

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 :

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)

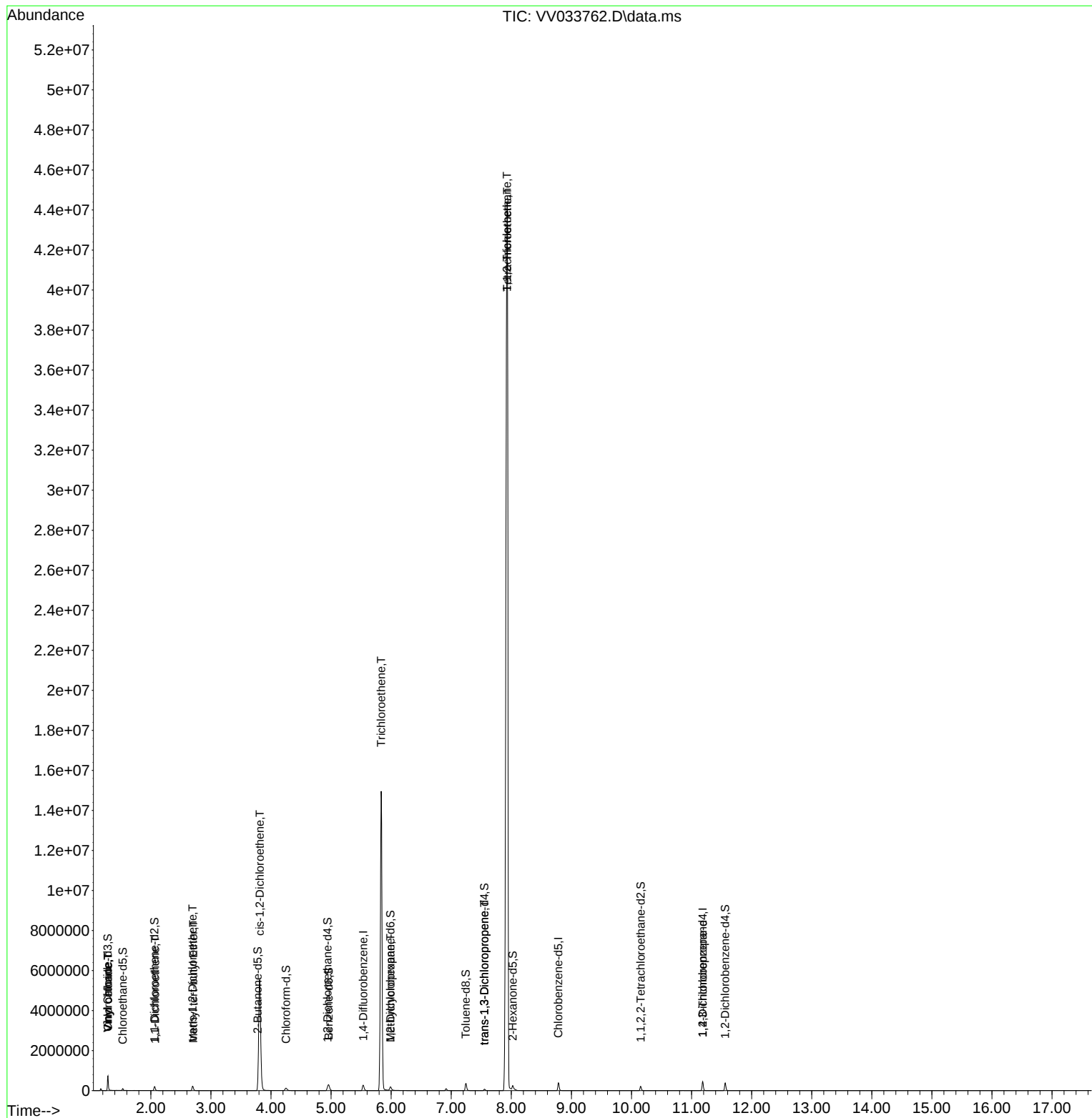
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	232437	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	203904	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	112167	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	70350	39.381	ug/L	0.00
Spiked Amount 50.000	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
8) Chloroethane	1.285	64	192726	153.649	ug/L #	46
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
35) Methylcyclohexane	5.989	83	19529	7.103	ug/L #	16
44) trans-1,3-Dichloropropene	7.551	75	1970	0.777	ug/L #	69
45) 1,1,2-Trichloroethane	7.928	97	131557	87.979	ug/L #	41
46) Tetrachloroethene	7.931	164	13220546	11219.559	ug/L	97
61) 1,2,3-Trichloropropane	11.185	75	13610	6.837	ug/L #	66

