

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023601.D
 Acq On : 18 Nov 2021 14:00
 Operator : SY/MD
 Sample : M4627-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 02:13:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118165	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	117482	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53823	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36050	4.870	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.568	69	28289	4.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.108	63	49985	3.607	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	3.895	46	59123	46.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	4.349	84	62253	3.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
26) 1,2-Dichloroethane-d4	5.034	65	30825	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.053	84	126289	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.072	67	37341	4.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.317	98	108673	3.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	7.625	79	13165	3.913	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.091	63	45350	36.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25902	4.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	41148	4.591	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%

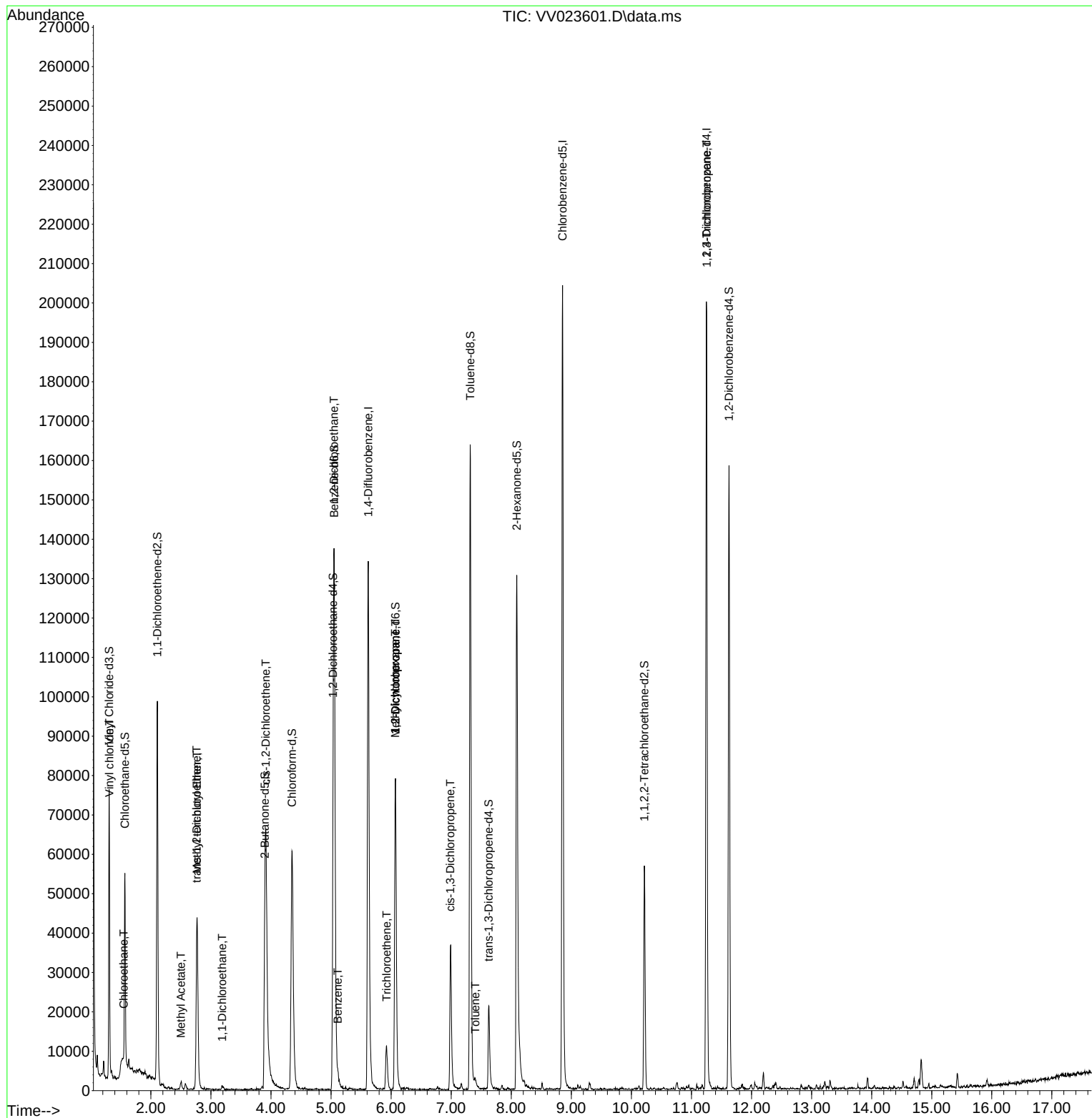
Target Compounds				Qvalue		
5) Vinyl chloride	1.310	62	4592	0.469	ug/L	83
8) Chloroethane	1.548	64	15931	2.822	ug/L #	55
15) Methyl Acetate	2.500	43	771	0.350	ug/L #	47
17) Methyl tert-butyl Ether	2.767	73	42362	2.731	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	584	0.067	ug/L	98
19) 1,1-Dichloroethane	3.188	63	1210	0.083	ug/L #	83
22) cis-1,2-Dichloroethene	3.912	96	25873	3.104	ug/L #	93
27) 1,2-Dichloroethane	5.050	62	865	0.104	ug/L #	72
33) Benzene	5.111	78	2888	0.088	ug/L	100
34) Trichloroethene	5.924	95	3827	0.438	ug/L	90
35) Methylcyclohexane	6.069	83	9555	0.693	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4466	0.583	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1027	0.093	ug/L	86
42) Toluene	7.400	91	2141	0.061	ug/L	95
61) 1,2,3-Trichloropropane	11.252	75	5526	1.546	ug/L #	63

