

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023616.D
 Acq On : 18 Nov 2021 20:04
 Operator : SY/MD
 Sample : M4694-10DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 04:09:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 03:51:44 2021
 Response via : Initial Calibration

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

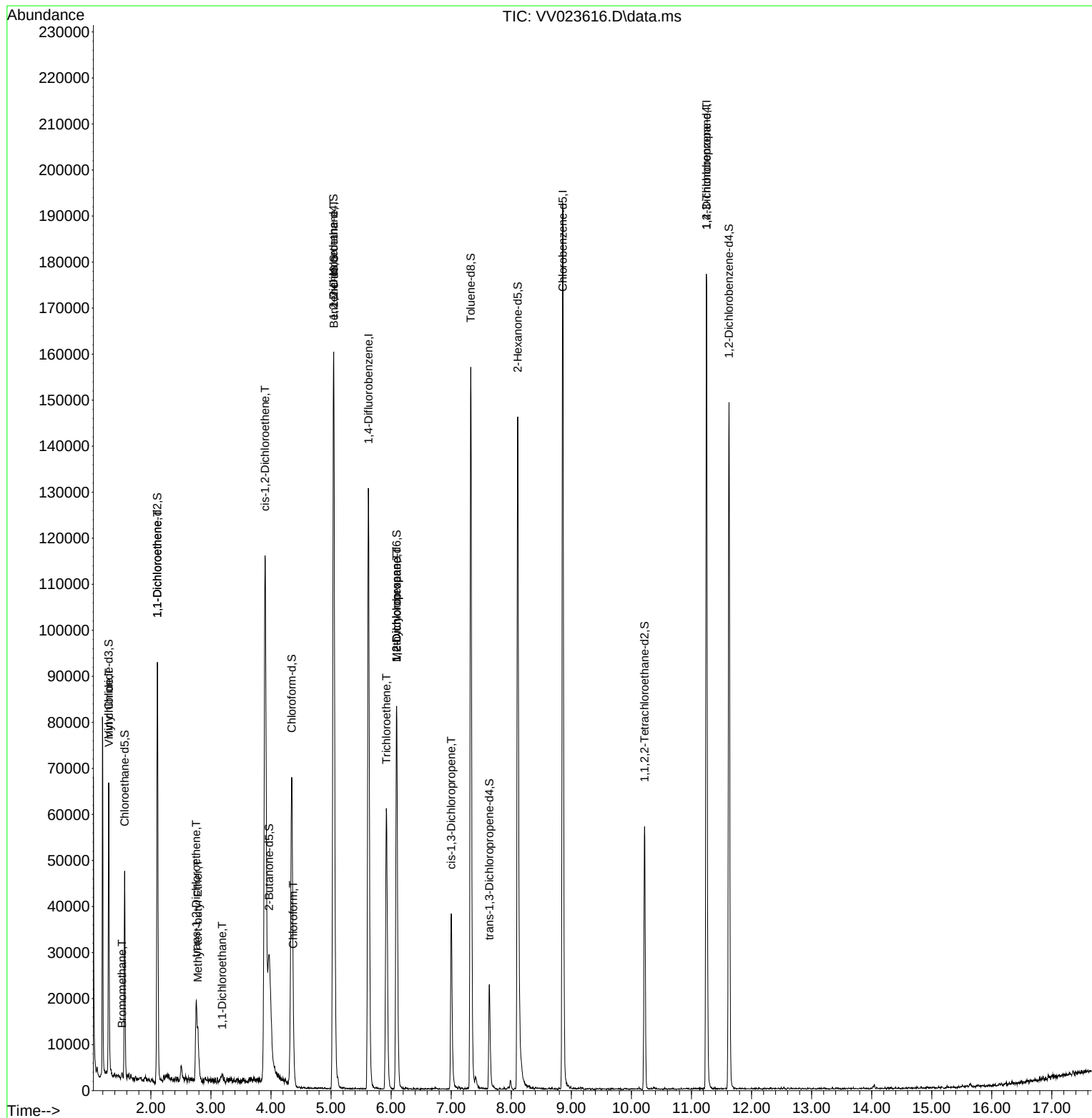
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	112012	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	107720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48105	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	30388	4.331	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.564	69	25670	4.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.108	63	45255	3.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.969	46	69562	57.540	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.080%
24) Chloroform-d	4.346	84	65705	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.040	65	33478	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.047	84	128514	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.091	67	37863	4.654	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.326	98	104540	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.635	79	13188	4.275	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.107	63	49228	43.370	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.740%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	26361	4.505	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	39869	4.977	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.301	62	8351	0.900	ug/L	85
6) Bromomethane	1.519	94	360	0.061	ug/L	98
12) 1,1-Dichloroethene	2.108	96	603	0.090	ug/L #	1
17) Methyl tert-butyl Ether	2.783	73	8966	0.610	ug/L #	91
18) trans-1,2-Dichloroethene	2.754	96	5835	0.711	ug/L	95
19) 1,1-Dichloroethane	3.185	63	1133	0.082	ug/L #	81
22) cis-1,2-Dichloroethene	3.902	96	60322	7.633	ug/L #	93
25) Chloroform	4.371	83	5762	0.390	ug/L	96
27) 1,2-Dichloroethane	5.043	62	778	0.099	ug/L #	72
34) Trichloroethene	5.921	95	22095	2.760	ug/L	96
35) Methylcyclohexane	6.091	83	9849	0.779	ug/L #	18
37) 1,2-Dichloropropane	6.091	63	4561	0.649	ug/L #	84
39) cis-1,3-Dichloropropene	7.001	75	994	0.098	ug/L #	51
61) 1,2,3-Trichloropropane	11.249	75	5182	1.622	ug/L #	66