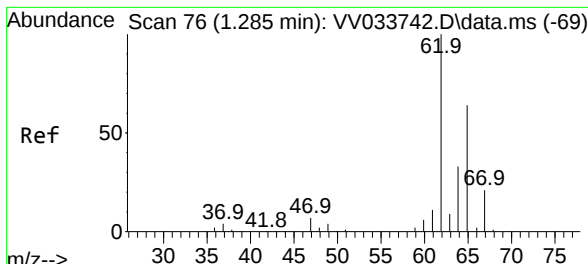
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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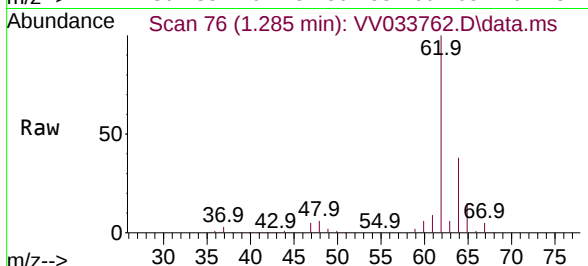
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 19 22:20:26 2024
Response via : Initial Calibration



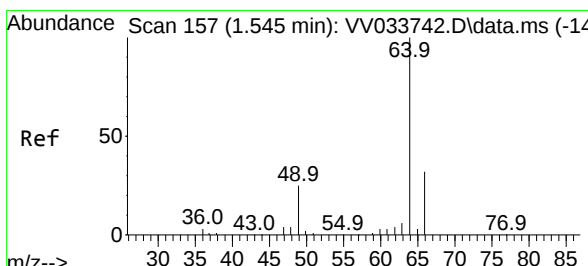
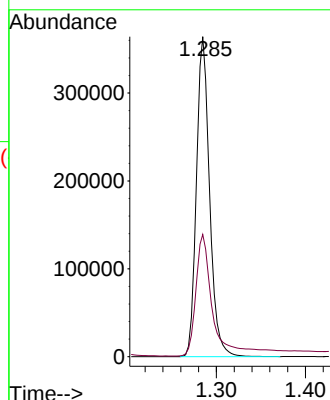
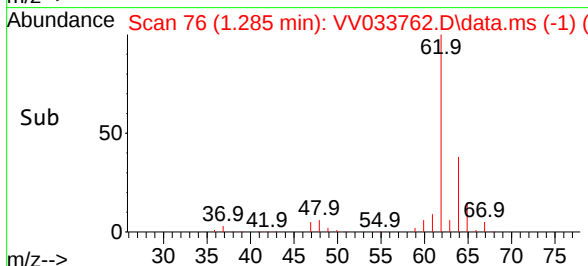


#5
 Vinyl chloride
 Concen: 178.016 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033762.D
 Acq: 19 Jan 2024 18:24

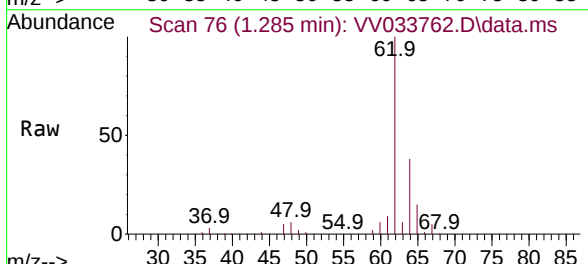
Instrument :
 MSVOA_V
 ClientSampleId :



