

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031822\
 Data File : VW025093.D
 Acq On : 18 Mar 2022 12:42
 Operator : SY/MD
 Sample : N1941-03RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JNLF3

Quant Time: Mar 19 00:55:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

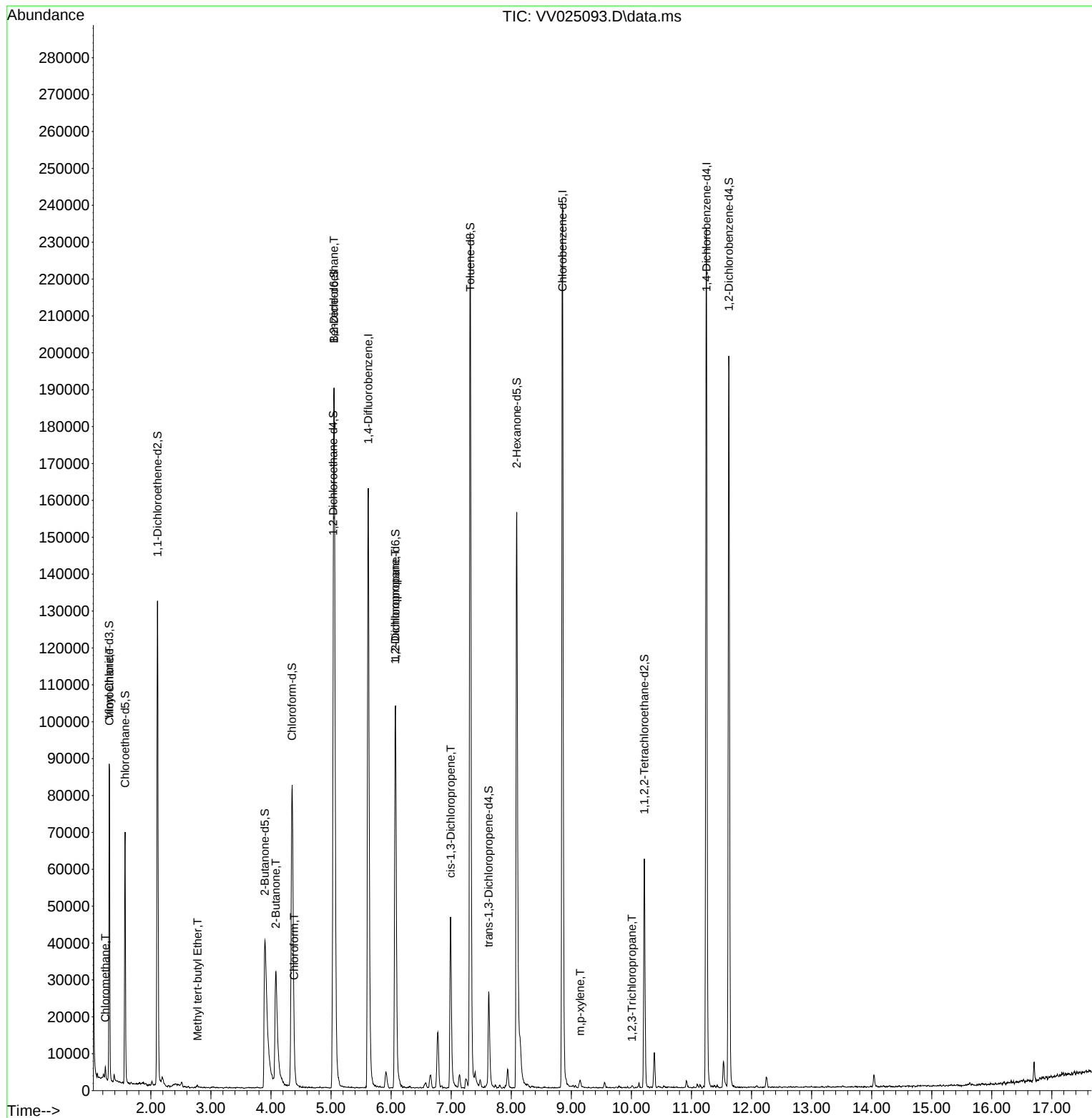
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	146935	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	139931	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	54164	4.669	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.400%	
7) Chloroethane-d5	1.571	69	43044	5.067	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.111	63	68444	3.651	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.000%	
20) 2-Butanone-d5	3.899	46	76909	54.859	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.720%	
24) Chloroform-d	4.352	84	90080	4.682	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	5.037	65	38661	4.806	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.050	84	185221	4.563	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.072	67	55425	4.748	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.316	98	159646	4.315	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
43) trans-1,3-Dichloroprop...	7.625	79	17444	4.287	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.091	63	60039	43.256	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.520%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31020	4.517	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	50516	4.910	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	2190	0.179	ug/L	90
8) Chloroethane	1.310	64	576	0.074	ug/L #	1
17) Methyl tert-butyl Ether	2.776	73	825	0.040	ug/L #	76
21) 2-Butanone	4.079	43	55526	37.522	ug/L #	55
25) Chloroform	4.384	83	1598	0.080	ug/L	86
27) 1,2-Dichloroethane	5.050	62	841	0.085	ug/L #	71
37) 1,2-Dichloropropane	6.069	63	5606	0.536	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1190	0.082	ug/L #	76
53) m,p-xylene	9.146	106	937	0.048	ug/L	81
61) 1,2,3-Trichloropropane	10.008	75	400	0.078	ug/L #	39

