

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023681.D
 Acq On : 23 Nov 2021 19:18
 Operator : SY/MD
 Sample : M4723-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 05:01:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 04:42:45 2021
 Response via : Initial Calibration

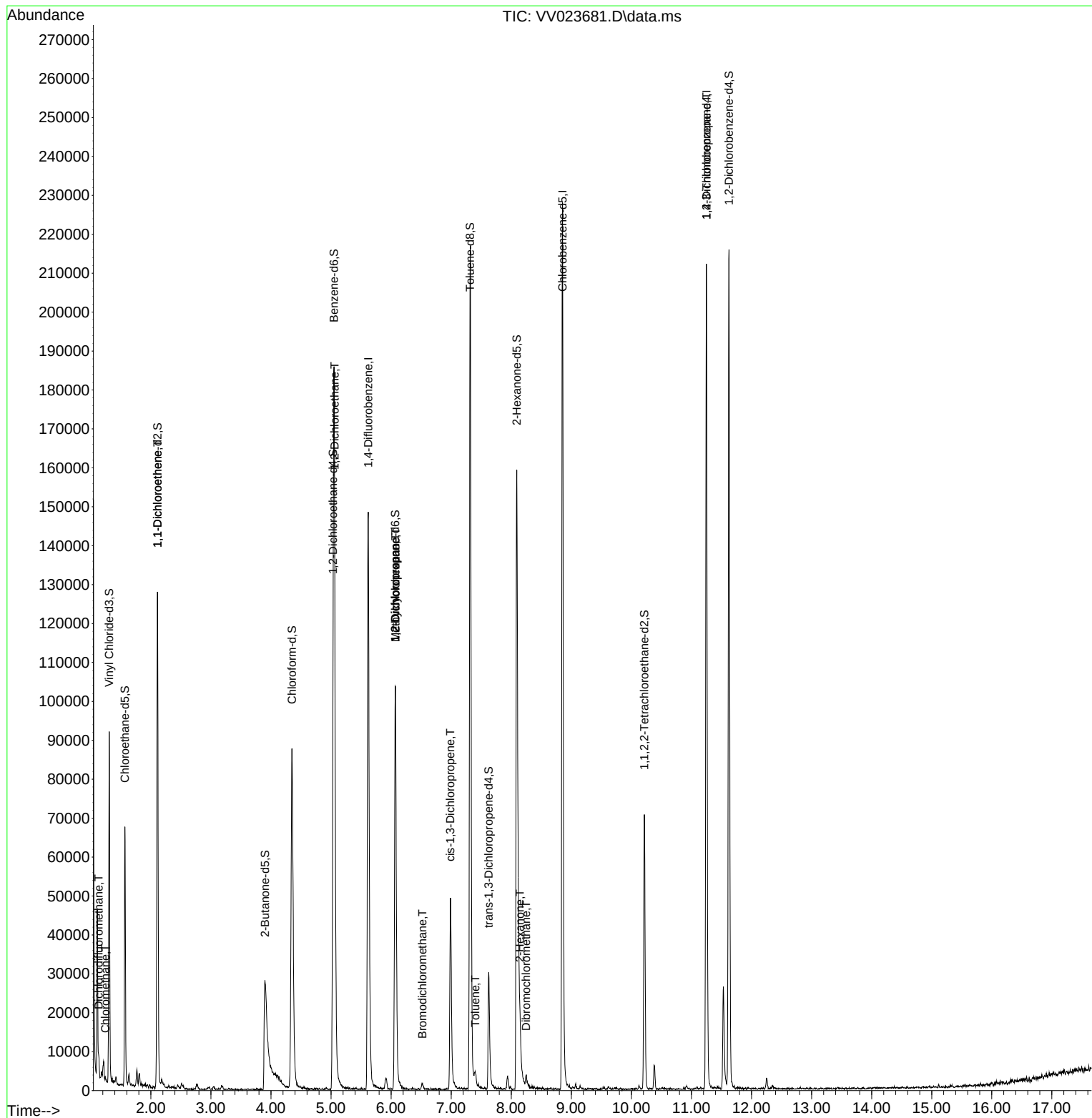
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132796	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	132259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48251	4.426	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.600%	
7) Chloroethane-d5	1.568	69	38963	4.547	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.000%	
11) 1,1-Dichloroethene-d2	2.111	63	65768	3.423	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.400%	
20) 2-Butanone-d5	3.902	46	70898	54.099	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.200%	
24) Chloroform-d	4.349	84	88705	4.673	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.034	65	43517	4.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	5.050	84	168047	4.664	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.069	67	49163	4.867	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.317	98	144845	4.303	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	7.625	79	17547	4.310	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.200%	
46) 2-Hexanone-d5	8.091	63	62003	45.837	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.680%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32359	4.452	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	57158	5.397	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						
2) Dichlorodifluoromethane	1.130	85	1176	0.093	ug/L	95
3) Chloromethane	1.243	50	647	0.059	ug/L #	72
12) 1,1-Dichloroethene	2.111	96	582	0.065	ug/L #	1
27) 1,2-Dichloroethane	5.059	62	1036	0.103	ug/L #	73
35) Methylcyclohexane	6.072	83	12613	0.801	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	5617	0.627	ug/L #	84
38) Bromodichloromethane	6.522	83	1419	0.117	ug/L #	92
39) cis-1,3-Dichloropropene	6.985	75	1617	0.127	ug/L #	67
42) Toluene	7.400	91	3121	0.076	ug/L	82
48) 2-Hexanone	8.143	43	4598	1.454	ug/L #	67
49) Dibromochloromethane	8.246	129	1143	0.134	ug/L	87
61) 1,2,3-Trichloropropane	11.249	75	5946	1.400	ug/L #	61