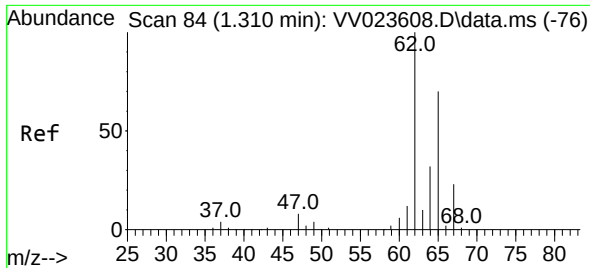
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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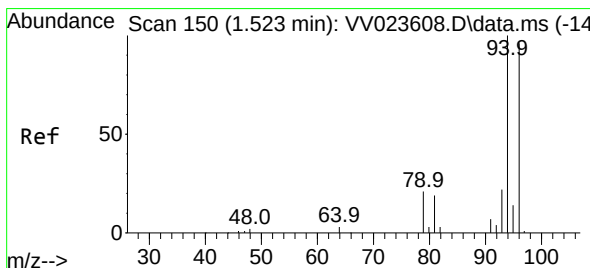
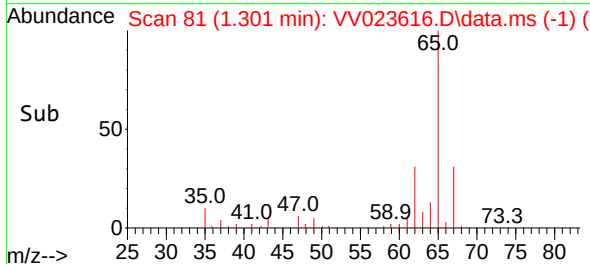
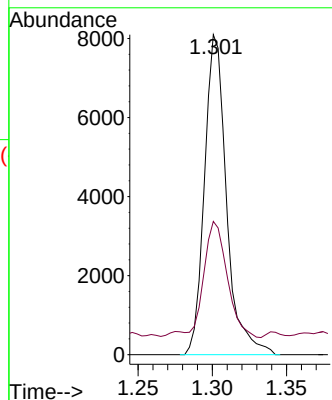
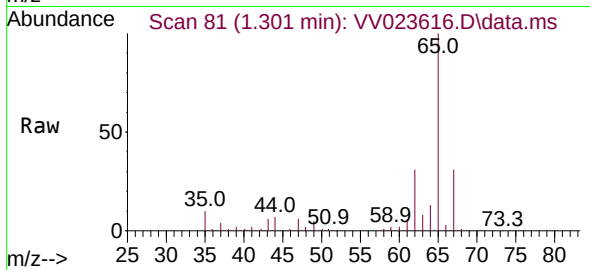




#5
 Vinyl chloride
 Concen: 0.900 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.010 min
 Lab File: VV023616.D
 Acq: 18 Nov 2021 20:04

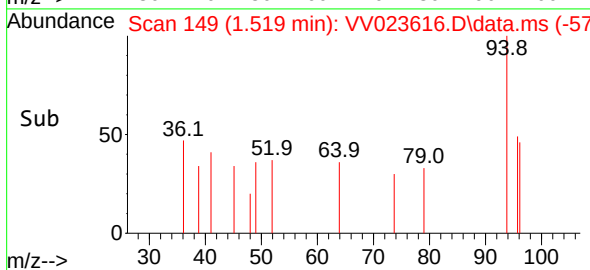
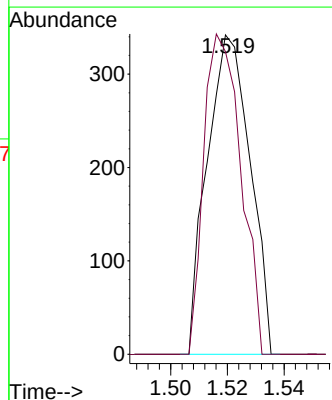
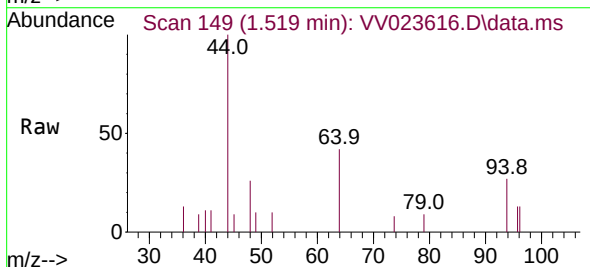
Instrument :
 MSVOA_V
 ClientSampleId :

