

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022688.D
 Acq On : 08 Oct 2021 01:28
 Operator : SY/MD
 Sample : M4098-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 04:06:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

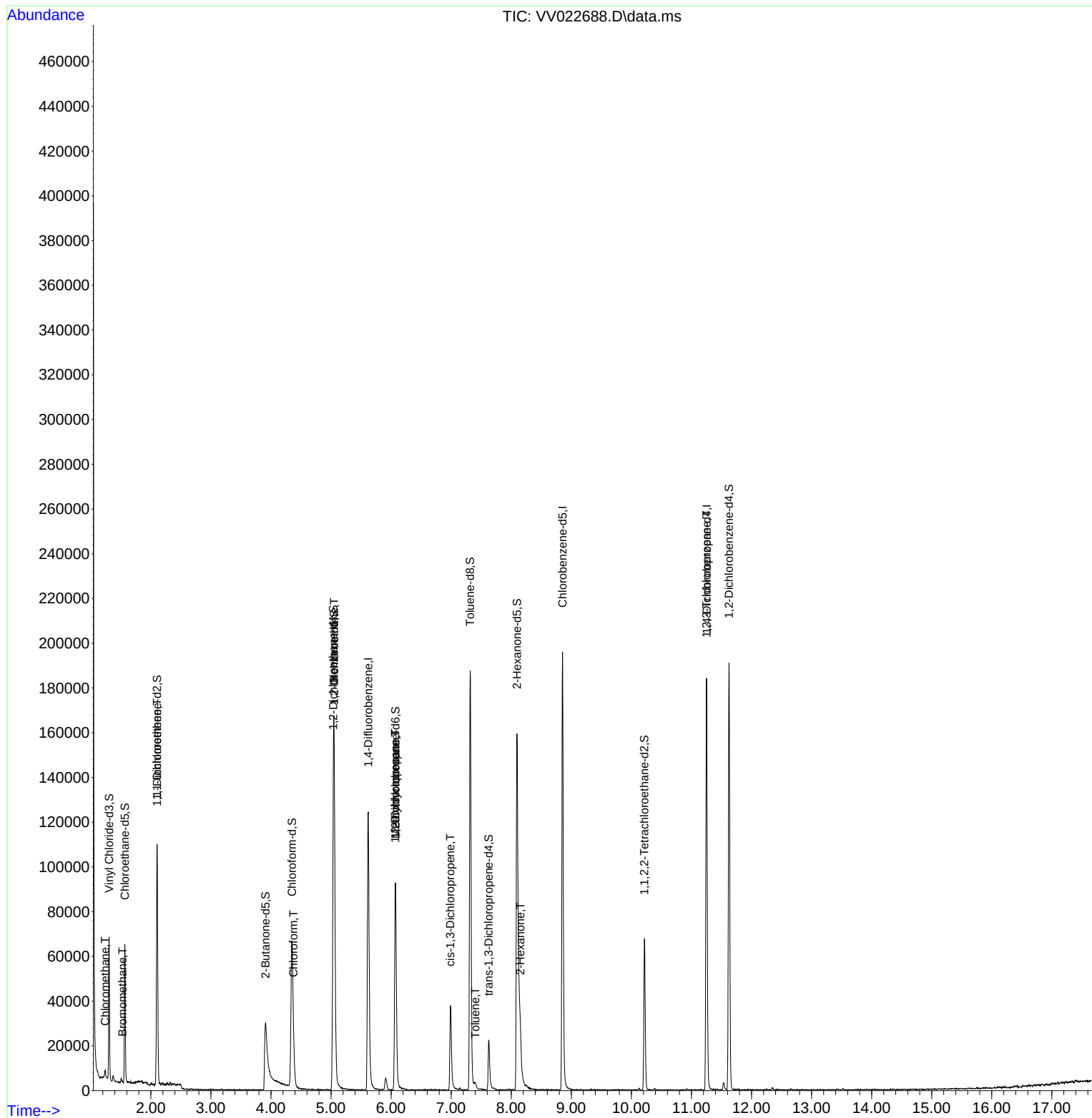
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110881	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	113354	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	51756	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36778	4.821	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.568	69	35882	5.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.105	63	55644	3.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.908	46	67919	33.955	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.900%
24) Chloroform-d	4.349	84	67980	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.037	65	36625	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.050	84	150169	4.450	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.072	67	45824	4.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.317	98	128248	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.625	79	13915	4.197	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.095	63	64989	48.646	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33093	4.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	51608	5.378	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1781	0.219	ug/L	97
6) Bromomethane	1.526	94	260	0.050	ug/L	87
12) 1,1-Dichloroethene	2.101	96	549	0.082	ug/L #	1
25) Chloroform	4.375	83	9977	0.656	ug/L	99
27) 1,2-Dichloroethane	5.053	62	849	0.112	ug/L #	69
35) Methylcyclohexane	6.072	83	11282	0.970	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	4912	0.669	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1111	0.114	ug/L #	61
42) Toluene	7.403	91	1870	0.060	ug/L	81
48) 2-Hexanone	8.149	43	8637	2.994	ug/L #	89
61) 1,2,3-Trichloropropane	11.249	75	5595	1.556	ug/L #	61

