

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025048.D
 Acq On : 16 Mar 2022 15:26
 Operator : SY/MD
 Sample : N1933-18RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 02:03:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 01:58:56 2022
 Response via : Initial Calibration

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

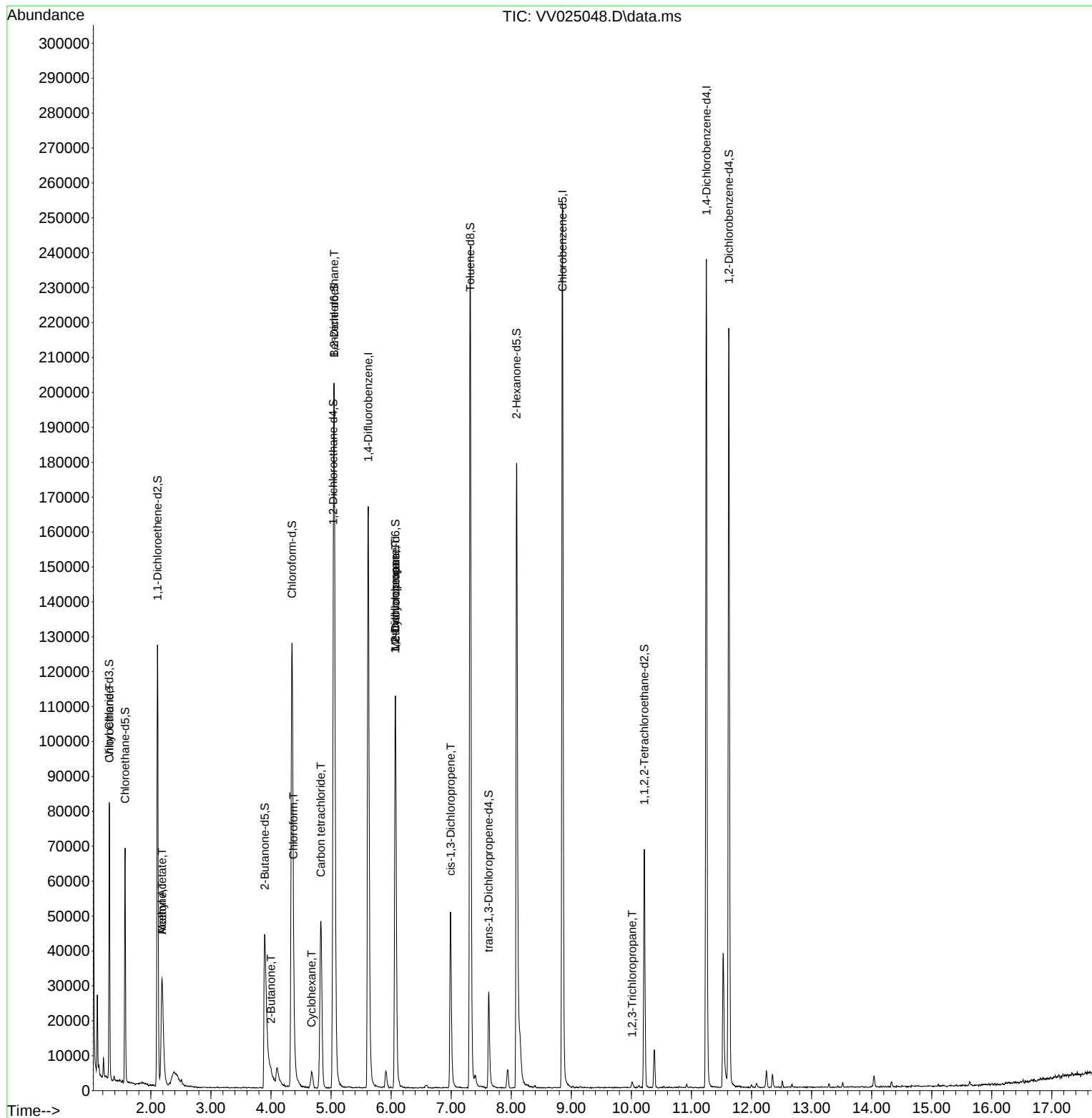
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	151656	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	144921	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	50774	4.241	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.571	69	42094	4.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.111	63	65971	3.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.896	46	89346	61.746	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.500%
24) Chloroform-d	4.349	84	95473	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.037	65	42552	5.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.053	84	195181	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.072	67	60117	4.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.317	98	166887	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.622	79	17650	4.188	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.088	63	65774	45.757	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34495	4.850	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	55435	5.380	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						Qvalue
8) Chloroethane	1.310	64	657	0.081	ug/L #	1
13) Acetone	2.185	43	54049	55.851	ug/L	82
15) Methyl Acetate	2.185	43	51552	19.444	ug/L #	44
21) 2-Butanone	4.002	43	2650	1.735	ug/L	94
25) Chloroform	4.375	83	2223	0.108	ug/L	77
27) 1,2-Dichloroethane	5.053	62	1034	0.101	ug/L #	71
30) Cyclohexane	4.674	56	2858	0.159	ug/L	96
31) Carbon tetrachloride	4.828	117	36950	2.330	ug/L	98
35) Methylcyclohexane	6.072	83	13696	0.689	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6114	0.564	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1169	0.078	ug/L	85
61) 1,2,3-Trichloropropane	10.011	75	1071	0.209	ug/L #	39

