

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023705.D
 Acq On : 24 Nov 2021 17:04
 Operator : SY/MD
 Sample : M4821-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 01:55:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

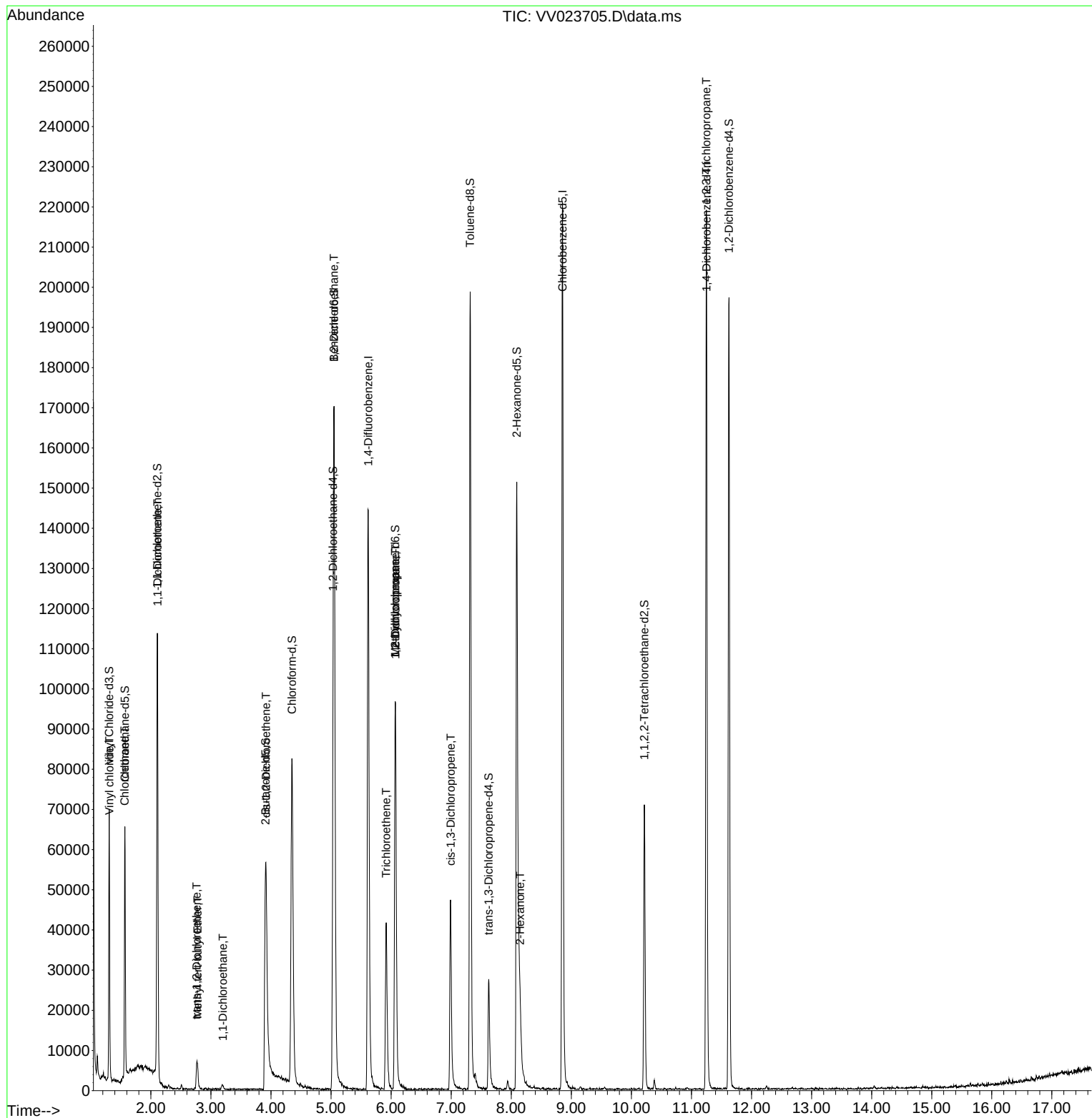
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130295	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59841	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40000	3.740	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.568	69	36014	4.283	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.600%	
11) 1,1-Dichloroethene-d2	2.108	63	56987	3.023	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.400%	
20) 2-Butanone-d5	3.908	46	52818	41.077	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.160%	
24) Chloroform-d	4.349	84	82060	4.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.034	65	40710	4.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	5.050	84	154293	4.408	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.069	67	46181	4.706	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.317	98	133680	4.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	7.625	79	17648	4.461	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.091	63	65750	50.025	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33008	4.674	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54016	5.106	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	1579	0.140	ug/L #	35
8) Chloroethane	1.564	64	1628	0.228	ug/L #	44
12) 1,1-Dichloroethene	2.111	96	681	0.078	ug/L #	1
17) Methyl tert-butyl Ether	2.777	73	5915	0.331	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	629	0.063	ug/L	72
19) 1,1-Dichloroethane	3.198	63	1268	0.076	ug/L #	90
22) cis-1,2-Dichloroethene	3.915	96	21365	2.241	ug/L	99
27) 1,2-Dichloroethane	5.050	62	1029	0.104	ug/L #	73
34) Trichloroethene	5.918	95	14353	1.462	ug/L	98
35) Methylcyclohexane	6.069	83	12102	0.791	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5561	0.639	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1249	0.101	ug/L #	52
48) 2-Hexanone	8.146	43	2949	0.960	ug/L #	62
61) 1,2,3-Trichloropropane	11.246	75	6073	1.431	ug/L #	65

