

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024731.D
 Acq On : 17 Feb 2022 18:48
 Operator : SY/MD
 Sample : N1510-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M35

Quant Time: Feb 18 07:35:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:32:51 2022
 Response via : Initial Calibration

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

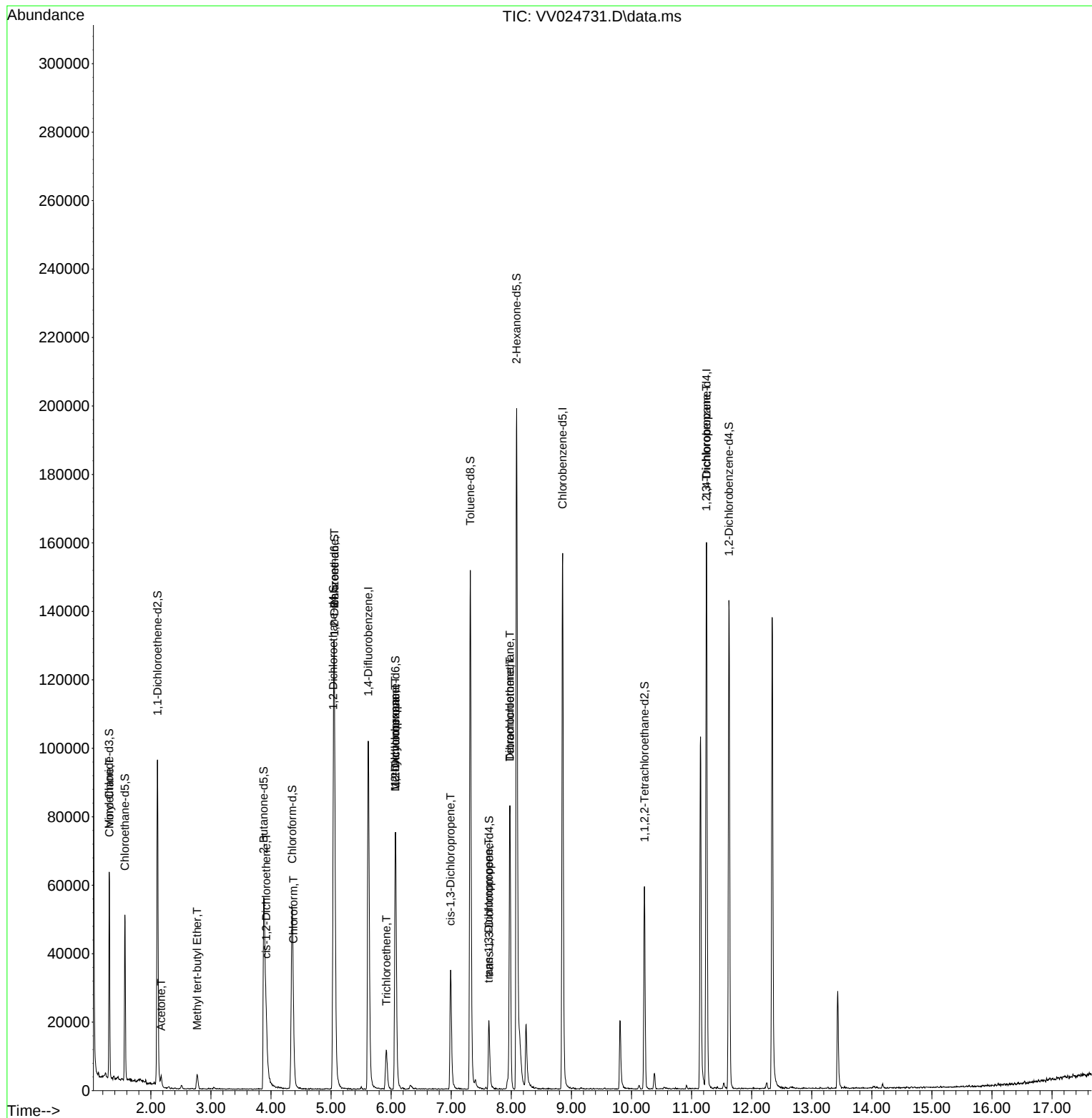
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	89243	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	85076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	38281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37268	4.923	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.568	69	30205	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.111	63	49586	3.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.879	46	93533	86.508	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	173.020%#
24) Chloroform-d	4.352	84	56594	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.037	65	33453	6.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.000%
32) Benzene-d6	5.053	84	118097	4.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.072	67	38297	5.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.317	98	100916	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.628	79	12956	5.385	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.600%
46) 2-Hexanone-d5	8.088	63	69694	73.611	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	147.220%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29804	6.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	137.000%#
66) 1,2-Dichlorobenzene-d4	11.622	152	35470	5.355	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
8) Chloroethane	1.310	64	472	0.080	ug/L #	1
13) Acetone	2.172	43	3329	4.366	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	4265	0.312	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	6193	0.863	ug/L	96
25) Chloroform	4.371	83	2284	0.176	ug/L	81
27) 1,2-Dichloroethane	5.056	62	678	0.098	ug/L #	73
34) Trichloroethene	5.921	95	3645	0.478	ug/L	92
35) Methylcyclohexane	6.069	83	8919	0.724	ug/L #	25
37) 1,2-Dichloropropane	6.069	63	4136	0.608	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1004	0.106	ug/L	84
44) trans-1,3-Dichloropropene	7.622	75	565	0.075	ug/L	83
47) Tetrachloroethene	7.976	164	17465	3.361	ug/L	96
49) Dibromochloromethane	7.976	129	17919	3.647	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	5650	1.629	ug/L #	65