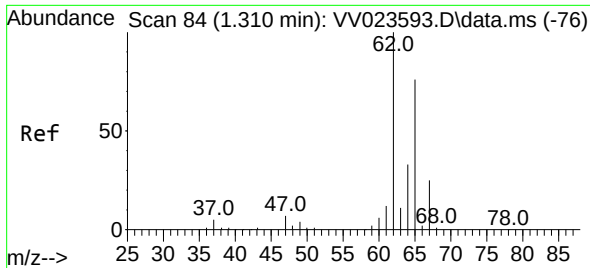
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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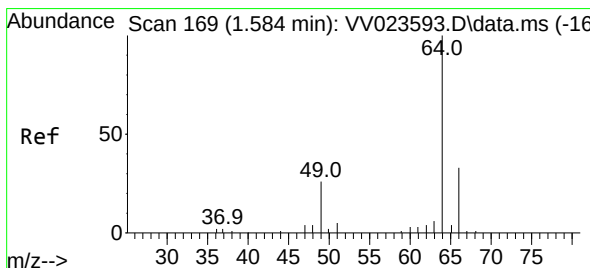
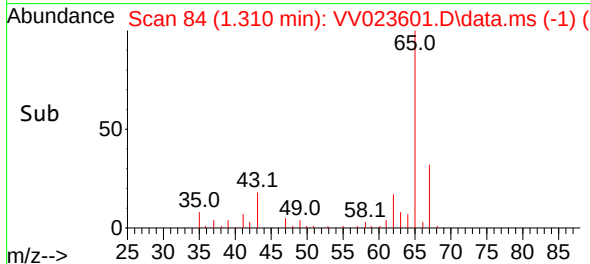
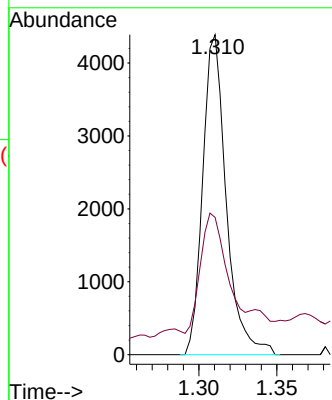
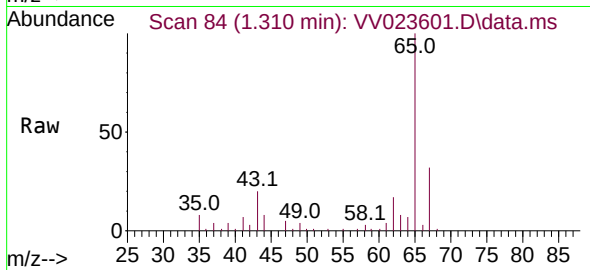




#5
 Vinyl chloride
 Concen: 0.469 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023601.D
 Acq: 18 Nov 2021 14:00

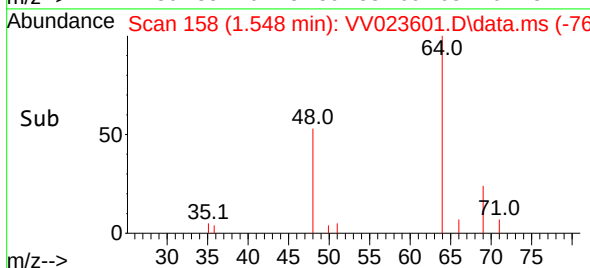
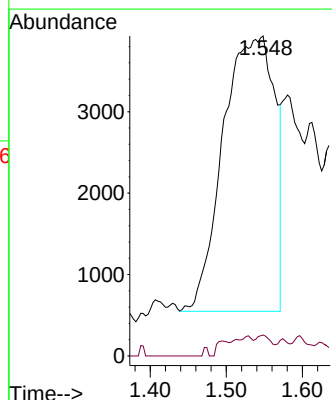
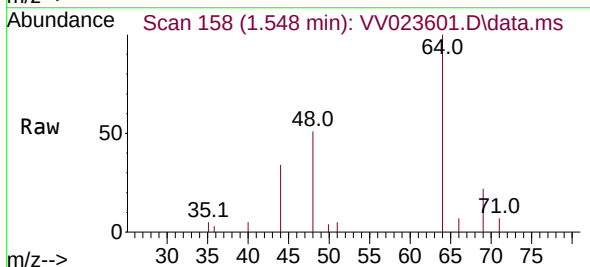
Instrument :
 MSVOA_V
 ClientSampleId :