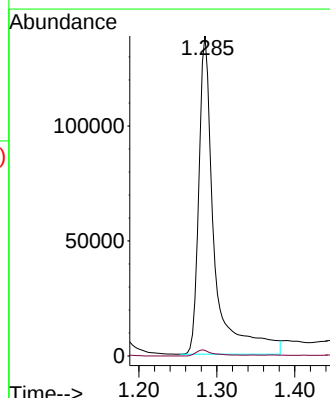
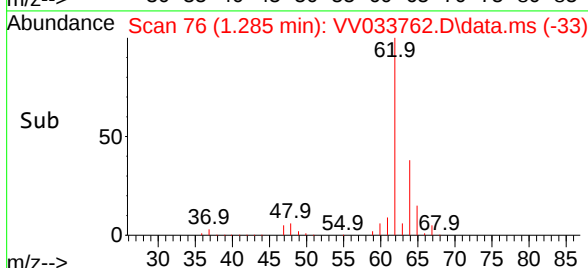
Tgt Ion: 62 Resp: 374465
 Ion Ratio Lower Upper
 62 100
 64 38.2 23.2 43.0

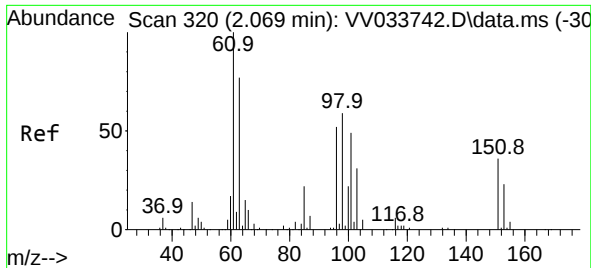


#8
 Chloroethane
 Concen: 153.649 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.260 min
 Lab File: VV033762.D
 Acq: 19 Jan 2024 18:24



Tgt Ion: 64 Resp: 192726
 Ion Ratio Lower Upper
 64 100
 66 1.7 22.5 41.9#





#12

1,1-Dichloroethene

Concen: 5.663 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033762.D

Acq: 19 Jan 2024 18:24

Instrument :

MSVOA_V

ClientSampleId :

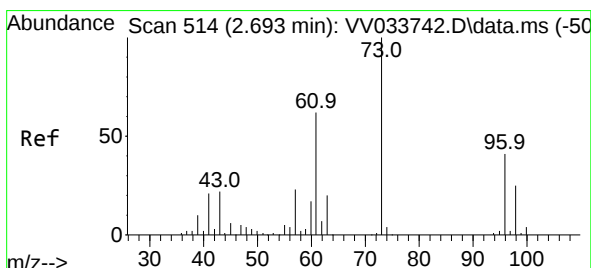
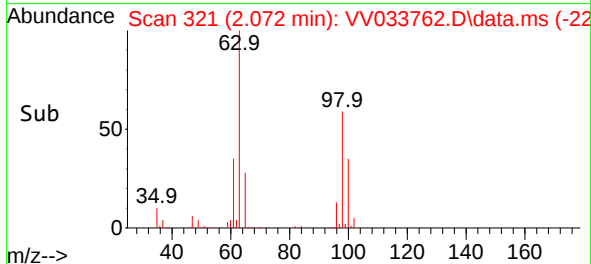
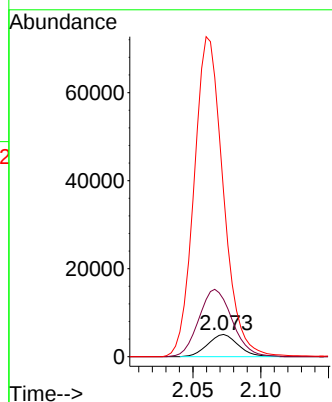
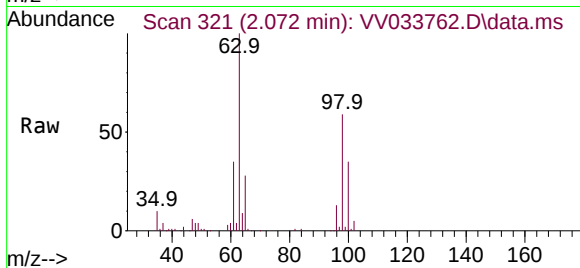
Tgt Ion: 96 Resp: 7900