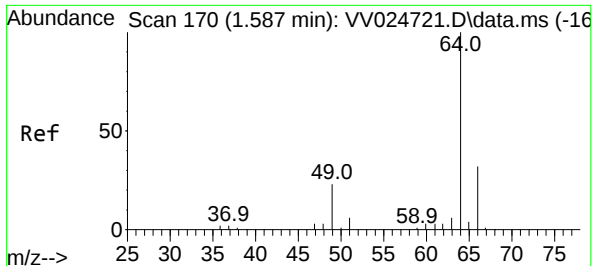
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.080 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.277 min

Lab File: VV024731.D

Acq: 17 Feb 2022 18:48

Instrument :

MSVOA_V

ClientSampleId :

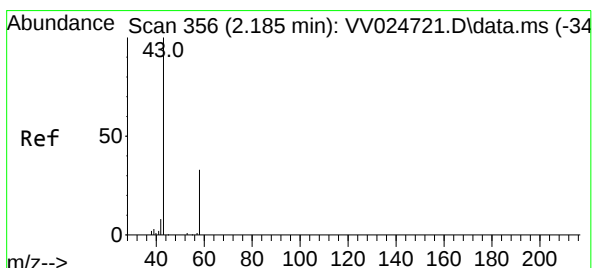
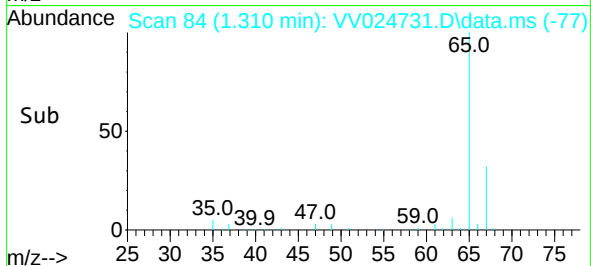
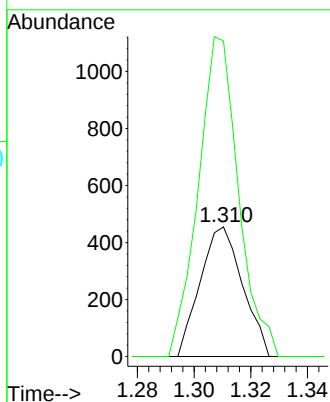
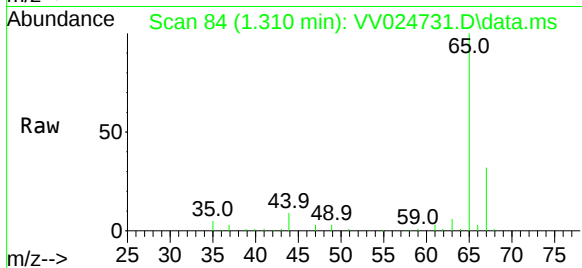
F4M35