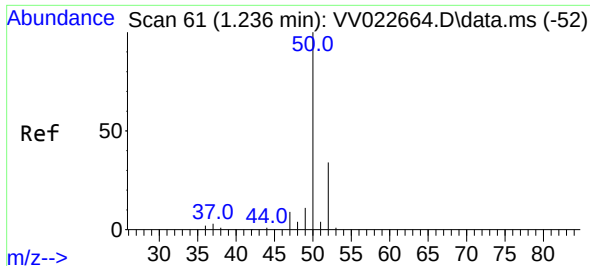
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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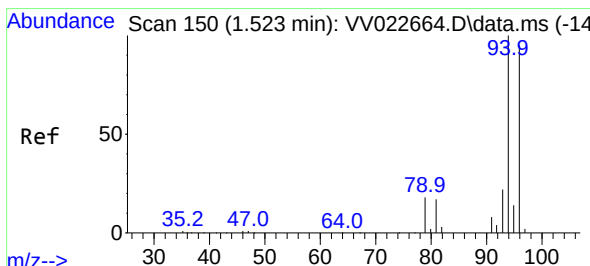
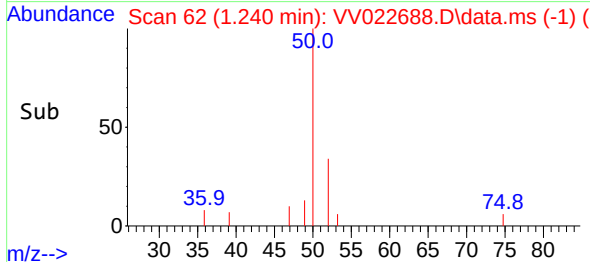
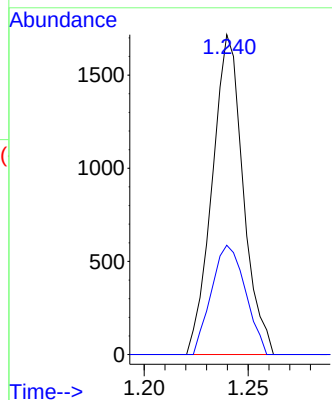
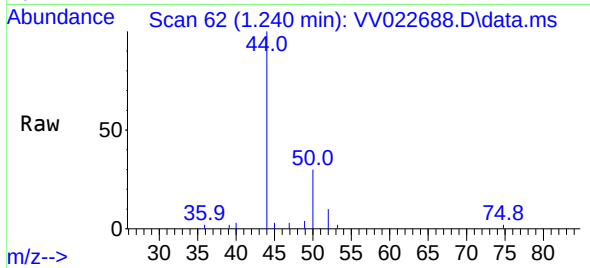




#3
Chloromethane
Concen: 0.219 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV022688.D
Acq: 08 Oct 2021 01:28

