

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
 Data File : VV033762.D
 Acq On : 19 Jan 2024 18:24
 Operator : SY/MD
 Sample : P1190-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMS4

Quant Time: Jan 19 22:25:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 22:20:26 2024
 Response via : Initial Calibration

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

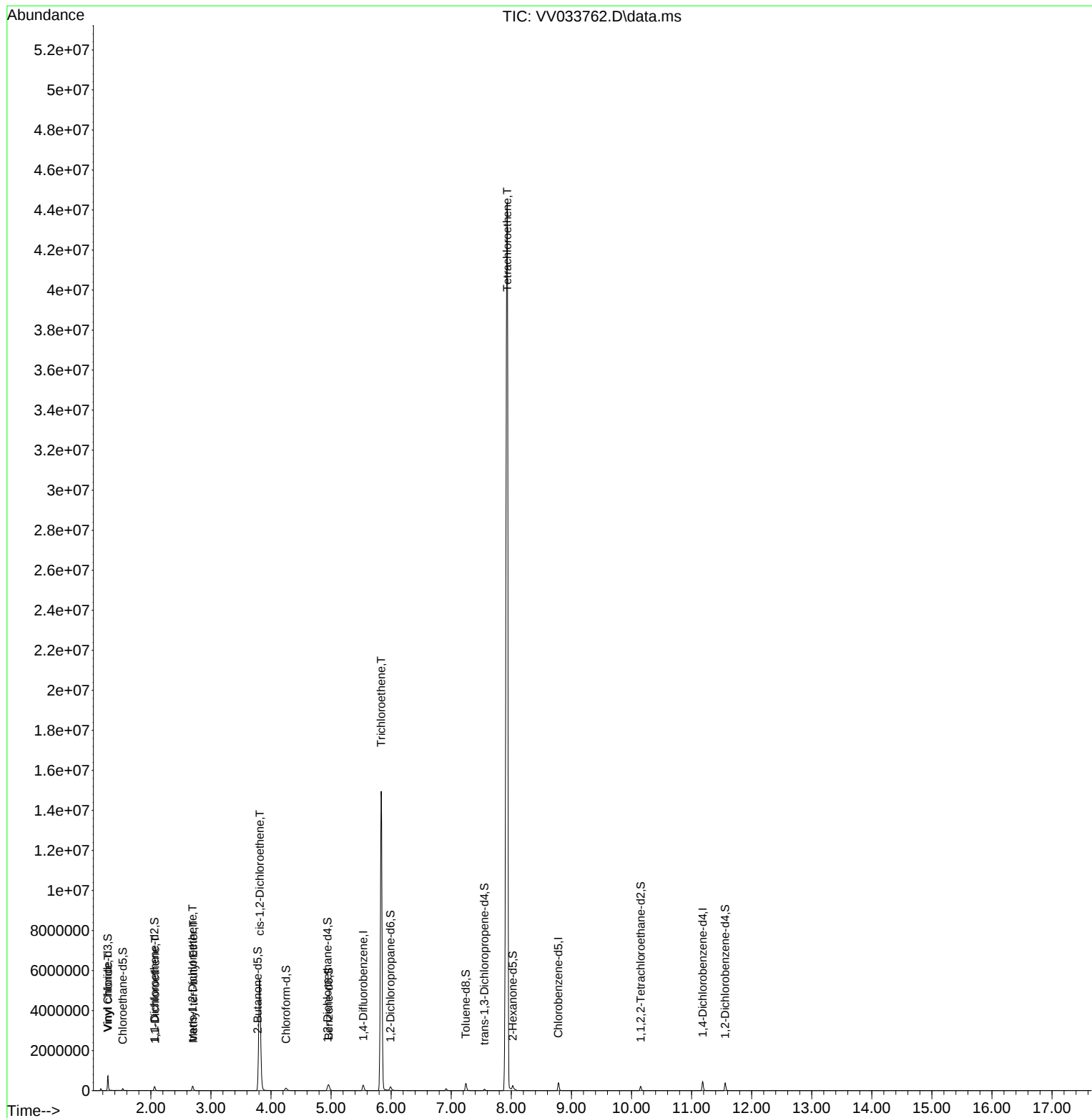
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	232437	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	203904	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	112167	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	70350	39.381	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.760%
7) Chloroethane-d5	1.532	69	58199	41.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.280%
11) 1,1-Dichloroethene-d2	2.060	65	32059	41.700	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.400%
21) 2-Butanone-d5	3.780	46	96062	78.399	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.400%
24) Chloroform-d	4.249	84	128705	40.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.580%
26) 1,2-Dichloroethane-d4	4.941	65	89657	43.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.880%
32) Benzene-d6	4.960	84	257599	44.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.880%
36) 1,2-Dichloropropane-d6	5.989	67	79357	41.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.180%
41) Toluene-d8	7.243	98	234704	44.937	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.880%
43) trans-1,3-Dichloroprop...	7.551	79	39053	41.412	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.820%
47) 2-Hexanone-d5	8.024	63	62372	78.803	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.800%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	100327	41.185	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.380%
66) 1,2-Dichlorobenzene-d4	11.561	152	94041	44.190	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.380%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	374465	178.016	ug/L	91
12) 1,1-Dichloroethene	2.072	96	7900	5.663	ug/L #	1
17) trans-1,2-Dichloroethene	2.696	96	80681	51.777	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	3550	0.633	ug/L #	93
20) cis-1,2-Dichloroethene	3.812	96	2913895	1680.188	ug/L	96
34) Trichloroethene	5.834	95	4967945	3092.355	ug/L	98
46) Tetrachloroethene	7.931	164	13220546	11219.559	ug/L	97