Tgt Ion: 64 Resp: 472

Ion Ratio Lower Upper

64 100

66 243.3 22.5 41.9#



#13

Acetone

Concen: 4.366 ug/L

RT: 2.172 min Scan# 352

Delta R.T. -0.013 min

Lab File: VV024731.D

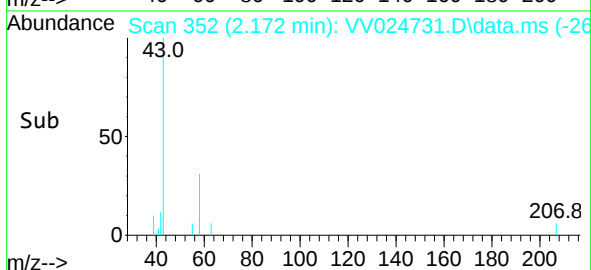
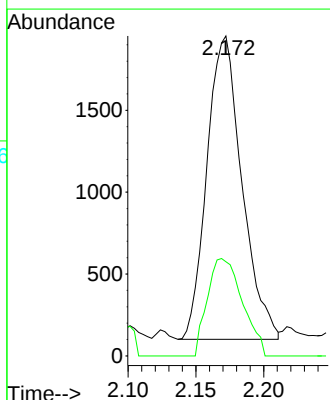
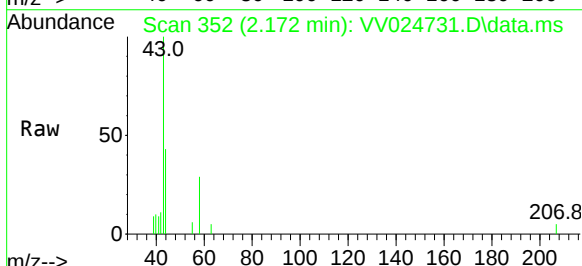
Acq: 17 Feb 2022 18:48

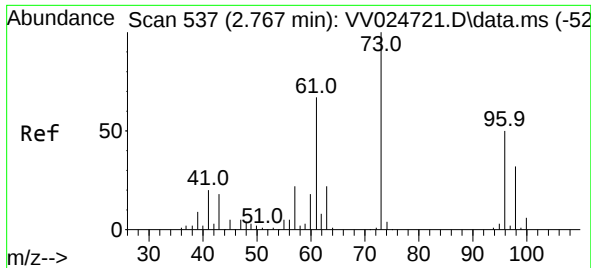
Tgt Ion: 43 Resp: 3329

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.6

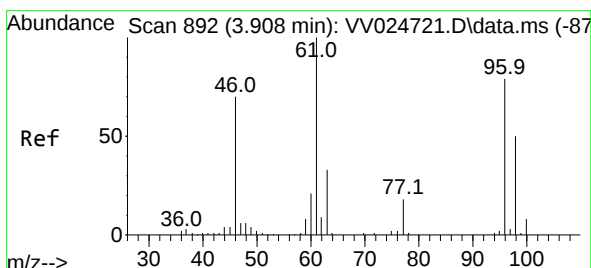
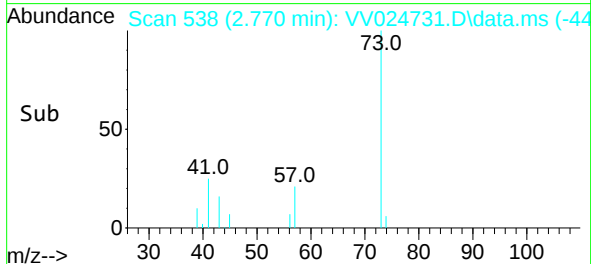
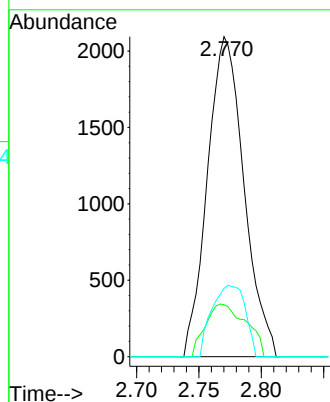
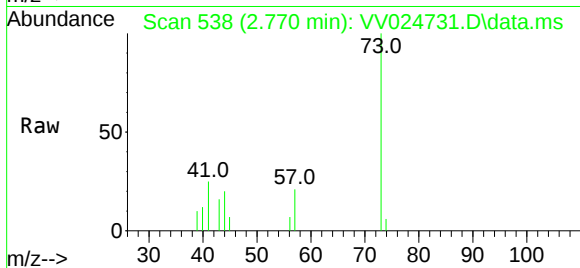




#17
Methyl tert-butyl Ether
Concen: 0.312 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024731.D
Acq: 17 Feb 2022 18:48

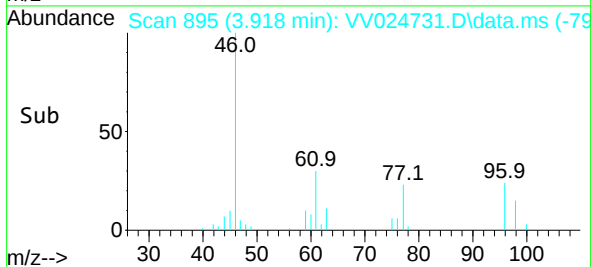
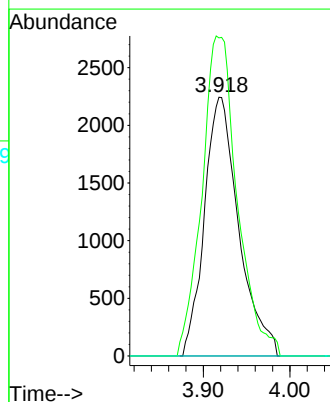
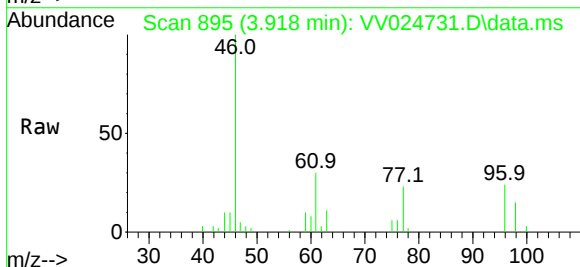
Instrument :
MSVOA_V
ClientSampleId :
F4M35