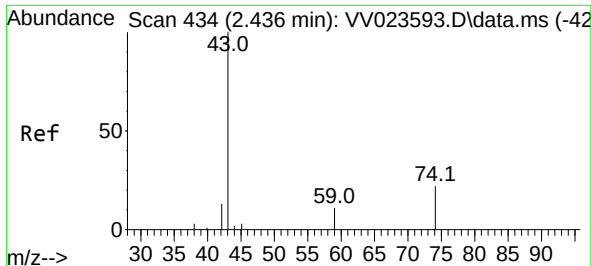
Tgt Ion: 62 Resp: 4592
 Ion Ratio Lower Upper
 62 100
 64 42.9 23.1 42.9



#8
 Chloroethane
 Concen: 2.822 ug/L
 RT: 1.548 min Scan# 158
 Delta R.T. -0.035 min
 Lab File: VV023601.D
 Acq: 18 Nov 2021 14:00

Tgt Ion: 64 Resp: 15931
 Ion Ratio Lower Upper
 64 100
 66 6.5 22.1 41.1#

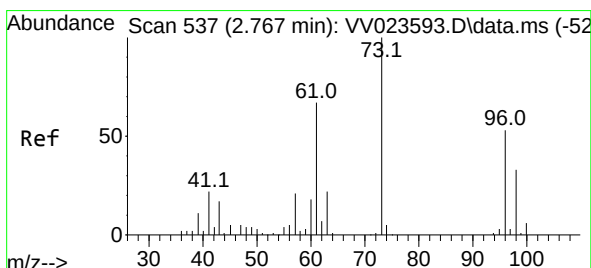
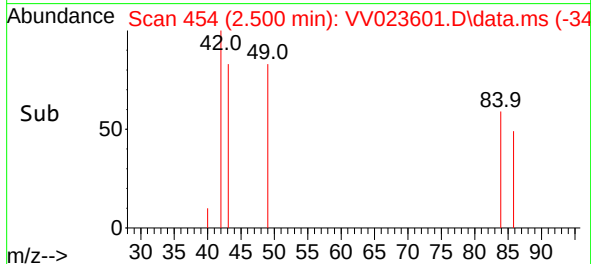
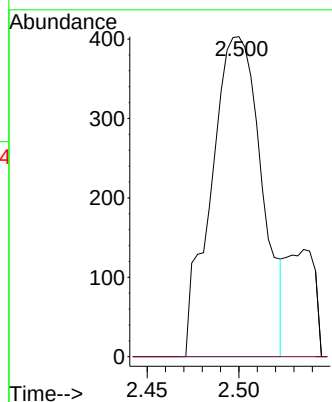
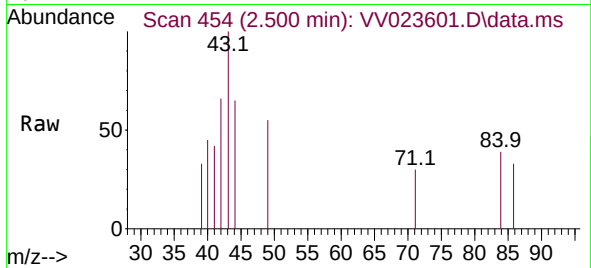




#15
Methyl Acetate
Concen: 0.350 ug/L
RT: 2.500 min Scan# 415
Delta R.T. 0.064 min
Lab File: VV023601.D
Acq: 18 Nov 2021 14:00

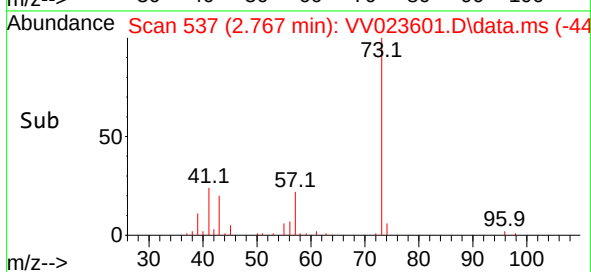
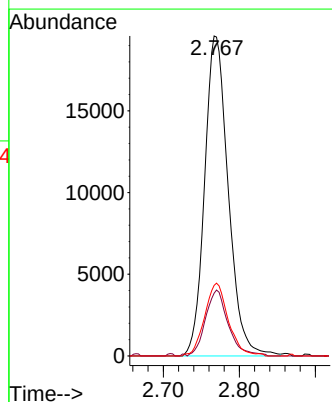
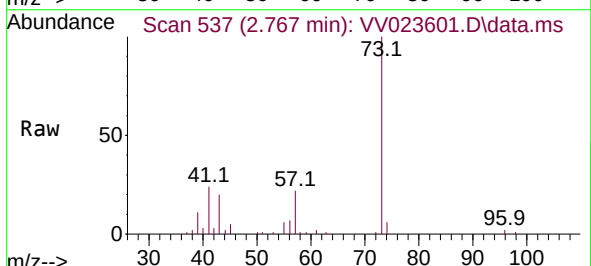
Instrument :
MSVOA_V
ClientSampleId :

