

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023679.D
 Acq On : 23 Nov 2021 18:31
 Operator : SY/MD
 Sample : M4723-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 05:00:46 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	134011	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	131838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61142	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49349	4.486	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.568	69	39785	4.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.108	63	68137	3.514	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.895	46	83928	63.461	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.920%
24) Chloroform-d	4.349	84	90568	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.034	65	42972	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.050	84	174318	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.072	67	49196	4.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.316	98	150148	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.625	79	18257	4.499	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.091	63	61157	45.356	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.720%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32943	4.547	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	56364	5.214	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%

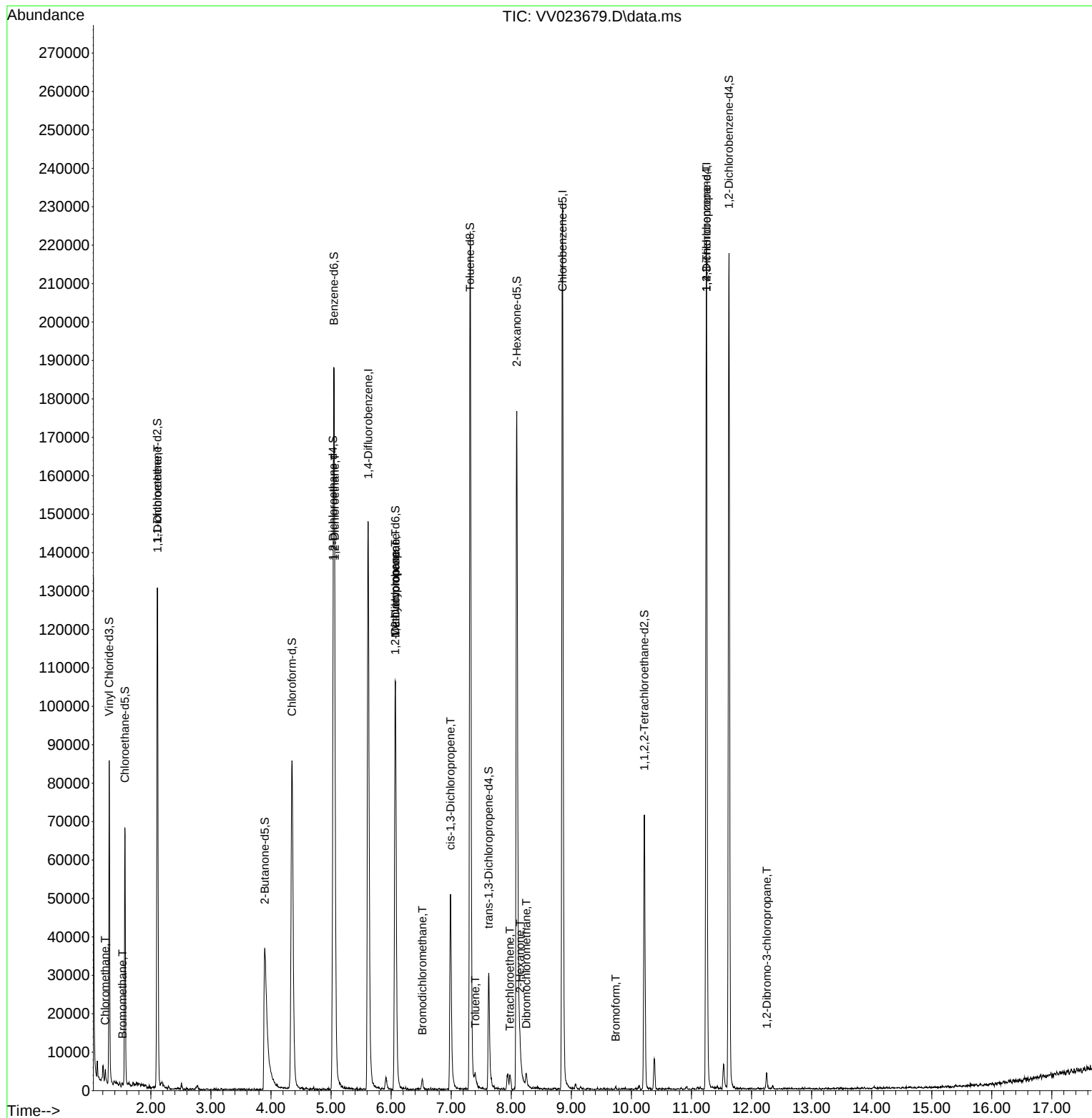
Target Compounds				Qvalue		
3) Chloromethane	1.240	50	1766	0.160	ug/L #	74
6) Bromomethane	1.526	94	294	0.045	ug/L	75
12) 1,1-Dichloroethene	2.111	96	682	0.076	ug/L #	1
27) 1,2-Dichloroethane	5.063	62	1021	0.100	ug/L #	73
35) Methylcyclohexane	6.072	83	12732	0.811	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	5815	0.651	ug/L #	84
38) Bromodichloromethane	6.522	83	1735	0.143	ug/L #	80
39) cis-1,3-Dichloropropene	6.989	75	1423	0.112	ug/L #	69
42) Toluene	7.400	91	2824	0.069	ug/L	94
47) Tetrachloroethene	7.979	164	999	0.109	ug/L	96
48) 2-Hexanone	8.146	43	5188	1.646	ug/L #	56
49) Dibromochloromethane	8.249	129	1955	0.231	ug/L	97
59) Bromoform	9.741	173	389	0.096	ug/L #	56
61) 1,2,3-Trichloropropane	11.249	75	6168	1.422	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.252	75	130	0.151	ug/L #	1