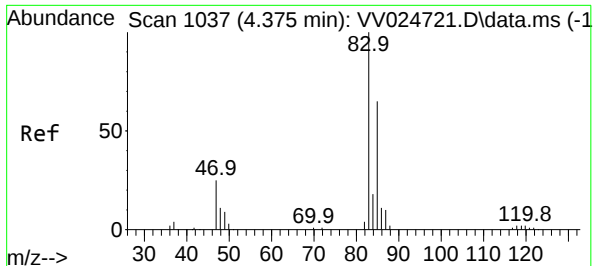
Tgt Ion: 73	Resp:	4265	
Ion	Ratio	Lower	Upper
73	100		
43	18.3	15.1	22.7
57	20.3	17.4	26.2



#22
cis-1,2-Dichloroethene
Concen: 0.863 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV024731.D
Acq: 17 Feb 2022 18:48

Tgt Ion: 96	Resp:	6193	
Ion	Ratio	Lower	Upper
96	100		
61	122.9	89.7	166.5
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.176 ug/L

RT: 4.371 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024731.D

Acq: 17 Feb 2022 18:48

Instrument :

MSVOA_V

ClientSampleId :

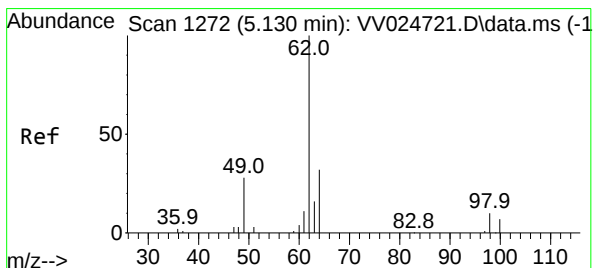
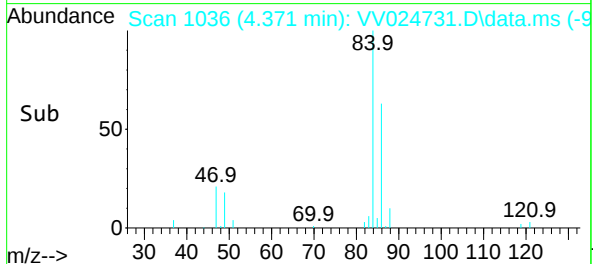
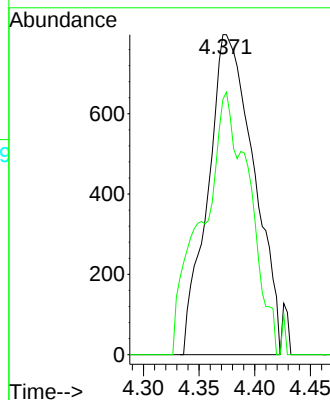
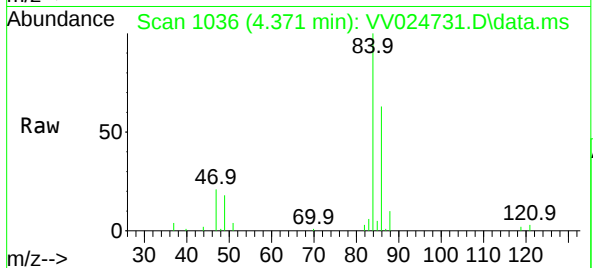
F4M35