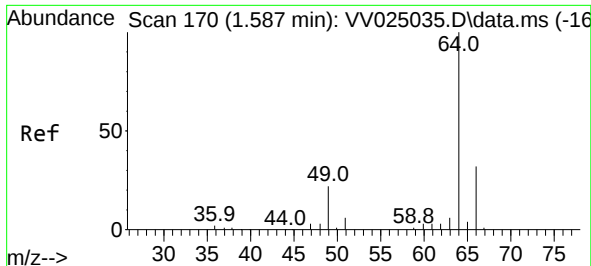
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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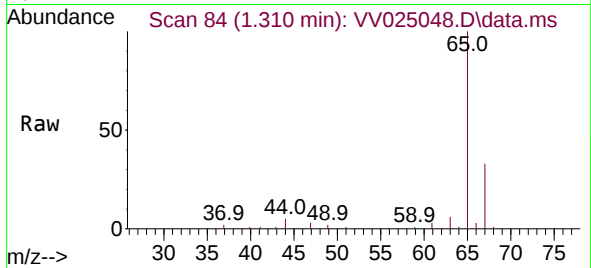
Quant Time: Mar 17 02:03:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
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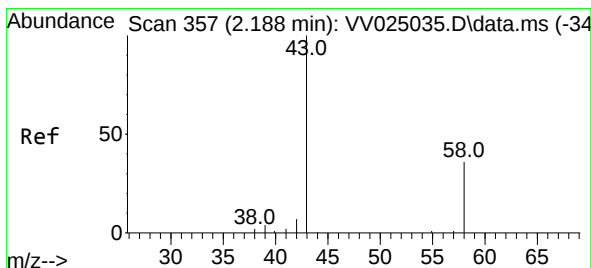
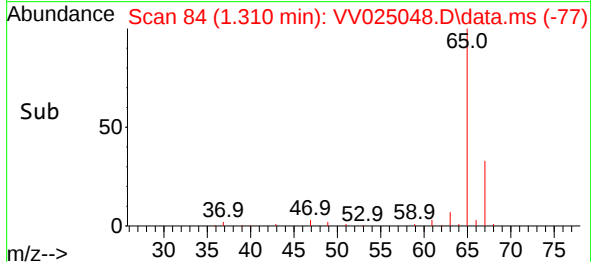
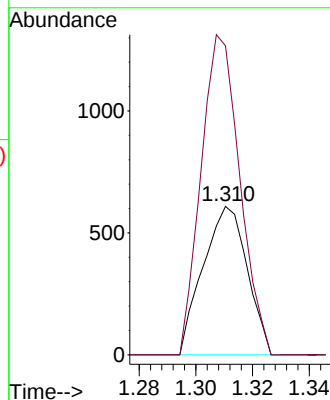