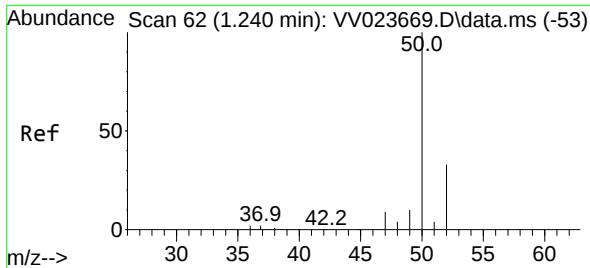
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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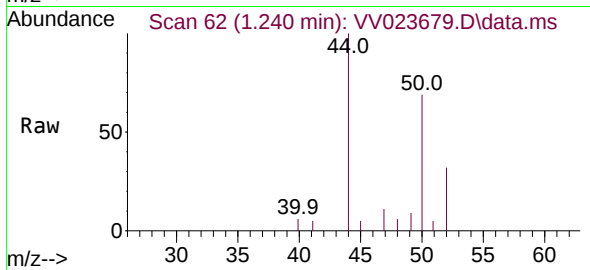
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:42:45 2021
Response via : Initial Calibration



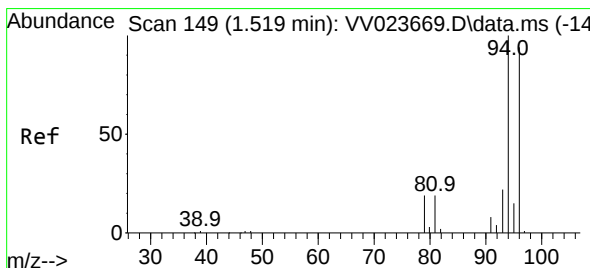
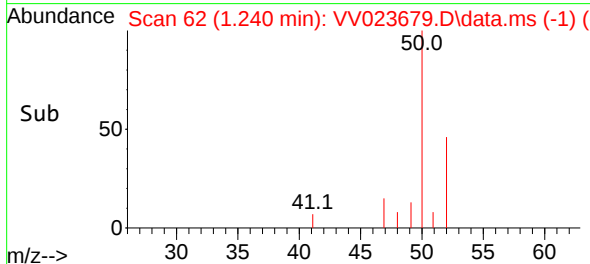
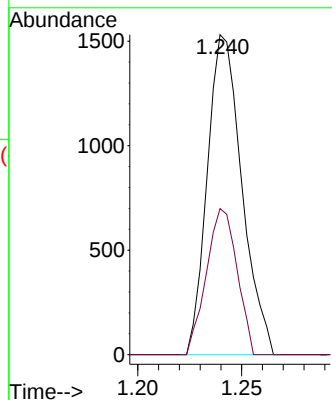


#3
Chloromethane
Concen: 0.160 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023679.D
Acq: 23 Nov 2021 18:31

Instrument :
MSVOA_V
ClientSampleId :

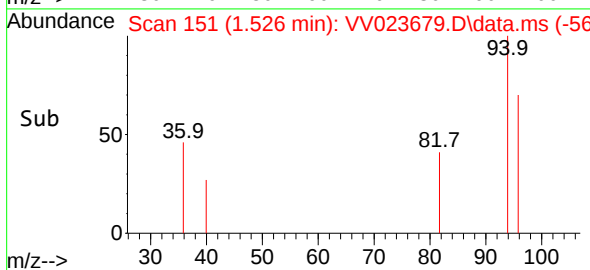
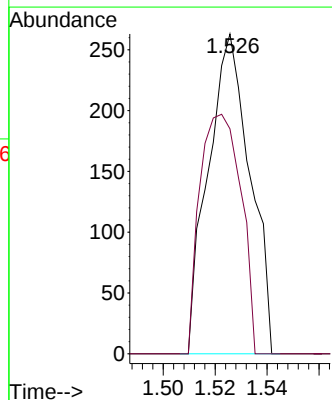
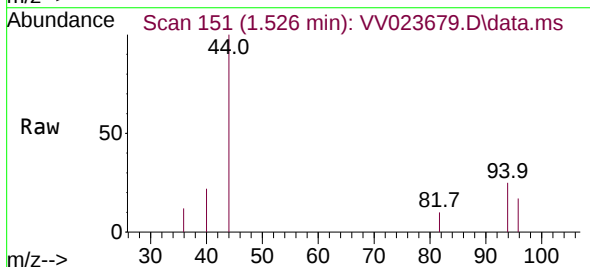