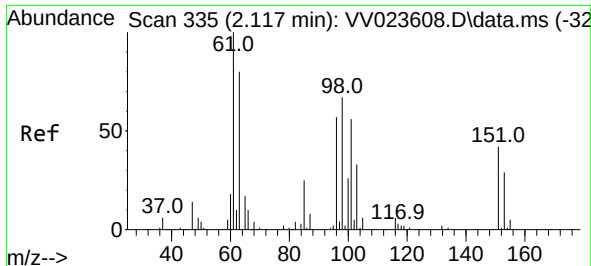
Tgt Ion: 62 Resp: 8351
 Ion Ratio Lower Upper
 62 100
 64 41.7 23.1 42.9



#6
 Bromomethane
 Concen: 0.061 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023616.D
 Acq: 18 Nov 2021 20:04

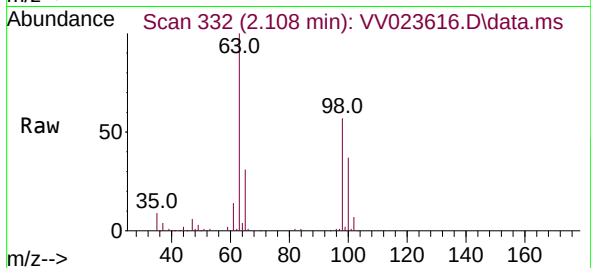
Tgt Ion: 94 Resp: 360
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.0 120.8



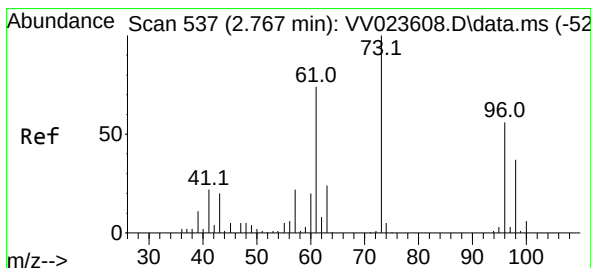
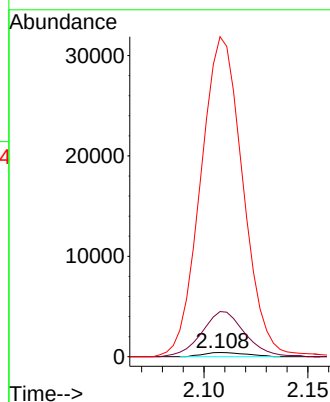
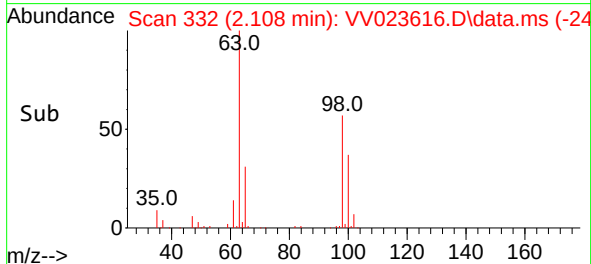


#12
1,1-Dichloroethene
Concen: 0.090 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023616.D
Acq: 18 Nov 2021 20:04

Instrument :
MSVOA_V
ClientSampleId :

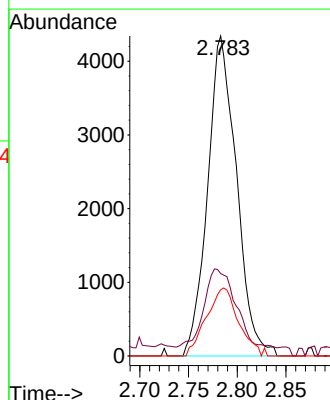
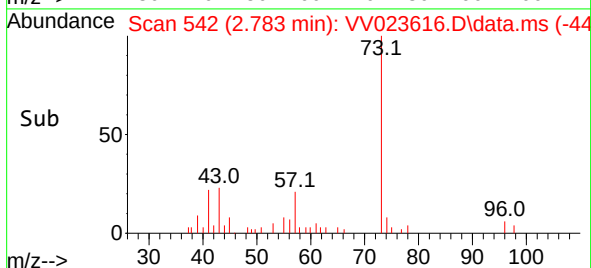
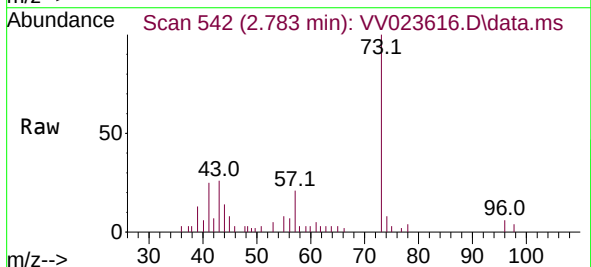