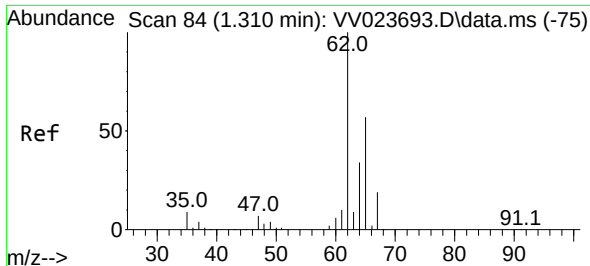
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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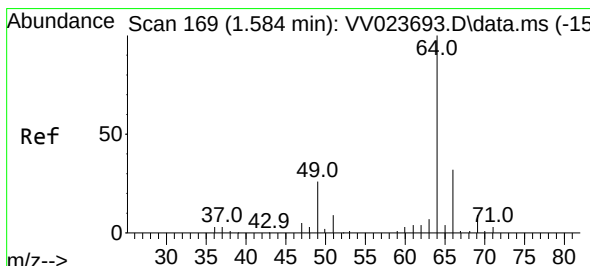
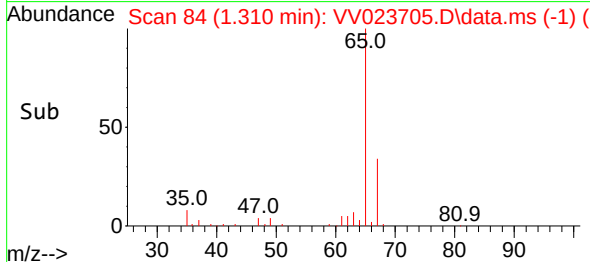
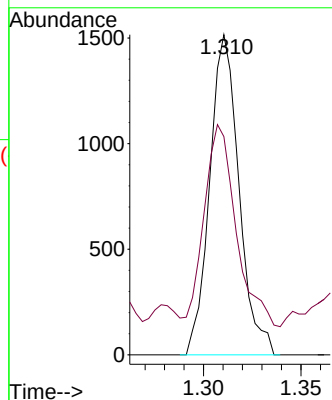
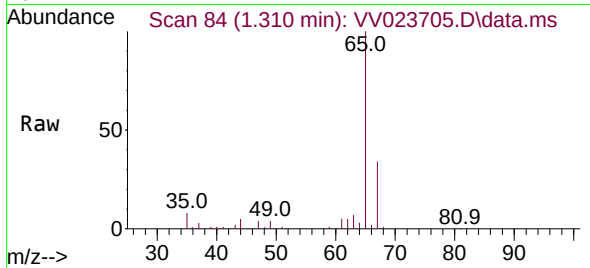




#5
 Vinyl chloride
 Concen: 0.140 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023705.D
 Acq: 24 Nov 2021 17:04

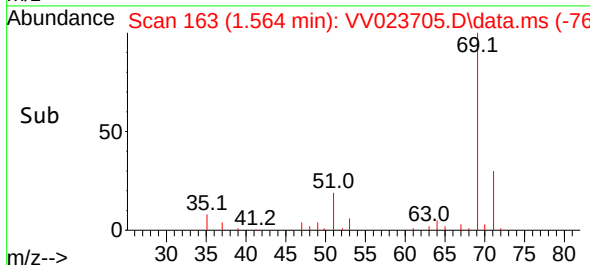
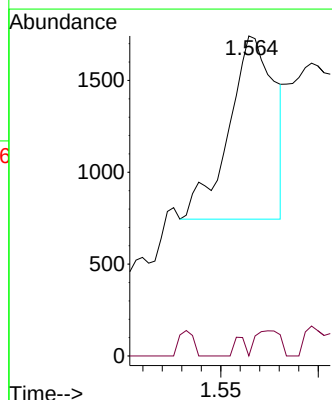
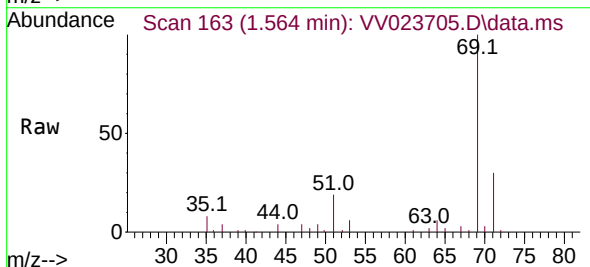
Instrument :
 MSVOA_V
 ClientSampleId :