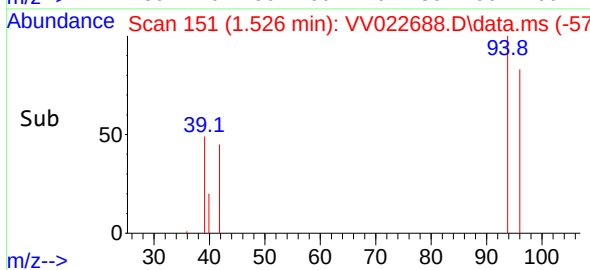
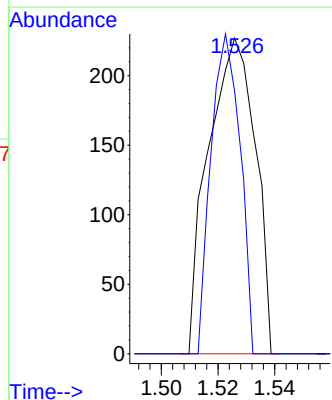
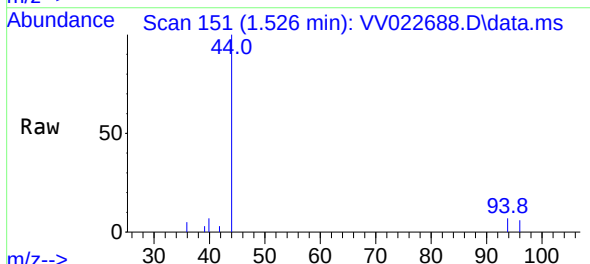
Instrument :
MSVOA_V
ClientSampled :

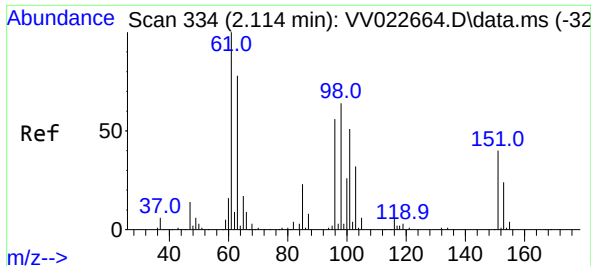
Tgt Ion: 50 Resp: 1781
Ion Ratio Lower Upper
50 100
52 34.2 22.9 42.5



#6
Bromomethane
Concen: 0.050 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV022688.D
Acq: 08 Oct 2021 01:28

Tgt Ion: 94 Resp: 260
Ion Ratio Lower Upper
94 100
96 83.3 67.2 124.8





#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.101 min Scan# 330

Delta R.T. -0.013 min

Lab File: VV022688.D

Acq: 08 Oct 2021 01:28

Tgt Ion: 96 Resp: 549

Ion Ratio Lower Upper

96 100

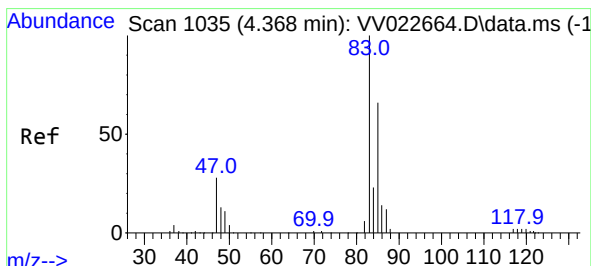
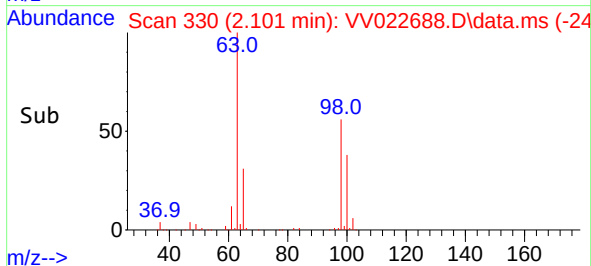
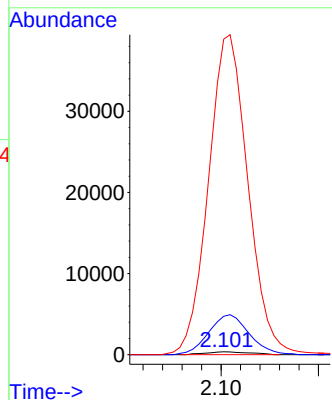
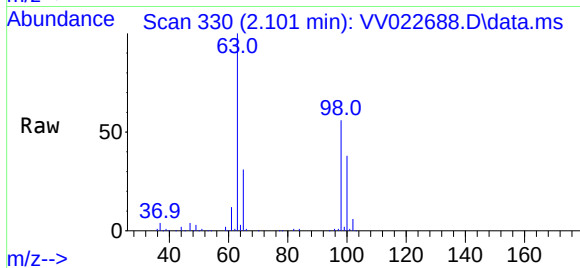
61 1319.5 127.3 236.5#