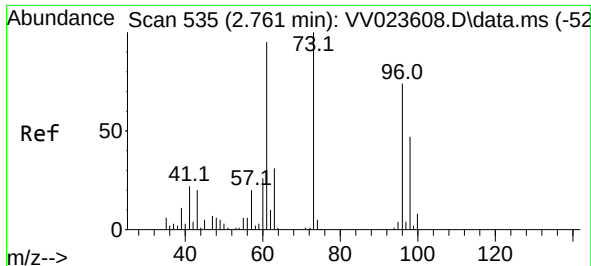
Tgt Ion: 96 Resp: 603
Ion Ratio Lower Upper
96 100
61 1066.4 121.5 225.7#
63 7552.6 99.6 185.0#



#17
Methyl tert-butyl Ether
Concen: 0.610 ug/L
RT: 2.783 min Scan# 542
Delta R.T. 0.016 min
Lab File: VV023616.D
Acq: 18 Nov 2021 20:04

Tgt Ion: 73 Resp: 8966
Ion Ratio Lower Upper
73 100
43 26.7 17.4 26.0#
57 23.7 16.5 24.7

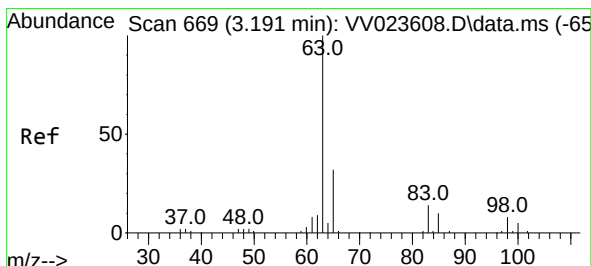
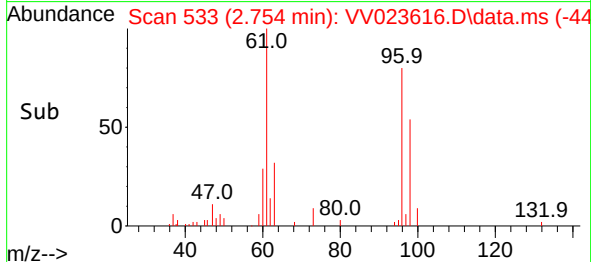
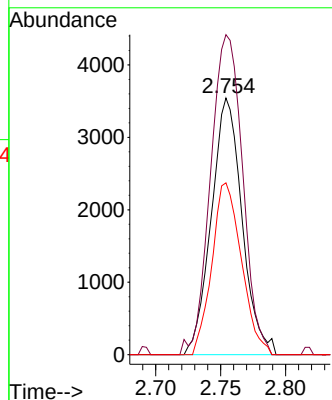
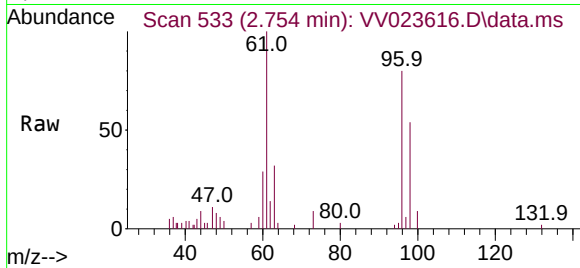




#18
 trans-1,2-Dichloroethene
 Concen: 0.711 ug/L
 RT: 2.754 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: VV023616.D
 Acq: 18 Nov 2021 20:04

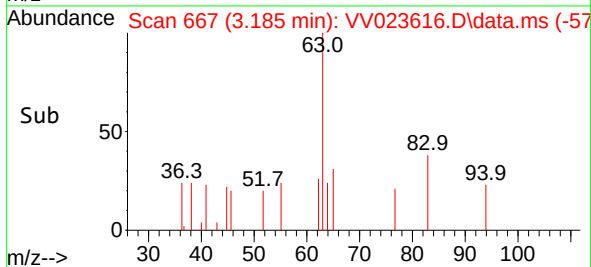
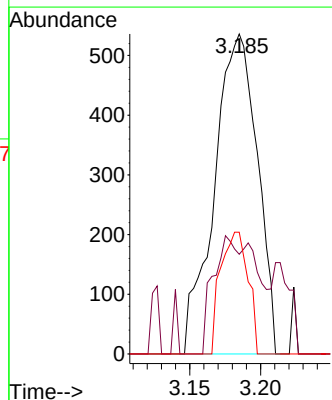
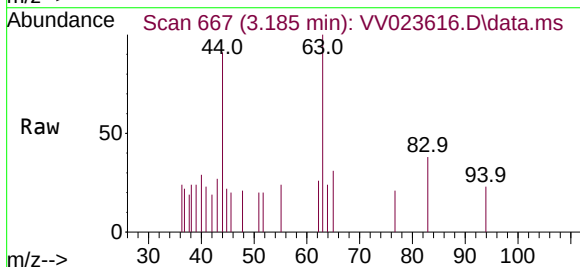
Instrument :
 MSVOA_V
 ClientSampleId :