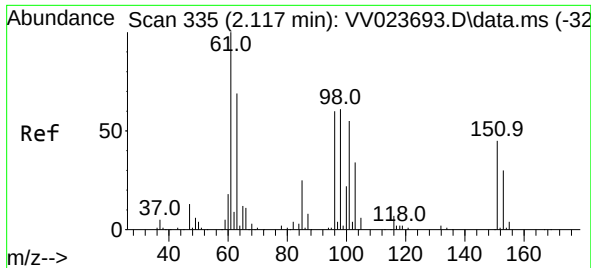
Tgt Ion: 62 Resp: 1579
 Ion Ratio Lower Upper
 62 100
 64 68.1 22.4 41.6#



#8
 Chloroethane
 Concen: 0.228 ug/L
 RT: 1.564 min Scan# 163
 Delta R.T. -0.019 min
 Lab File: VV023705.D
 Acq: 24 Nov 2021 17:04

Tgt Ion: 64 Resp: 1628
 Ion Ratio Lower Upper
 64 100
 66 0.0 21.4 39.8#

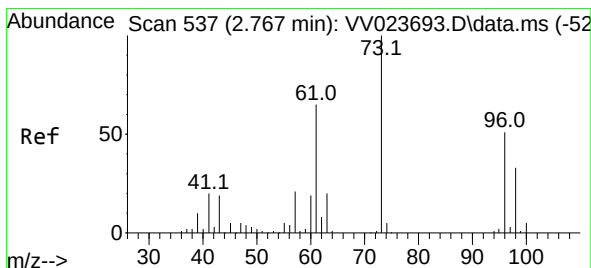
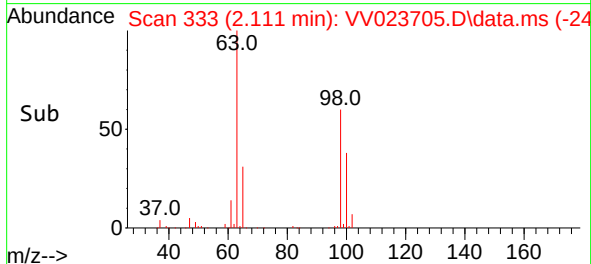
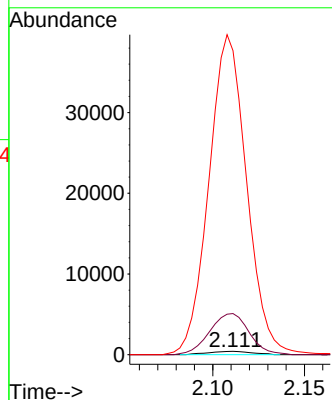
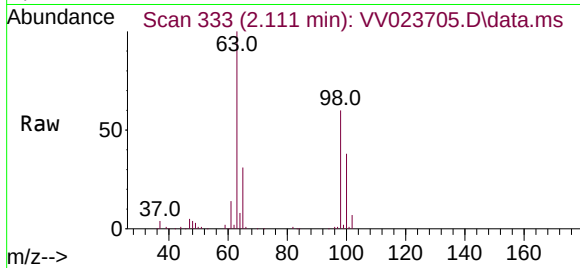




#12
1,1-Dichloroethene
Concen: 0.078 ug/L
RT: 2.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV023705.D
Acq: 24 Nov 2021 17:04

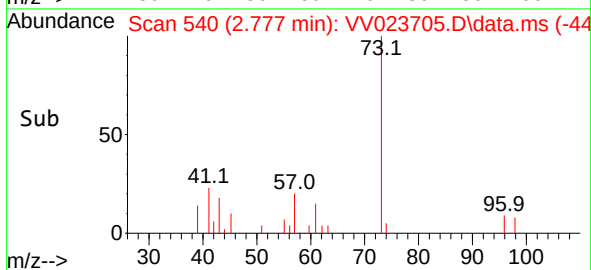
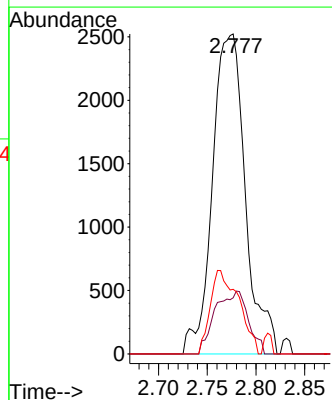
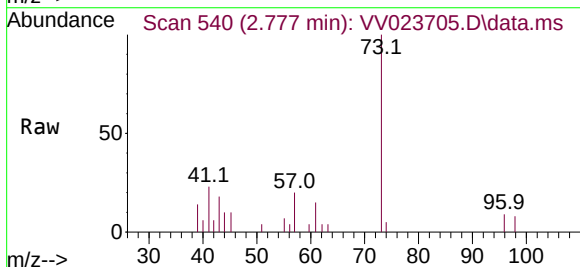
Instrument :
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ClientSampleId :