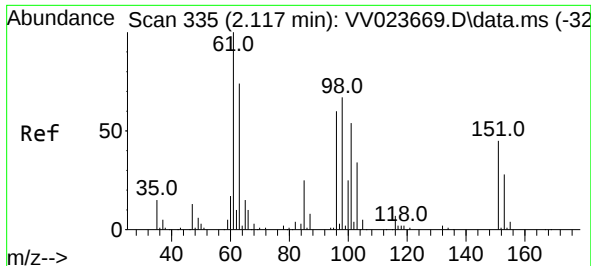
Tgt Ion: 50 Resp: 1766
Ion Ratio Lower Upper
50 100
52 45.7 22.0 41.0#



#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.006 min
Lab File: VV023679.D
Acq: 23 Nov 2021 18:31

Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 70.3 66.2 123.0





#12

1,1-Dichloroethene

Concen: 0.076 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV023679.D

Acq: 23 Nov 2021 18:31

Instrument :

MSVOA_V

ClientSampleId :

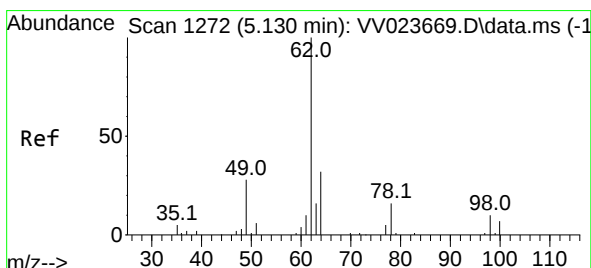
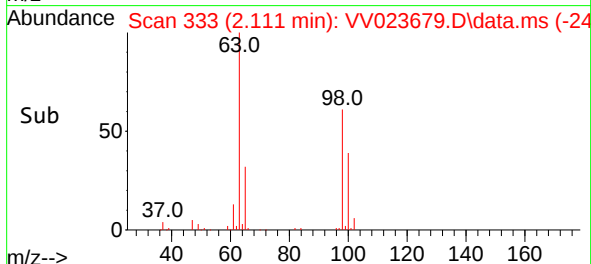
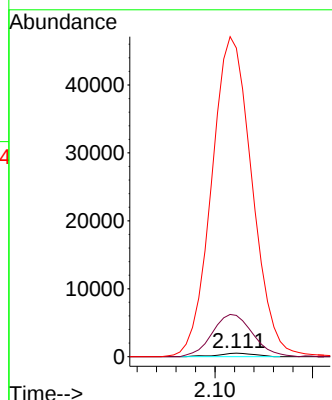
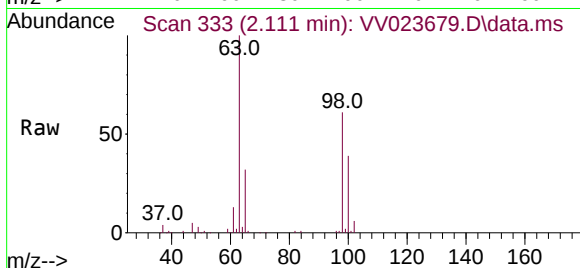
Tgt Ion: 96 Resp: 682

Ion Ratio Lower Upper

96 100

61 1179.1 116.1 215.5#

63 8807.8 79.4 147.4#



#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. -0.068 min

Lab File: VV023679.D

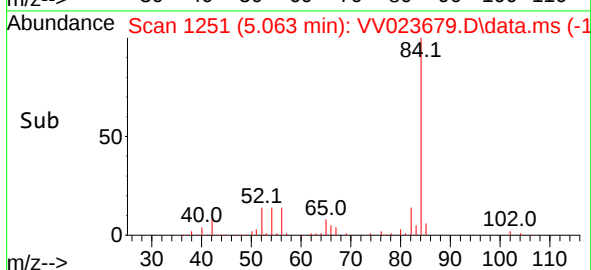
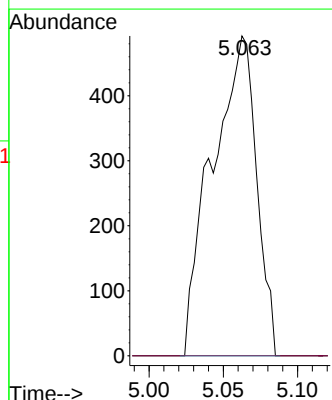
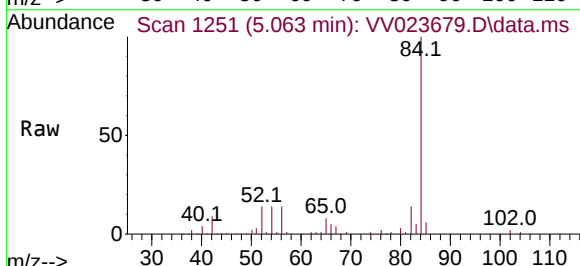
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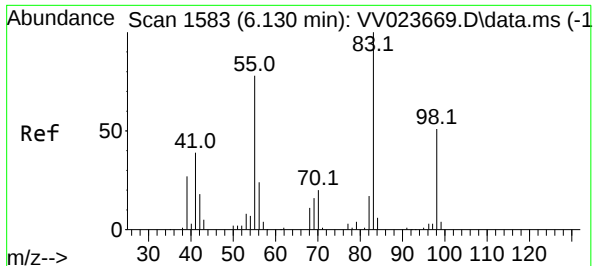
Tgt Ion: 62 Resp: 1021