#8
Chloroethane
Concen: 0.081 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.277 min
Lab File: VV025048.D
Acq: 16 Mar 2022 15:26

Instrument :
MSVOA_V
ClientSampleId :

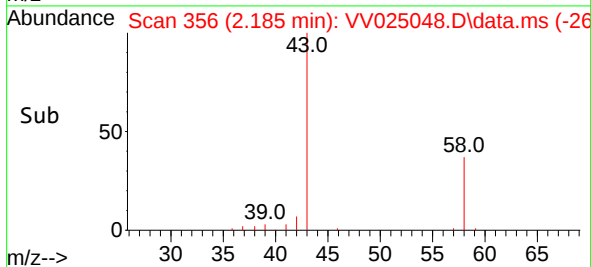
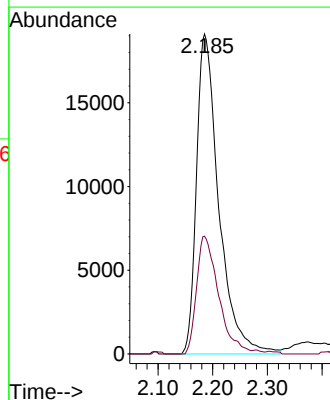
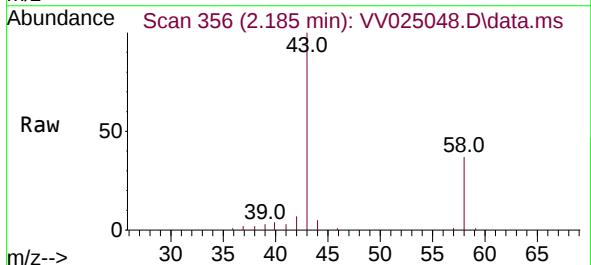


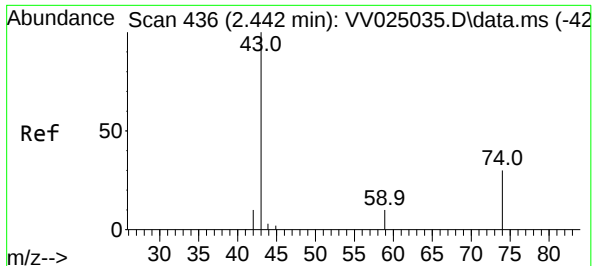
Tgt Ion: 64 Resp: 657
Ion Ratio Lower Upper
64 100
66 208.2 22.5 41.7#



#13
Acetone
Concen: 55.851 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.003 min
Lab File: VV025048.D
Acq: 16 Mar 2022 15:26

Tgt Ion: 43 Resp: 54049
Ion Ratio Lower Upper
43 100
58 36.3 0.0 54.2

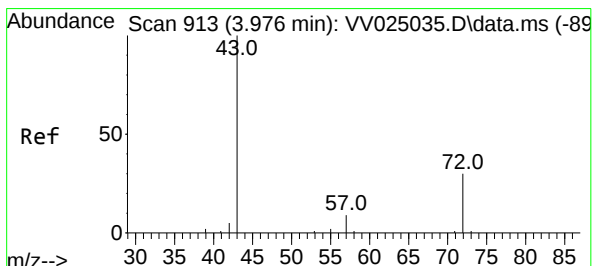
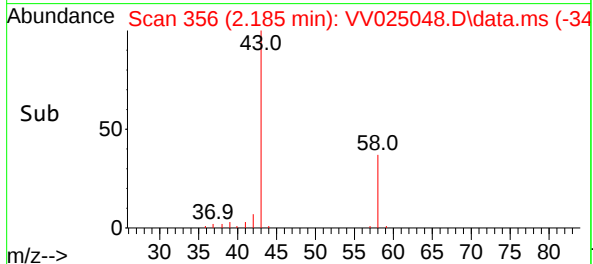
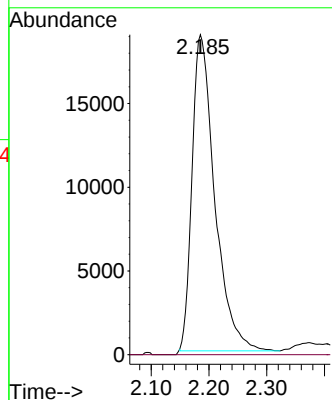
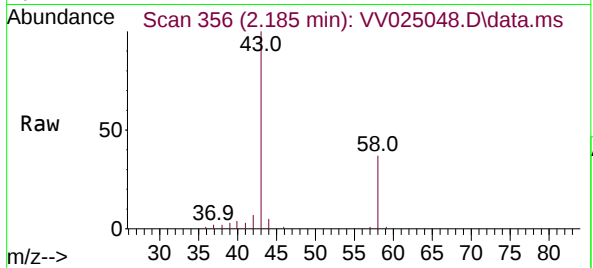