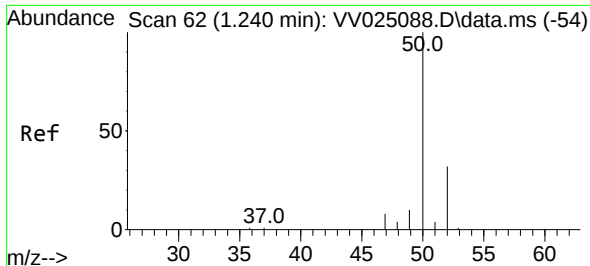
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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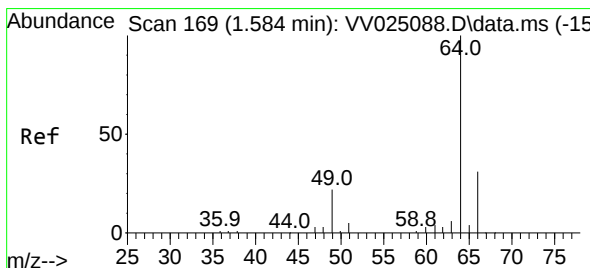
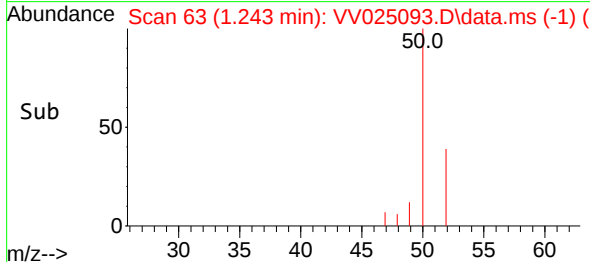
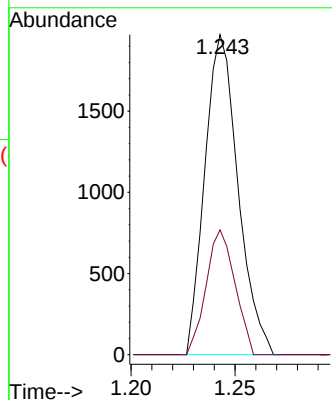
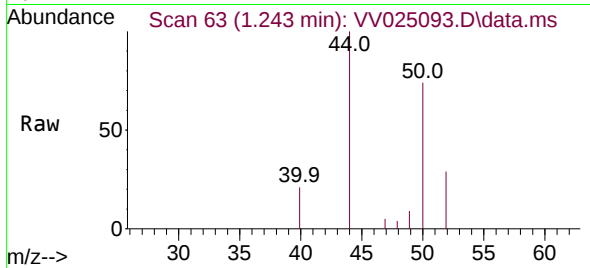