Tgt Ion: 83 Resp: 2284

Ion Ratio Lower Upper

83 100

85 79.8 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.074 min

Lab File: VV024731.D

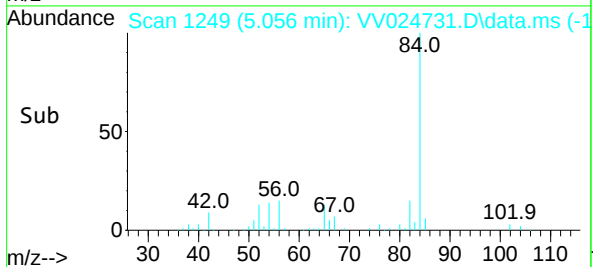
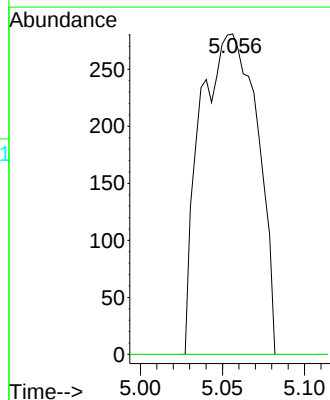
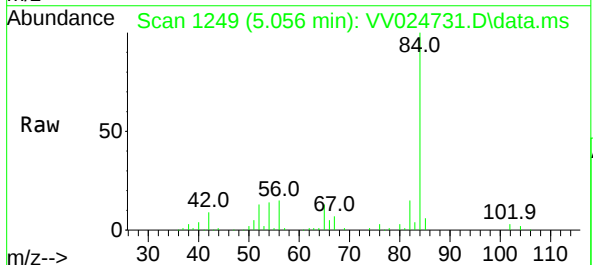
Acq: 17 Feb 2022 18:48

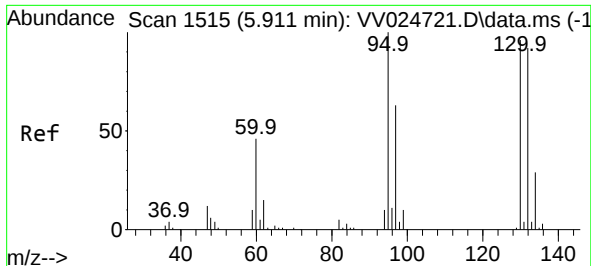
Tgt Ion: 62 Resp: 678

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



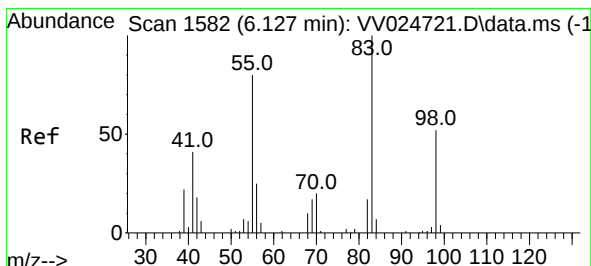
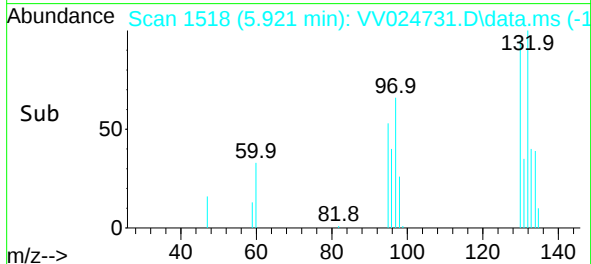
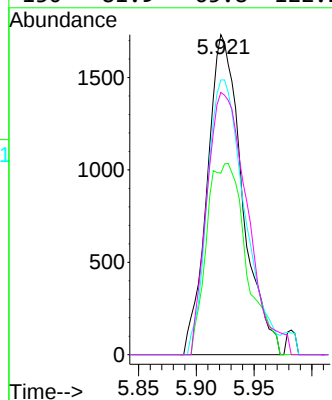
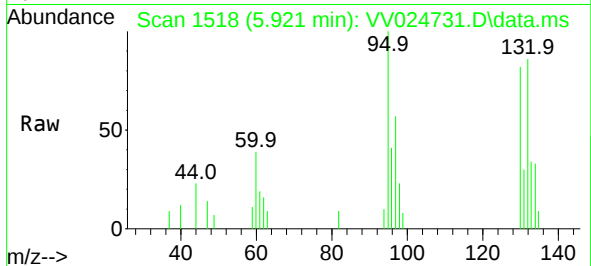


#34
Trichloroethene
Concen: 0.478 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV024731.D
Acq: 17 Feb 2022 18:48