63 10834.5 106.2 197.2#

Instrument :

MSVOA_V

ClientSampled :



#25

Chloroform

Concen: 0.656 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VV022688.D

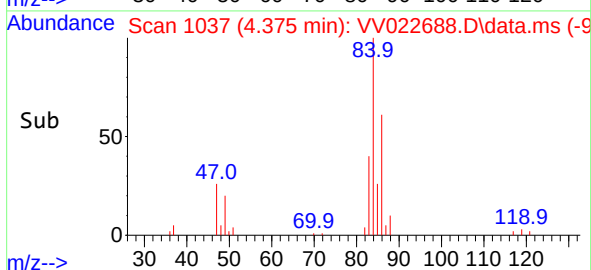
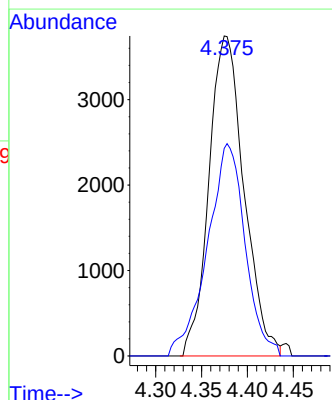
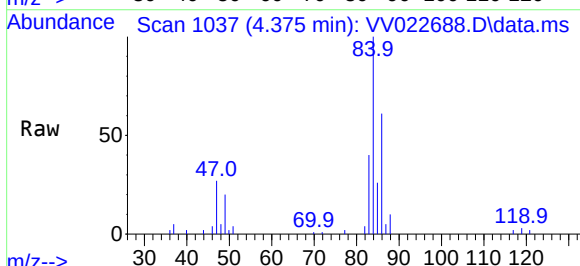
Acq: 08 Oct 2021 01:28

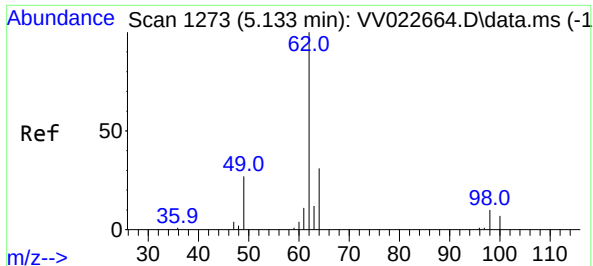
Tgt Ion: 83 Resp: 9977

Ion Ratio Lower Upper

83 100

85 64.8 45.7 84.9

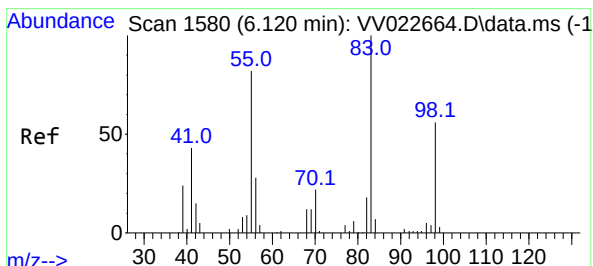
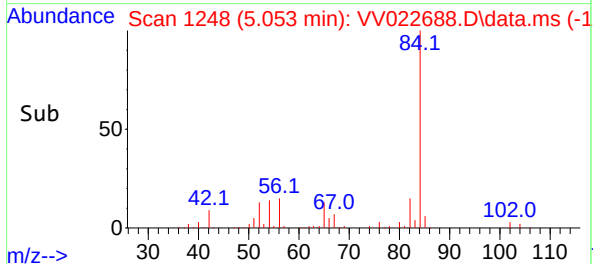
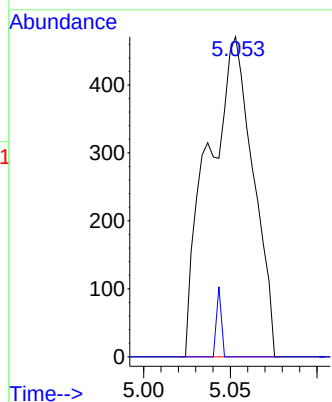
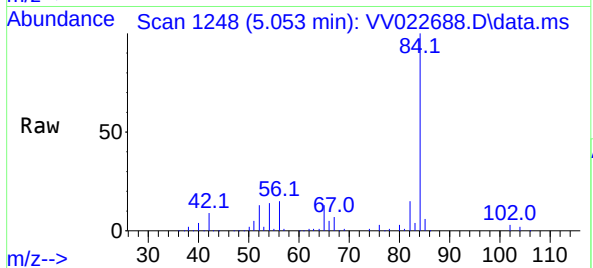




