

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024064.D
 Acq On : 17 Dec 2021 15:05
 Operator : SY/MD
 Sample : M5090-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 18 01:46:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

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

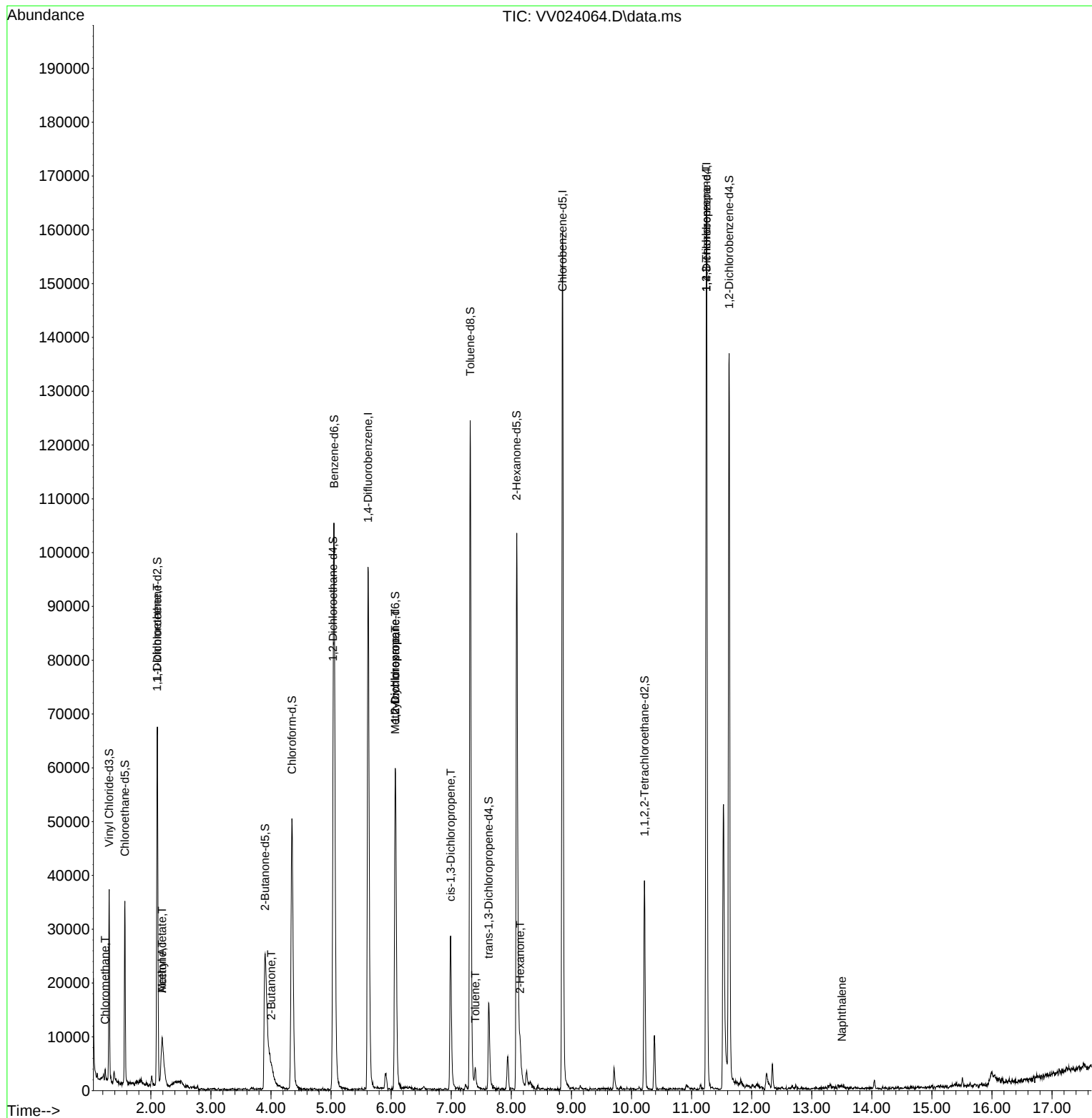
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	86268	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	89801	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	44655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21252	4.582	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.600%	
7) Chloroethane-d5	1.568	69	19574	5.059	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.200%	
11) 1,1-Dichloroethene-d2	2.108	63	34148	3.772	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	3.899	46	47475	52.397	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.800%	
24) Chloroform-d	4.349	84	50989	4.854	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.034	65	24829	5.076	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	5.050	84	93038	5.231	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
36) 1,2-Dichloropropane-d6	6.069	67	27567	5.137	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.800%	
41) Toluene-d8	7.317	98	82523	5.153	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
43) trans-1,3-Dichloroprop...	7.622	79	10046	4.513	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.088	63	33270	33.384	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	66.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	17688	3.973	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	35981	6.032	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	120.600%#	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1131	0.176	ug/L	93
12) 1,1-Dichloroethene	2.105	96	357	0.062	ug/L #	1
13) Acetone	2.188	43	20071	27.688	ug/L	79
15) Methyl Acetate	2.188	43	18926	10.772	ug/L #	50
21) 2-Butanone	4.005	43	4675	4.514	ug/L #	65
35) Methylcyclohexane	6.066	83	7923	0.751	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	3880	0.643	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	791	0.088	ug/L	92
42) Toluene	7.400	91	2752	0.096	ug/L	98
48) 2-Hexanone	8.146	43	4931	2.345	ug/L #	88
61) 1,2,3-Trichloropropane	11.246	75	4953	1.628	ug/L #	62
71) Naphthalene	13.503	128	864	0.069	ug/L #	69

