

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025040.D
 Acq On : 16 Mar 2022 12:19
 Operator : SY/MD
 Sample : N1934-08DL 20X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 02:01:49 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)

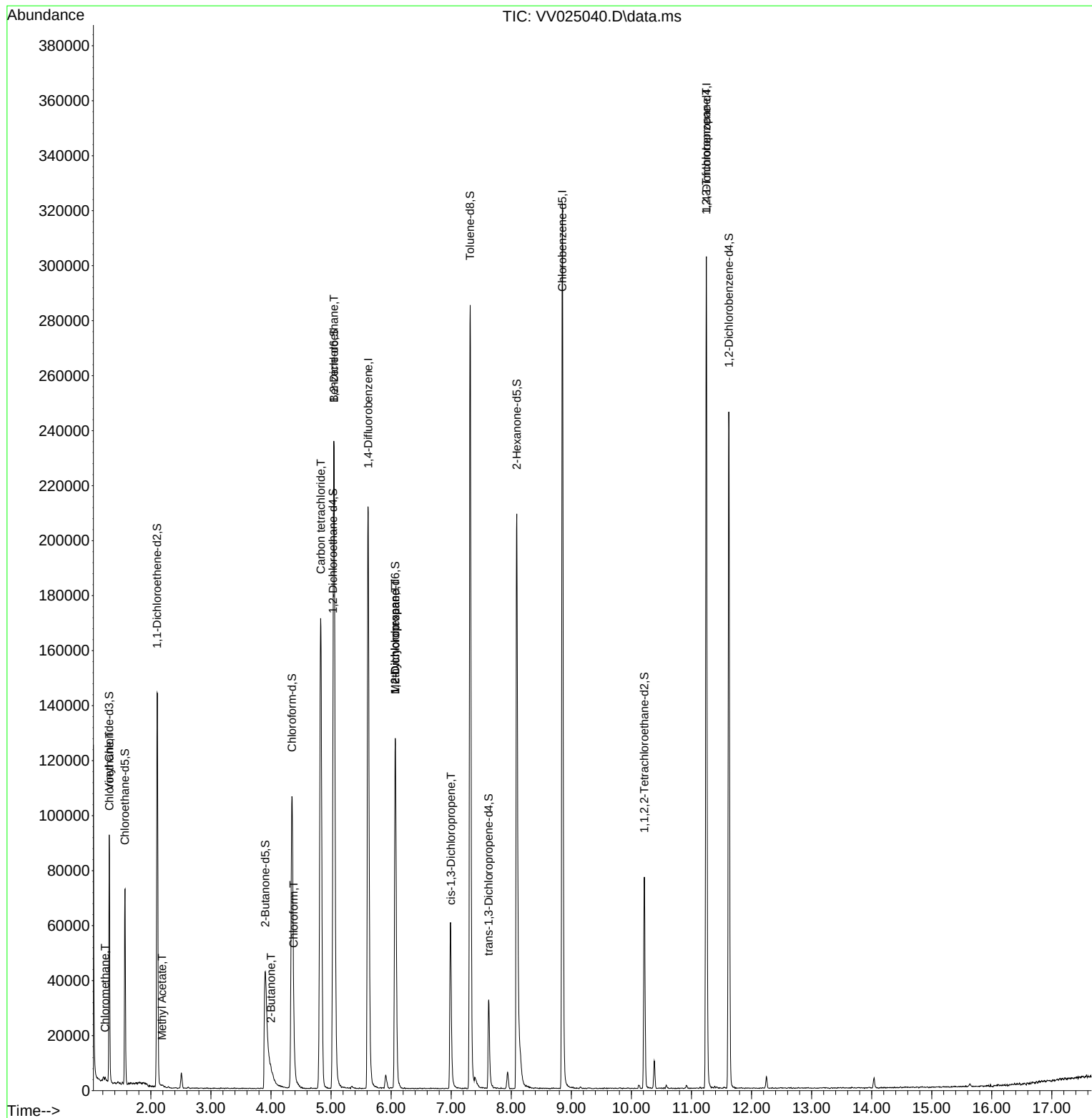
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	192881	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	183165	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	57834	3.798	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.568	69	46621	4.181	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.105	63	76380	3.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.905	46	102064	55.460	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.920%
24) Chloroform-d	4.349	84	107562	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.034	65	47634	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.050	84	227336	4.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.069	67	67400	4.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.317	98	194404	4.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.625	79	21157	3.972	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.091	63	80512	44.315	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.620%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38919	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	62001	4.690	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	714	0.044	ug/L	100
8) Chloroethane	1.310	64	747	0.073	ug/L #	1
15) Methyl Acetate	2.185	43	963	0.286	ug/L #	44
21) 2-Butanone	4.002	43	3497	1.800	ug/L	80
25) Chloroform	4.378	83	3539	0.135	ug/L	93
27) 1,2-Dichloroethane	5.050	62	1160	0.089	ug/L #	71
31) Carbon tetrachloride	4.828	117	132319	6.603	ug/L	100
35) Methylcyclohexane	6.069	83	15668	0.624	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	7245	0.529	ug/L #	86
39) cis-1,3-Dichloropropene	6.995	75	1408	0.074	ug/L #	77
61) 1,2,3-Trichloropropane	11.246	75	9800	1.492	ug/L #	66