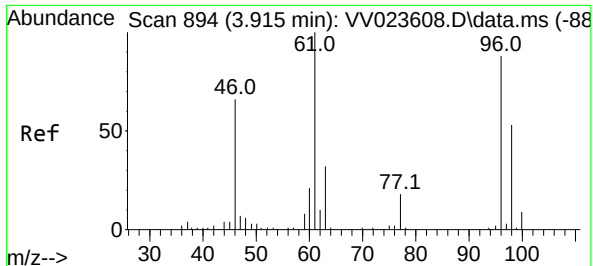
Tgt Ion: 96 Resp: 5835
 Ion Ratio Lower Upper
 96 100
 61 124.7 93.2 173.2
 98 66.9 47.0 87.2



#19
 1,1-Dichloroethane
 Concen: 0.082 ug/L
 RT: 3.185 min Scan# 667
 Delta R.T. -0.007 min
 Lab File: VV023616.D
 Acq: 18 Nov 2021 20:04

Tgt Ion: 63 Resp: 1133
 Ion Ratio Lower Upper
 63 100
 65 31.2 22.6 42.0
 83 38.1 11.1 20.7#





#22

cis-1,2-Dichloroethene

Concen: 7.633 ug/L

RT: 3.902 min Scan# 89

Delta R.T. -0.013 min

Lab File: VV023616.D

Acq: 18 Nov 2021 20:04

Instrument :

MSVOA_V

ClientSampleId :

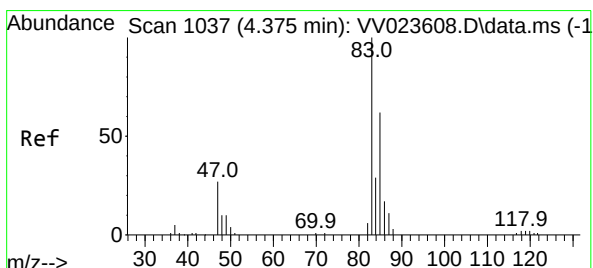
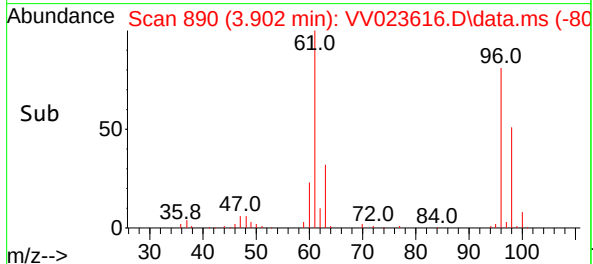
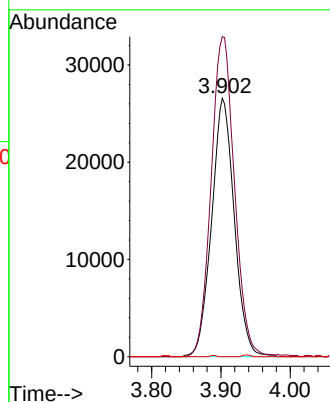
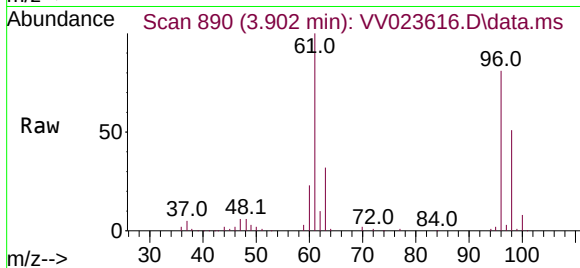
Tgt Ion: 96 Resp: 60322