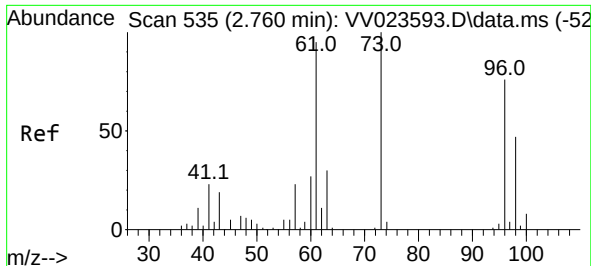
Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#17
Methyl tert-butyl Ether
Concen: 2.731 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV023601.D
Acq: 18 Nov 2021 14:00

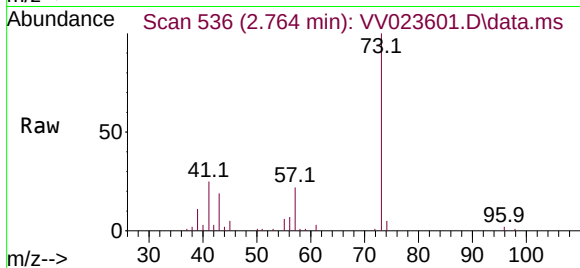
Tgt Ion: 73 Resp: 42362
Ion Ratio Lower Upper
73 100
43 19.8 17.4 26.0
57 22.7 16.5 24.7





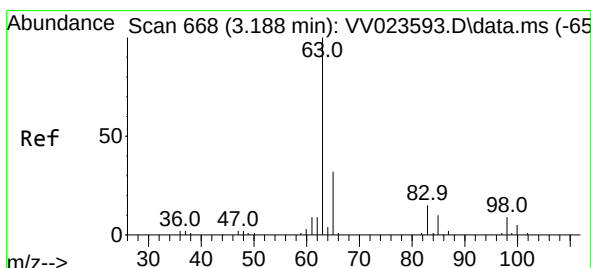
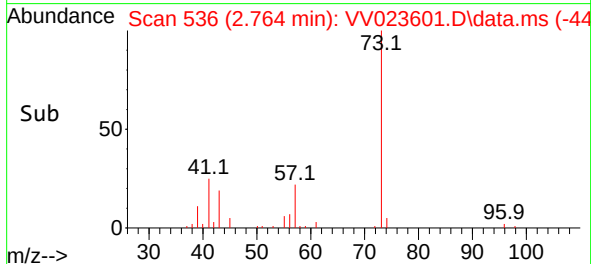
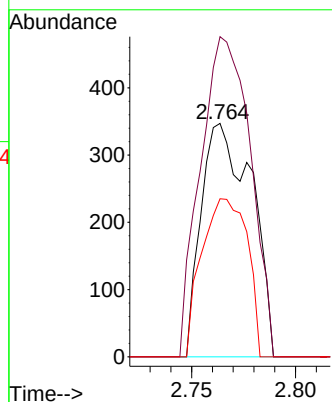
#18
trans-1,2-Dichloroethene
Concen: 0.067 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023601.D
Acq: 18 Nov 2021 14:00

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 584

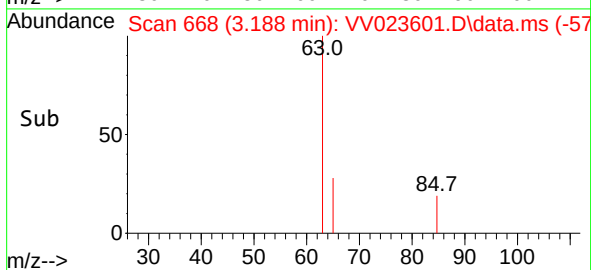
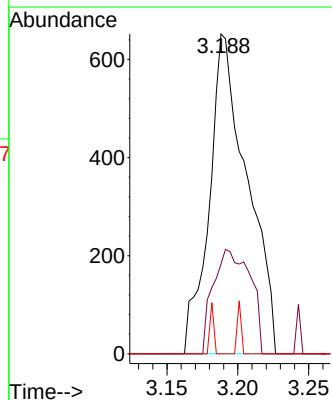
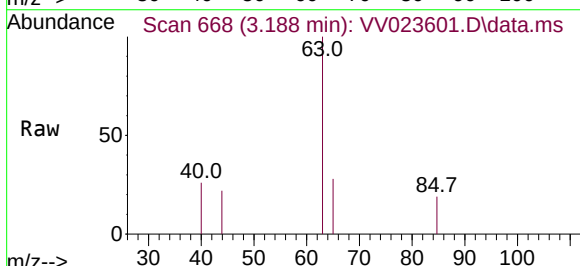
Ion	Ratio	Lower	Upper
96	100		
61	137.2	93.2	173.2
98	67.7	47.0	87.2

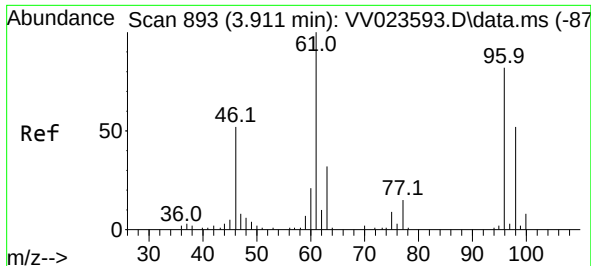


#19
1,1-Dichloroethane
Concen: 0.083 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV023601.D
Acq: 18 Nov 2021 14:00

