

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034701.D
 Acq On : 18 Mar 2024 17:31
 Operator : SY/MD
 Sample : P1752-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 19 02:55:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

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

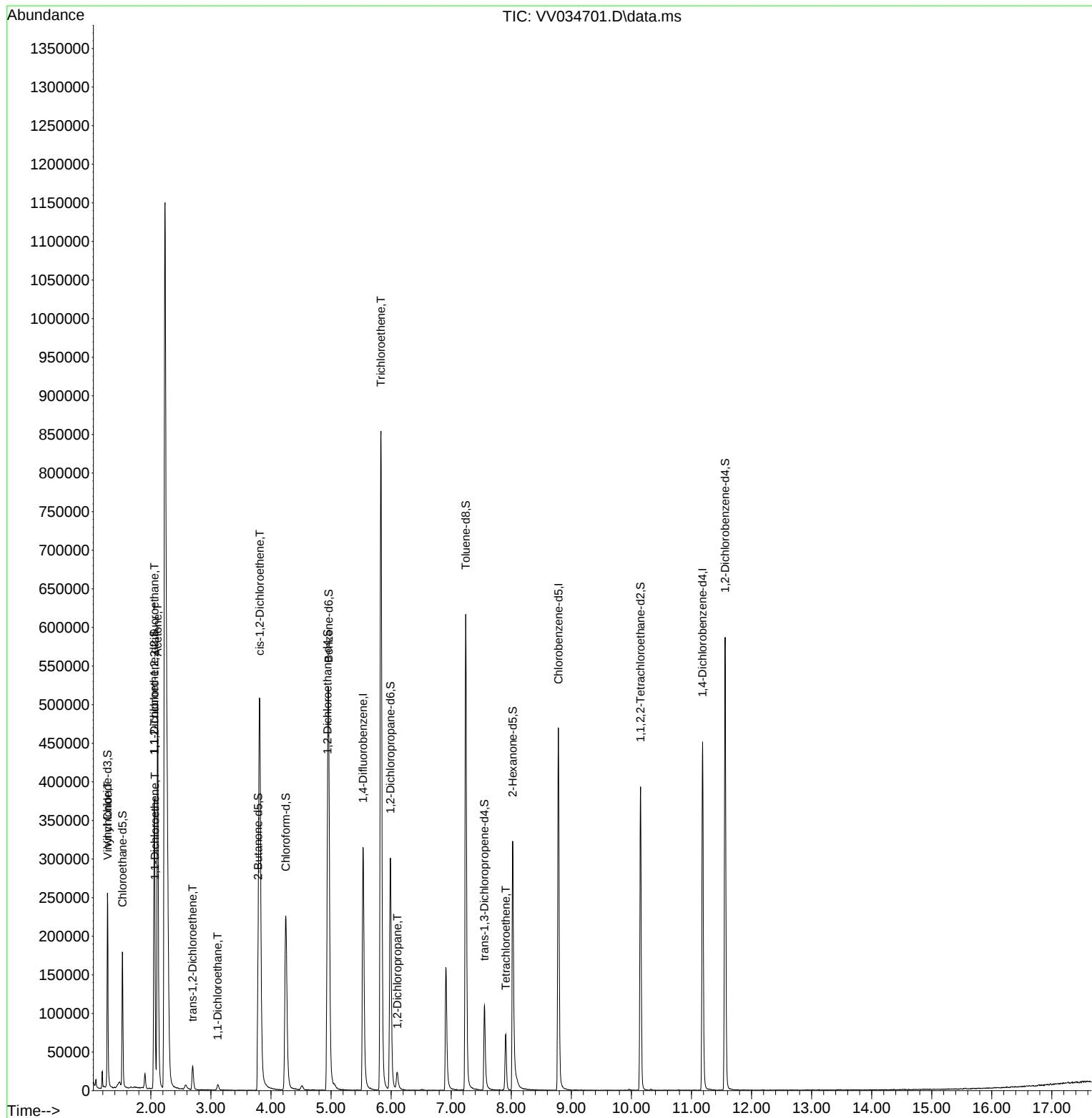
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	273378	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	252381	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	117833	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	143129	60.395	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.780%
7) Chloroethane-d5	1.526	69	111362	60.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.640%
11) 1,1-Dichloroethene-d2	2.056	65	60203	56.171	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.340%
21) 2-Butanone-d5	3.786	46	183223	115.609	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.610%
24) Chloroform-d	4.246	84	236043	56.332	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.660%
26) 1,2-Dichloroethane-d4	4.940	65	158580	57.914	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.820%
32) Benzene-d6	4.960	84	461664	60.610	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.220%
36) 1,2-Dichloropropane-d6	5.989	67	143521	61.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	123.480%#
41) Toluene-d8	7.243	98	406917	59.034	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.060%
43) trans-1,3-Dichloroprop...	7.554	79	67555	57.872	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.740%
47) 2-Hexanone-d5	8.024	63	111041	95.661	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.660%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	183737	60.063	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.120%#
66) 1,2-Dichlorobenzene-d4	11.561	152	145851	60.556	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.120%#
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	19191	7.016	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	2034	0.921	ug/L #	32
12) 1,1-Dichloroethene	2.069	96	10832	5.292	ug/L #	1
13) Acetone	2.111	43	523252	274.638	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	11811	5.961	ug/L	95
19) 1,1-Dichloroethane	3.114	63	7862	2.026	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	262145	121.943	ug/L	96
34) Trichloroethene	5.831	95	296064	132.954	ug/L	97
37) 1,2-Dichloropropane	6.104	63	9856	4.805	ug/L #	91
46) Tetrachloroethene	7.908	164	15809	9.546	ug/L	95