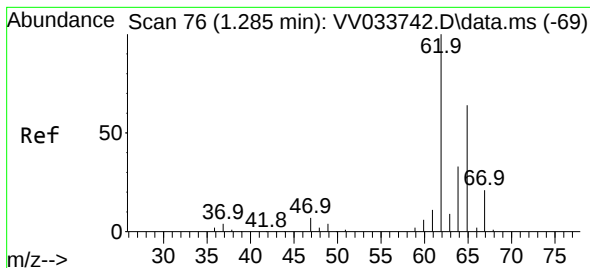
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 178.016 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV033762.D

Acq: 19 Jan 2024 18:24

Instrument :

MSVOA_V

ClientSampleId :

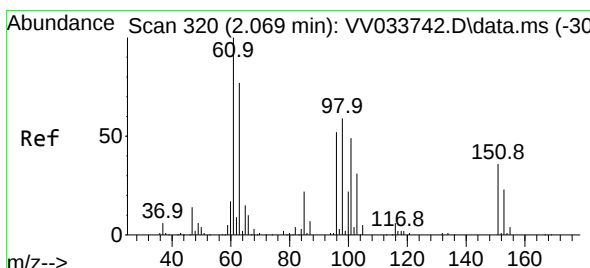
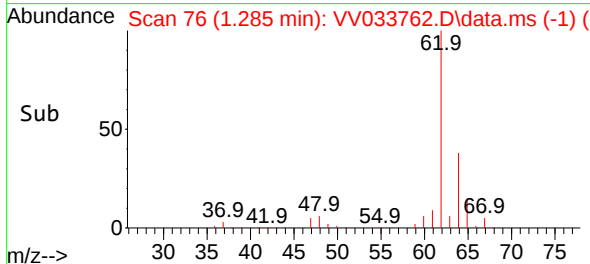
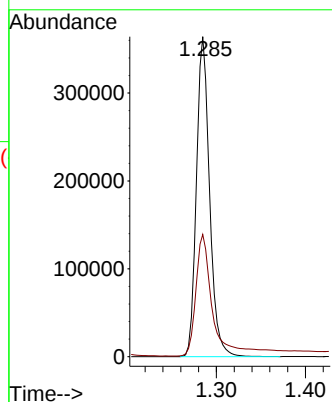
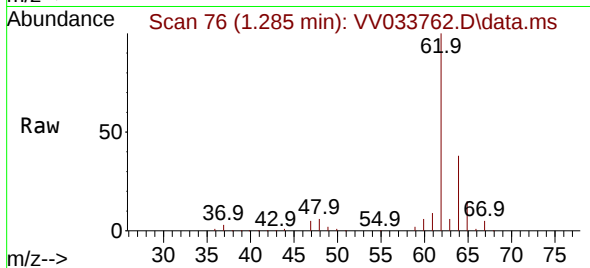
DCMS4