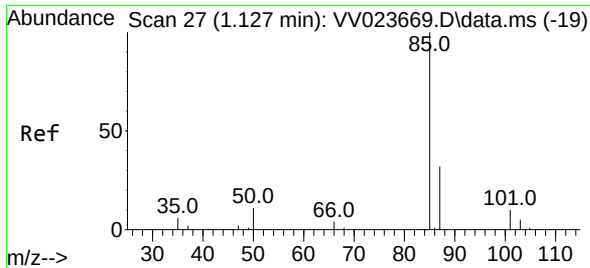
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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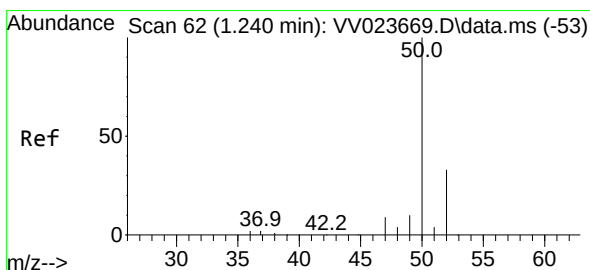
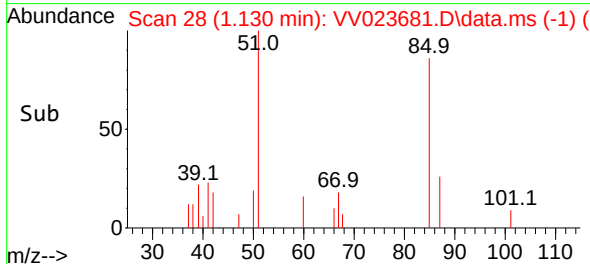
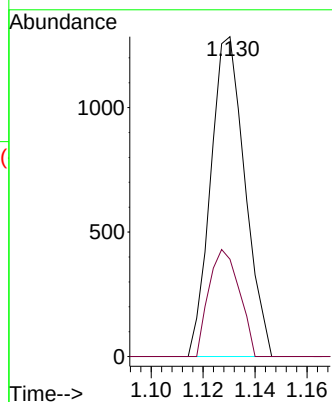
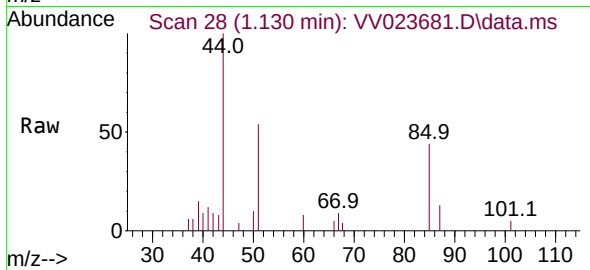