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# 515

Delta R.T. 0.003 min

Lab File: VV033762.D

Acq: 19 Jan 2024 18:24

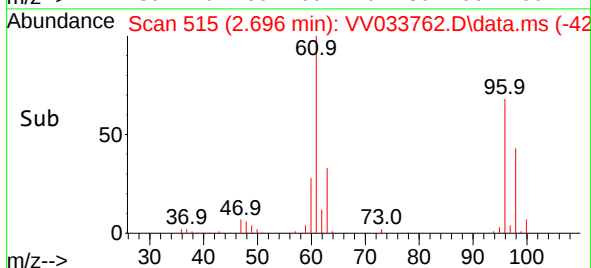
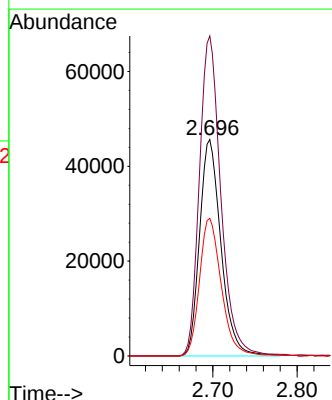
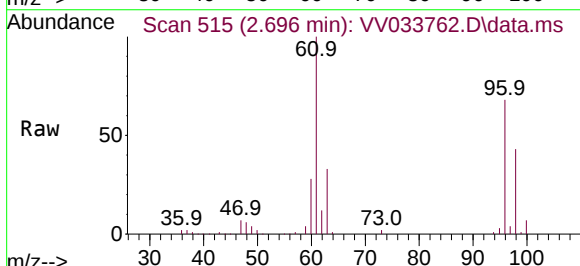
Tgt Ion: 96 Resp: 80681