#3
Chloromethane
Concen: 0.179 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025093.D
Acq: 18 Mar 2022 12:42

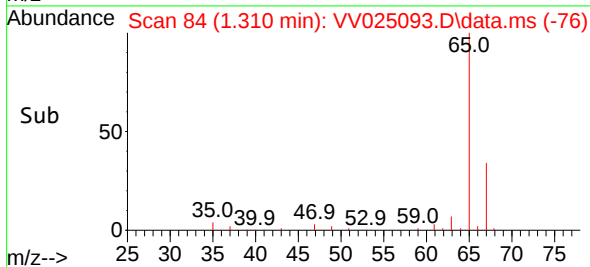
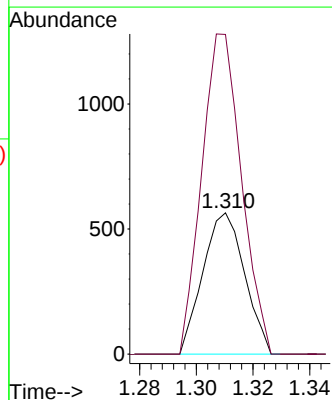
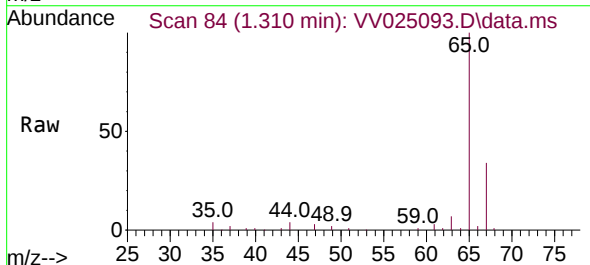
Instrument :
MSVOA_V
ClientSampleId :
JNL3

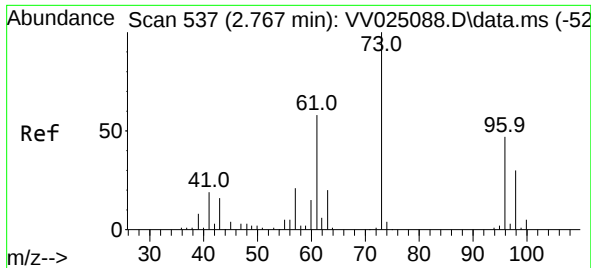
Tgt Ion: 50 Resp: 2190
Ion Ratio Lower Upper
50 100
52 39.0 23.2 43.2



#8
Chloroethane
Concen: 0.074 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV025093.D
Acq: 18 Mar 2022 12:42

Tgt Ion: 64 Resp: 576
Ion Ratio Lower Upper
64 100
66 226.2 22.5 41.7#

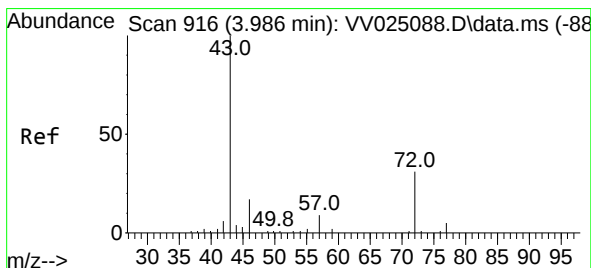
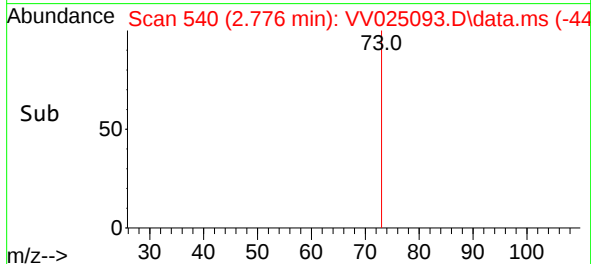
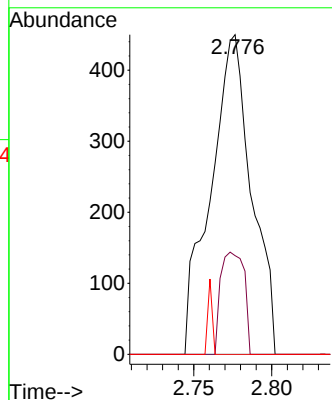
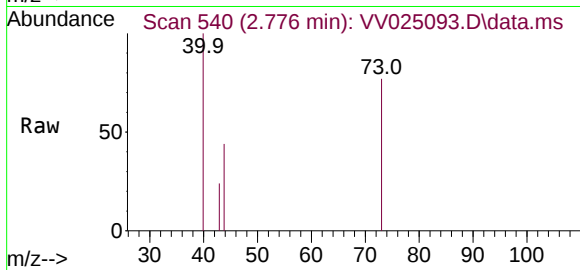