#2
 Dichlorodifluoromethane
 Concen: 0.093 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023681.D
 Acq: 23 Nov 2021 19:18

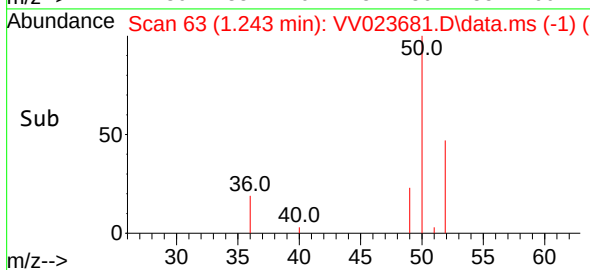
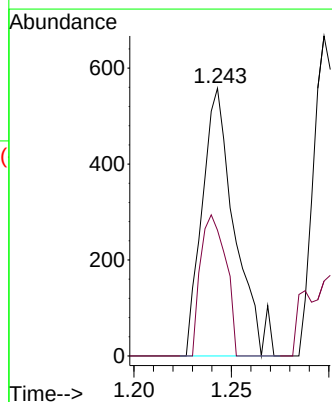
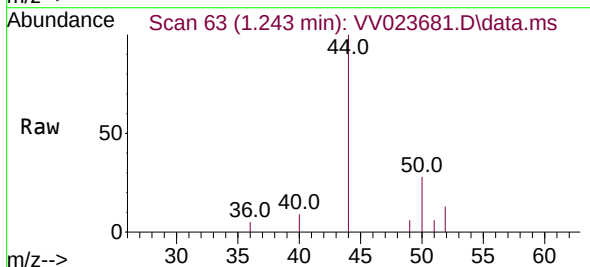
Instrument :
 MSVOA_V
 ClientSampleId :

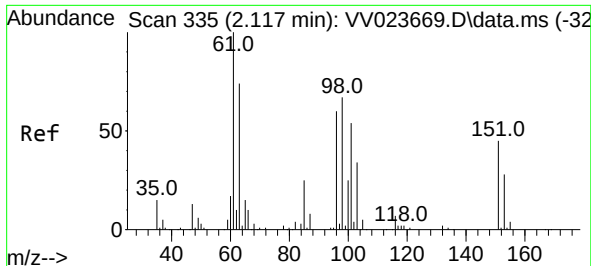
Tgt Ion: 85 Resp: 1176
 Ion Ratio Lower Upper
 85 100
 87 29.8 26.0 39.0



#3
 Chloromethane
 Concen: 0.059 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023681.D
 Acq: 23 Nov 2021 19:18

Tgt Ion: 50 Resp: 647
 Ion Ratio Lower Upper
 50 100
 52 47.0 22.0 41.0#





#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV023681.D

Acq: 23 Nov 2021 19:18

Instrument :

MSVOA_V

ClientSampleId :

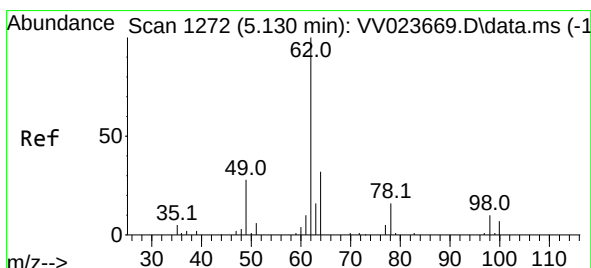
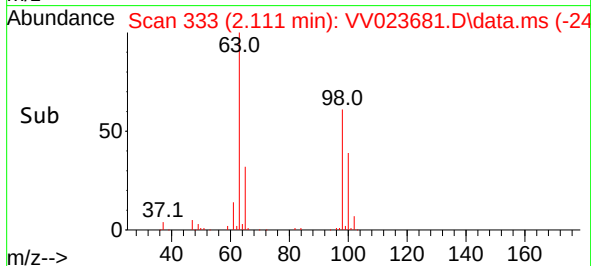
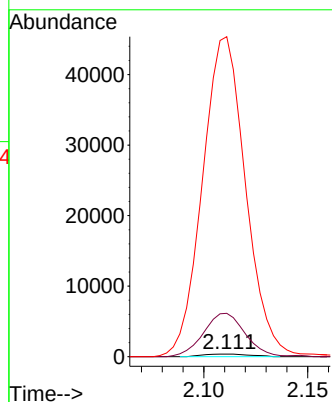
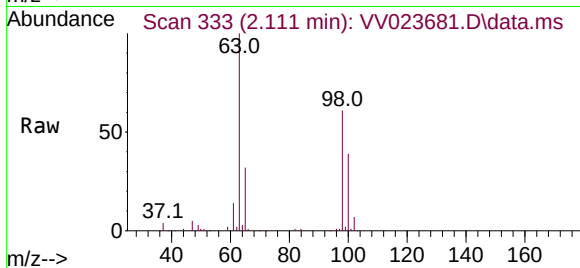
Tgt Ion: 96 Resp: 582