Instrument :
MSVOA_V
ClientSampleId :
F4M35

Tgt Ion: 95 Resp: 3645

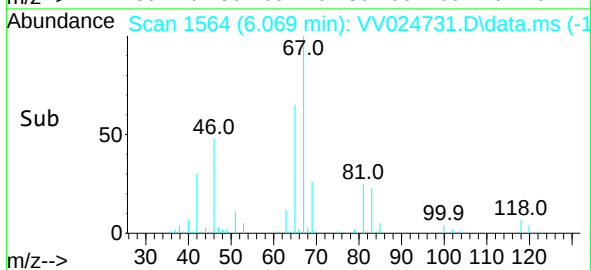
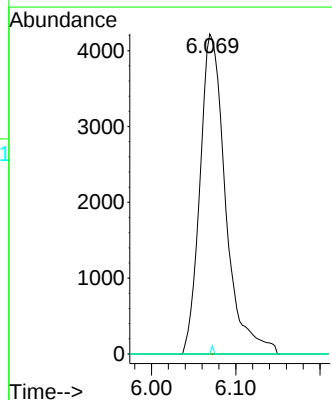
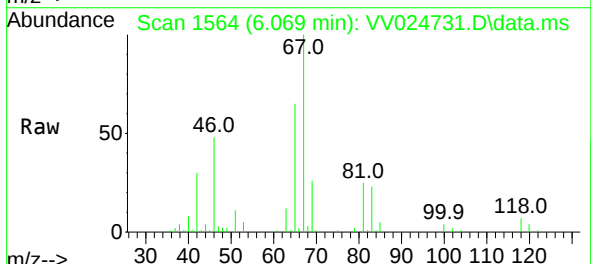
Ion	Ratio	Lower	Upper
95	100		
97	56.7	44.2	82.0
132	85.9	62.1	115.3
130	81.9	65.8	122.2

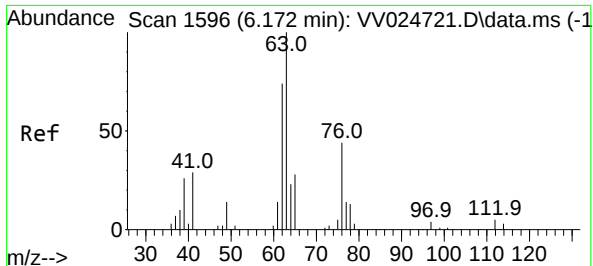


#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024731.D
Acq: 17 Feb 2022 18:48

Tgt Ion: 83 Resp: 8919

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.8	88.2#
98	10.0	38.6	58.0#





#37

1,2-Dichloropropane

Concen: 0.608 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024731.D

Acq: 17 Feb 2022 18:48

Instrument :

MSVOA_V

ClientSampleId :

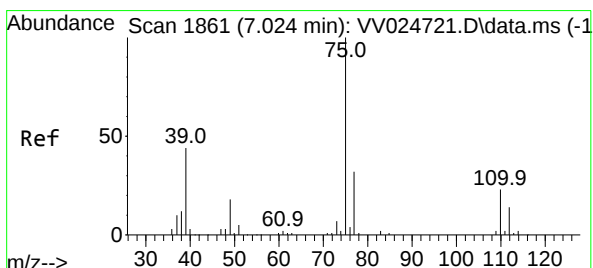
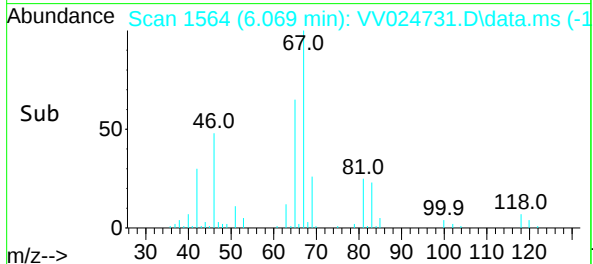
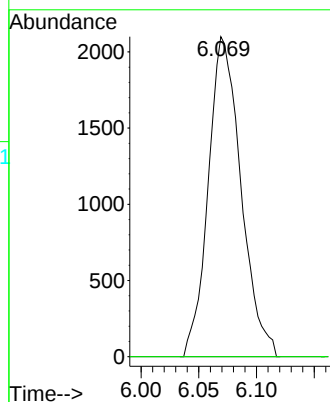
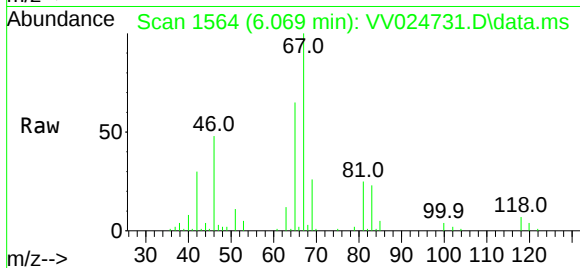
F4M35