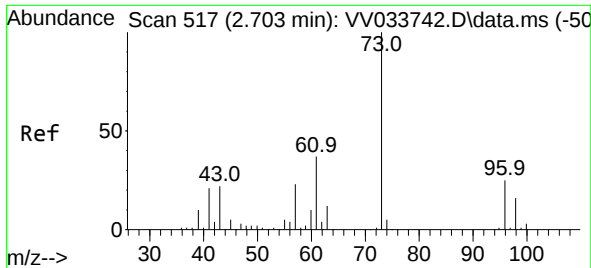
Ion Ratio Lower Upper

96 100

61 147.9 108.4 201.4

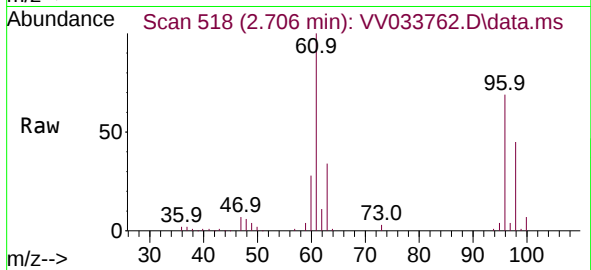
98 63.6 43.8 81.4



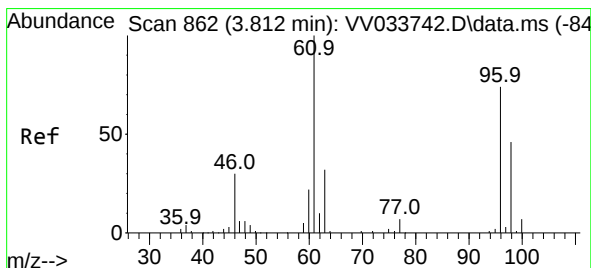
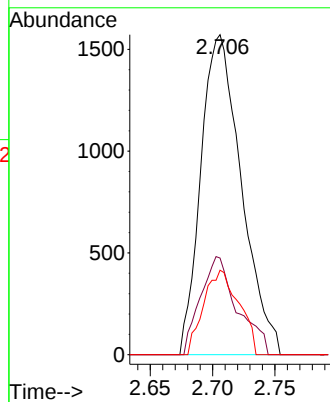
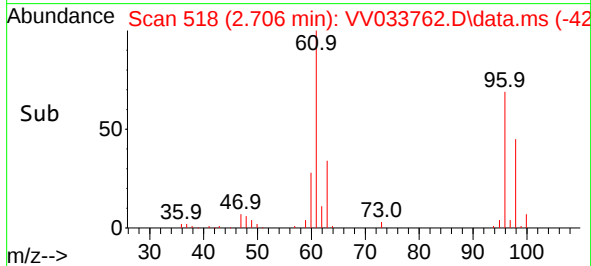


#18
Methyl tert-butyl Ether
Concen: 0.633 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033762.D
Acq: 19 Jan 2024 18:24

Instrument :
MSVOA_V
ClientSampleId :

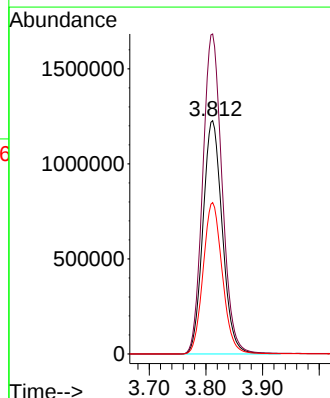
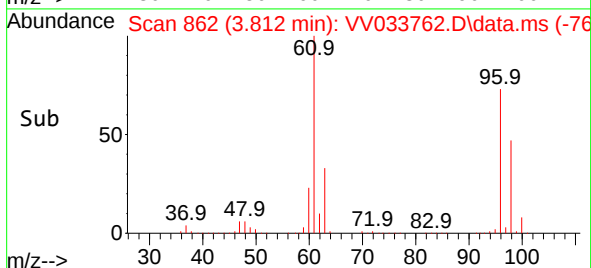
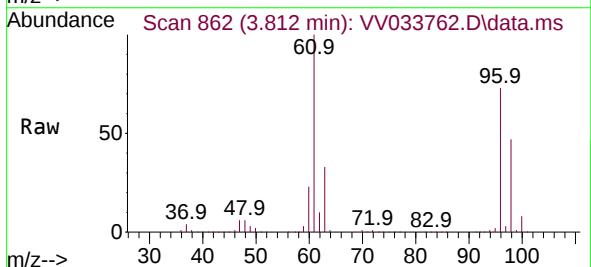


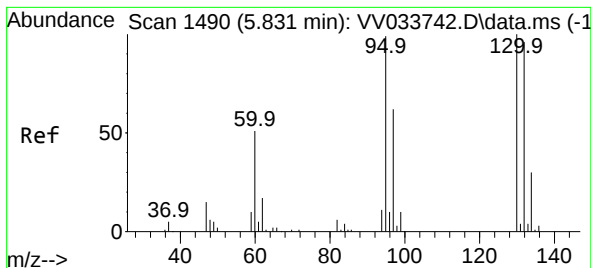
Tgt Ion: 73 Resp: 3550
Ion Ratio Lower Upper
73 100
43 28.1 17.4 26.2#
57 23.0 18.6 27.8



#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

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# 1490

Delta R.T. 0.003 min

Lab File: VV033762.D

Acq: 19 Jan 2024 18:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 4967945