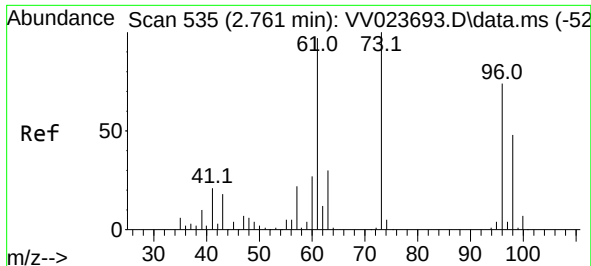
Tgt Ion: 96 Resp: 681
Ion Ratio Lower Upper
96 100
61 1244.3 116.1 215.5#
63 9212.7 79.4 147.4#



#17
Methyl tert-butyl Ether
Concen: 0.331 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.010 min
Lab File: VV023705.D
Acq: 24 Nov 2021 17:04

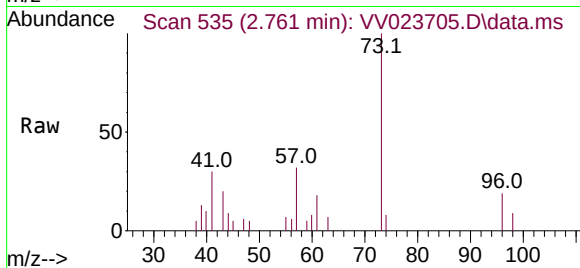
Tgt Ion: 73 Resp: 5915
Ion Ratio Lower Upper
73 100
43 19.8 15.5 23.3
57 22.7 17.1 25.7





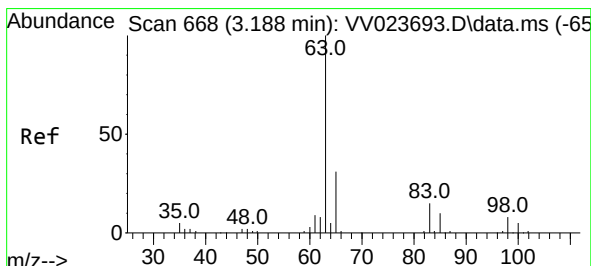
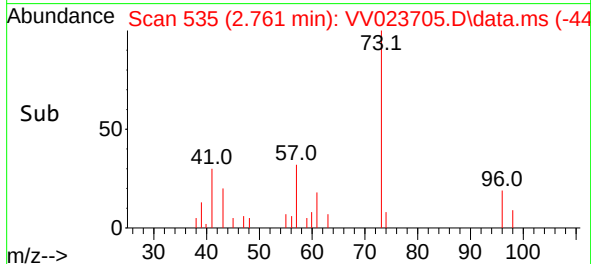
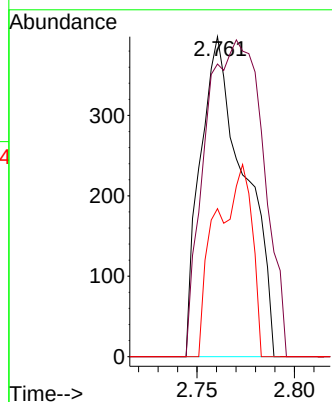
#18
trans-1,2-Dichloroethene
Concen: 0.063 ug/L
RT: 2.761 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV023705.D
Acq: 24 Nov 2021 17:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 629

