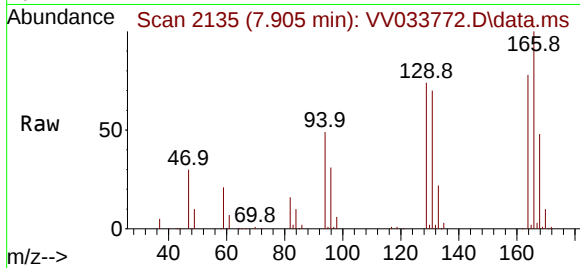


#46
Tetrachloroethene
Concen: 60.859 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033772.D
Acq: 19 Jan 2024 23:11

Instrument :
MSVOA_V
ClientSampleId :
DCMN2

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