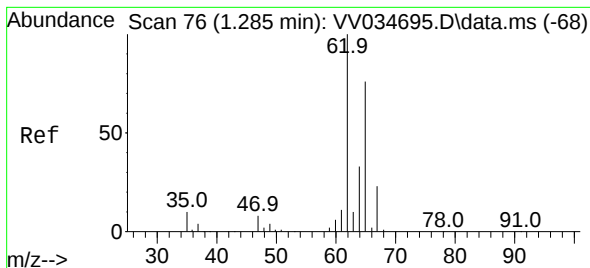
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Mar 19 02:53:17 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.016 ug/L

RT: 1.281 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV034701.D

Acq: 18 Mar 2024 17:31

Instrument :

MSVOA_V

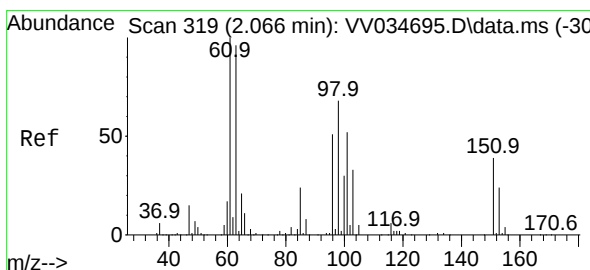
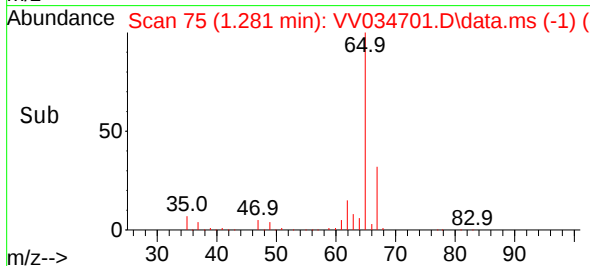
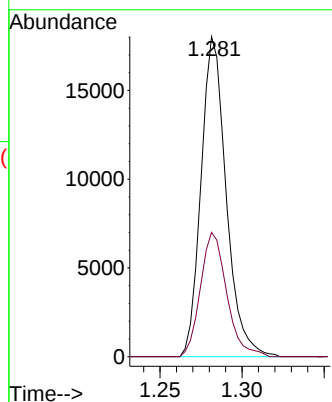
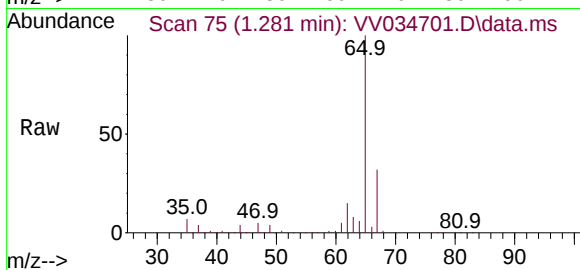
ClientSampleId :