#15
Methyl Acetate
Concen: 19.444 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV025048.D
Acq: 16 Mar 2022 15:26

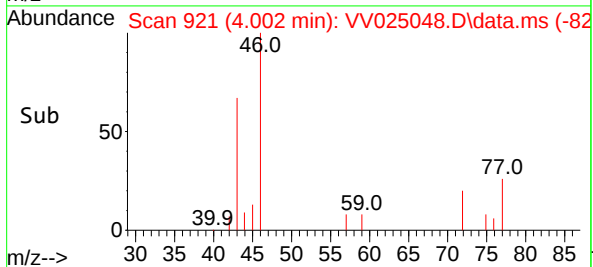
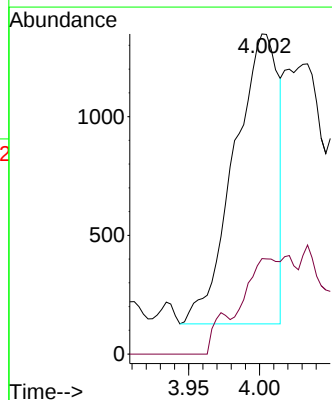
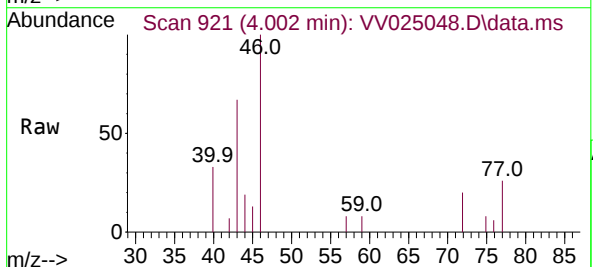
Instrument :
MSVOA_V
ClientSampleId :

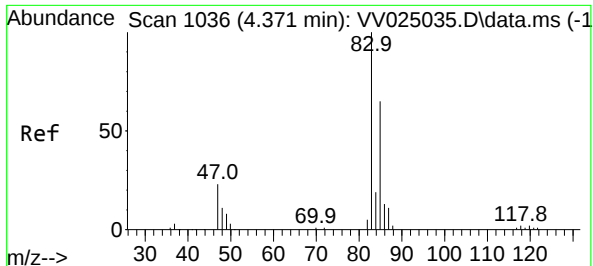
Tgt Ion: 43 Resp: 51552
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.4#



#21
2-Butanone
Concen: 1.735 ug/L
RT: 4.002 min Scan# 921
Delta R.T. 0.026 min
Lab File: VV025048.D
Acq: 16 Mar 2022 15:26

Tgt Ion: 43 Resp: 2650
Ion Ratio Lower Upper
43 100
72 23.5 10.4 31.2





#25

Chloroform

Concen: 0.108 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025048.D

Acq: 16 Mar 2022 15:26

Instrument :