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#

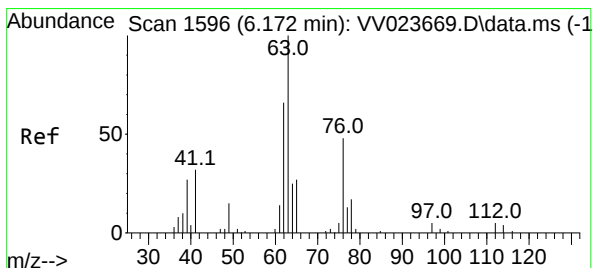
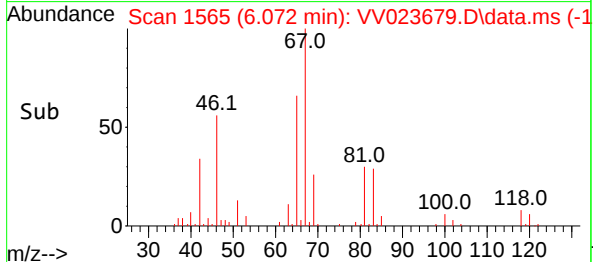
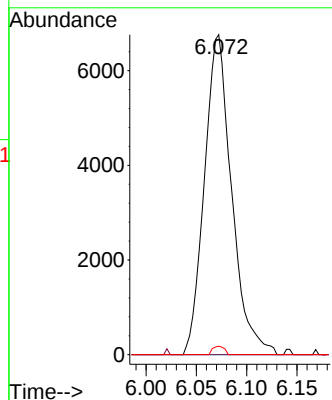
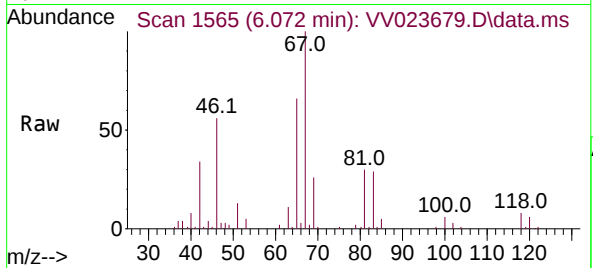




#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023679.D
Acq: 23 Nov 2021 18:31

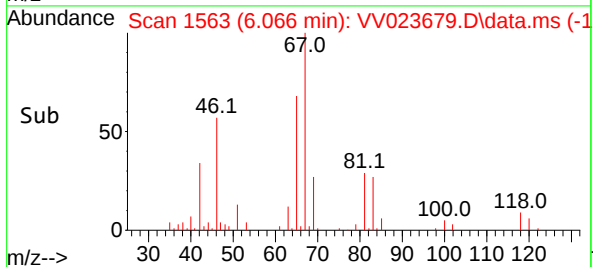
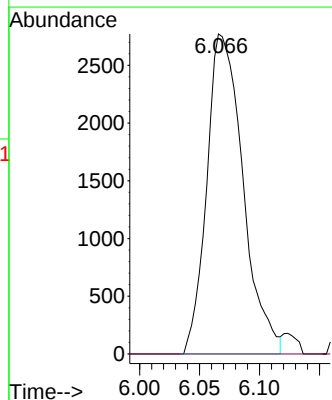
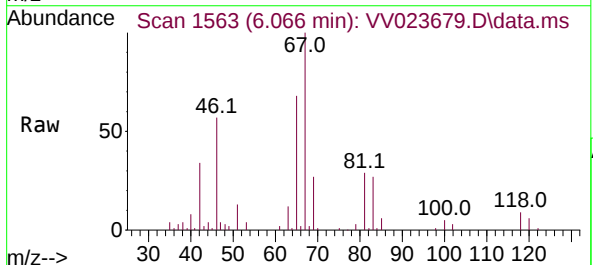
Instrument :
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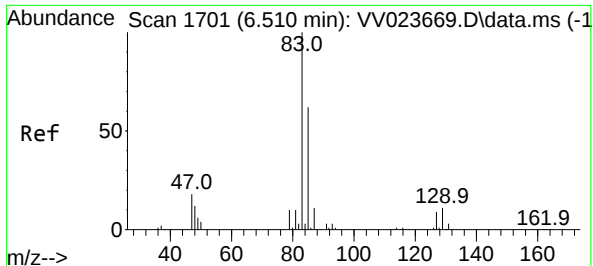
Tgt Ion: 83 Resp: 12732
Ion Ratio Lower Upper
83 100
55 0.2 60.2 90.2#
98 1.1 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.106 min
Lab File: VV023679.D
Acq: 23 Nov 2021 18:31