Tgt Ion: 63 Resp: 4136

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV024731.D

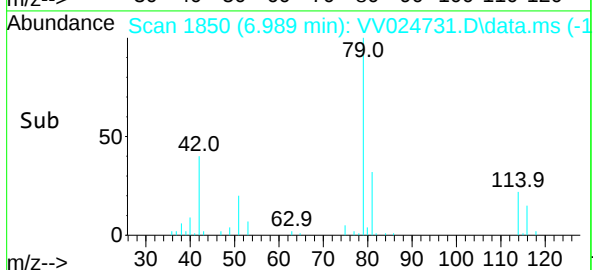
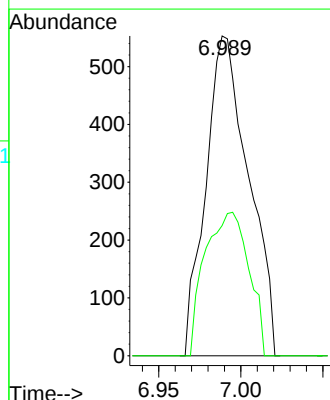
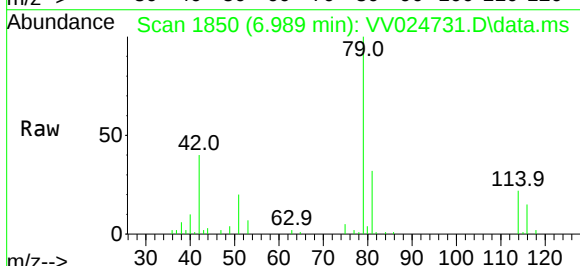
Acq: 17 Feb 2022 18:48

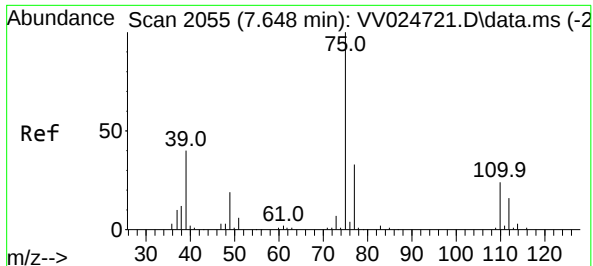
Tgt Ion: 75 Resp: 1004

Ion Ratio Lower Upper

75 100

77 40.7 22.3 41.5

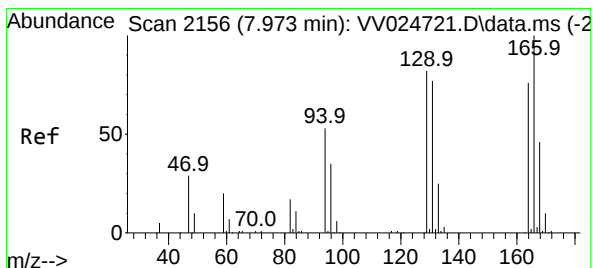
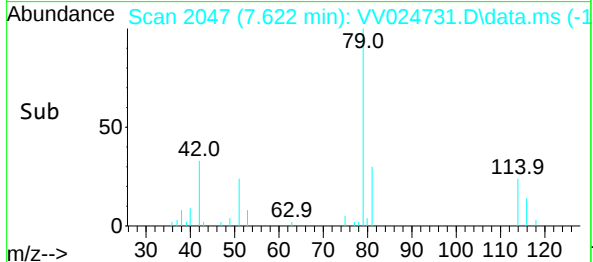
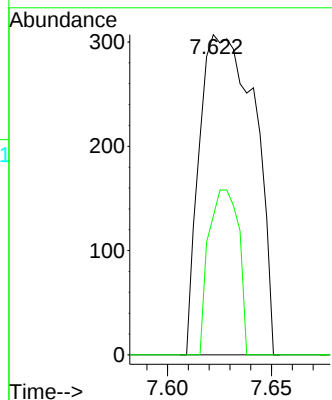
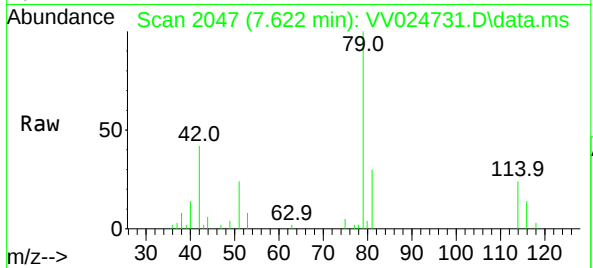




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.622 min Scan# 2055
Delta R.T. -0.026 min
Lab File: VV024731.D
Acq: 17 Feb 2022 18:48