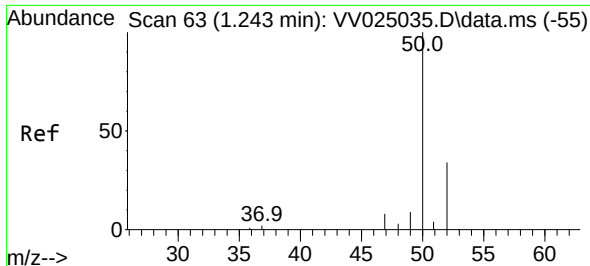
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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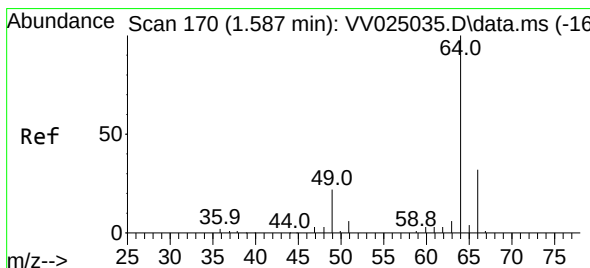
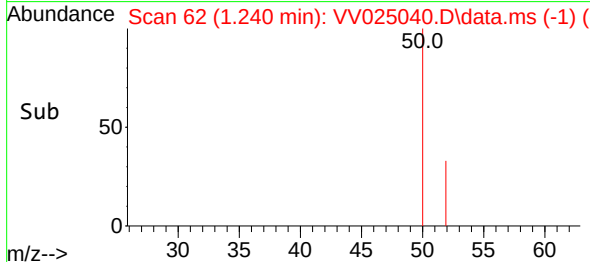
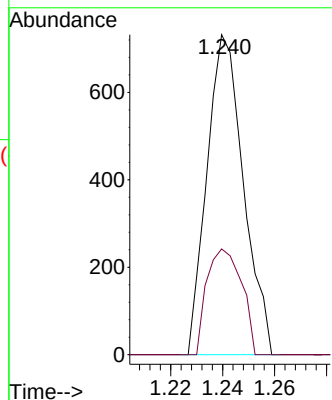
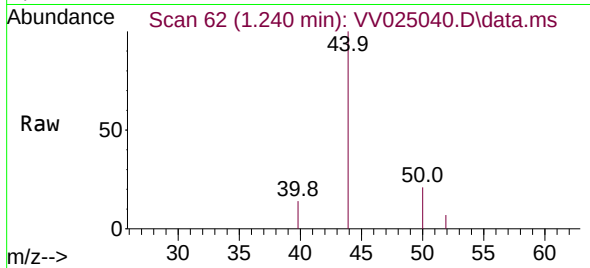




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025040.D
Acq: 16 Mar 2022 12:19

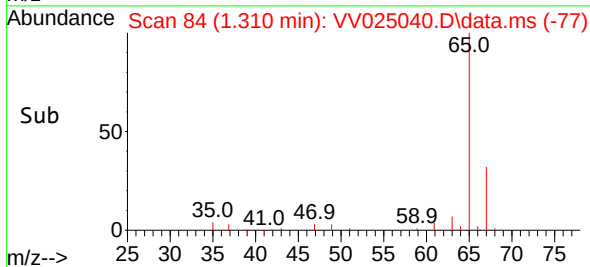
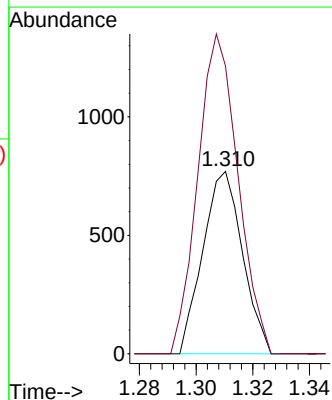
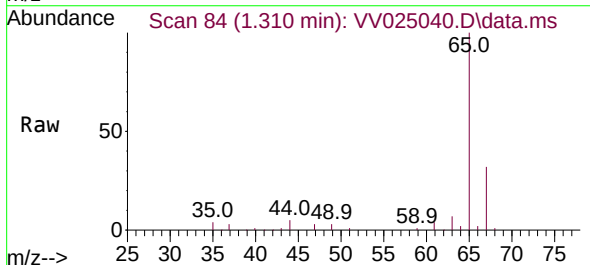
Instrument :
MSVOA_V
ClientSampleId :