Ion Ratio Lower Upper

96 100

61 1660.4 116.1 215.5#

63 12228.6 79.4 147.4#



#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. -0.071 min

Lab File: VV023681.D

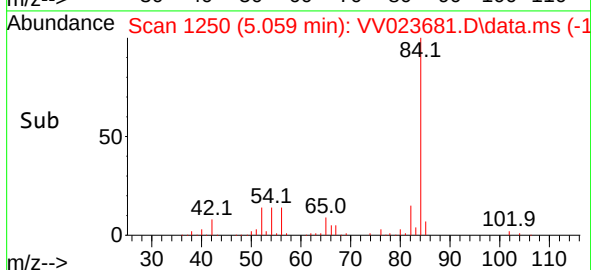
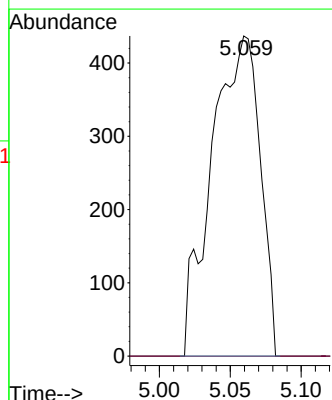
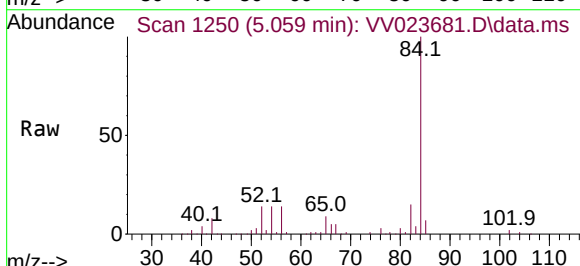
Acq: 23 Nov 2021 19:18

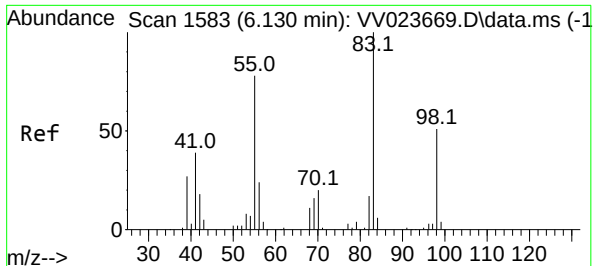
Tgt Ion: 62 Resp: 1036

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#





#35

Methylcyclohexane

Concen: 0.801 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023681.D

Acq: 23 Nov 2021 19:18

Instrument :

MSVOA_V

ClientSampleId :