Tgt Ion: 62 Resp: 19191

Ion Ratio Lower Upper

62 100

64 38.9 23.4 43.6



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.921 ug/L

RT: 2.059 min Scan# 317

Delta R.T. -0.006 min

Lab File: VV034701.D

Acq: 18 Mar 2024 17:31

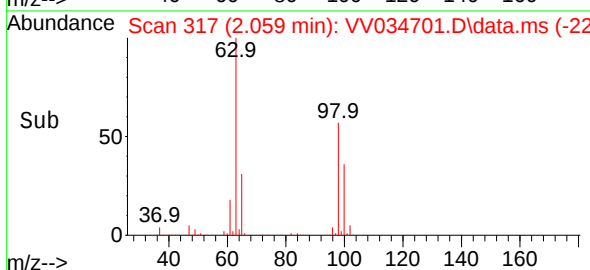
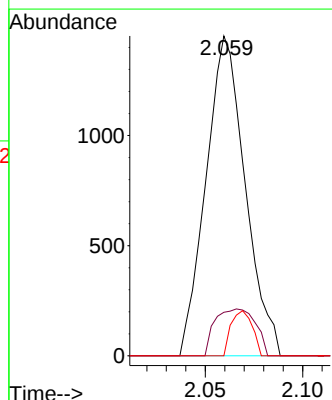
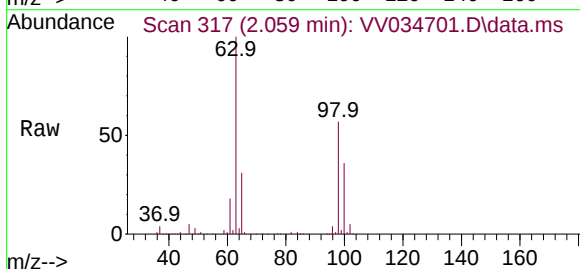
Tgt Ion: 101 Resp: 2034

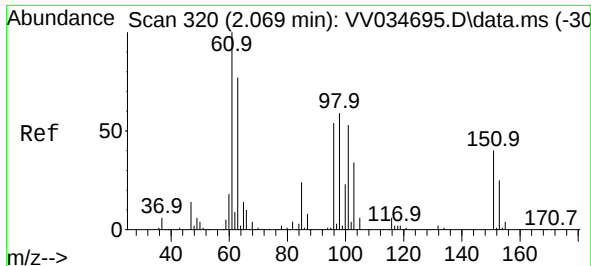
Ion Ratio Lower Upper

101 100

85 15.0 37.4 56.0#

151 7.6 61.4 92.2#





#12

1,1-Dichloroethene

Concen: 5.292 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

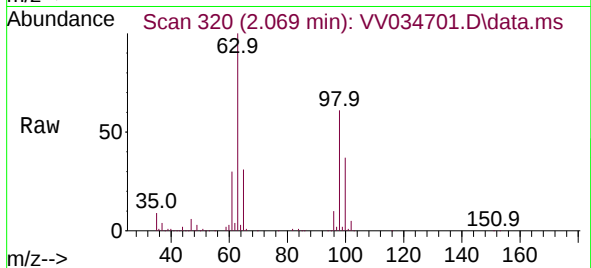
Lab File: VV034701.D

Acq: 18 Mar 2024 17:31

Instrument :

MSVOA_V

ClientSampleId :