#27
1,2-Dichloroethane
Concen: 0.112 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.080 min
Lab File: VV022688.D
Acq: 08 Oct 2021 01:28

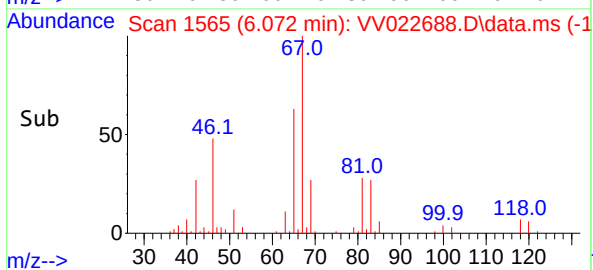
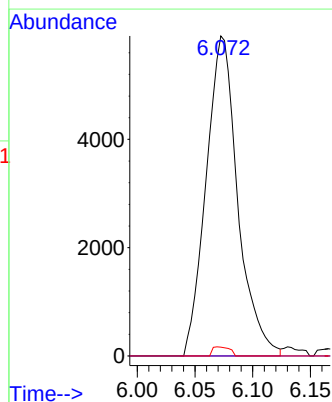
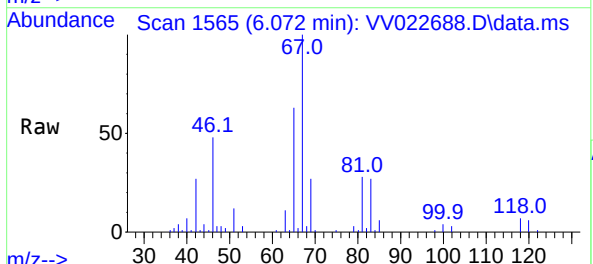
Instrument :
MSVOA_V
ClientSampled :

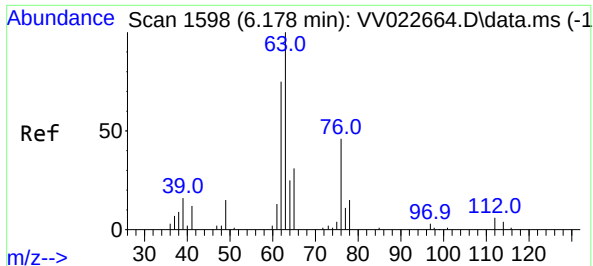
Tgt Ion: 62 Resp: 849
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#



#35
Methylcyclohexane
Concen: 0.970 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.048 min
Lab File: VV022688.D
Acq: 08 Oct 2021 01:28

Tgt Ion: 83 Resp: 11282
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 1.5 42.1 63.1#

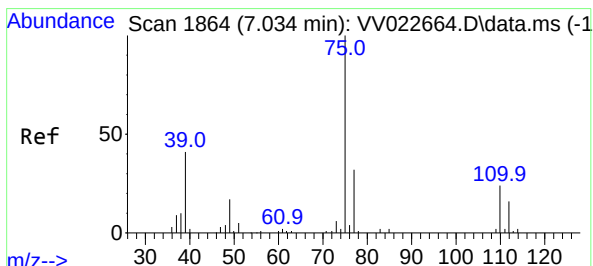
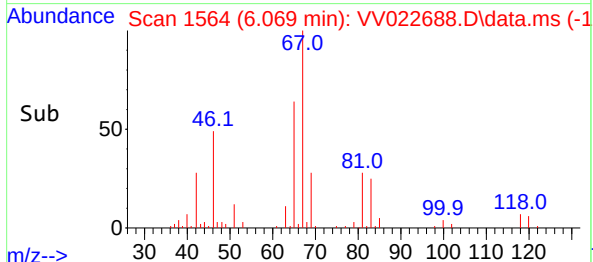
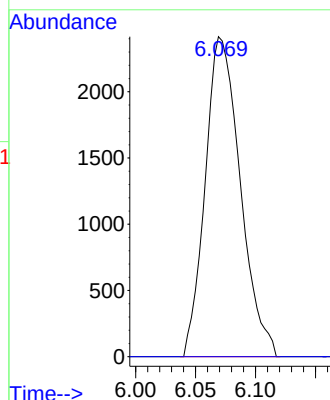
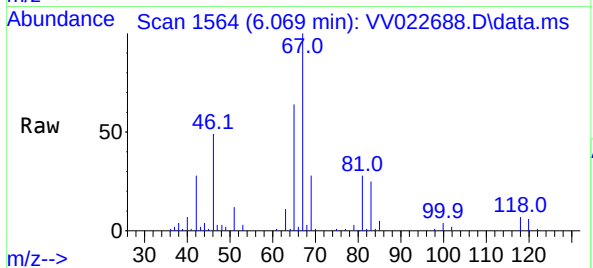