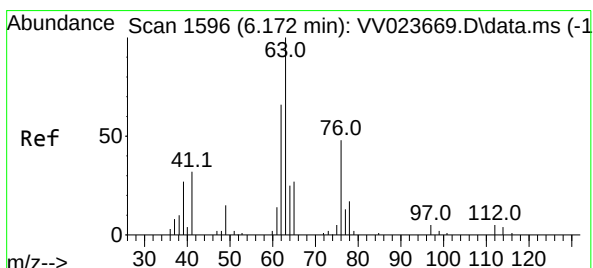
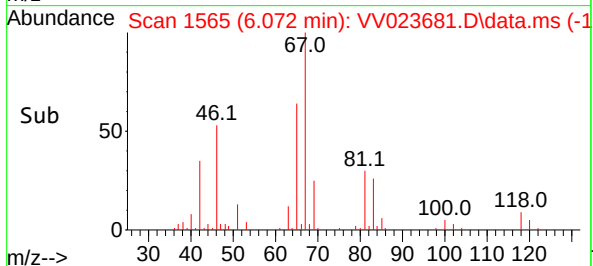
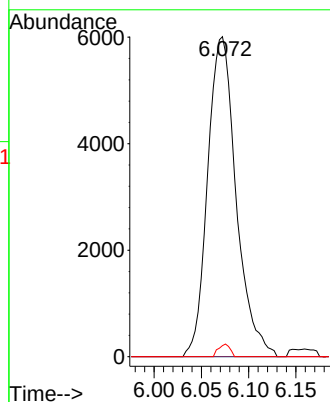
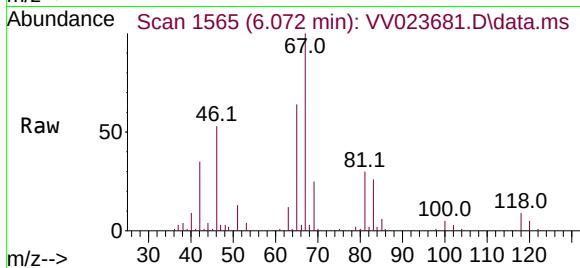
Tgt Ion: 83 Resp: 12613

Ion Ratio Lower Upper

83 100

55 0.2 60.2 90.2#

98 1.6 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV023681.D

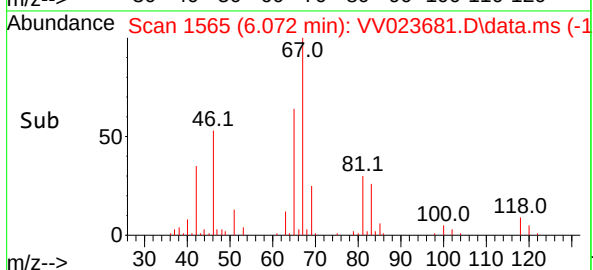
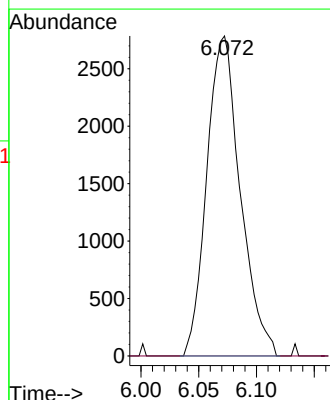
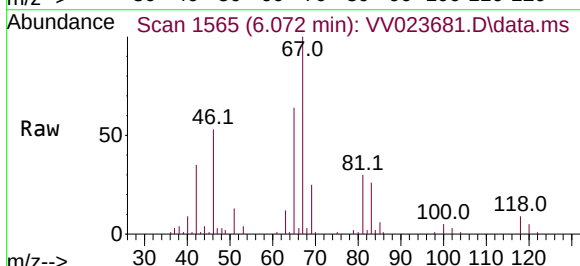
Acq: 23 Nov 2021 19:18