Tgt Ion: 63 Resp: 5815
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#

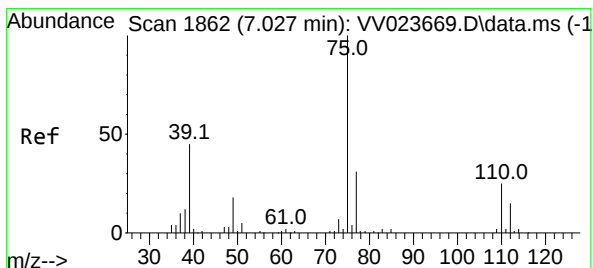
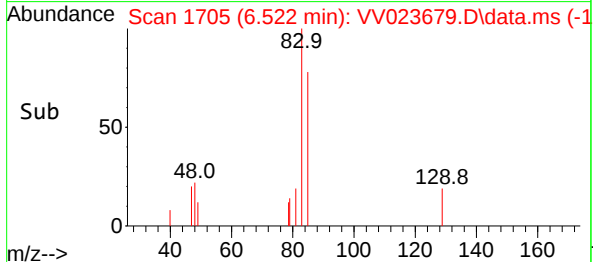
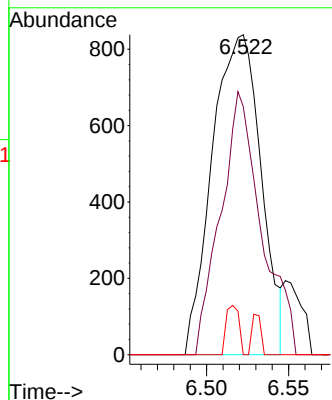
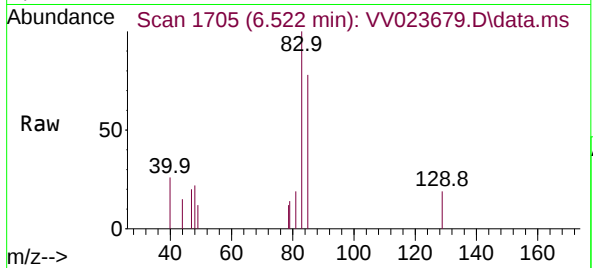




#38
Bromodichloromethane
Concen: 0.143 ug/L
RT: 6.522 min Scan# 1705
Delta R.T. 0.013 min
Lab File: VV023679.D
Acq: 23 Nov 2021 18:31

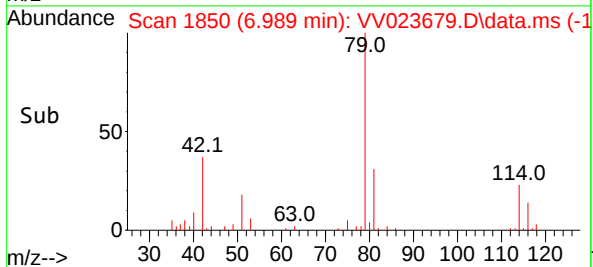
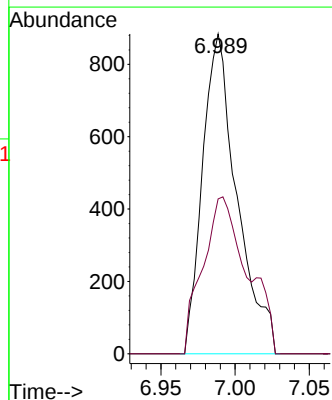
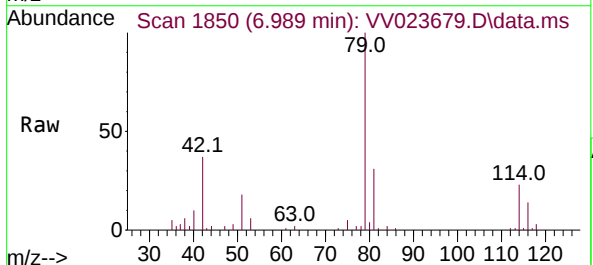
Instrument :
MSVOA_V
ClientSampleId :

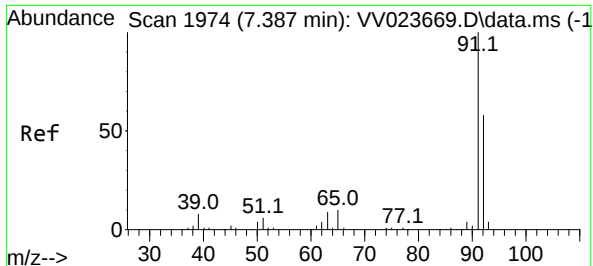
Tgt Ion: 83 Resp: 1735
Ion Ratio Lower Upper
83 100
85 77.6 44.0 81.8
127 0.0 8.6 12.8#



#39
cis-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV023679.D
Acq: 23 Nov 2021 18:31