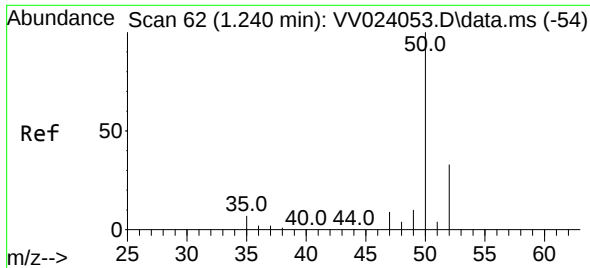
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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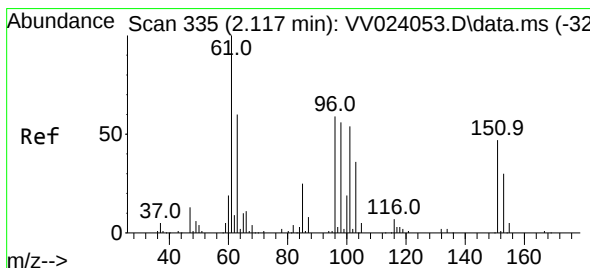
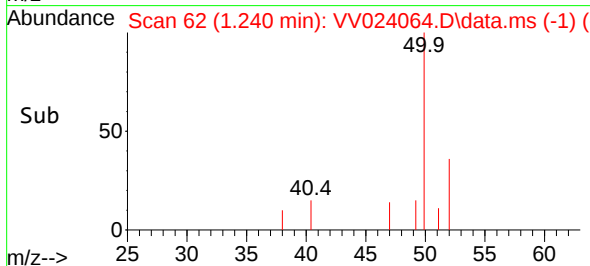
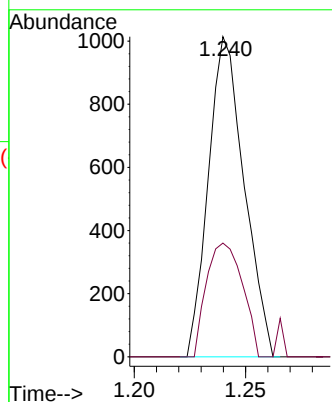
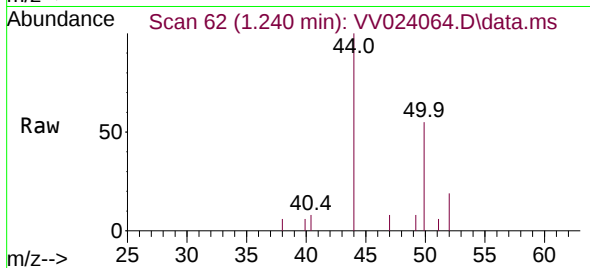