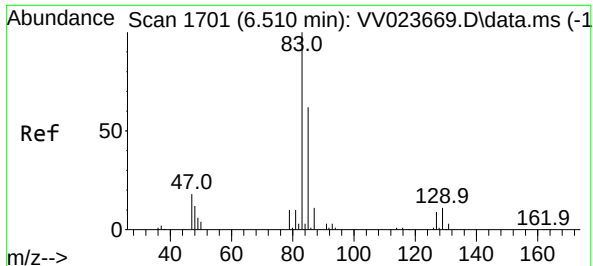
Tgt Ion: 63 Resp: 5617

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#38

Bromodichloromethane

Concen: 0.117 ug/L

RT: 6.522 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV023681.D

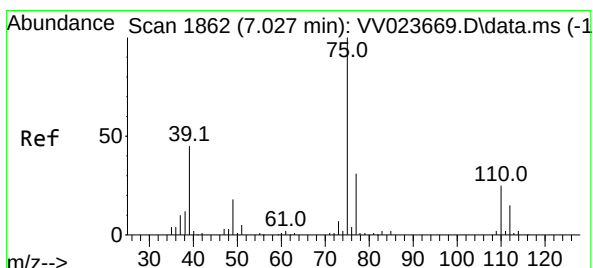
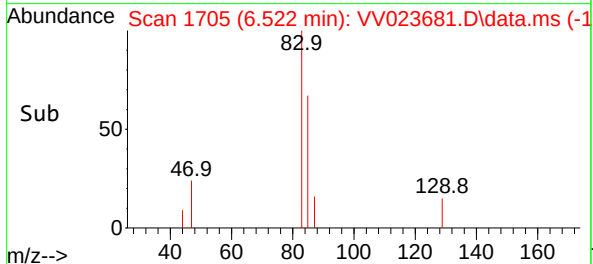
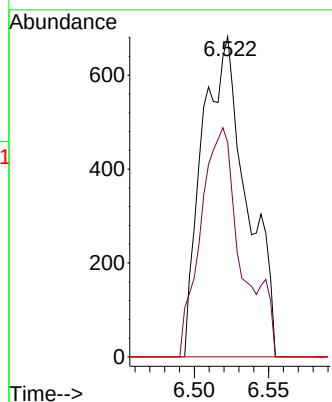
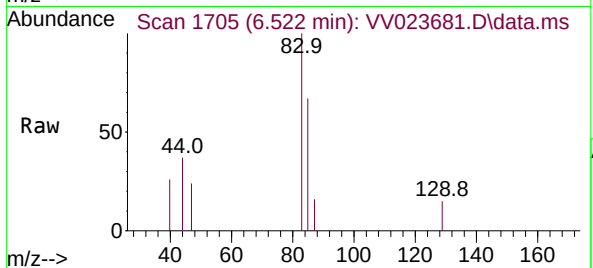
Acq: 23 Nov 2021 19:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	1419
Ion Ratio	Lower	Upper
83	100	
85	66.9	44.0 81.8
127	0.0	8.6 12.8#



#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

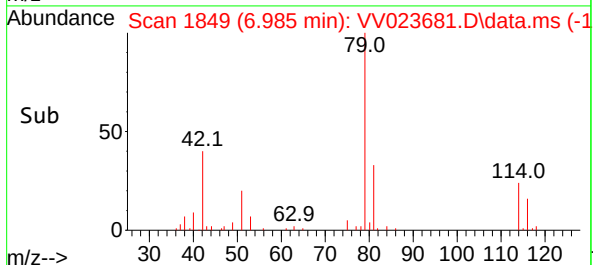
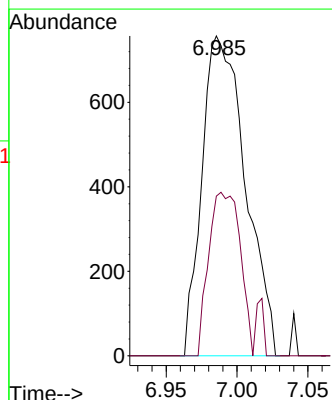
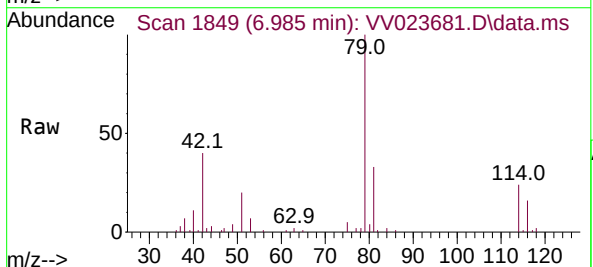
RT: 6.985 min Scan# 1849