Tgt Ion: 63 Resp: 1210

Ion	Ratio	Lower	Upper
63	100		
65	28.1	22.6	42.0
83	0.0	11.1	20.7





#22

cis-1,2-Dichloroethene

Concen: 3.104 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV023601.D

Acq: 18 Nov 2021 14:00

Instrument :

MSVOA_V

ClientSampleId :

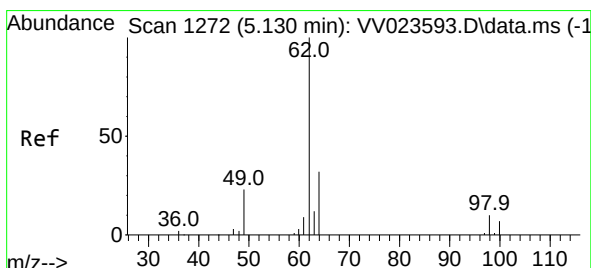
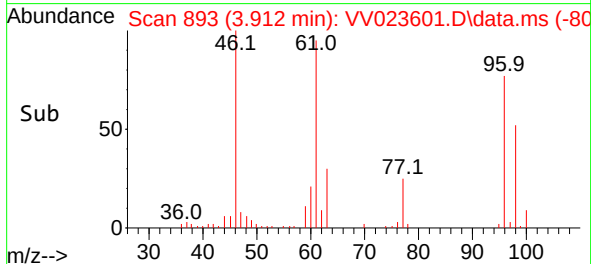
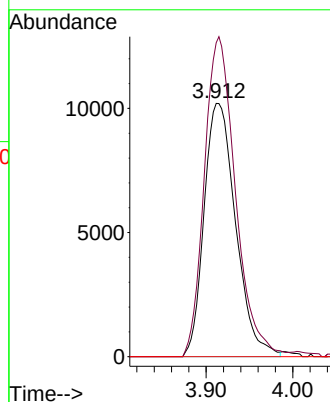
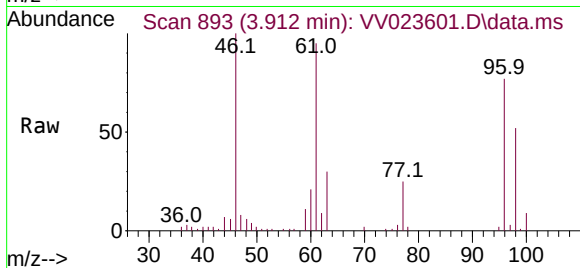
Tgt Ion: 96 Resp: 25873

Ion Ratio Lower Upper

96 100

61 123.9 92.3 171.3

68 0.0 0.4 0.8#



#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.080 min

Lab File: VV023601.D

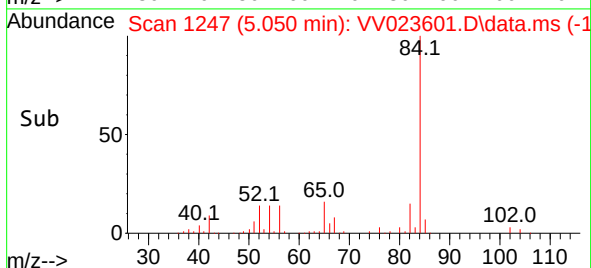
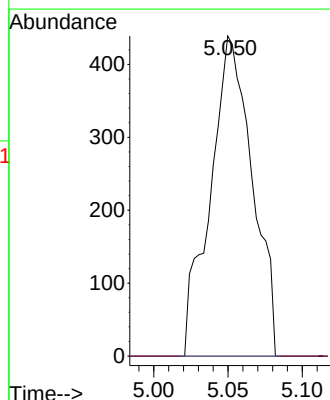
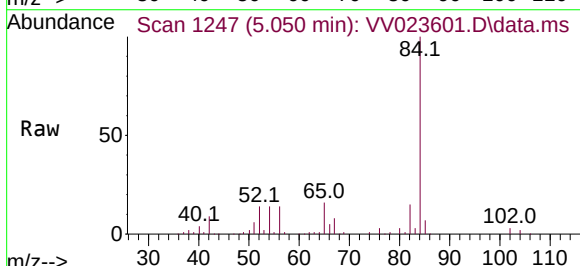
Acq: 18 Nov 2021 14:00