#3
 Chloromethane
 Concen: 0.176 ug/L
 RT: 1.240 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV024064.D
 Acq: 17 Dec 2021 15:05

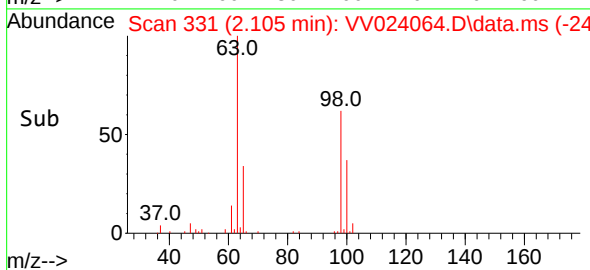
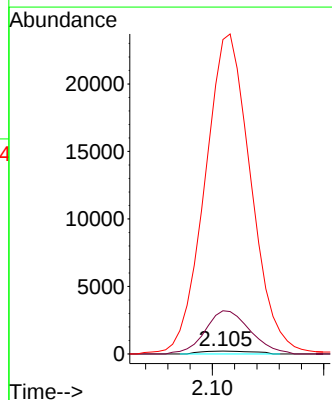
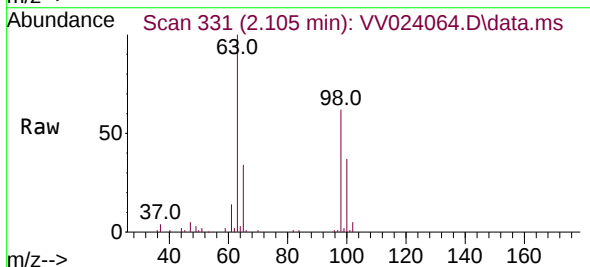
Instrument :
 MSVOA_V
 ClientSampleId :

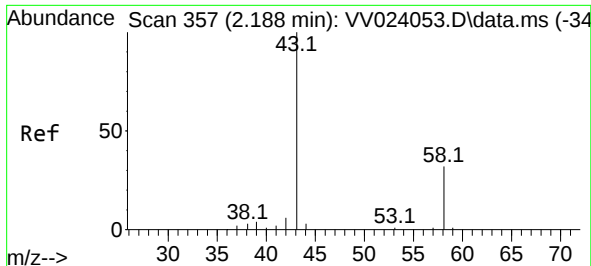
Tgt Ion: 50 Resp: 1131
 Ion Ratio Lower Upper
 50 100
 52 35.5 22.0 41.0



#12
 1,1-Dichloroethene
 Concen: 0.062 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.013 min
 Lab File: VV024064.D
 Acq: 17 Dec 2021 15:05

Tgt Ion: 96 Resp: 357
 Ion Ratio Lower Upper
 96 100
 61 1521.9 116.1 215.5#
 63 11089.5 79.4 147.4#





#13

Acetone

Concen: 27.688 ug/L

RT: 2.188 min Scan# 357

Delta R.T. 0.000 min

Lab File: VV024064.D

Acq: 17 Dec 2021 15:05

Instrument :