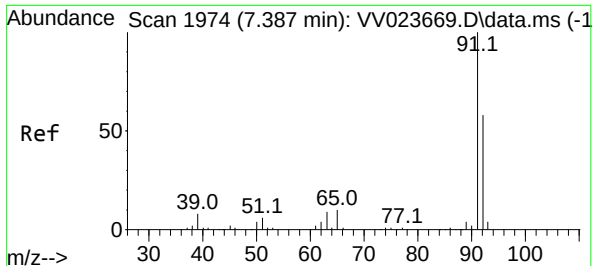
Delta R.T. -0.042 min

Lab File: VV023681.D

Acq: 23 Nov 2021 19:18

Tgt Ion: 75	Resp:	1617
Ion Ratio	Lower	Upper
75	100	
77	49.9	22.0 41.0#





#42

Toluene

Concen: 0.076 ug/L

RT: 7.400 min Scan# 1974

Delta R.T. 0.013 min

Lab File: VV023681.D

Acq: 23 Nov 2021 19:18

Instrument :

MSVOA_V

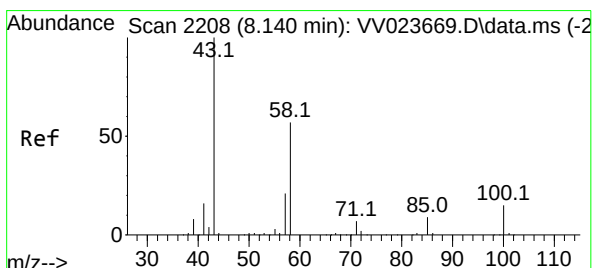
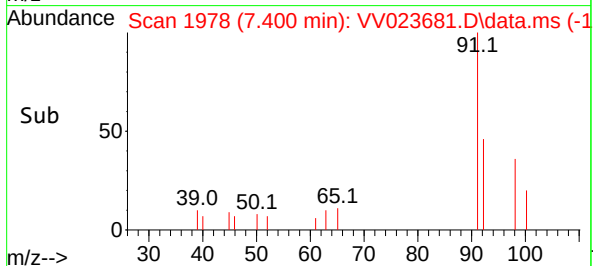
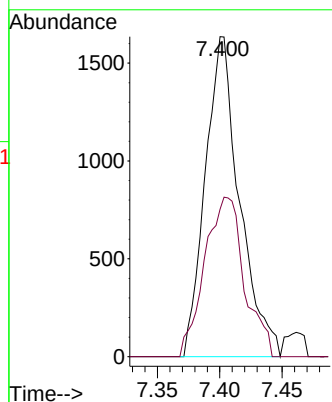
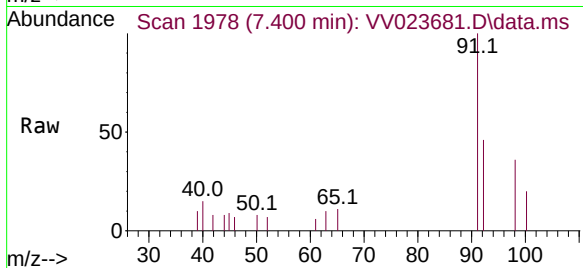
ClientSampleId :

Tgt Ion: 91 Resp: 3121

Ion Ratio Lower Upper

91 100

92 46.1 41.5 77.1



#48

2-Hexanone

Concen: 1.454 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VV023681.D

Acq: 23 Nov 2021 19:18

Tgt Ion: 43 Resp: 4598

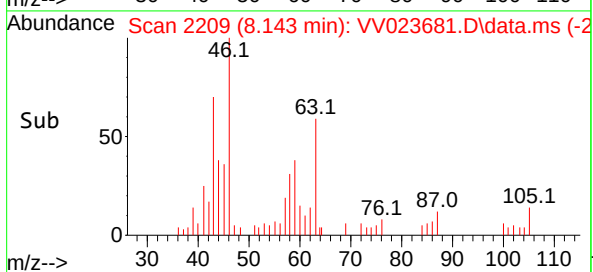
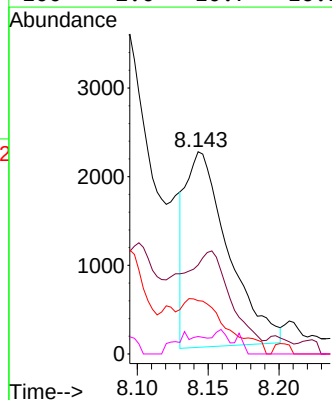
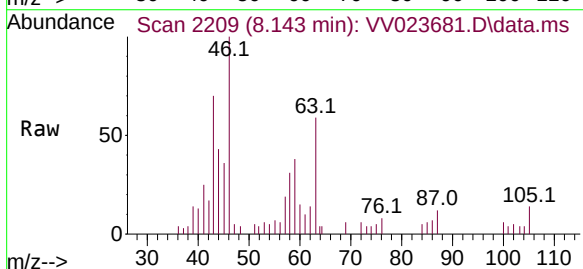
Ion Ratio Lower Upper