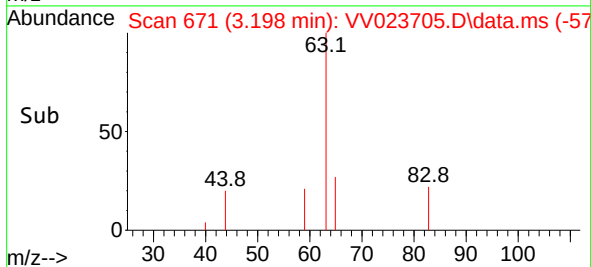
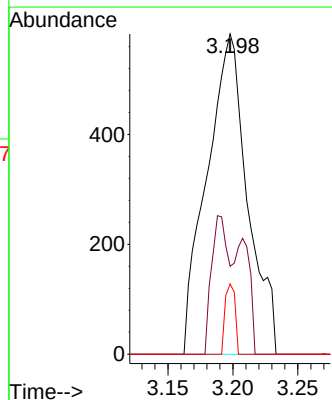
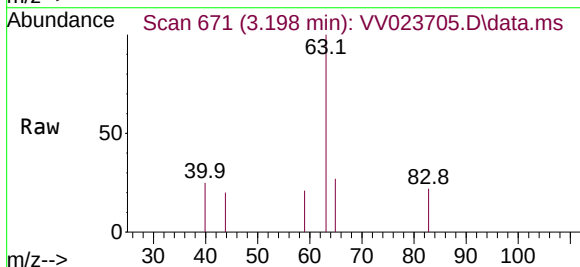
Ion	Ratio	Lower	Upper
96	100		
61	91.5	88.2	163.8
98	46.2	44.9	83.5

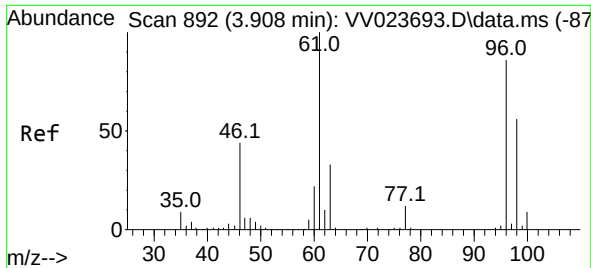


#19
1,1-Dichloroethane
Concen: 0.076 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.010 min
Lab File: VV023705.D
Acq: 24 Nov 2021 17:04

Tgt Ion: 63 Resp: 1268

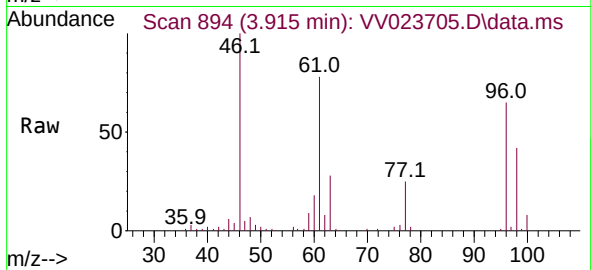
Ion	Ratio	Lower	Upper
63	100		
65	27.4	22.3	41.3
83	22.0	10.7	19.9



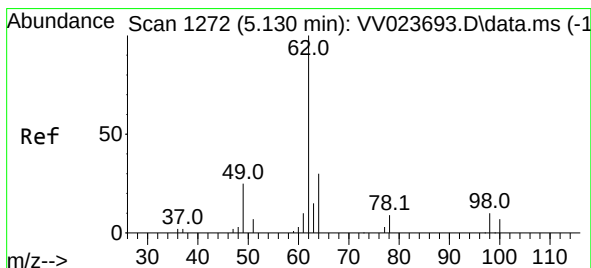
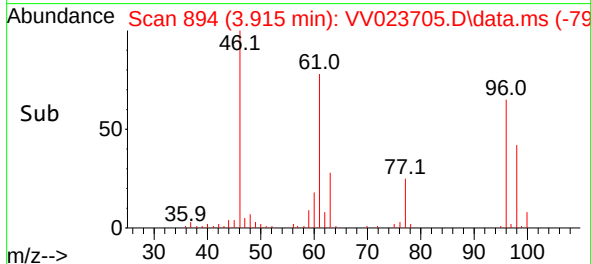
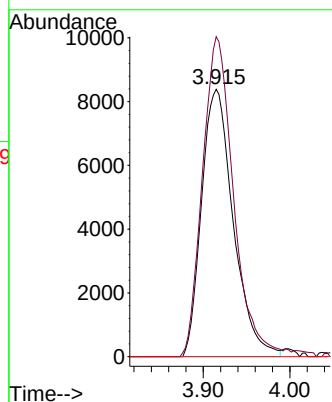


#22
 cis-1,2-Dichloroethene
 Concen: 2.241 ug/L
 RT: 3.915 min Scan# 89
 Delta R.T. 0.006 min
 Lab File: VV023705.D
 Acq: 24 Nov 2021 17:04

Instrument :
 MSVOA_V
 ClientSampleId :