MSVOA_V

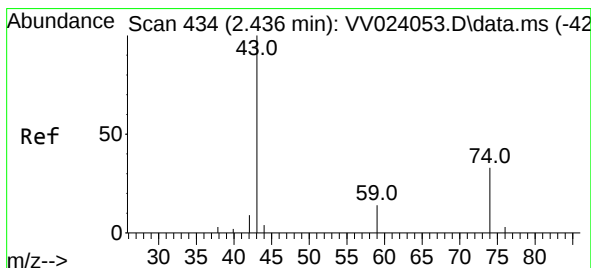
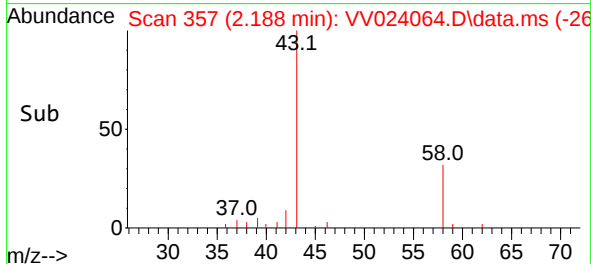
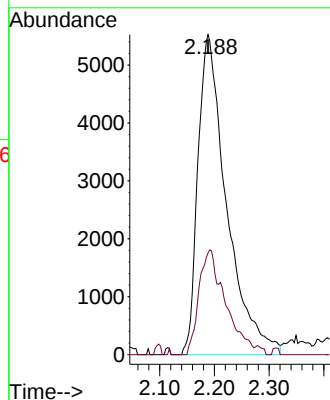
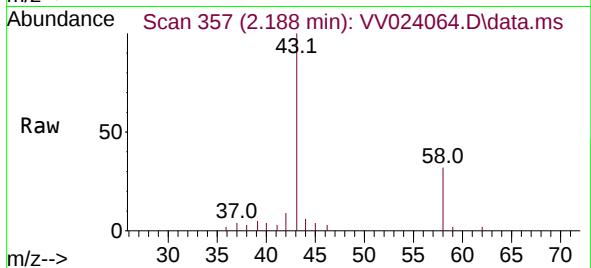
ClientSampleId :

Tgt Ion: 43 Resp: 20071

Ion Ratio Lower Upper

43 100

58 30.3 0.0 41.4



#15

Methyl Acetate

Concen: 10.772 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.247 min

Lab File: VV024064.D

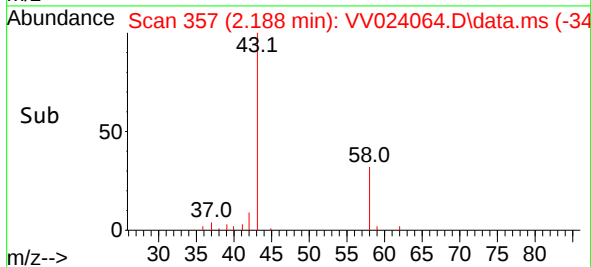
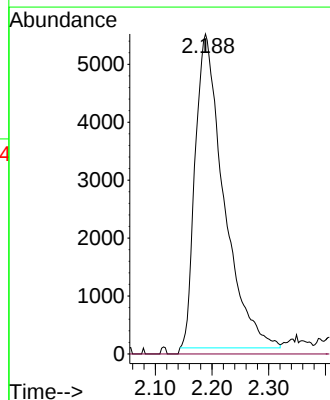
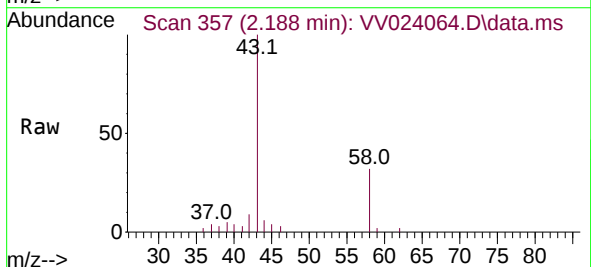
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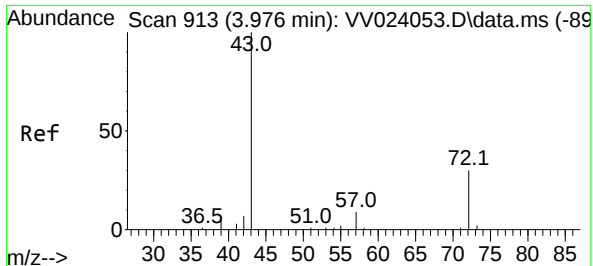
Tgt Ion: 43 Resp: 18926

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#





#21

2-Butanone

Concen: 4.514 ug/L

RT: 4.005 min Scan# 91

Delta R.T. 0.029 min

Lab File: VV024064.D

Acq: 17 Dec 2021 15:05

Instrument :