Tgt Ion: 62 Resp: 374465

Ion Ratio Lower Upper

62 100

64 38.2 23.2 43.0



#12

1,1-Dichloroethene

Concen: 5.663 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV033762.D

Acq: 19 Jan 2024 18:24

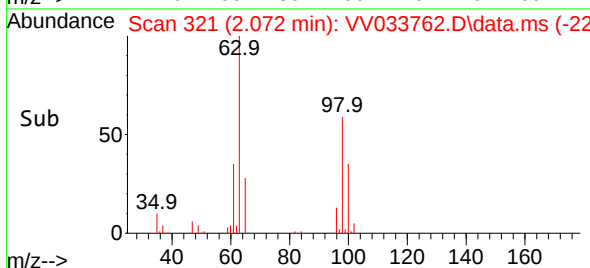
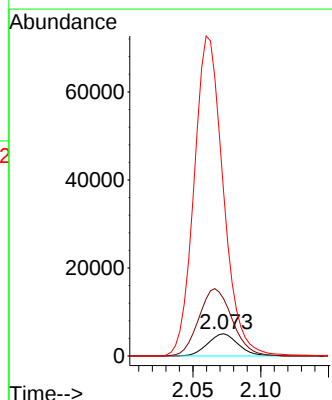
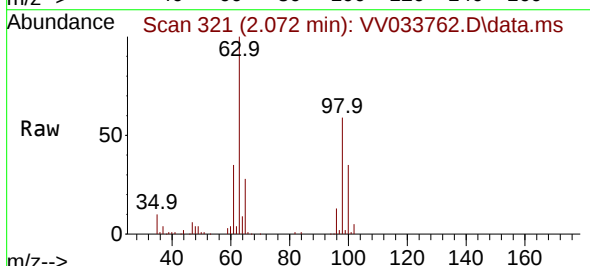
Tgt Ion: 96 Resp: 7900

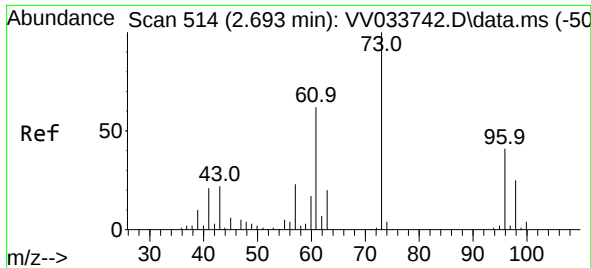
Ion Ratio Lower Upper

96 100

61 258.3 134.0 248.8#

63 743.2 103.4 192.0#

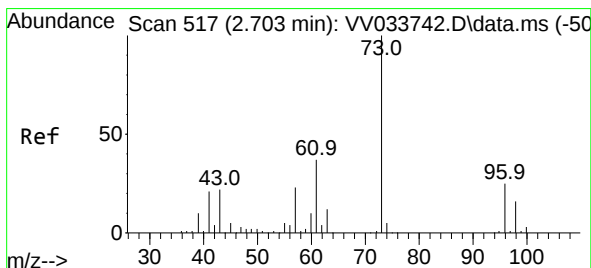
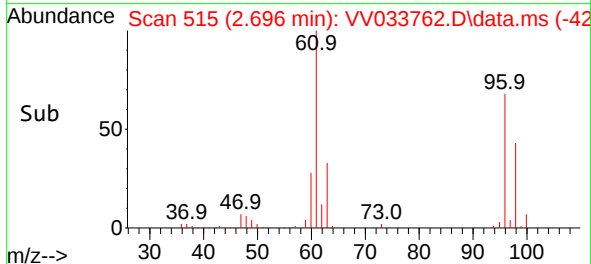
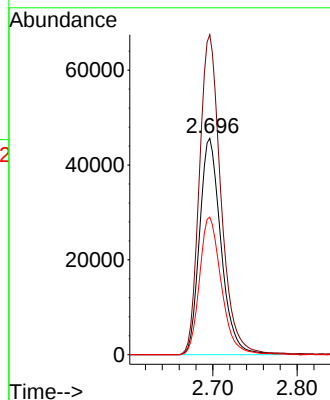
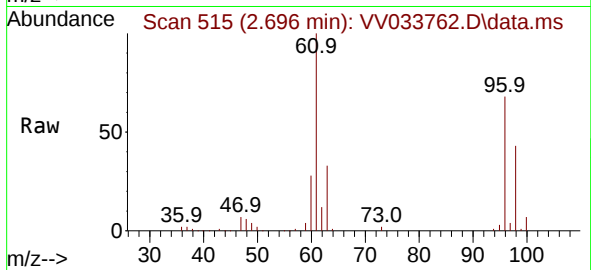