MSVOA_V

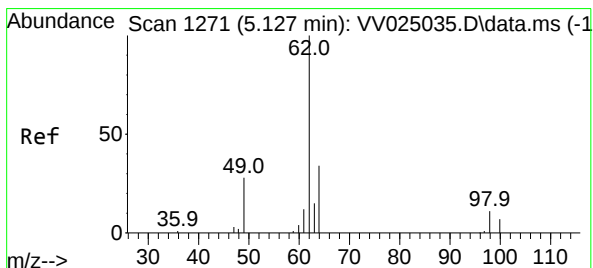
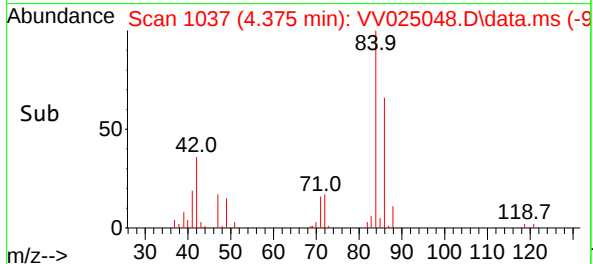
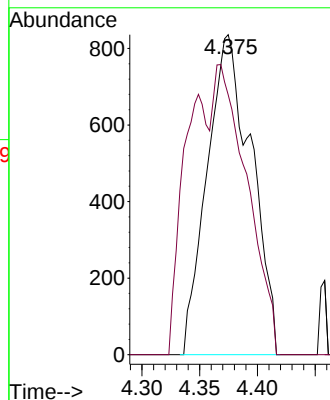
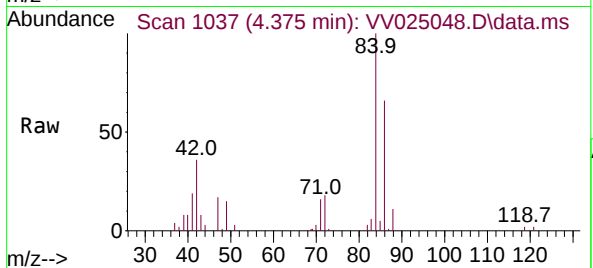
ClientSampleId :

Tgt Ion: 83 Resp: 2223

Ion Ratio Lower Upper

83 100

85 81.2 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.101 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV025048.D

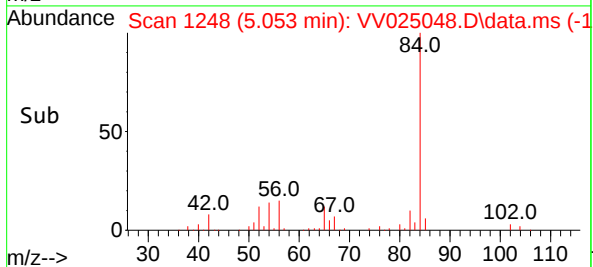
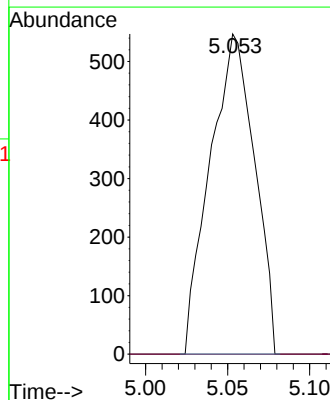
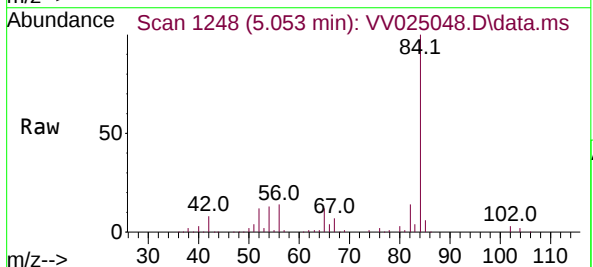
Acq: 16 Mar 2022 15:26

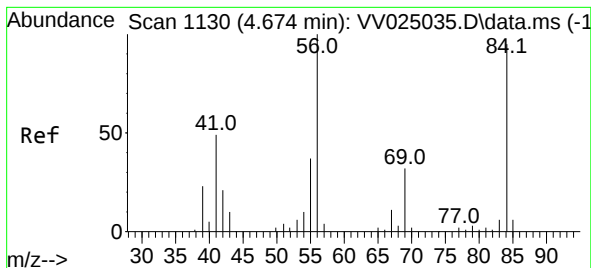
Tgt Ion: 62 Resp: 1034

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#





#30

Cyclohexane

Concen: 0.159 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

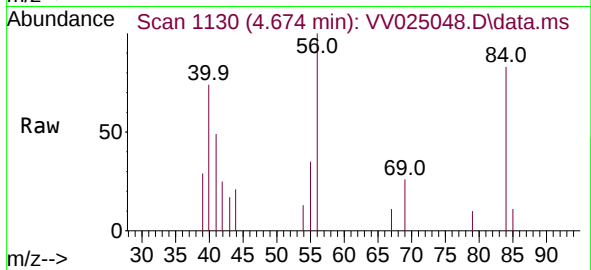
Lab File: VV025048.D

Acq: 16 Mar 2022 15:26

Instrument :