#17
Methyl tert-butyl Ether
Concen: 0.040 ug/L
RT: 2.776 min Scan# 54
Delta R.T. 0.009 min
Lab File: VV025093.D
Acq: 18 Mar 2022 12:42

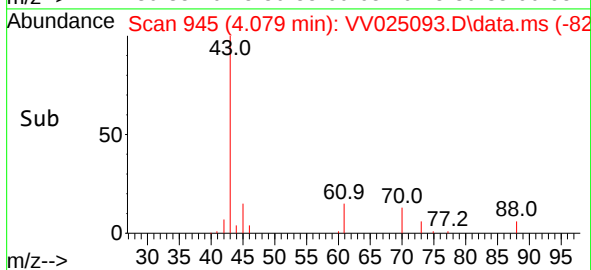
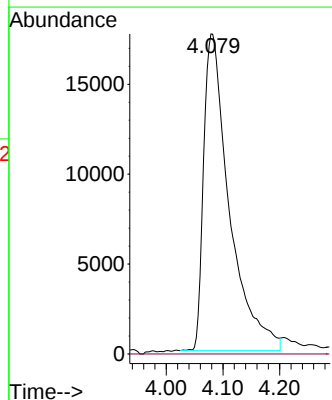
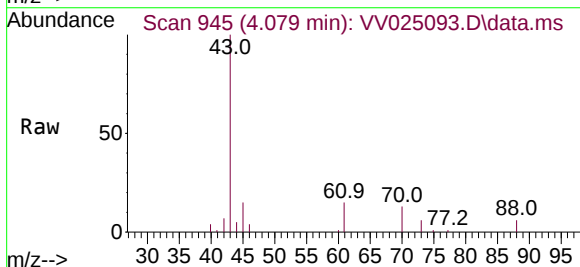
Instrument :
MSVOA_V
ClientSampleId :
JNLF3

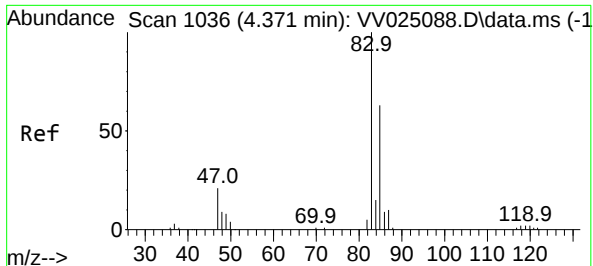
Tgt Ion: 73 Resp: 825
Ion Ratio Lower Upper
73 100
43 18.2 13.2 19.8
57 2.4 16.7 25.1#



#21
2-Butanone
Concen: 37.522 ug/L
RT: 4.079 min Scan# 945
Delta R.T. 0.093 min
Lab File: VV025093.D
Acq: 18 Mar 2022 12:42