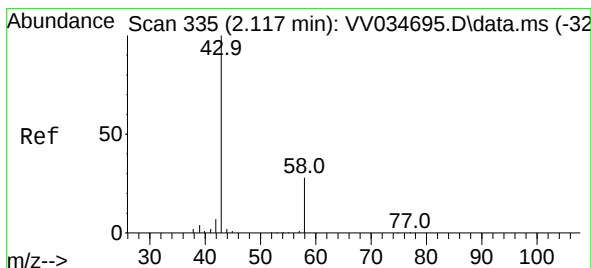
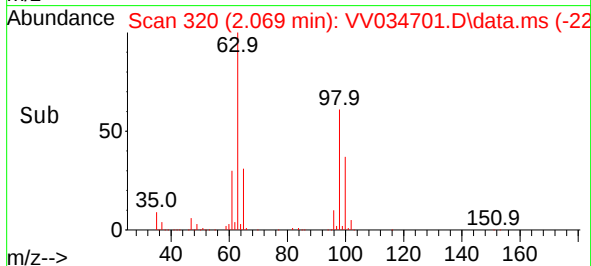
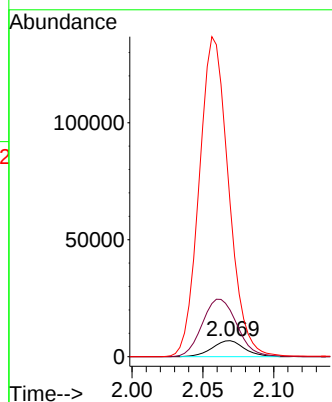
Tgt Ion: 96 Resp: 10832

Ion Ratio Lower Upper

96 100

61 290.8 128.9 239.3#

63 955.8 98.0 182.0#



#13

Acetone

Concen: 274.638 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.006 min

Lab File: VV034701.D

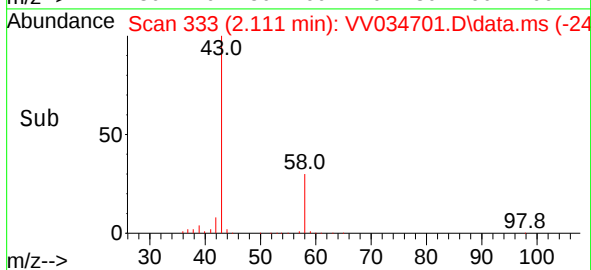
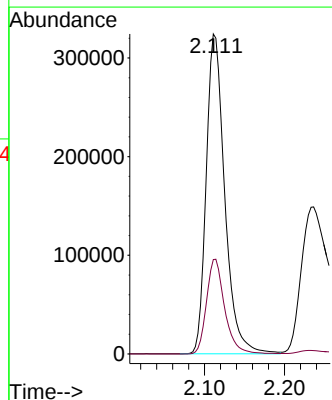
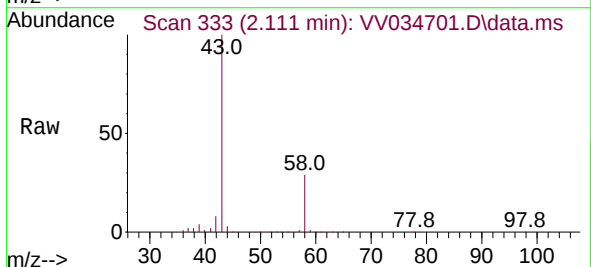
Acq: 18 Mar 2024 17:31