Tgt Ion: 75 Resp: 1423
Ion Ratio Lower Upper
75 100
77 48.4 22.0 41.0#

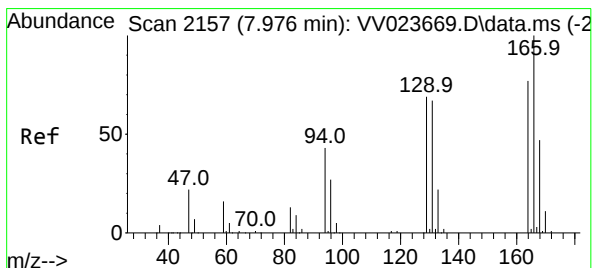
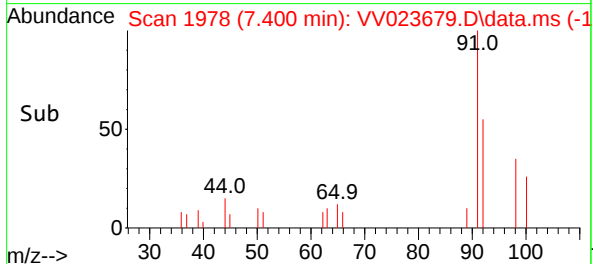
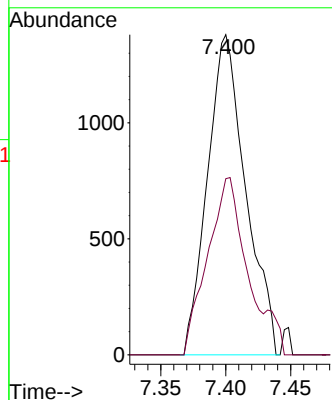
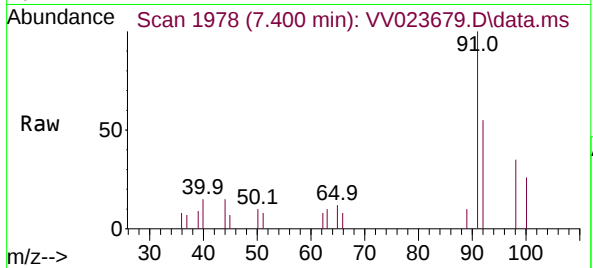




#42
Toluene
Concen: 0.069 ug/L
RT: 7.400 min Scan# 1974
Delta R.T. 0.013 min
Lab File: VV023679.D
Acq: 23 Nov 2021 18:31

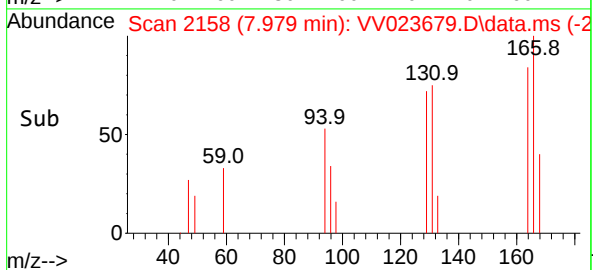
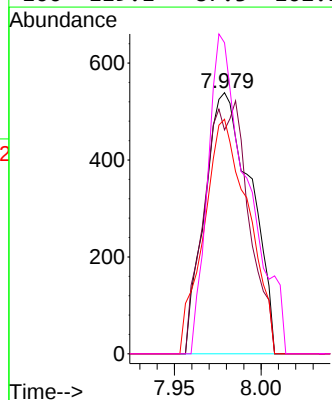
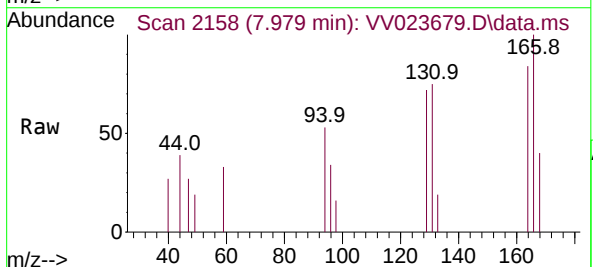
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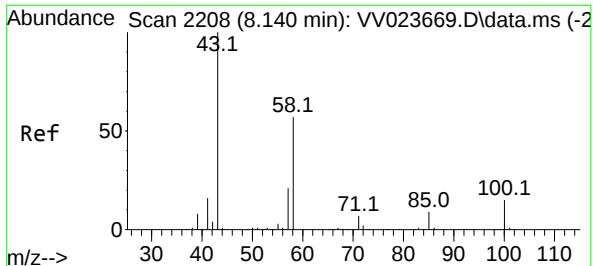
Tgt Ion: 91 Resp: 2824
Ion Ratio Lower Upper
91 100
92 55.0 41.5 77.1



#47
Tetrachloroethene
Concen: 0.109 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023679.D
Acq: 23 Nov 2021 18:31

Tgt Ion: 164 Resp: 999
Ion Ratio Lower Upper
164 100
129 85.7 62.6 116.2
131 89.8 61.0 113.4
166 119.1 87.3 162.1