#17
trans-1,2-Dichloroethene
Concen: 51.777 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV033762.D
Acq: 19 Jan 2024 18:24

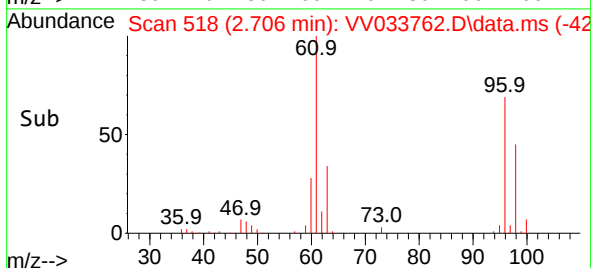
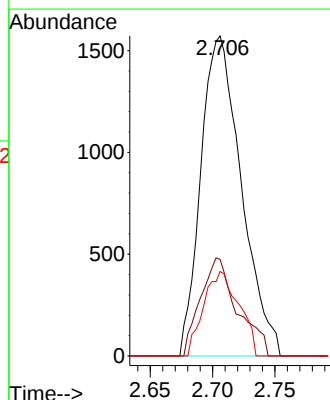
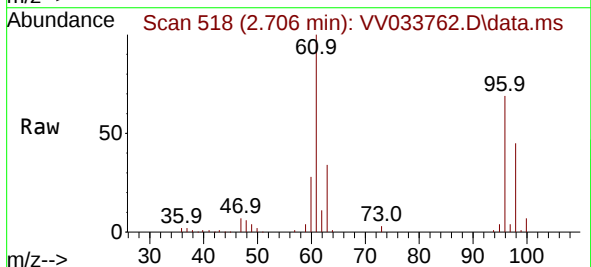
Instrument :
MSVOA_V
ClientSampleId :
DCMS4

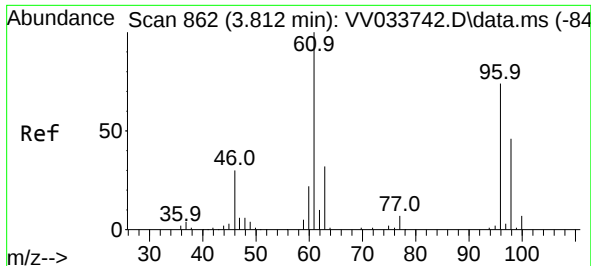
Tgt Ion: 96 Resp: 80681
Ion Ratio Lower Upper
96 100
61 147.9 108.4 201.4
98 63.6 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 0.633 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV033762.D
Acq: 19 Jan 2024 18:24

Tgt Ion: 73 Resp: 3550
Ion Ratio Lower Upper
73 100
43 28.1 17.4 26.2#
57 23.0 18.6 27.8



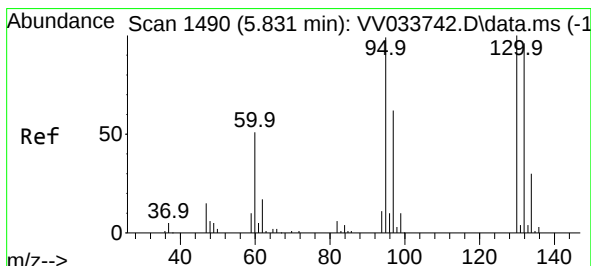
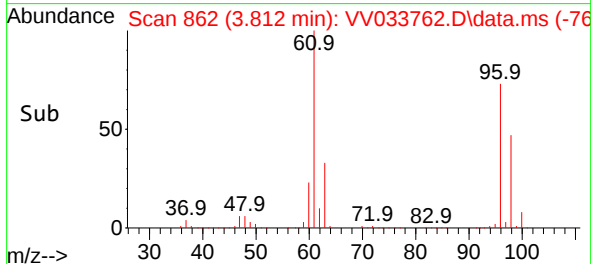
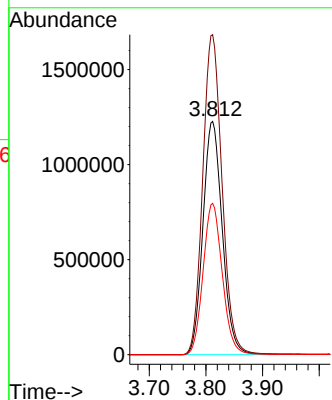
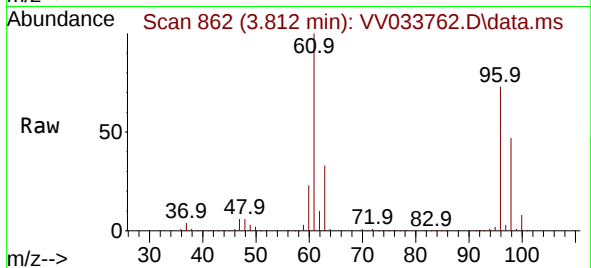