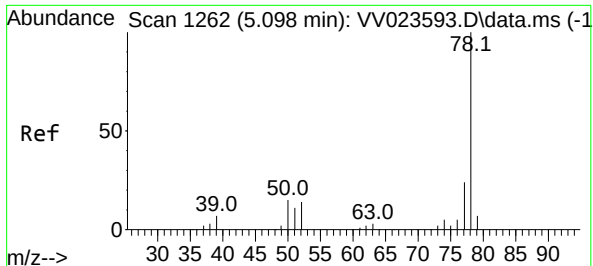
Tgt Ion: 62 Resp: 865

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#

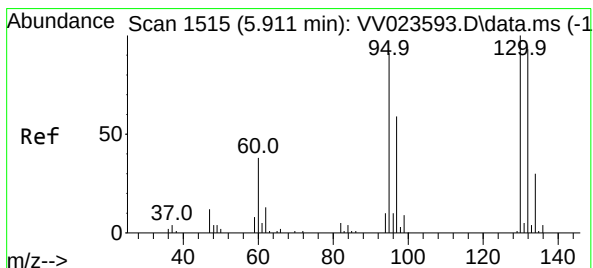
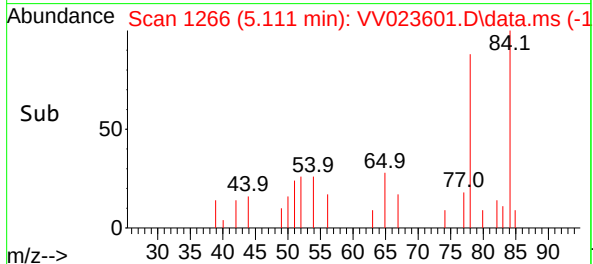
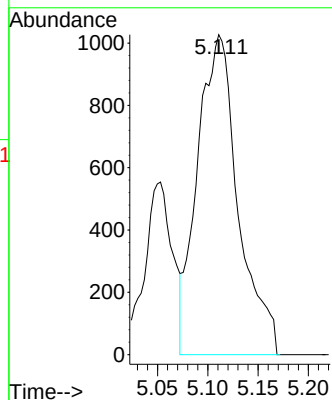
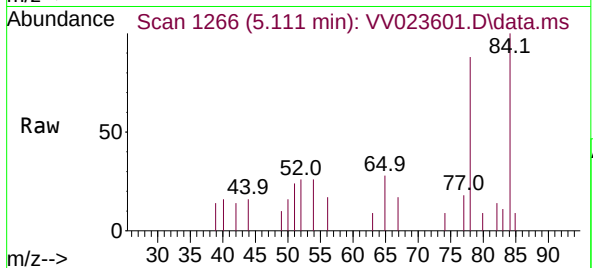




#33
Benzene
Concen: 0.088 ug/L
RT: 5.111 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV023601.D
Acq: 18 Nov 2021 14:00

Instrument :
MSVOA_V
ClientSampleId :

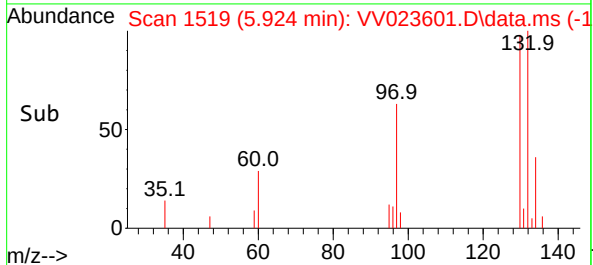
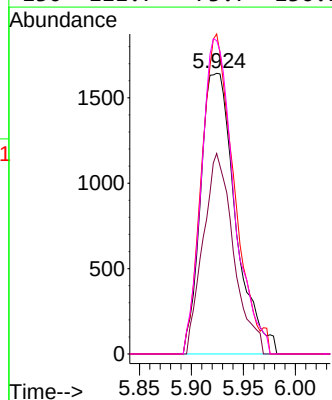
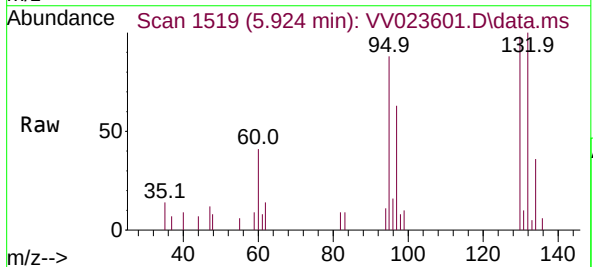
Tgt Ion: 78 Resp: 2888

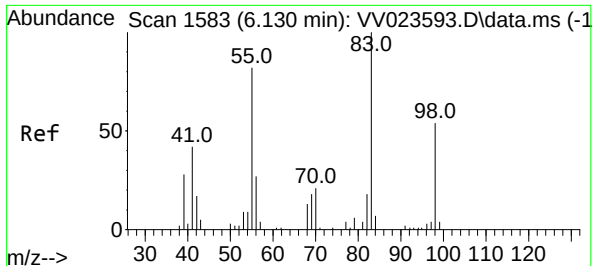


#34
Trichloroethene
Concen: 0.438 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV023601.D
Acq: 18 Nov 2021 14:00

Tgt Ion: 95 Resp: 3827

Ion	Ratio	Lower	Upper
95	100		
97	71.4	45.0	83.6
132	114.0	69.7	129.4
130	111.7	73.7	136.9





#35

Methylcyclohexane

Concen: 0.693 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV023601.D

Acq: 18 Nov 2021 14:00

Instrument :

MSVOA_V

ClientSampleId :