Ion Ratio Lower Upper

96 100

61 123.8 92.3 171.3

68 0.0 0.4 0.8#



#25

Chloroform

Concen: 0.390 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV023616.D

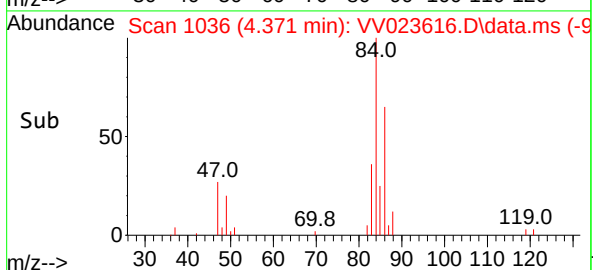
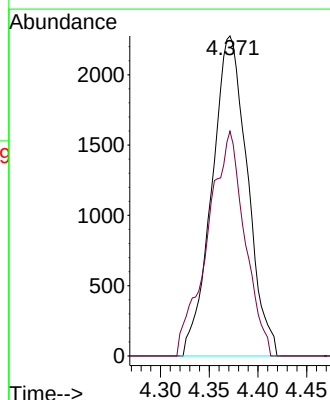
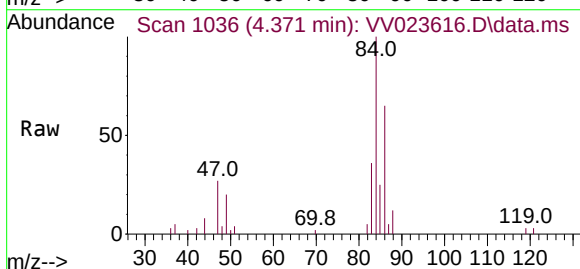
Acq: 18 Nov 2021 20:04

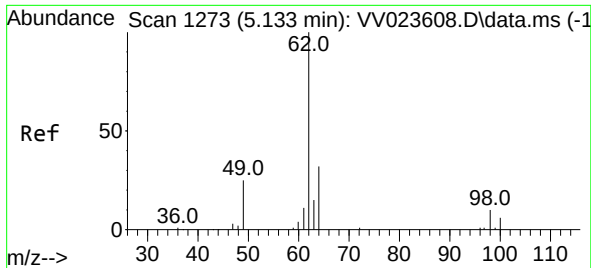
Tgt Ion: 83 Resp: 5762

Ion Ratio Lower Upper

83 100

85 70.3 46.8 86.8





#27

1,2-Dichloroethane

Concen: 0.099 ug/L

RT: 5.043 min Scan# 11

Delta R.T. -0.090 min

Lab File: VV023616.D

Acq: 18 Nov 2021 20:04

Instrument :

MSVOA_V

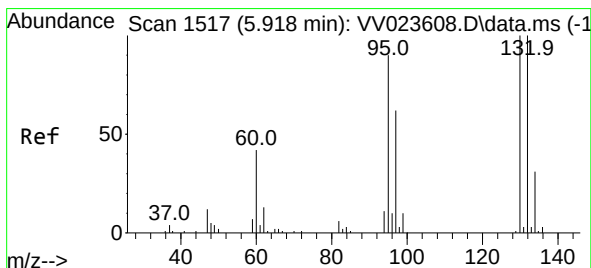
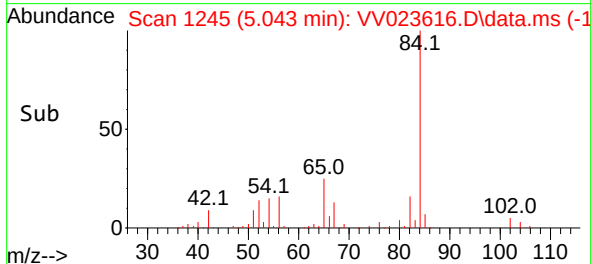
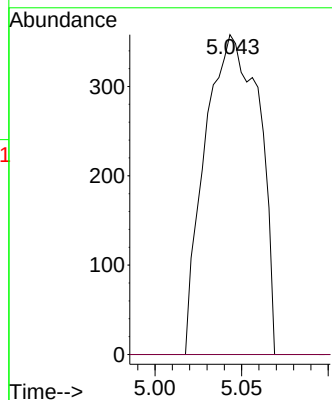
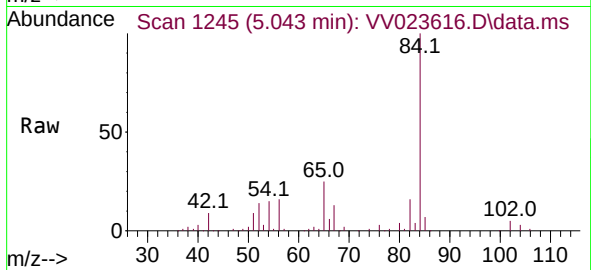
ClientSampleId :

Tgt Ion: 62 Resp: 778

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 2.760 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.003 min