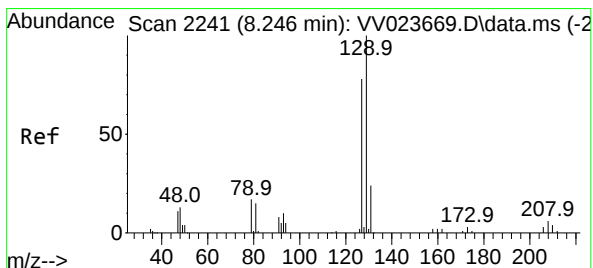
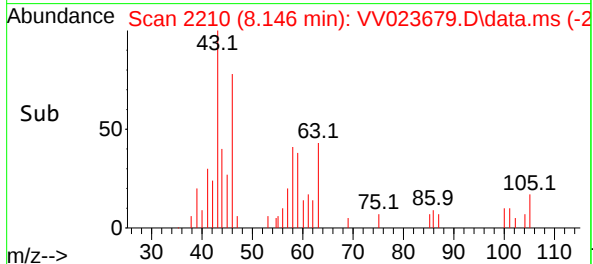
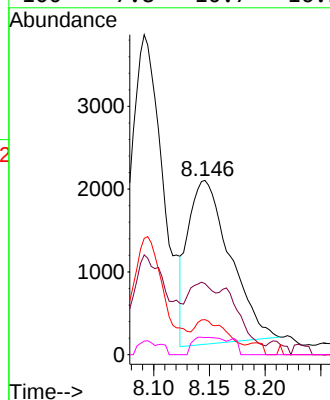
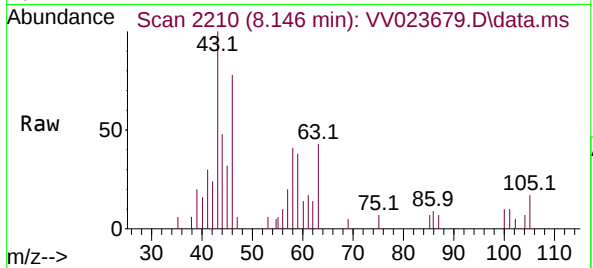




#48
2-Hexanone
Concen: 1.646 ug/L
RT: 8.146 min Scan# 2110
Delta R.T. 0.006 min
Lab File: VV023679.D
Acq: 23 Nov 2021 18:31

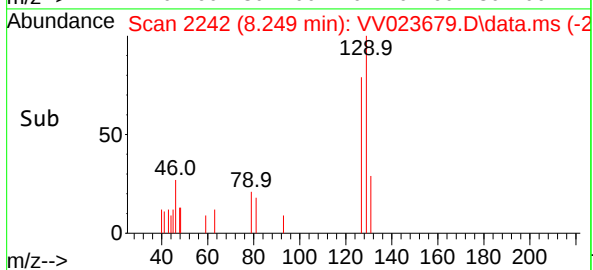
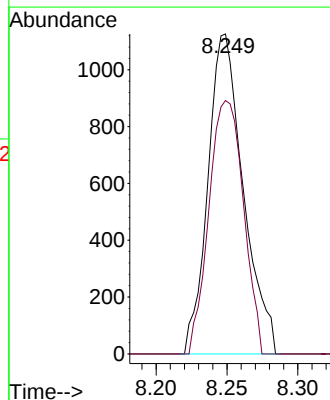
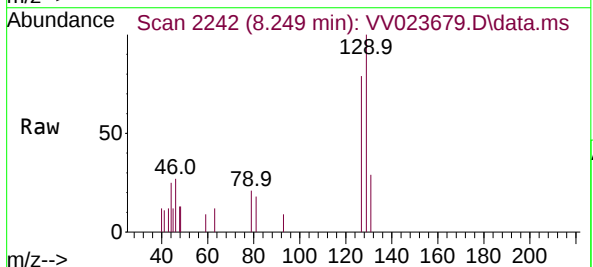
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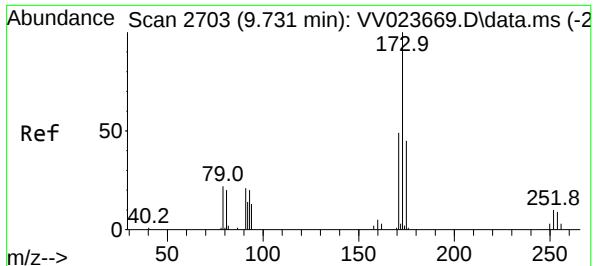
Tgt Ion:	43	Resp:	5188
Ion	Ratio	Lower	Upper
43	100		
58	8.3	44.5	66.7#
57	16.5	15.1	22.7
100	7.8	10.7	16.1#



#49
Dibromochloromethane
Concen: 0.231 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV023679.D
Acq: 23 Nov 2021 18:31

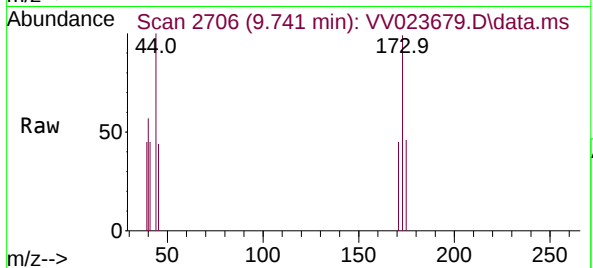
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Ion	Ratio	Lower	Upper
129	100		
127	79.2	53.5	99.3