#37
1,2-Dichloropropane
Concen: 0.669 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.109 min
Lab File: VV022688.D
Acq: 08 Oct 2021 01:28

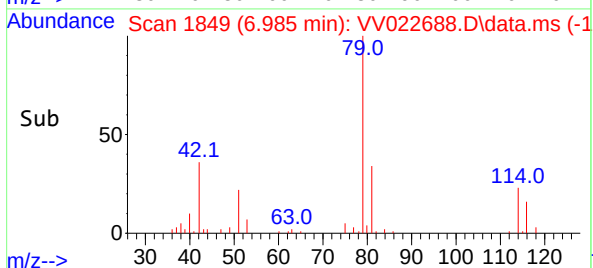
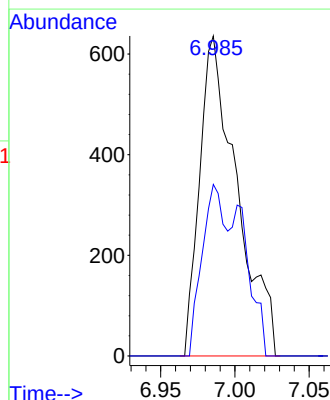
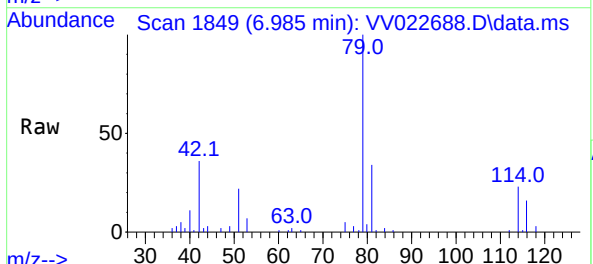
Instrument :
MSVOA_V
ClientSampled :

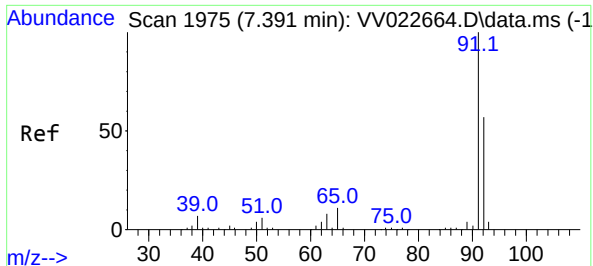
Tgt Ion: 63 Resp: 4912
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.048 min
Lab File: VV022688.D
Acq: 08 Oct 2021 01:28