Lab File: VV023616.D

Acq: 18 Nov 2021 20:04

Tgt Ion: 95 Resp: 22095

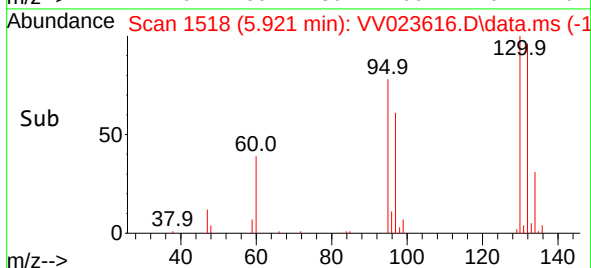
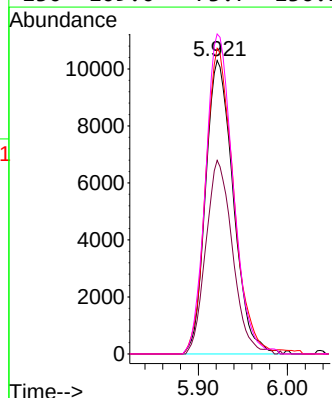
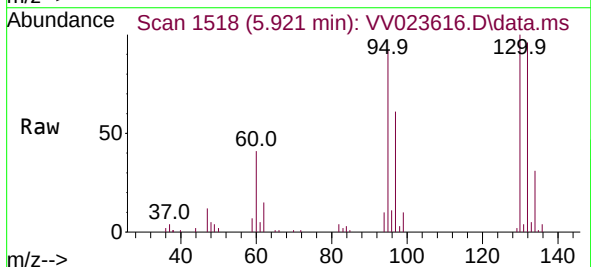
Ion Ratio Lower Upper

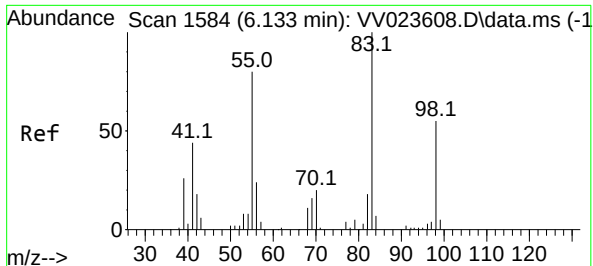
95 100

97 66.0 45.0 83.6

132 104.1 69.7 129.4

130 109.0 73.7 136.9





#35

Methylcyclohexane

Concen: 0.779 ug/L

RT: 6.091 min Scan# 1571

Delta R.T. -0.042 min

Lab File: VV023616.D

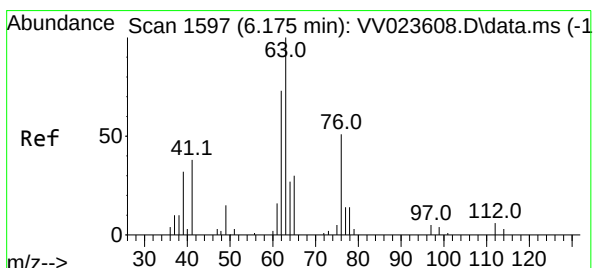
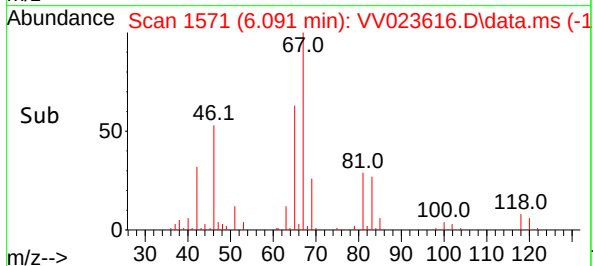
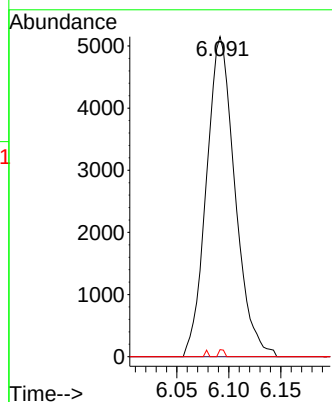
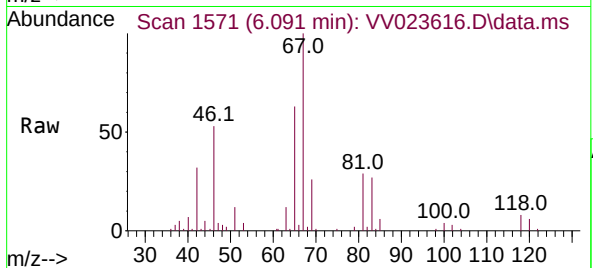
Acq: 18 Nov 2021 20:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 9849
Ion Ratio	Lower Upper
83 100	
55 0.0	62.8 94.2#
98 0.4	37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.649 ug/L