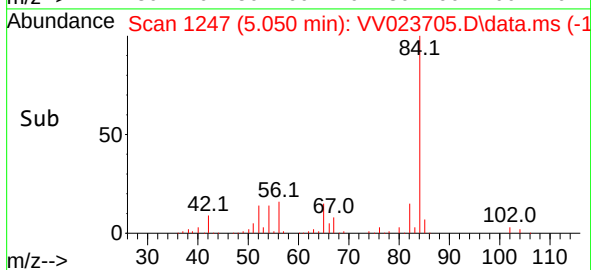
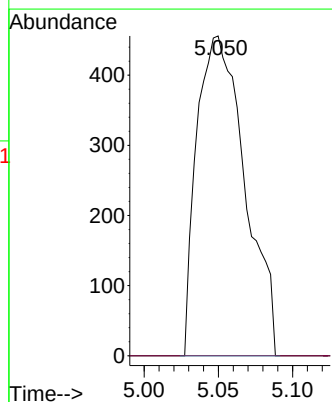
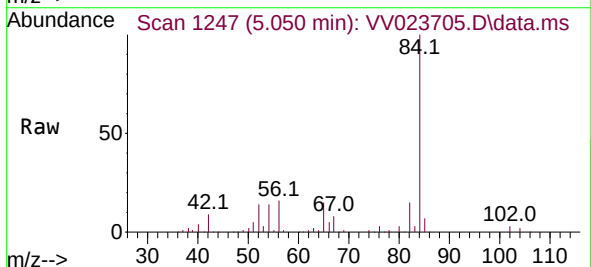


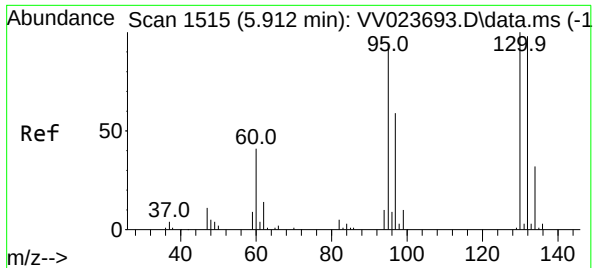
Tgt Ion: 96 Resp: 21365
 Ion Ratio Lower Upper
 96 100
 61 119.7 83.4 154.8
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.104 ug/L
 RT: 5.050 min Scan# 1247
 Delta R.T. -0.080 min
 Lab File: VV023705.D
 Acq: 24 Nov 2021 17:04

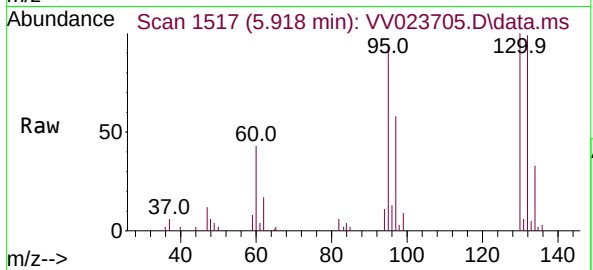
Tgt Ion: 62 Resp: 1029
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.1 12.1#





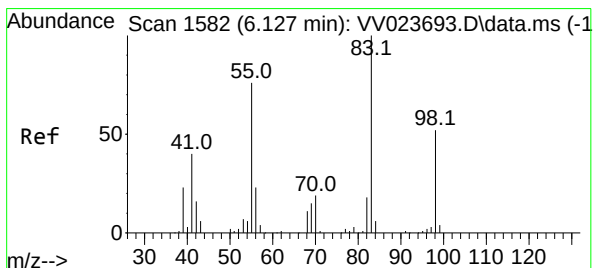
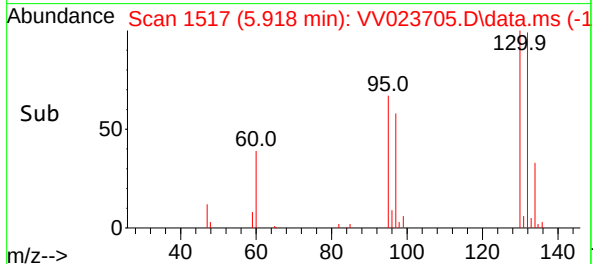
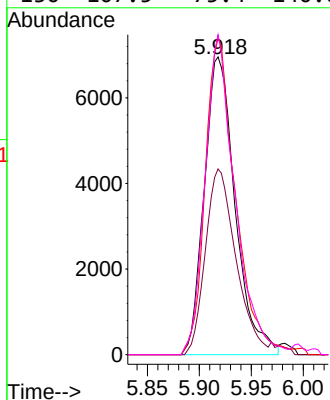
#34
Trichloroethene
Concen: 1.462 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023705.D
Acq: 24 Nov 2021 17:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 14353