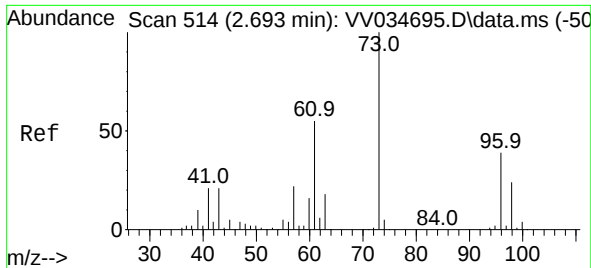
Tgt Ion: 43 Resp: 523252

Ion Ratio Lower Upper

43 100

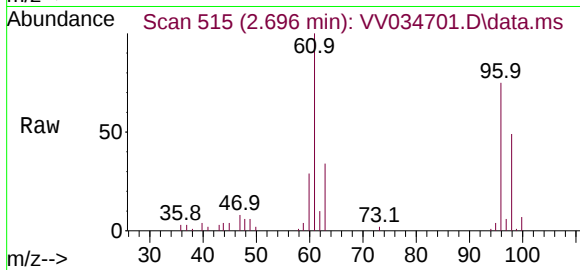
58 29.1 0.0 57.2



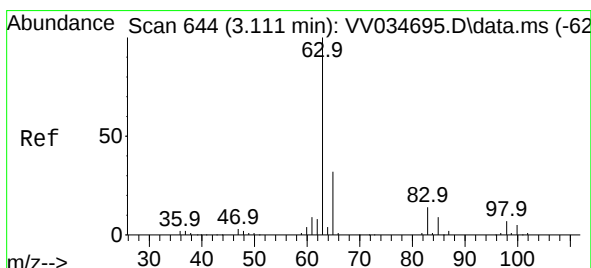
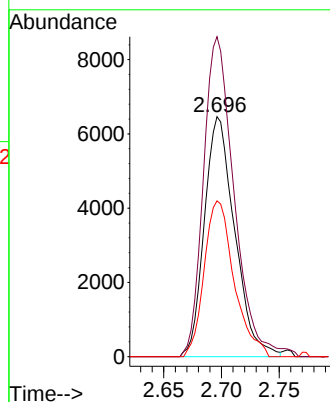
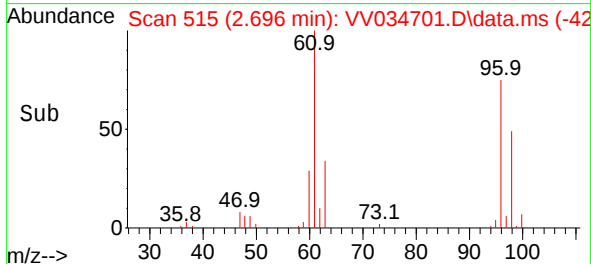


#17
trans-1,2-Dichloroethene
Concen: 5.961 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV034701.D
Acq: 18 Mar 2024 17:31

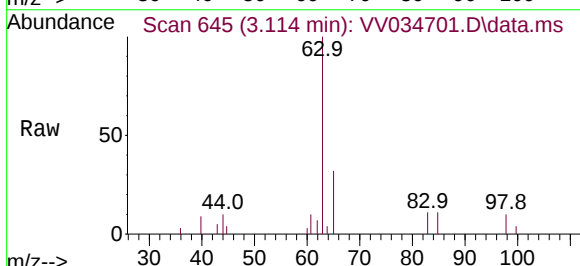
Instrument :
MSVOA_V
ClientSampleId :



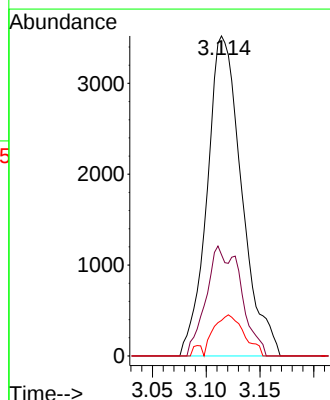
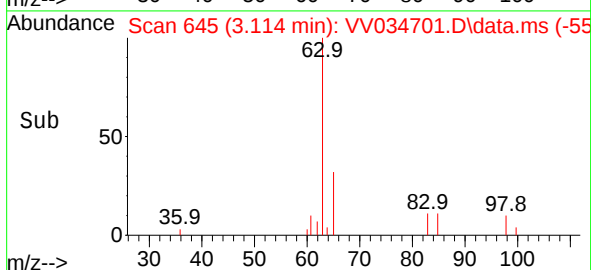
Tgt Ion:	96	Resp:	11811
Ion	Ratio	Lower	Upper
96	100		
61	133.3	98.8	183.4
98	64.9	46.1	85.5