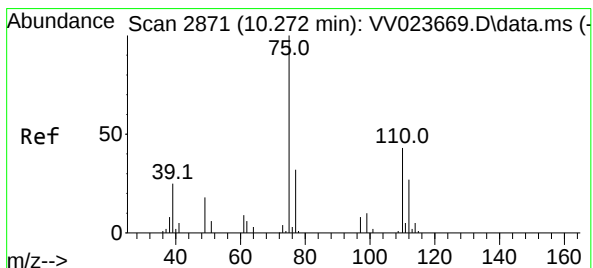
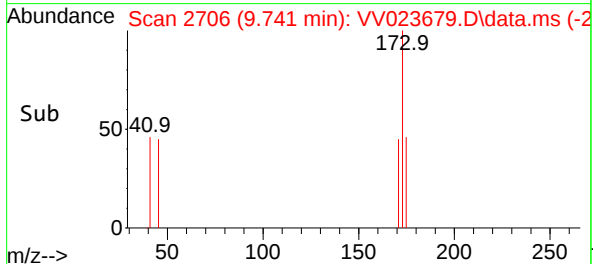
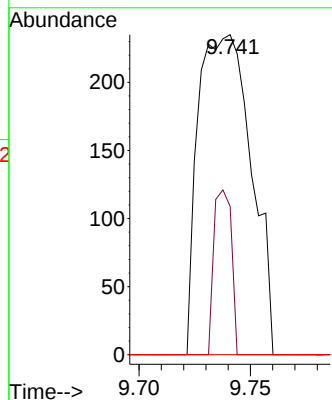


#59
Bromoform
Concen: 0.096 ug/L
RT: 9.741 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV023679.D
Acq: 23 Nov 2021 18:31

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ClientSampleId :

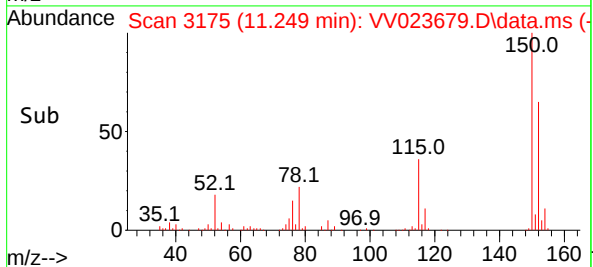
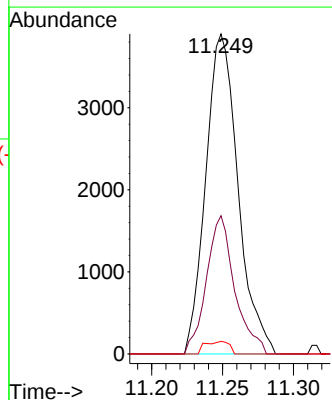
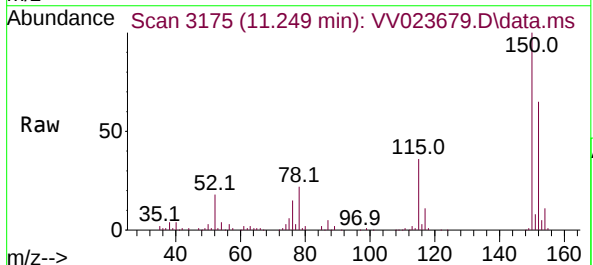


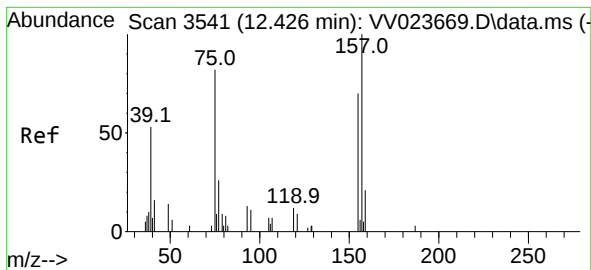
Tgt Ion:173 Resp: 389
Ion Ratio Lower Upper
173 100
175 17.0 39.4 59.2#
254 0.0 7.4 11.0#



#61
1,2,3-Trichloropropane
Concen: 1.422 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV023679.D
Acq: 23 Nov 2021 18:31

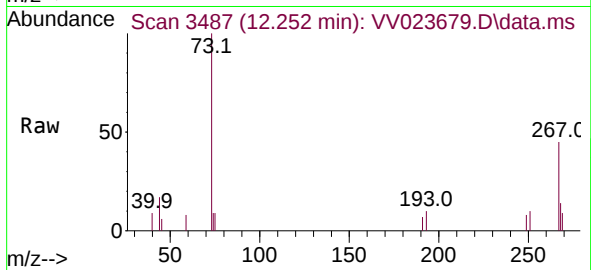
Tgt Ion: 75 Resp: 6168
Ion Ratio Lower Upper
75 100
77 37.9 26.4 39.6
110 2.9 34.2 51.2#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.151 ug/L
 RT: 12.252 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV023679.D
 Acq: 23 Nov 2021 18:31

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 130
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.7 107.5#
 157 0.0 103.3 154.9#