MSVOA_V

ClientSampleId :



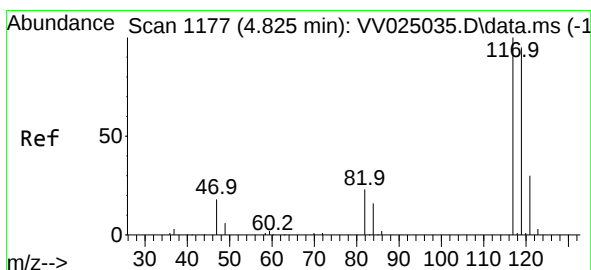
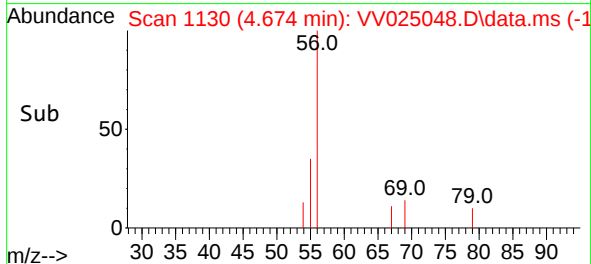
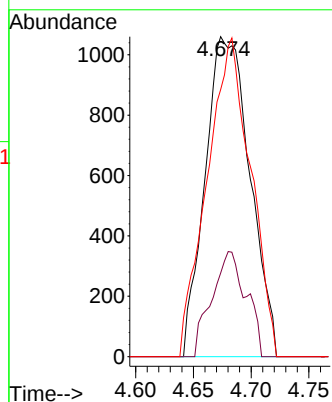
Tgt Ion: 56 Resp: 2858

Ion Ratio Lower Upper

56 100

69 25.2 24.9 37.3

84 96.4 75.9 113.9



#31

Carbon tetrachloride

Concen: 2.330 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VV025048.D

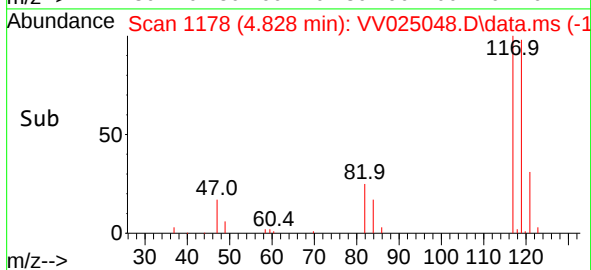
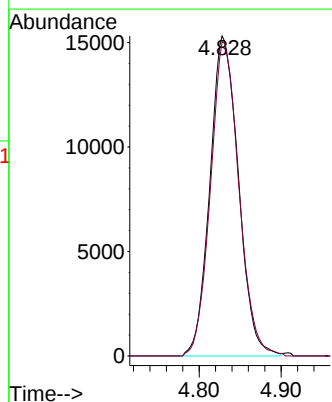
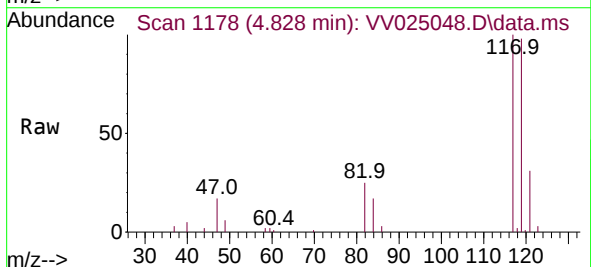
Acq: 16 Mar 2022 15:26