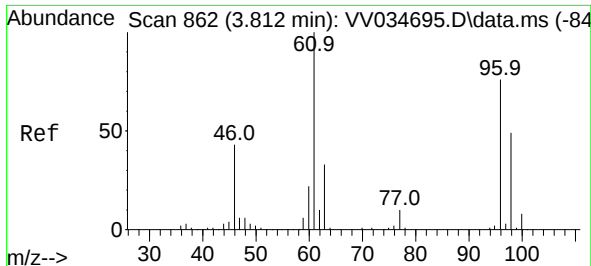


#19
1,1-Dichloroethane
Concen: 2.026 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV034701.D
Acq: 18 Mar 2024 17:31



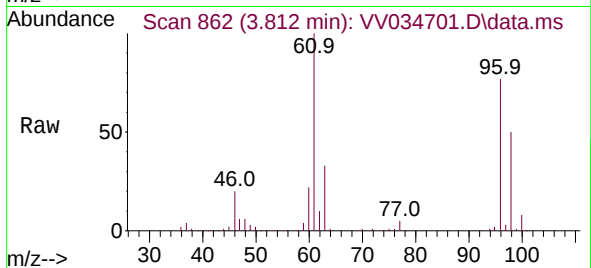
Tgt Ion:	63	Resp:	7862
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.1	41.1
83	11.1	9.9	18.3



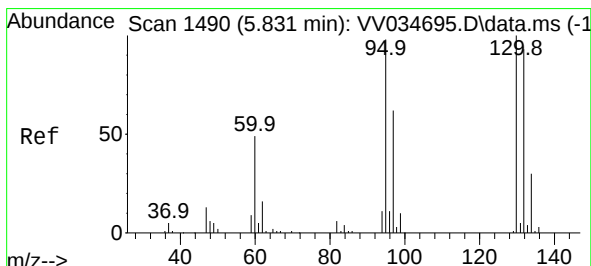
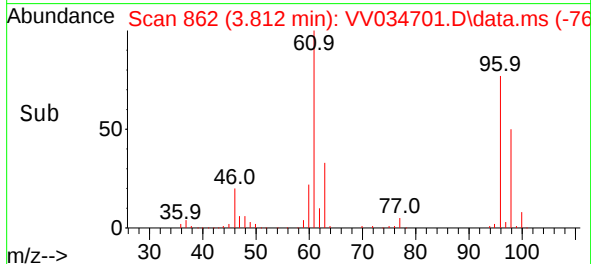
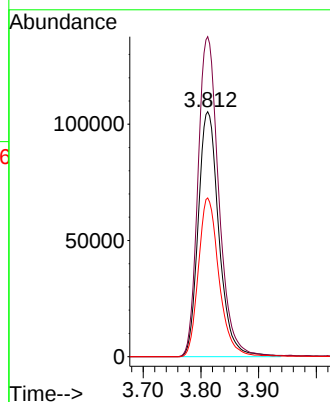


#20
cis-1,2-Dichloroethene
Concen: 121.943 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV034701.D
Acq: 18 Mar 2024 17:31

Instrument :
MSVOA_V
ClientSampleId :

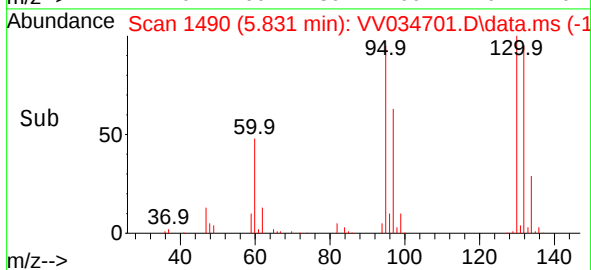
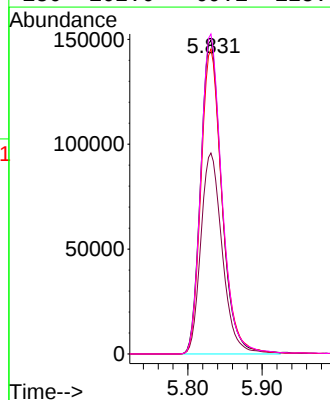
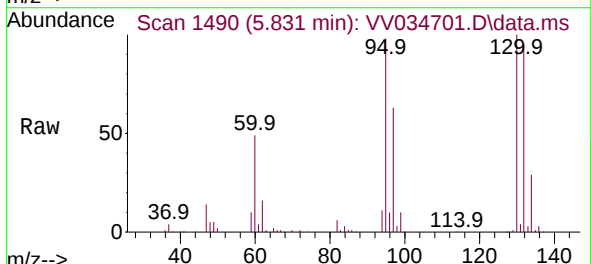