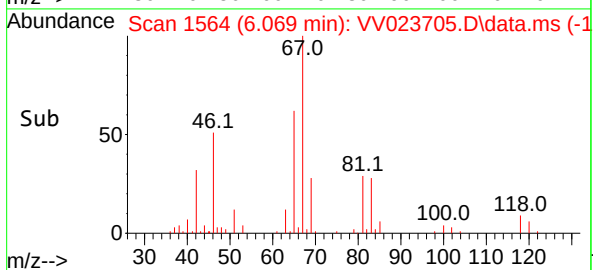
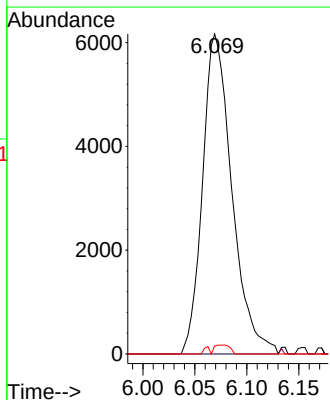
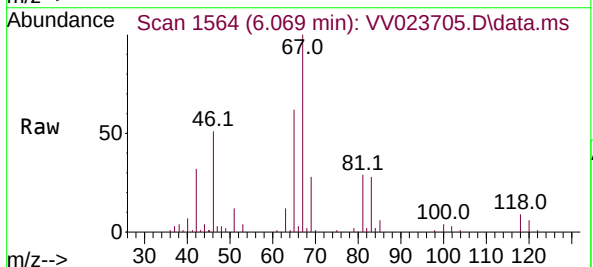
Ion	Ratio	Lower	Upper
95	100		
97	62.4	45.2	84.0
132	106.3	76.1	141.3
130	107.5	75.4	140.0

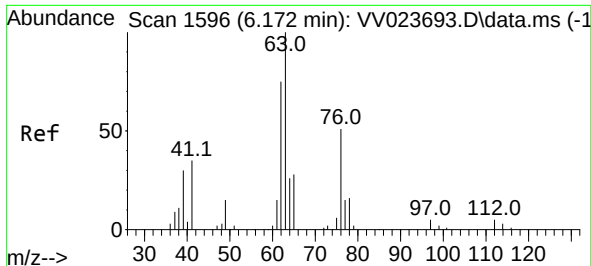


#35
Methylcyclohexane
Concen: 0.791 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV023705.D
Acq: 24 Nov 2021 17:04

Tgt Ion: 83 Resp: 12102

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.2#
98	0.4	41.0	61.4#





#37

1,2-Dichloropropane

Concen: 0.639 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV023705.D

Acq: 24 Nov 2021 17:04

Instrument :

MSVOA_V

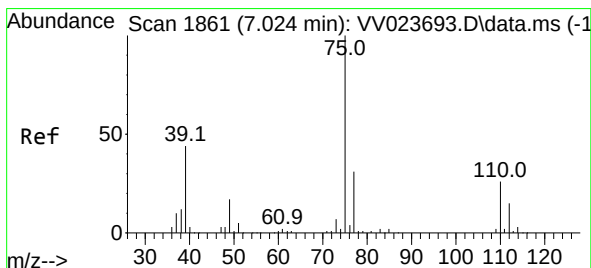
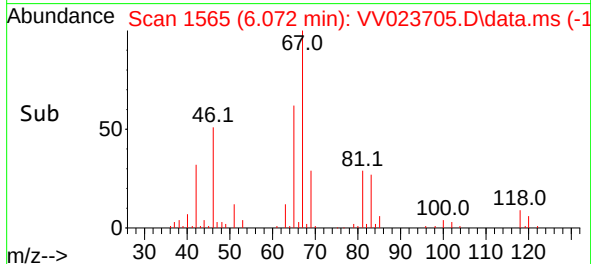
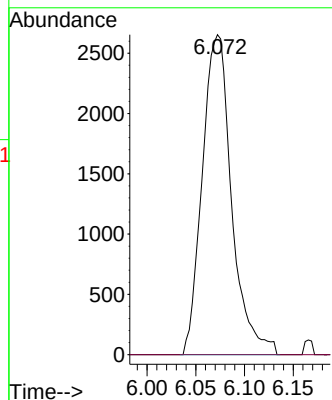
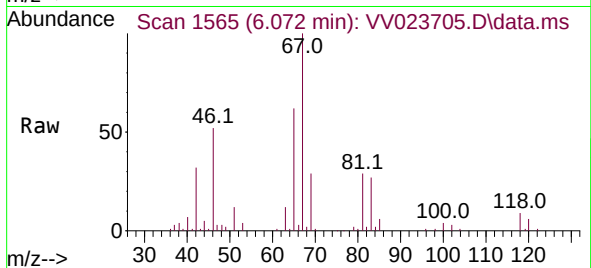
ClientSampleId :