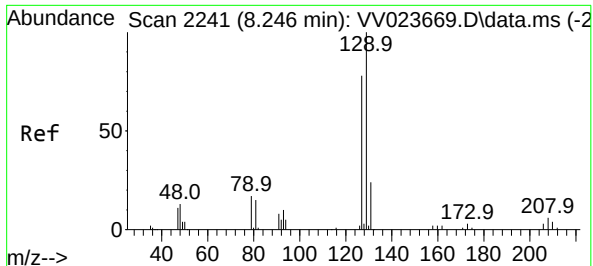
43 100

58 32.5 44.5 66.7#

57 0.0 15.1 22.7#

100 2.0 10.7 16.1#





#49

Dibromochloromethane

Concen: 0.134 ug/L

RT: 8.246 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023681.D

Acq: 23 Nov 2021 19:18

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MSVOA_V

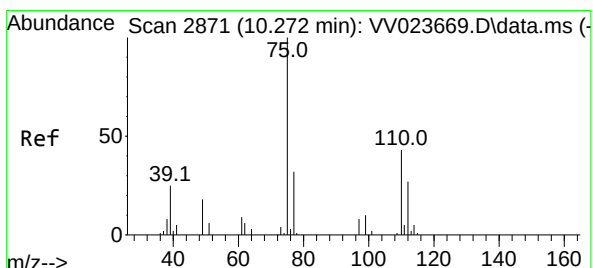
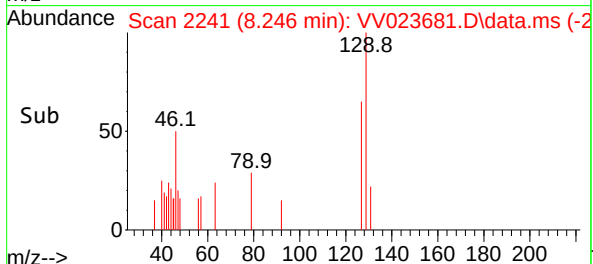
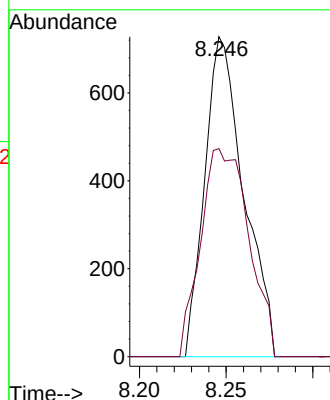
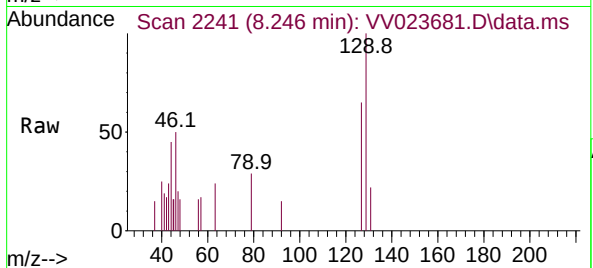
ClientSampleId :

Tgt Ion:129 Resp: 1143

Ion Ratio Lower Upper

129 100

127 65.0 53.5 99.3



#61

1,2,3-Trichloropropane

Concen: 1.400 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023681.D

Acq: 23 Nov 2021 19:18

Tgt Ion: 75 Resp: 5946

Ion Ratio Lower Upper

75 100

77 37.9 26.4 39.6

110 2.8 34.2 51.2#