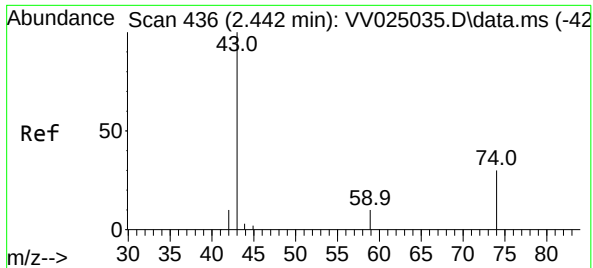
Tgt Ion: 50 Resp: 714
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2



#8
Chloroethane
Concen: 0.073 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.277 min
Lab File: VV025040.D
Acq: 16 Mar 2022 12:19

Tgt Ion: 64 Resp: 747
Ion Ratio Lower Upper
64 100
66 157.8 22.5 41.7#

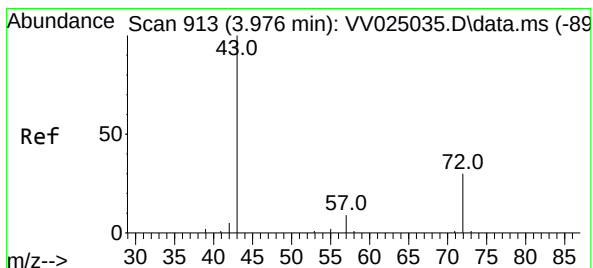
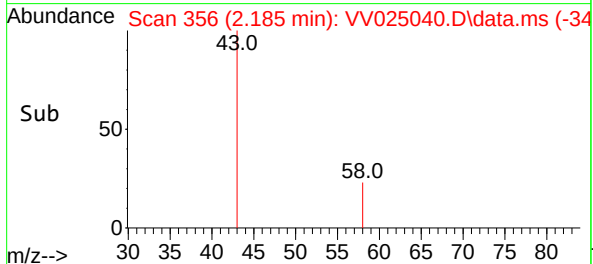
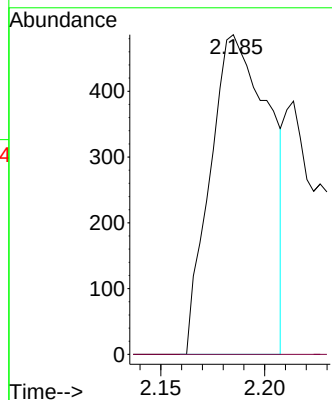
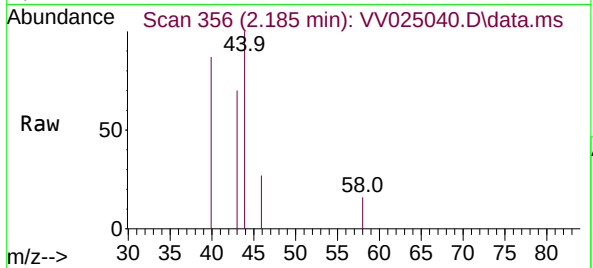




#15
Methyl Acetate
Concen: 0.286 ug/L
RT: 2.185 min Scan# 315
Delta R.T. -0.257 min
Lab File: VV025040.D
Acq: 16 Mar 2022 12:19