MSVOA_V

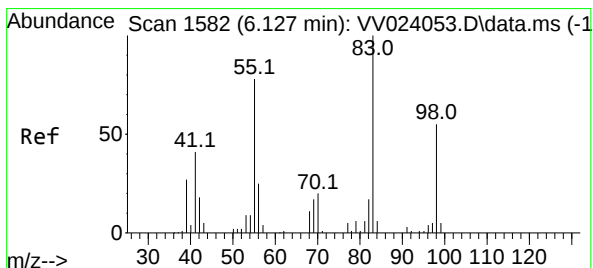
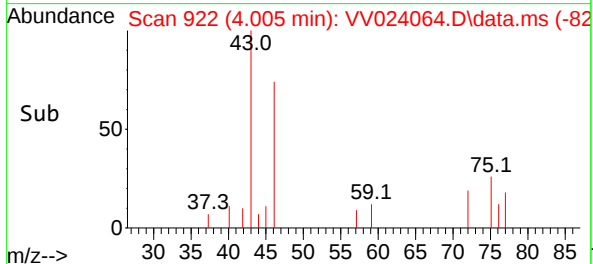
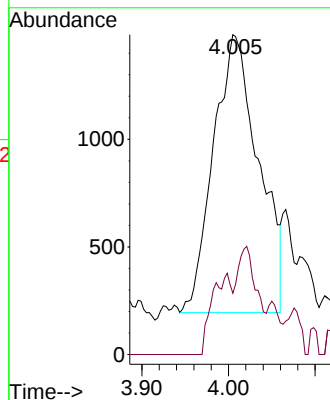
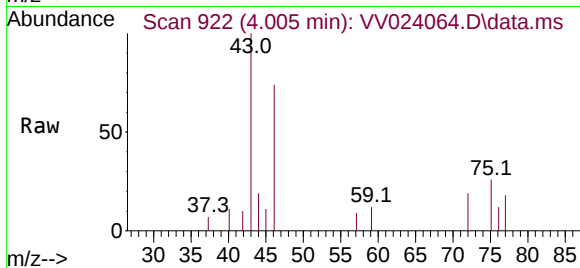
ClientSampleId :

Tgt Ion: 43 Resp: 4675

Ion Ratio Lower Upper

43 100

72 5.5 11.1 33.1#



#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV024064.D

Acq: 17 Dec 2021 15:05

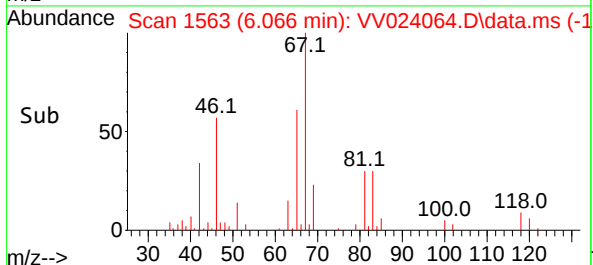
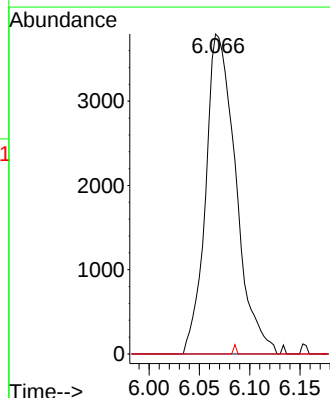
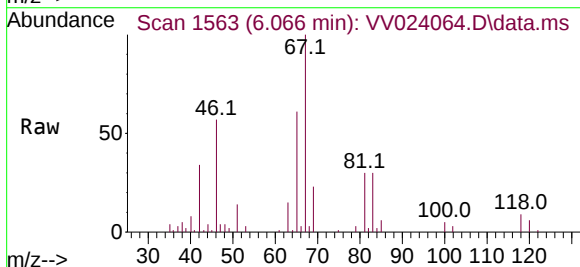
Tgt Ion: 83 Resp: 7923

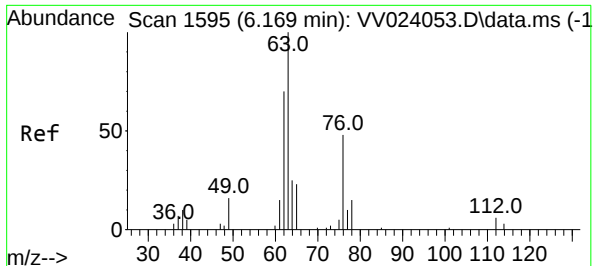
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.3 41.0 61.4#