Tgt Ion: 75 Resp: 1111
Ion Ratio Lower Upper
75 100
77 53.6 22.3 41.3#

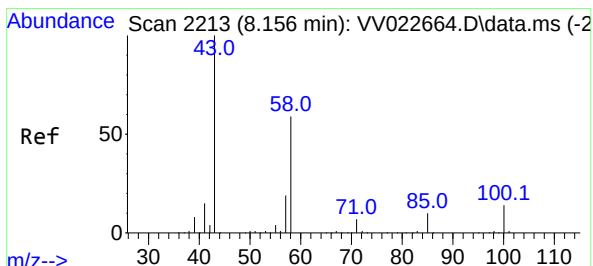
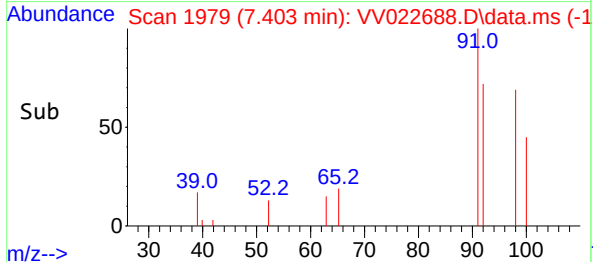
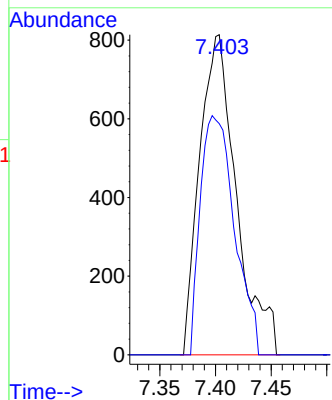
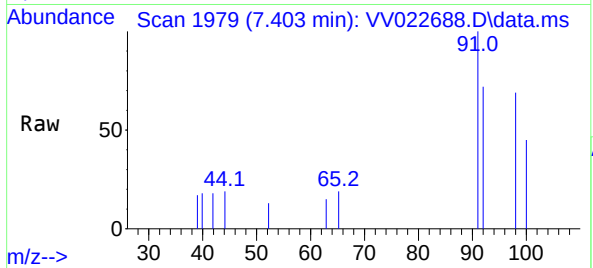




#42
Toluene
Concen: 0.060 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.013 min
Lab File: VV022688.D
Acq: 08 Oct 2021 01:28

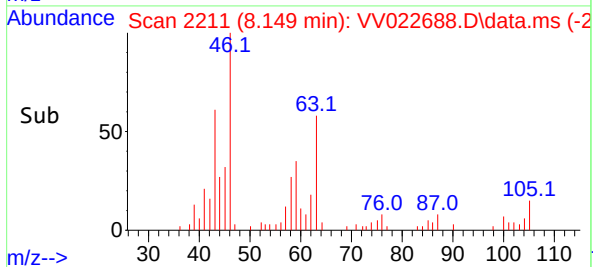
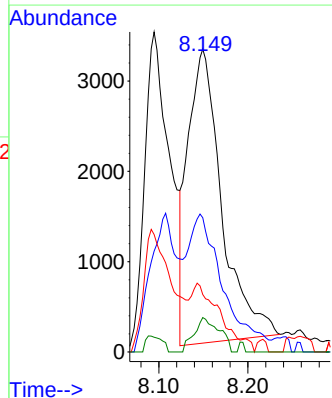
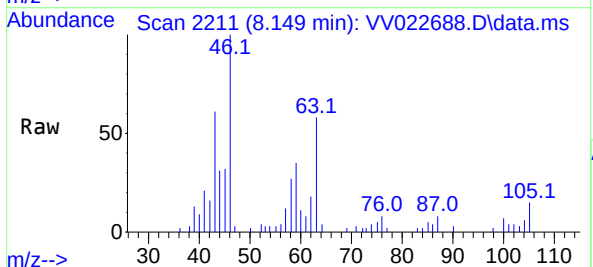
Instrument :
MSVOA_V
ClientSampled :

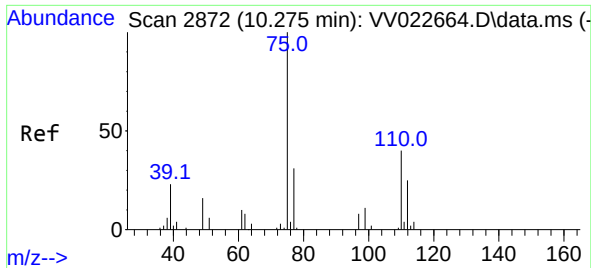
Tgt Ion: 91 Resp: 1870
Ion Ratio Lower Upper
91 100
92 72.2 40.7 75.7



#48
2-Hexanone
Concen: 2.994 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. -0.006 min
Lab File: VV022688.D
Acq: 08 Oct 2021 01:28

Tgt Ion: 43 Resp: 8637
Ion Ratio Lower Upper
43 100
58 48.8 47.4 71.0
57 19.7 15.3 22.9
100 8.6 10.4 15.6#





#61
1,2,3-Trichloropropane
Concen: 1.556 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022688.D
Acq: 08 Oct 2021 01:28

Instrument :
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ClientSampleId :

Tgt Ion:	75	Resp:	5595
Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.4	38.2
110	0.9	34.2	51.4#