Tgt Ion: 43 Resp: 55526
Ion Ratio Lower Upper
43 100
72 0.0 10.4 31.2#





#25

Chloroform

Concen: 0.080 ug/L

RT: 4.384 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV025093.D

Acq: 18 Mar 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

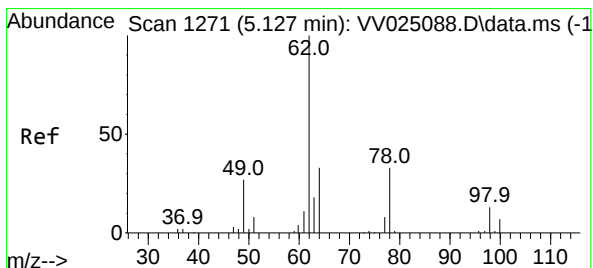
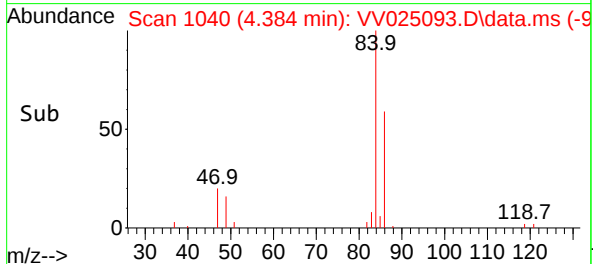
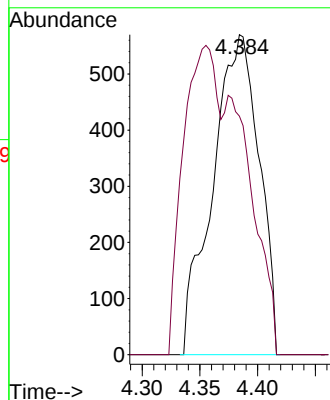
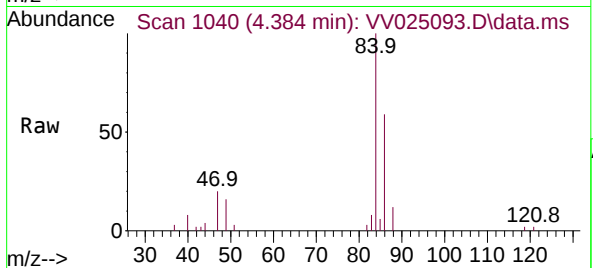
JNLF3

Tgt Ion: 83 Resp: 1598

Ion Ratio Lower Upper

83 100

85 74.6 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.085 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025093.D

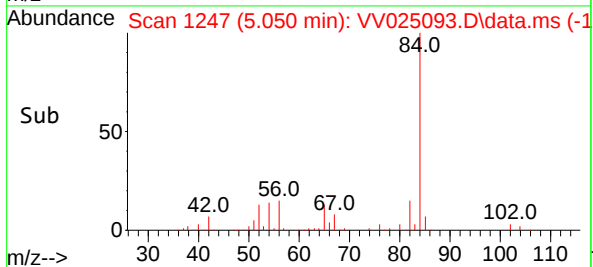
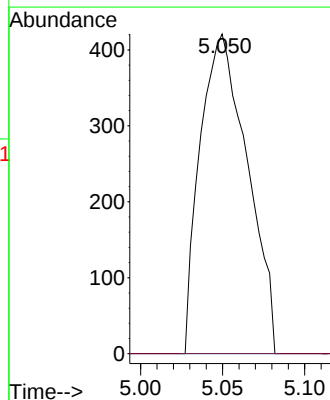
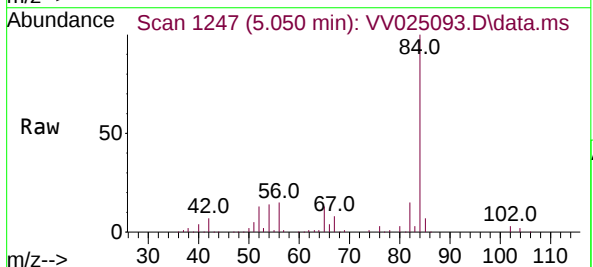
Acq: 18 Mar 2022 12:42