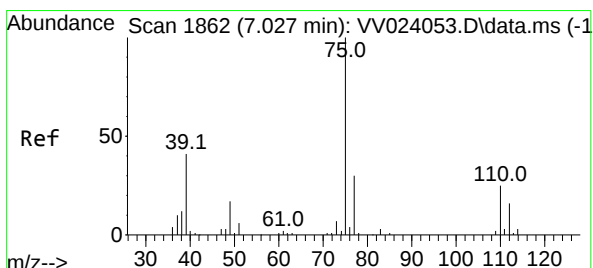
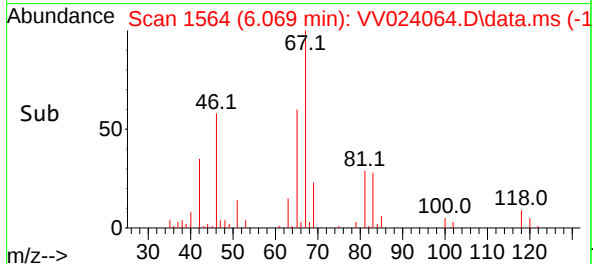
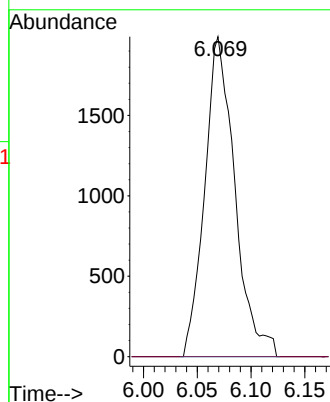
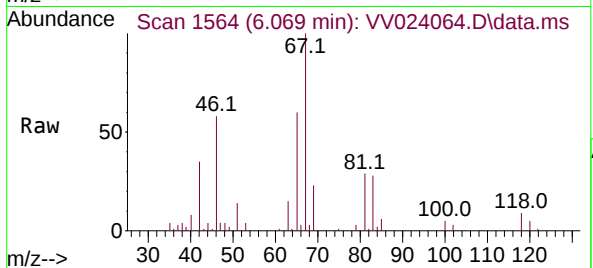




#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV024064.D
Acq: 17 Dec 2021 15:05

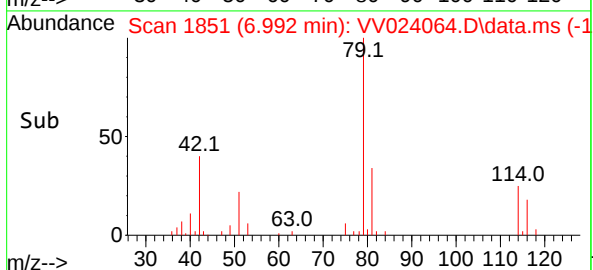
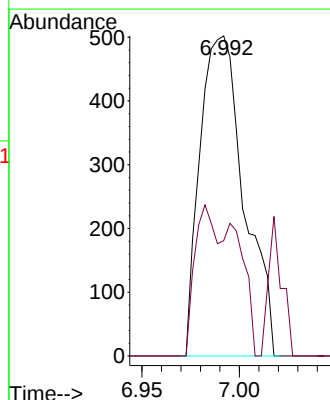
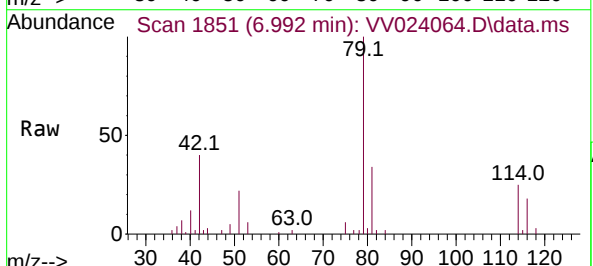
Instrument :
MSVOA_V
ClientSampleId :