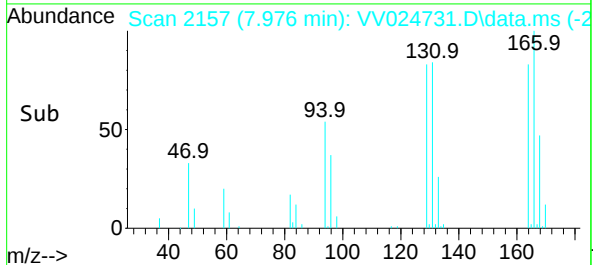
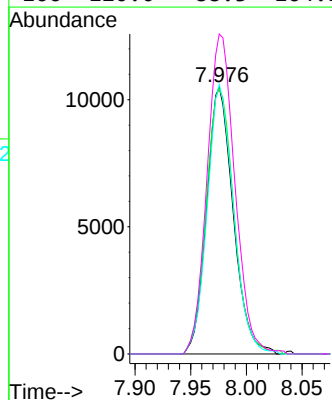
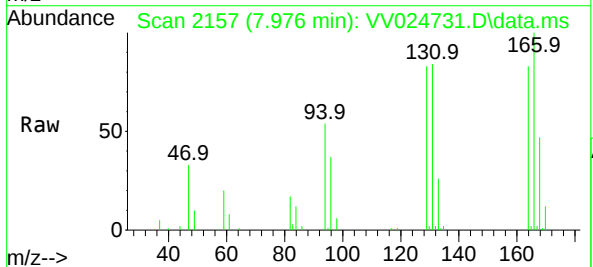
Instrument :
MSVOA_V
ClientSampleId :
F4M35

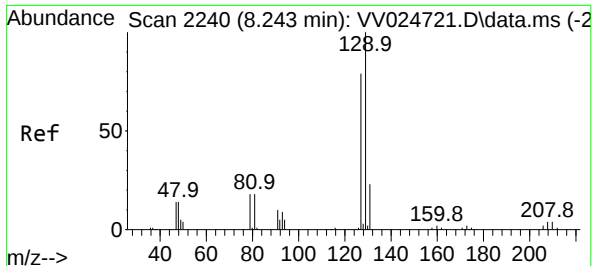
Tgt Ion: 75 Resp: 565
Ion Ratio Lower Upper
75 100
77 43.3 23.5 43.7



#47
Tetrachloroethene
Concen: 3.361 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024731.D
Acq: 17 Feb 2022 18:48

Tgt Ion: 164 Resp: 17465
Ion Ratio Lower Upper
164 100
129 99.4 70.3 130.7
131 101.1 67.7 125.7
166 120.0 88.3 164.1





#49

Dibromochloromethane

Concen: 3.647 ug/L

RT: 7.976 min Scan# 21

Delta R.T. -0.267 min

Lab File: VV024731.D

Acq: 17 Feb 2022 18:48

Instrument :

MSVOA_V

ClientSampleId :

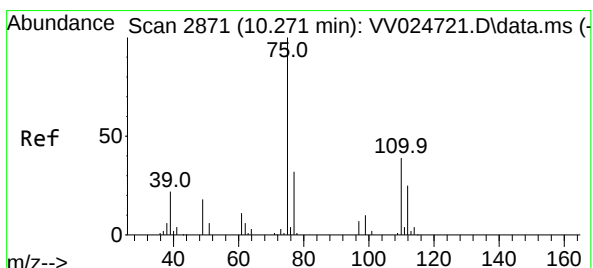
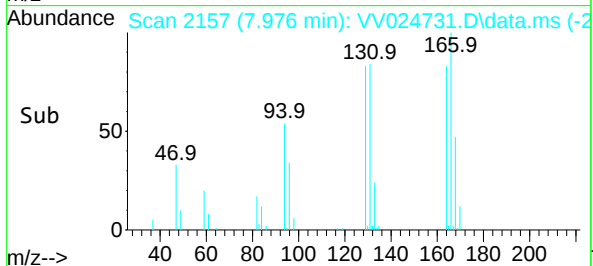
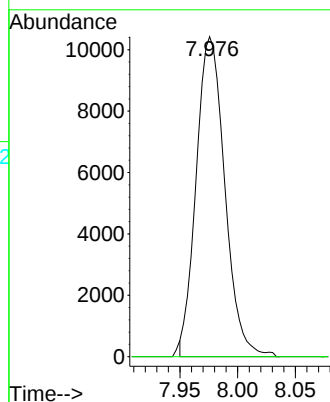
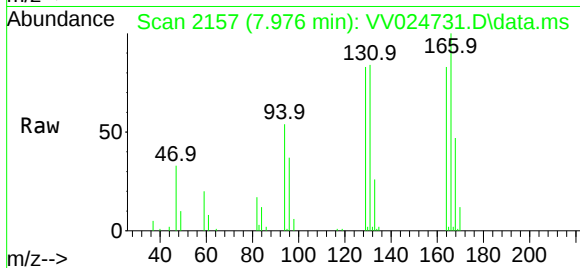
F4M35

Tgt Ion:129 Resp: 17919

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#61

1,2,3-Trichloropropane

Concen: 1.629 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024731.D

Acq: 17 Feb 2022 18:48

Tgt Ion: 75 Resp: 5650

Ion Ratio Lower Upper

75 100

77 31.8 26.3 39.5

110 0.0 30.3 45.5#