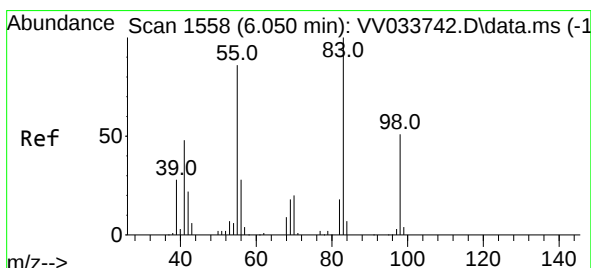
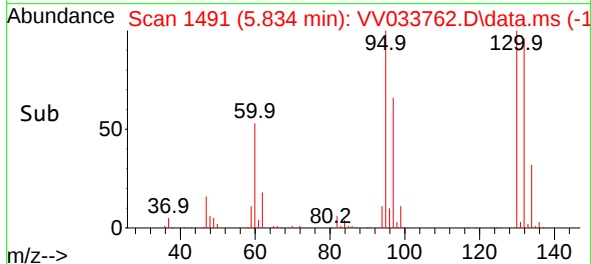
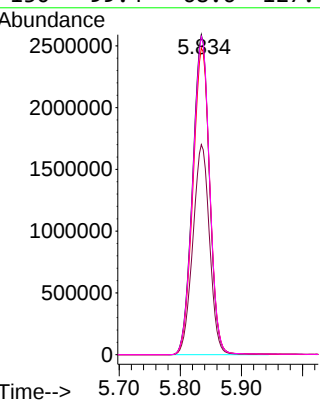
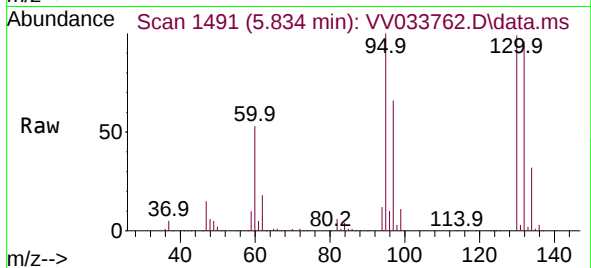
Ion Ratio Lower Upper

95 100

97 65.6 44.4 82.4

132 95.9 65.5 121.7

130 99.4 68.6 127.4



#35

Methylcyclohexane

Concen: 7.103 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV033762.D

Acq: 19 Jan 2024 18:24

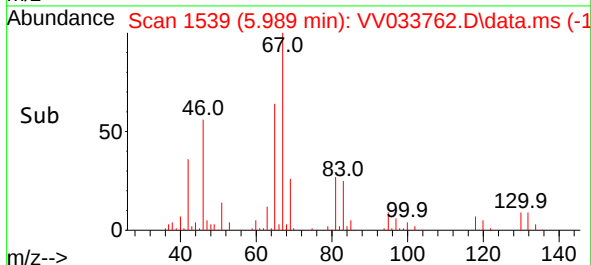
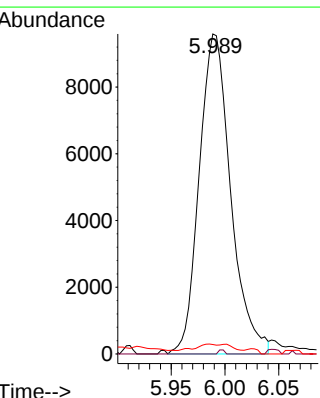
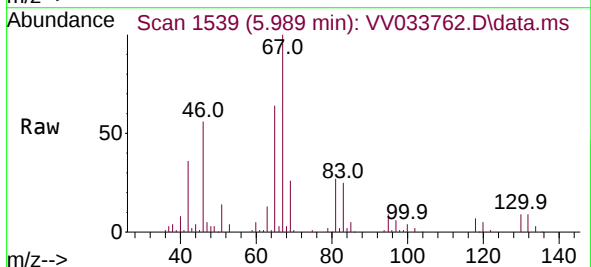
Tgt Ion: 83 Resp: 19529

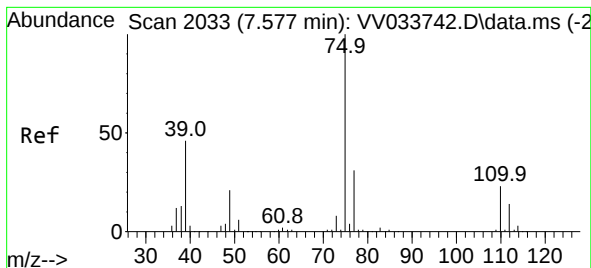
Ion Ratio Lower Upper

83 100

55 0.2 67.1 100.7#

98 0.8 37.7 56.5#





#44

trans-1,3-Dichloropropene

Concen: 0.777 ug/L

RT: 7.551 min Scan# 2033

Delta R.T. -0.026 min

Lab File: VV033762.D

Acq: 19 Jan 2024 18:24

Instrument :