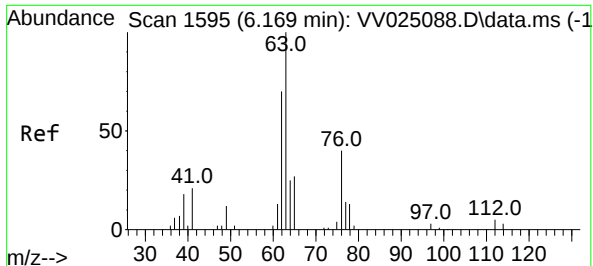
Tgt Ion: 62 Resp: 841

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#





#37

1,2-Dichloropropane

Concen: 0.536 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025093.D

Acq: 18 Mar 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

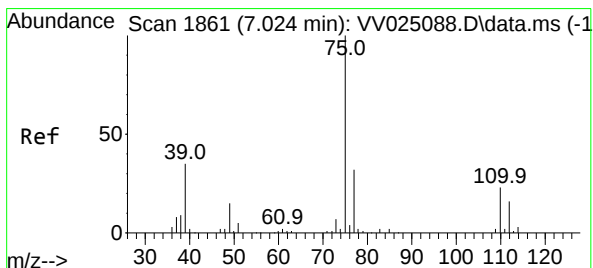
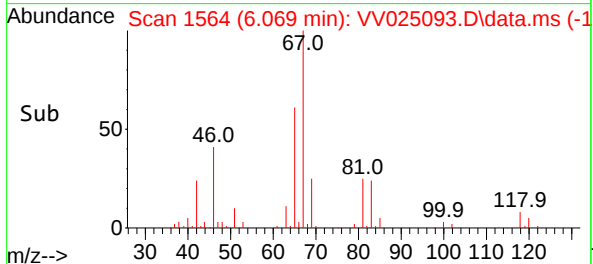
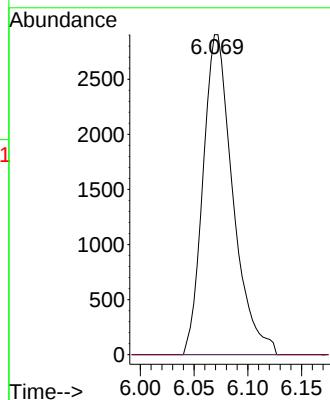
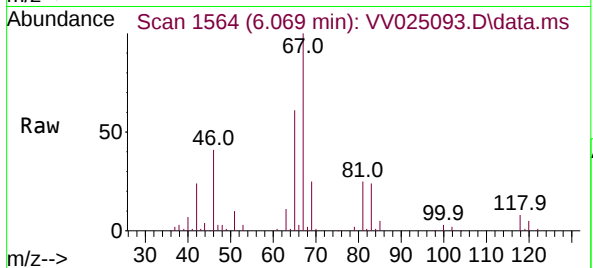
JNLF3