#20
 cis-1,2-Dichloroethene
 Concen: 1680.188 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. -0.000 min
 Lab File: VV033762.D
 Acq: 19 Jan 2024 18:24

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMS4

Tgt Ion: 96 Resp: 2913895

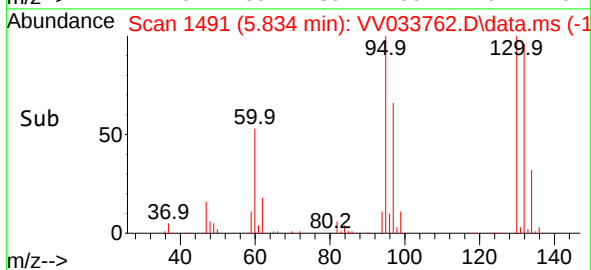
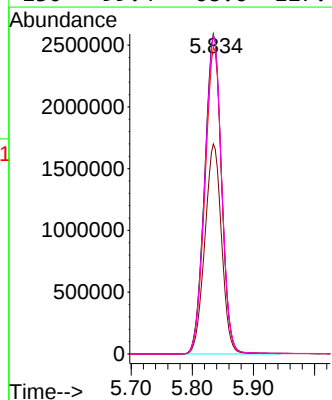
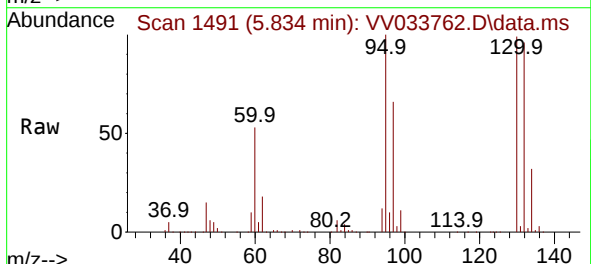
Ion	Ratio	Lower	Upper
96	100		
61	137.2	100.6	186.8
98	64.9	44.6	82.8

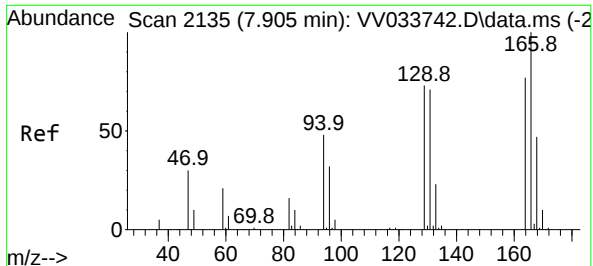


#34
 Trichloroethene
 Concen: 3092.355 ug/L
 RT: 5.834 min Scan# 1491
 Delta R.T. 0.003 min
 Lab File: VV033762.D
 Acq: 19 Jan 2024 18:24

Tgt Ion: 95 Resp: 4967945

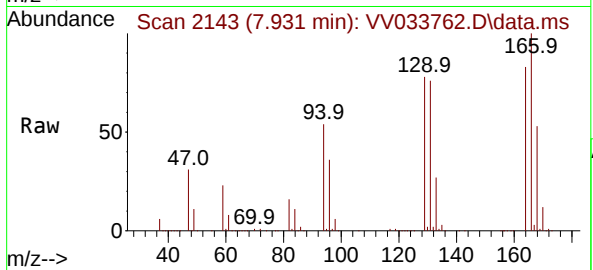
Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.4	82.4
132	95.9	65.5	121.7
130	99.4	68.6	127.4





#46
Tetrachloroethene
Concen: 11219.559 ug/L
RT: 7.931 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV033762.D
Acq: 19 Jan 2024 18:24

Instrument :
MSVOA_V
ClientSampleId :
DCMS4



Tgt Ion:164 Resp:13220546

Ion	Ratio	Lower	Upper
164	100		
129	93.8	66.1	122.7
131	91.6	65.9	122.5
166	120.4	88.5	164.3