MSVOA_V

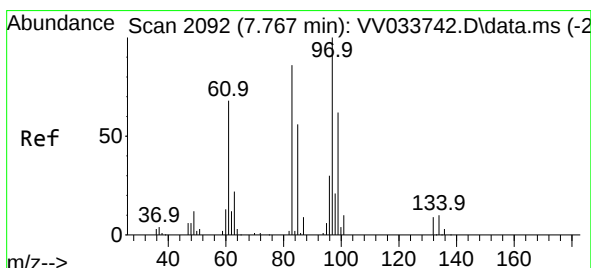
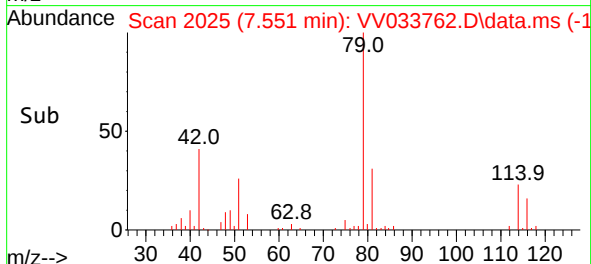
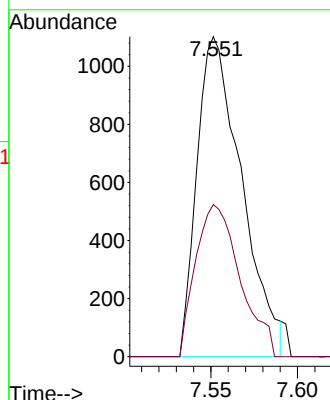
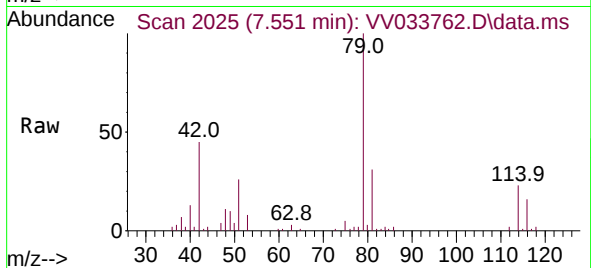
ClientSampleId :

Tgt Ion: 75 Resp: 1970

Ion Ratio Lower Upper

75 100

77 47.5 21.6 40.0#



#45

1,1,2-Trichloroethane

Concen: 87.979 ug/L

RT: 7.928 min Scan# 2142

Delta R.T. 0.161 min

Lab File: VV033762.D

Acq: 19 Jan 2024 18:24

Tgt Ion: 97 Resp: 131557

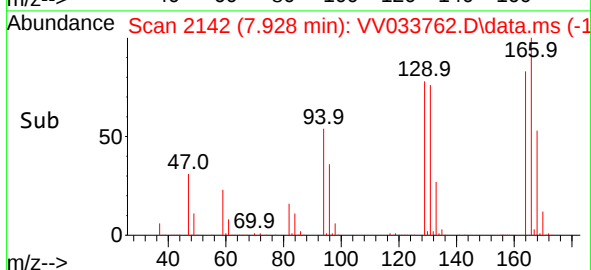
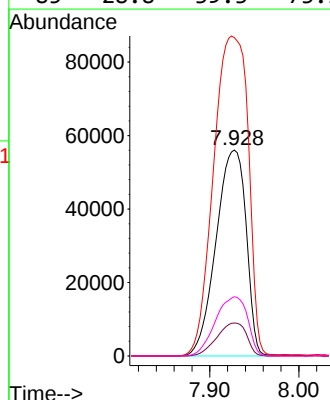
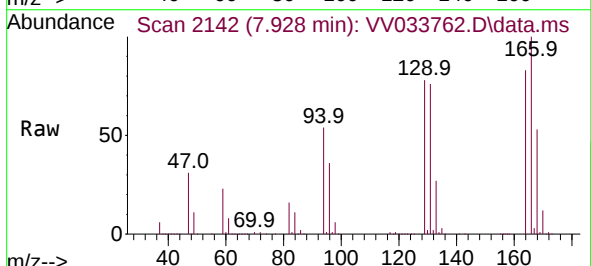
Ion Ratio Lower Upper