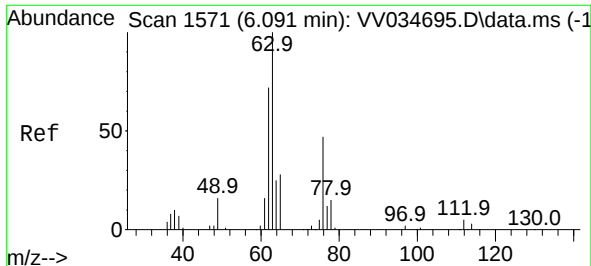
Tgt Ion: 96 Resp: 262145
Ion Ratio Lower Upper
96 100
61 130.6 96.0 178.4
98 64.8 46.0 85.4



#34
Trichloroethene
Concen: 132.954 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV034701.D
Acq: 18 Mar 2024 17:31

Tgt Ion: 95 Resp: 296064
Ion Ratio Lower Upper
95 100
97 64.1 44.7 83.1
132 97.2 65.3 121.3
130 102.0 69.1 128.3

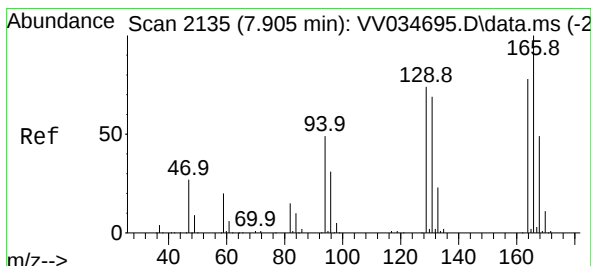
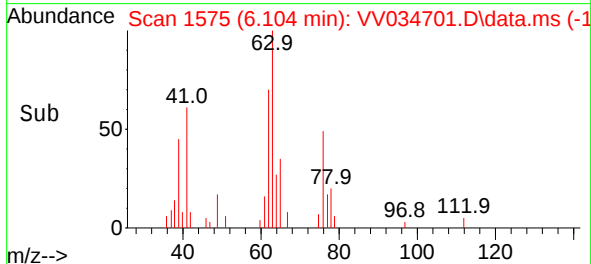
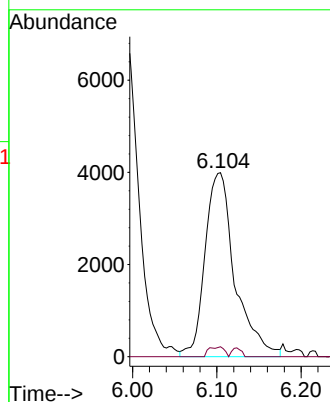
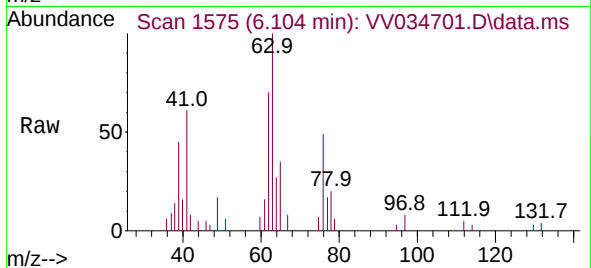




#37
1,2-Dichloropropane
Concen: 4.805 ug/L
RT: 6.104 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV034701.D
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MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 9856
Ion Ratio Lower Upper
63 100
112 1.4 3.5 5.3#



#46
Tetrachloroethene
Concen: 9.546 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV034701.D
Acq: 18 Mar 2024 17:31

Tgt Ion:164 Resp: 15809
Ion Ratio Lower Upper
164 100
129 94.2 65.7 121.9
131 95.9 62.2 115.6
166 135.2 89.7 166.7