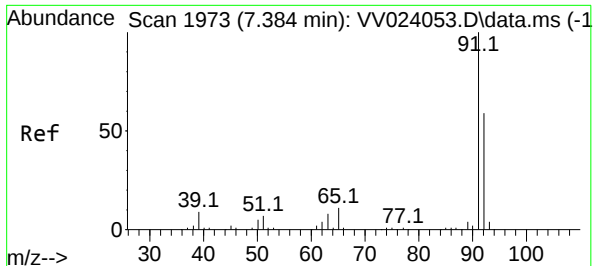
Tgt Ion: 63 Resp: 3880
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#



#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV024064.D
Acq: 17 Dec 2021 15:05

Tgt Ion: 75 Resp: 791
Ion Ratio Lower Upper
75 100
77 36.1 22.0 41.0





#42

Toluene

Concen: 0.096 ug/L

RT: 7.400 min Scan# 1973

Delta R.T. 0.016 min

Lab File: VV024064.D

Acq: 17 Dec 2021 15:05

Instrument :

MSVOA_V

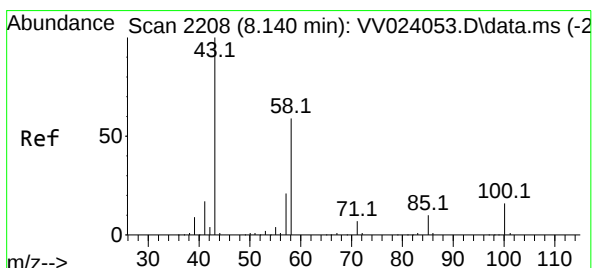
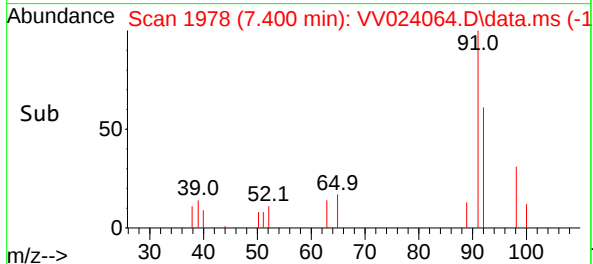
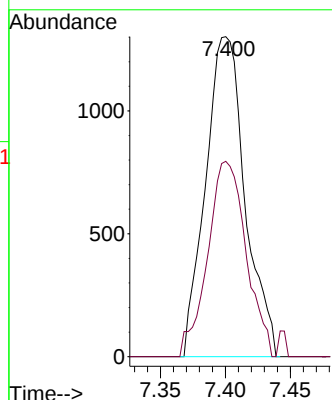
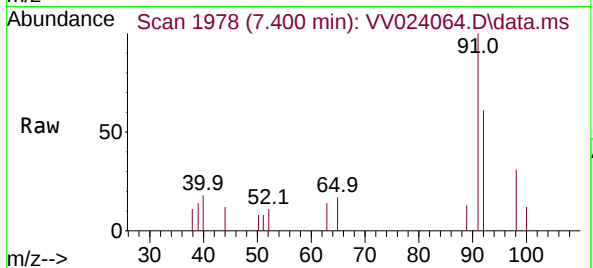
ClientSampleId :