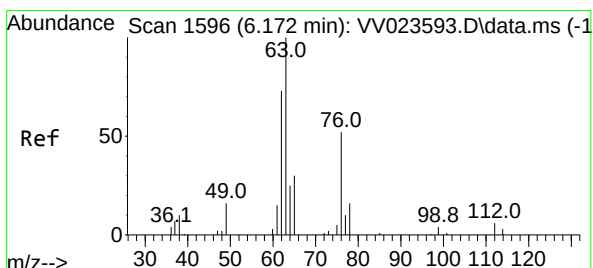
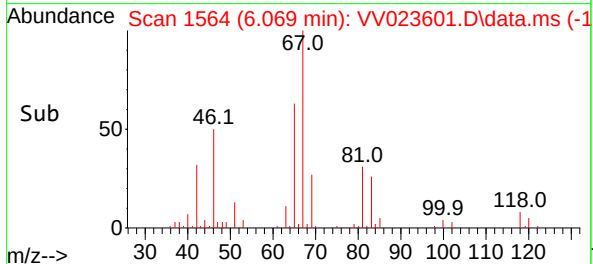
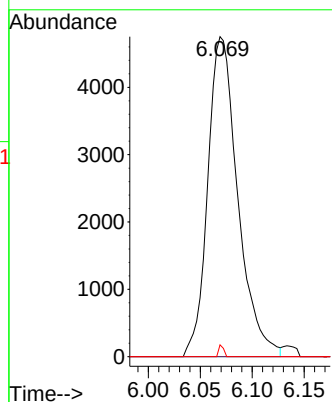
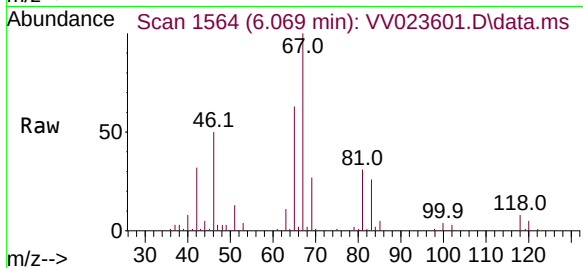
Tgt Ion: 83 Resp: 9555

Ion Ratio Lower Upper

83 100

55 0.2 62.8 94.2#

98 0.6 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.583 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV023601.D

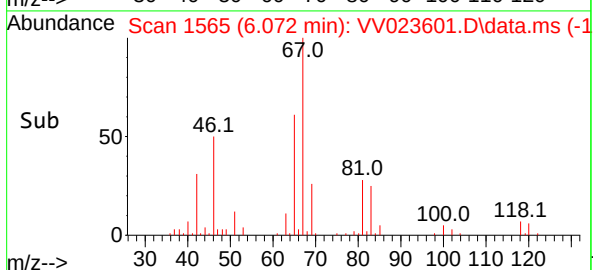
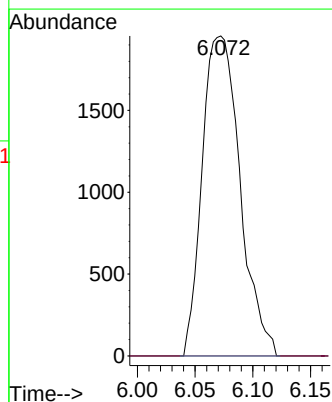
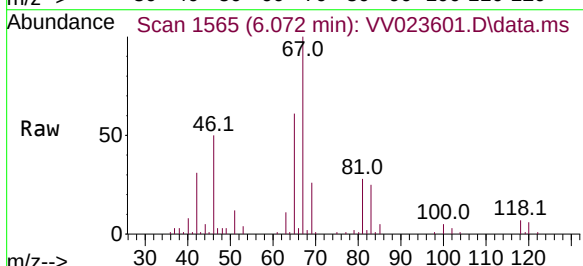
Acq: 18 Nov 2021 14:00

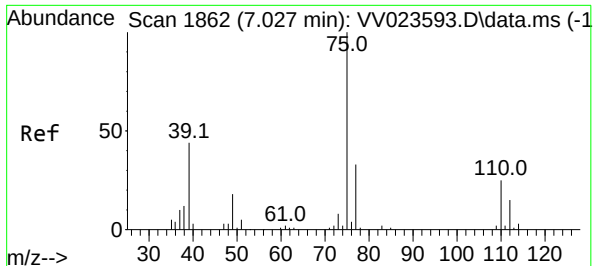
Tgt Ion: 63 Resp: 4466

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV023601.D

Acq: 18 Nov 2021 14:00

Instrument :