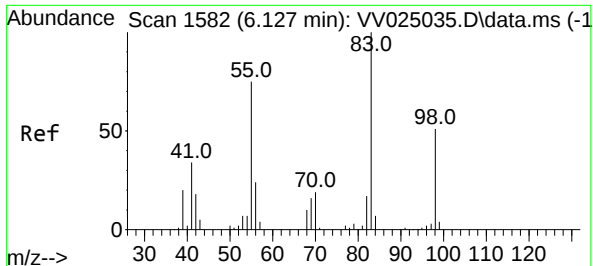
Tgt Ion: 117 Resp: 36950

Ion Ratio Lower Upper

117 100

119 97.7 76.8 115.2





#35

Methylcyclohexane

Concen: 0.689 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV025048.D

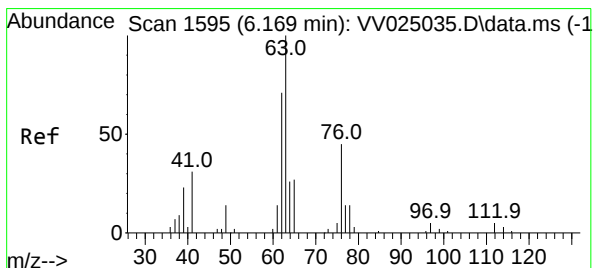
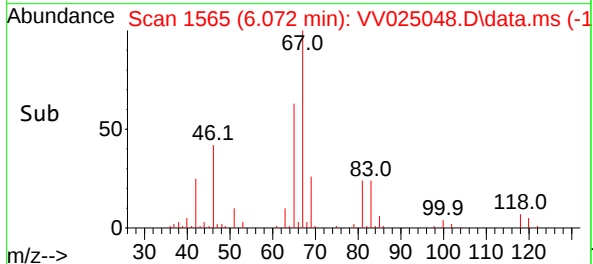
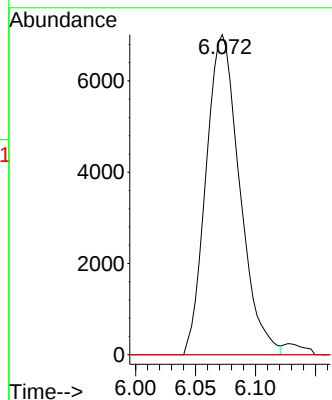
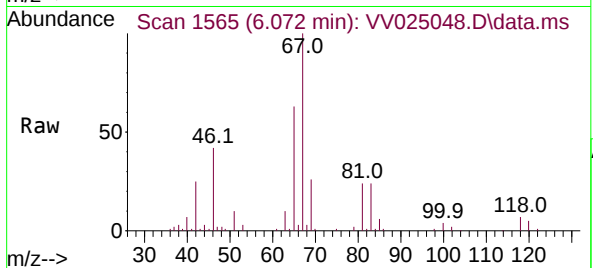
Acq: 16 Mar 2022 15:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 13696
Ion Ratio	Lower Upper
83 100	
55 0.0	55.4 83.0#
98 2.1	38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.564 ug/L

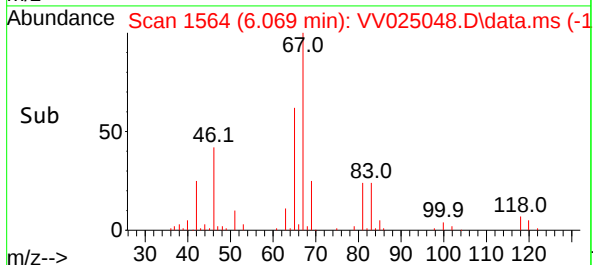
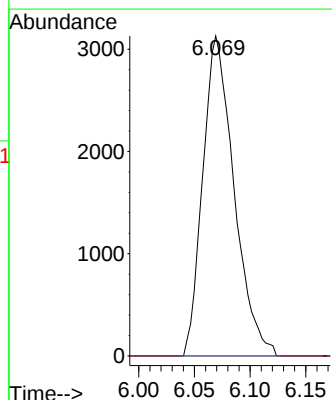
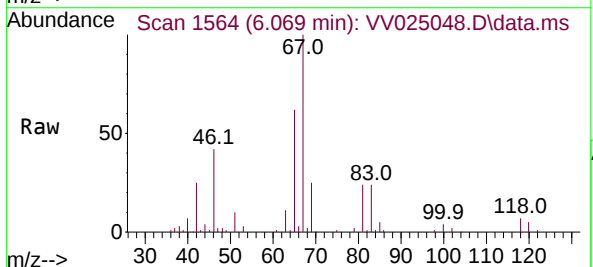
RT: 6.069 min Scan# 1564