Tgt Ion: 91 Resp: 2752

Ion Ratio Lower Upper

91 100

92 61.1 41.5 77.1



#48

2-Hexanone

Concen: 2.345 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.007 min

Lab File: VV024064.D

Acq: 17 Dec 2021 15:05

Tgt Ion: 43 Resp: 4931

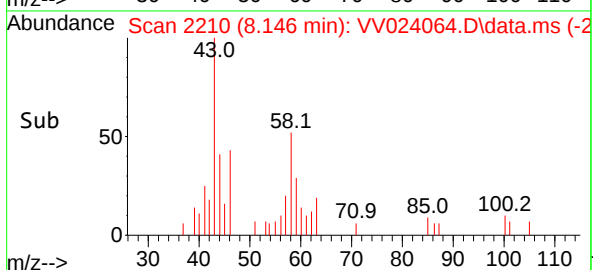
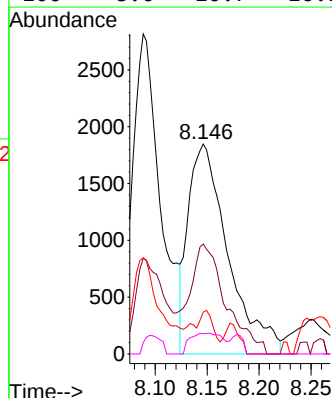
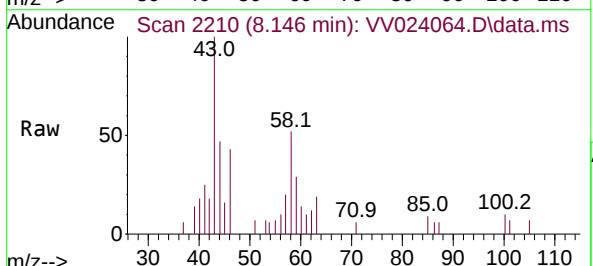
Ion Ratio Lower Upper

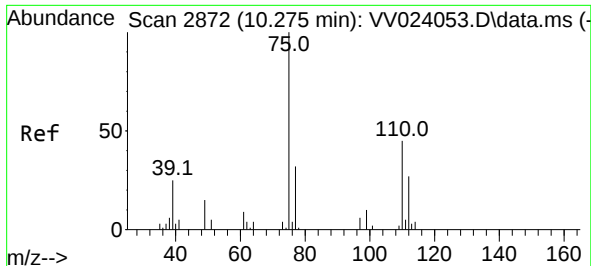
43 100

58 48.2 44.5 66.7

57 11.2 15.1 22.7#

100 8.0 10.7 16.1#

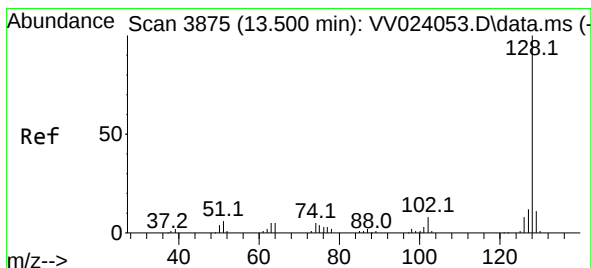
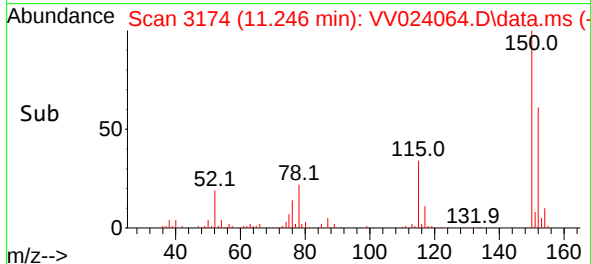
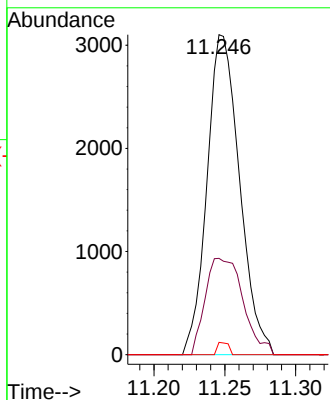
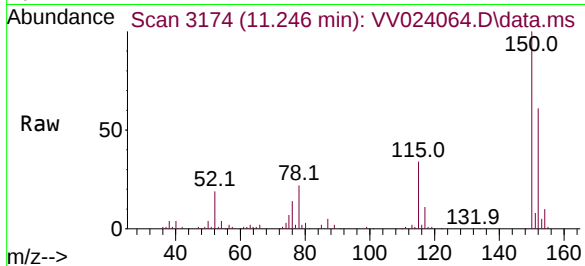




#61
1,2,3-Trichloropropane
Concen: 1.628 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV024064.D
Acq: 17 Dec 2021 15:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 4953
Ion Ratio Lower Upper
75 100
77 34.9 26.4 39.6
110 1.3 34.2 51.2#



#71
Naphthalene
Concen: 0.069 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV024064.D
Acq: 17 Dec 2021 15:05

Tgt Ion: 128 Resp: 864
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.2 15.4#