MSVOA_V

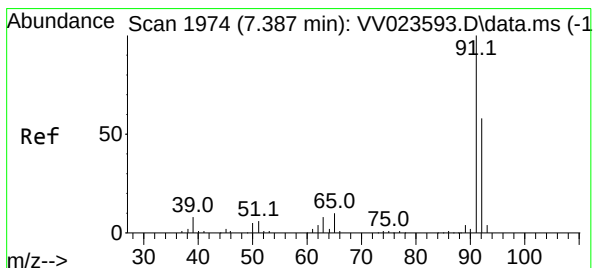
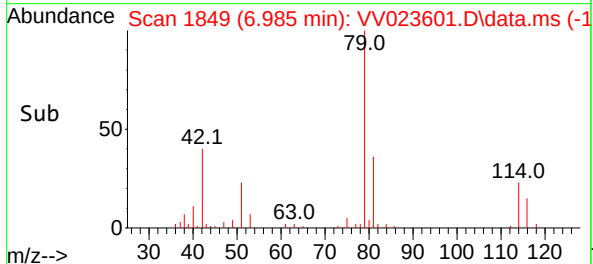
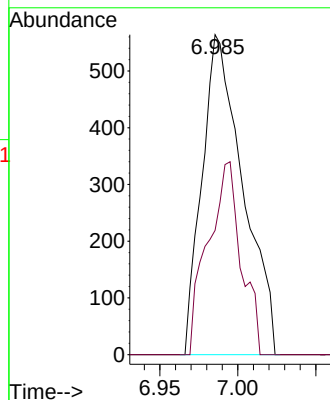
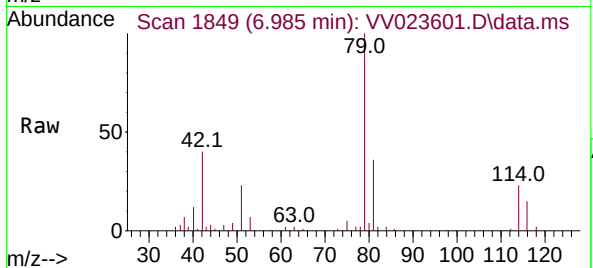
ClientSampleId :

Tgt Ion: 75 Resp: 1027

Ion Ratio Lower Upper

75 100

77 38.8 21.6 40.2



#42

Toluene

Concen: 0.061 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023601.D

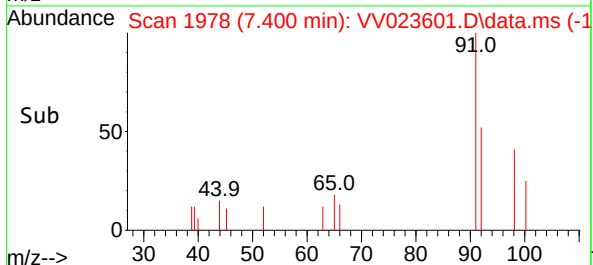
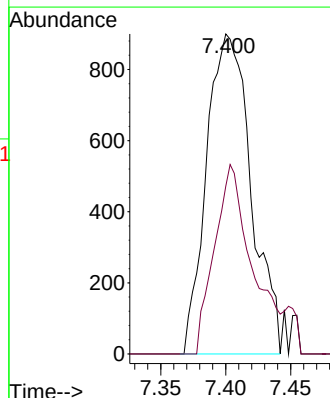
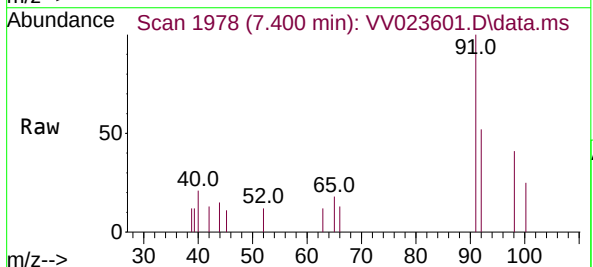
Acq: 18 Nov 2021 14:00

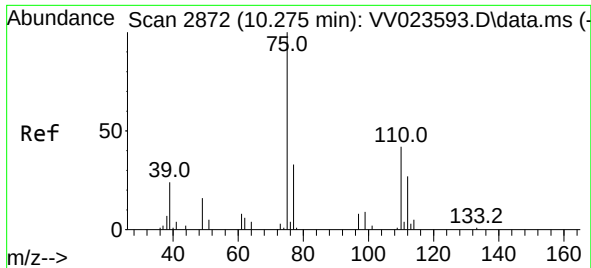
Tgt Ion: 91 Resp: 2141

Ion Ratio Lower Upper

91 100

92 52.4 39.3 72.9





#61

1,2,3-Trichloropropane

Concen: 1.546 ug/L

RT: 11.252 min Scan# 31

Delta R.T. 0.978 min

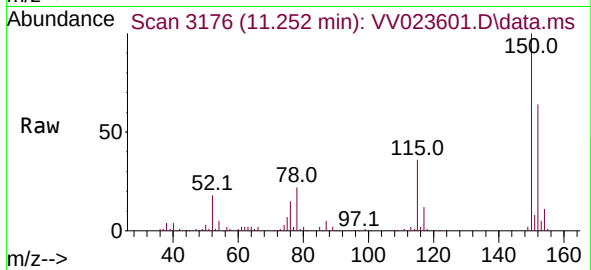
Lab File: VV023601.D

Acq: 18 Nov 2021 14:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5526

Ion Ratio Lower Upper

75 100

77 36.9 26.6 39.8

110 1.4 31.8 47.6#