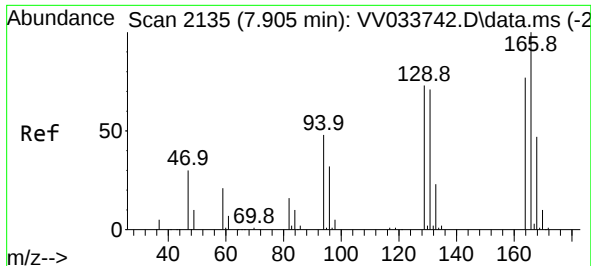
97 100

99 16.0 42.8 79.6#

83 154.6 61.2 113.8#

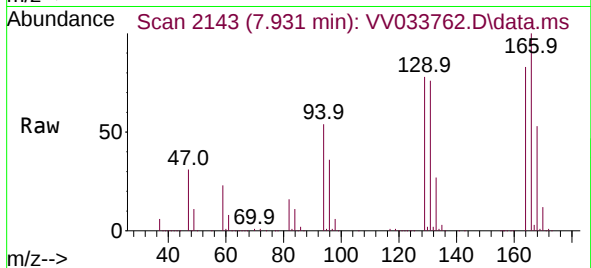
85 28.8 39.3 73.1#





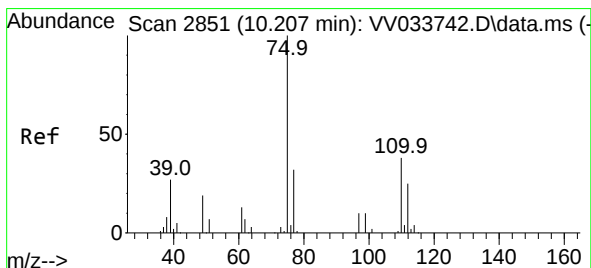
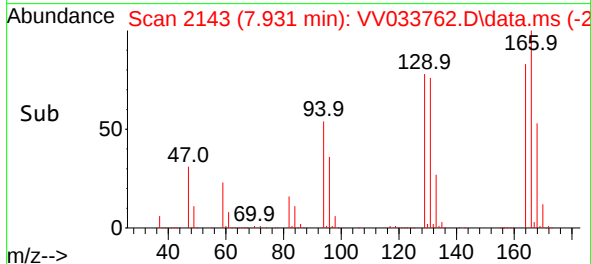
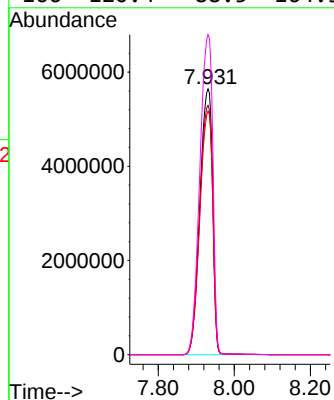
#46
Tetrachloroethene
Concen: 11219.559 ug/L
RT: 7.931 min Scan# 2135
Delta R.T. 0.026 min
Lab File: VV033762.D
Acq: 19 Jan 2024 18:24

Instrument :
MSVOA_V
ClientSampleId :



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



#61
1,2,3-Trichloropropane
Concen: 6.837 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV033762.D
Acq: 19 Jan 2024 18:24

Tgt Ion: 75 Resp: 13610

Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.3	37.9
110	3.4	29.5	44.3