Tgt Ion: 63 Resp: 5561

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV023705.D

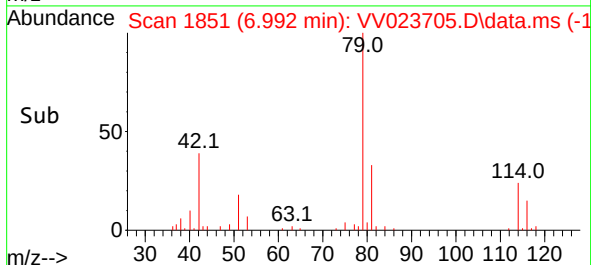
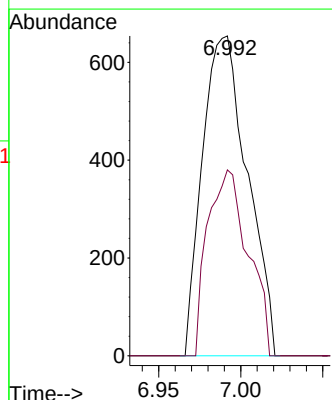
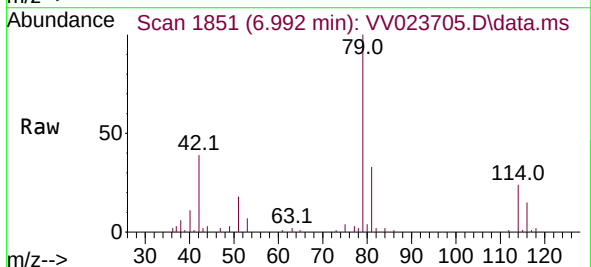
Acq: 24 Nov 2021 17:04

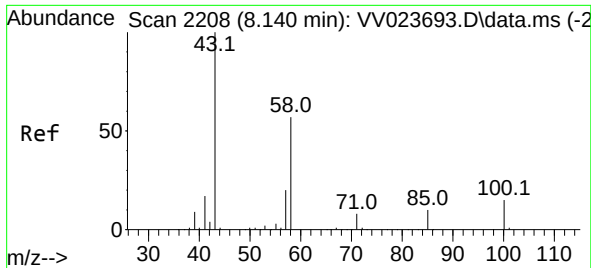
Tgt Ion: 75 Resp: 1249

Ion Ratio Lower Upper

75 100

77 58.1 22.0 41.0#

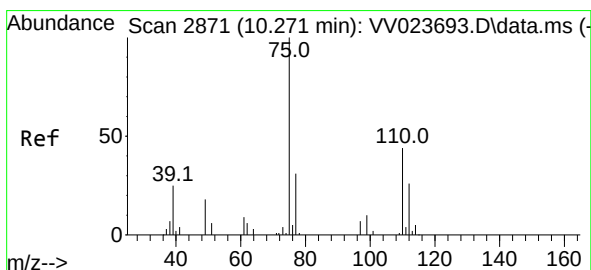
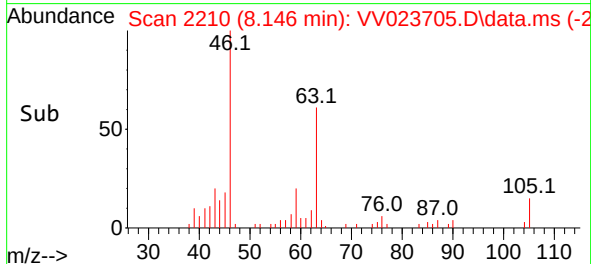
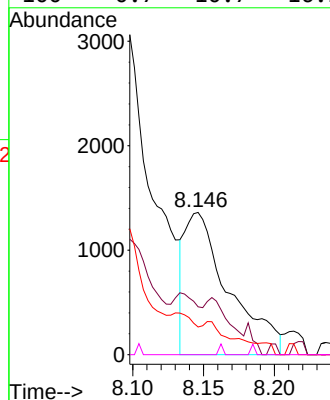
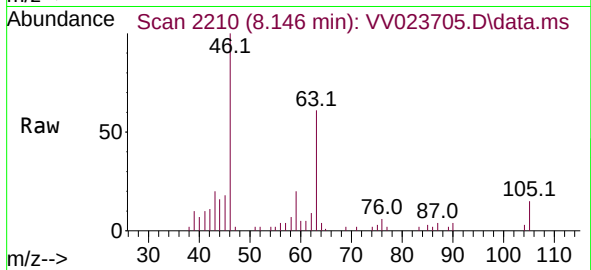




#48
2-Hexanone
Concen: 0.960 ug/L
RT: 8.146 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023705.D
Acq: 24 Nov 2021 17:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43	Resp: 2949
Ion Ratio	Lower Upper
43 100	
58 25.1	44.5 66.7#
57 5.8	15.1 22.7#
100 0.7	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 1.431 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV023705.D
Acq: 24 Nov 2021 17:04

Tgt Ion: 75	Resp: 6073
Ion Ratio	Lower Upper
75 100	
77 34.7	26.4 39.6
110 4.2	34.2 51.2#