Tgt Ion: 63 Resp: 5606

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025093.D

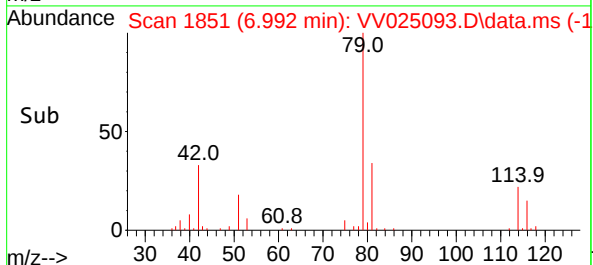
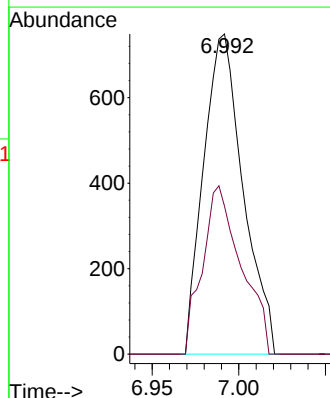
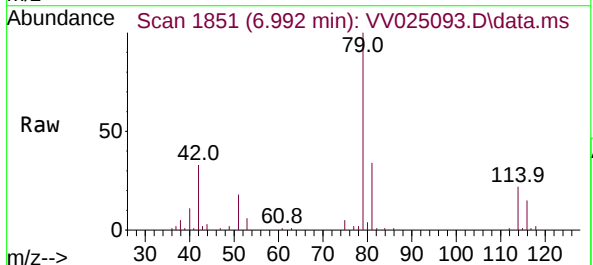
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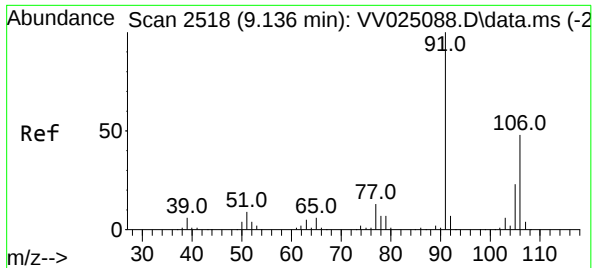
Tgt Ion: 75 Resp: 1190

Ion Ratio Lower Upper

75 100

77 46.2 23.0 42.8#

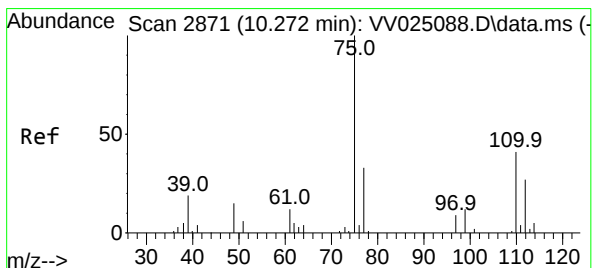
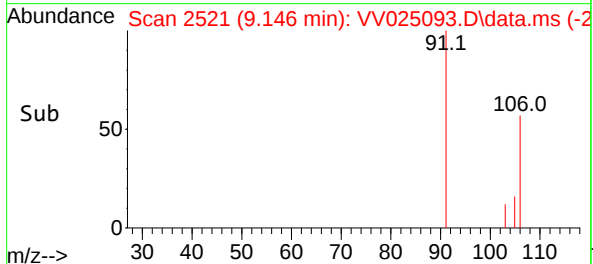
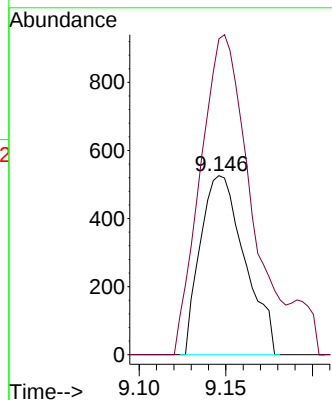
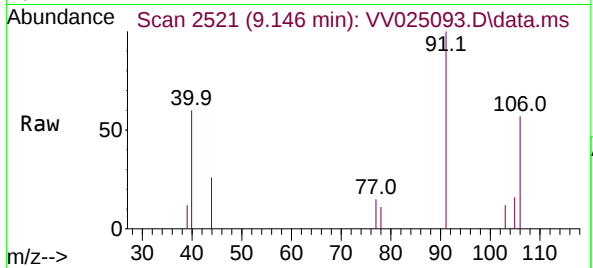




#53
m,p-xylene
Concen: 0.048 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV025093.D
Acq: 18 Mar 2022 12:42

Instrument :
MSVOA_V
ClientSampleId :
JNL3

Tgt Ion:106 Resp: 937
Ion Ratio Lower Upper
106 100
91 176.4 143.4 266.4



#61
1,2,3-Trichloropropane
Concen: 0.078 ug/L
RT: 10.008 min Scan# 2789
Delta R.T. -0.264 min
Lab File: VV025093.D
Acq: 18 Mar 2022 12:42

Tgt Ion: 75 Resp: 400
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
110 0.0 31.2 46.8#