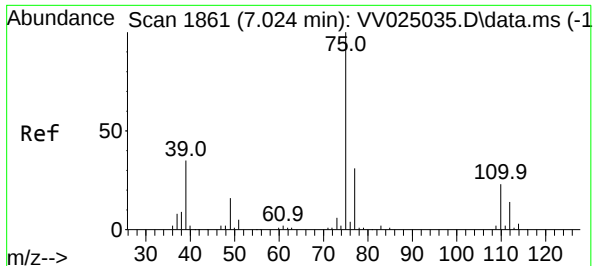
Delta R.T. -0.100 min

Lab File: VV025048.D

Acq: 16 Mar 2022 15:26

Tgt Ion: 63	Resp: 6114
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.992 min Scan# 1169

Delta R.T. -0.032 min

Lab File: VV025048.D

Acq: 16 Mar 2022 15:26

Instrument :

MSVOA_V

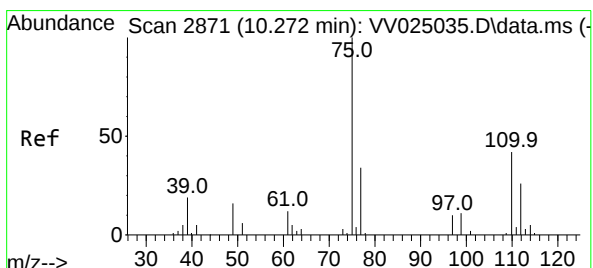
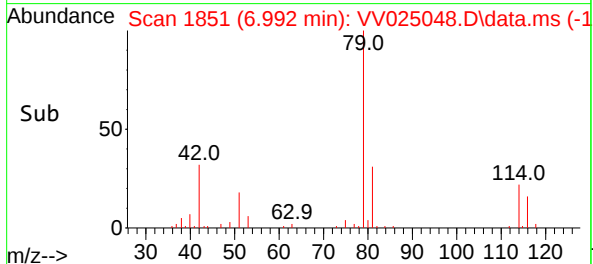
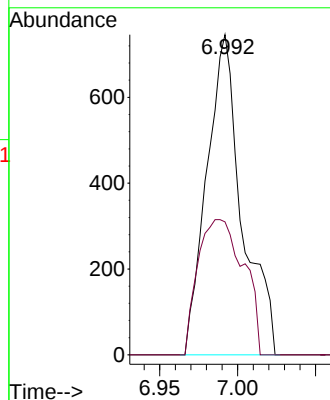
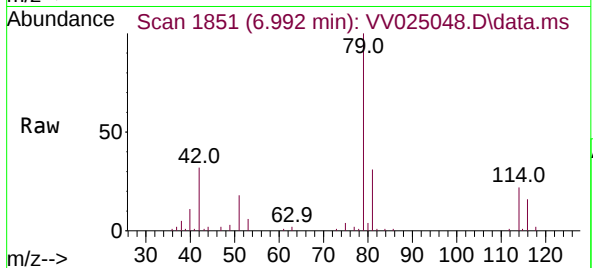
ClientSampleId :

Tgt Ion: 75 Resp: 1169

Ion Ratio Lower Upper

75 100

77 41.6 23.0 42.8



#61

1,2,3-Trichloropropane

Concen: 0.209 ug/L

RT: 10.011 min Scan# 2790

Delta R.T. -0.260 min

Lab File: VV025048.D

Acq: 16 Mar 2022 15:26

Tgt Ion: 75 Resp: 1071

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

110 0.0 31.2 46.8#