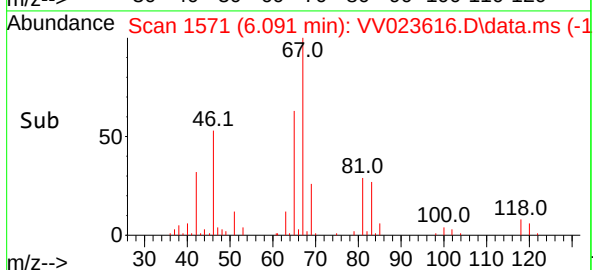
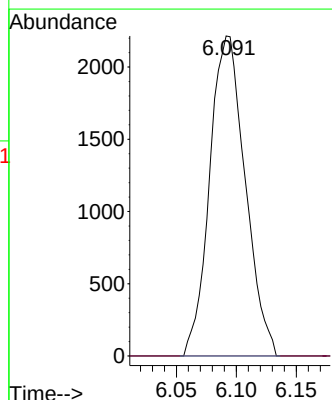
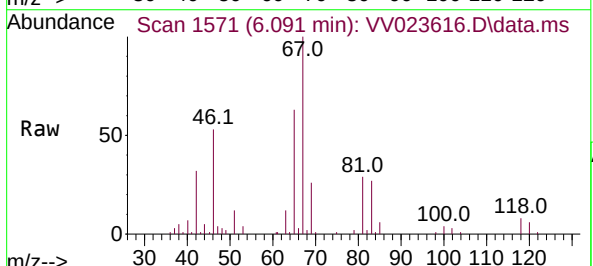
RT: 6.091 min Scan# 1571

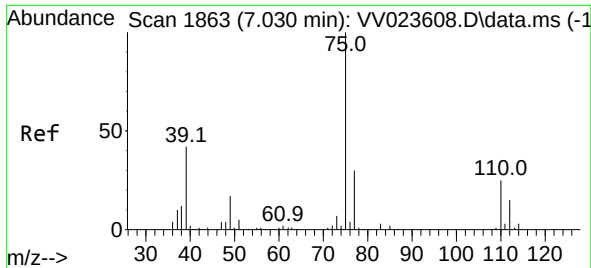
Delta R.T. -0.084 min

Lab File: VV023616.D

Acq: 18 Nov 2021 20:04

Tgt Ion: 63	Resp: 4561
Ion Ratio	Lower Upper
63 100	
112 0.4	4.6 6.8#

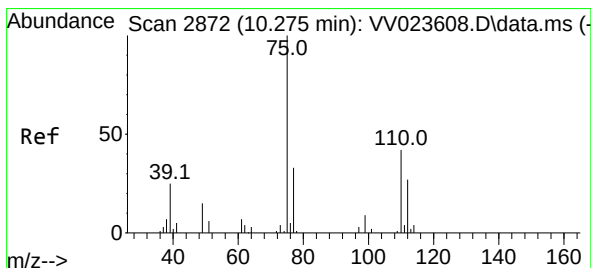
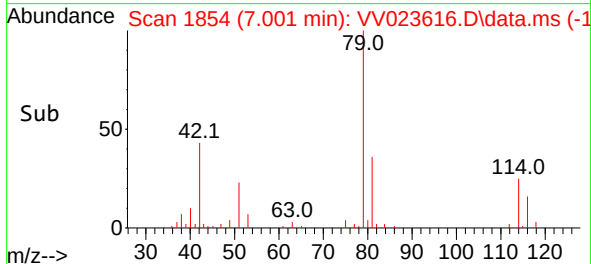
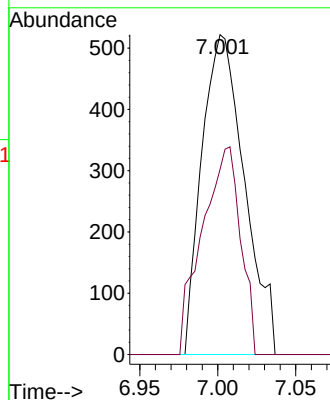
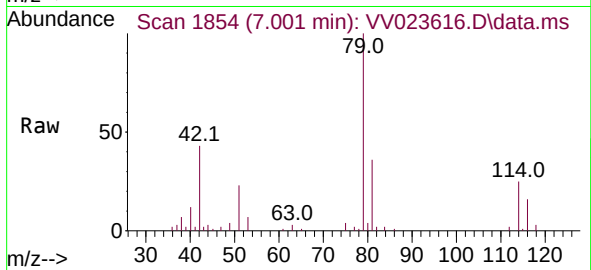




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.001 min Scan# 11
 Delta R.T. -0.029 min
 Lab File: VV023616.D
 Acq: 18 Nov 2021 20:04

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 994
 Ion Ratio Lower Upper
 75 100
 77 57.9 21.6 40.2#



#61
 1,2,3-Trichloropropane
 Concen: 1.622 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV023616.D
 Acq: 18 Nov 2021 20:04

Tgt Ion: 75 Resp: 5182
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.6 39.8
 110 3.0 31.8 47.6#