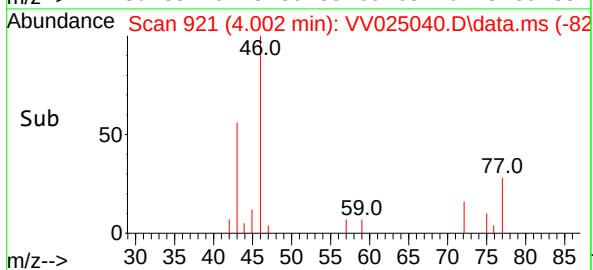
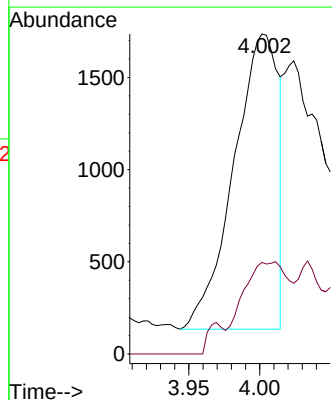
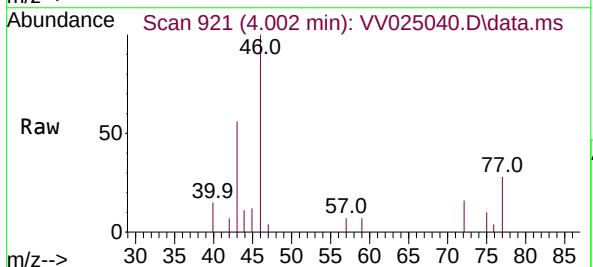
Instrument :
MSVOA_V
ClientSampleId :

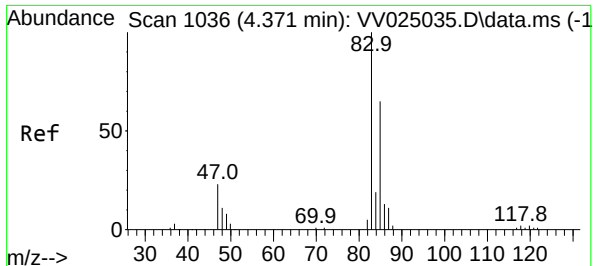
Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.4#



#21
2-Butanone
Concen: 1.800 ug/L
RT: 4.002 min Scan# 921
Delta R.T. 0.026 min
Lab File: VV025040.D
Acq: 16 Mar 2022 12:19

Tgt Ion: 43 Resp: 3497
Ion Ratio Lower Upper
43 100
72 30.2 10.4 31.2





#25

Chloroform

Concen: 0.135 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025040.D

Acq: 16 Mar 2022 12:19

Instrument :

MSVOA_V

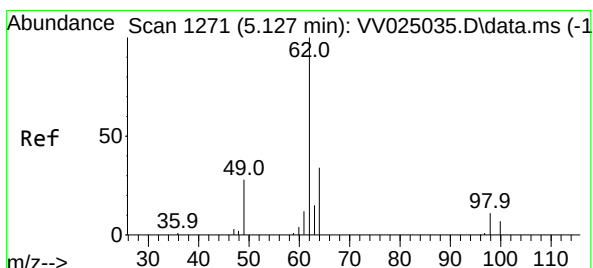
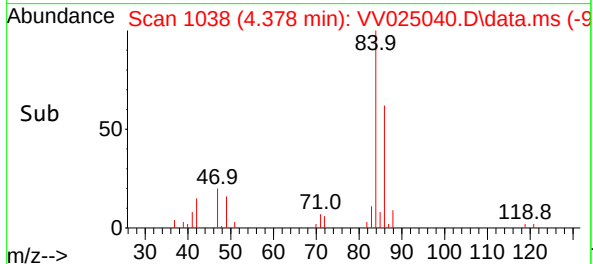
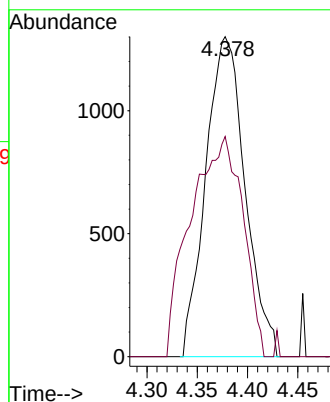
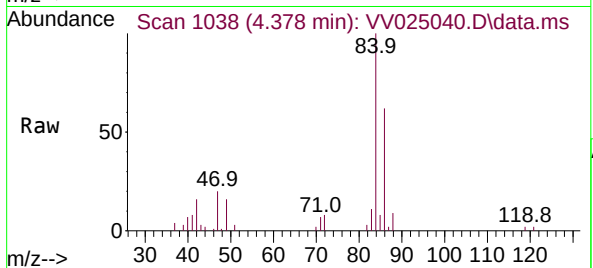
ClientSampleId :

Tgt Ion: 83 Resp: 3539

Ion Ratio Lower Upper

83 100

85 68.8 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.089 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025040.D

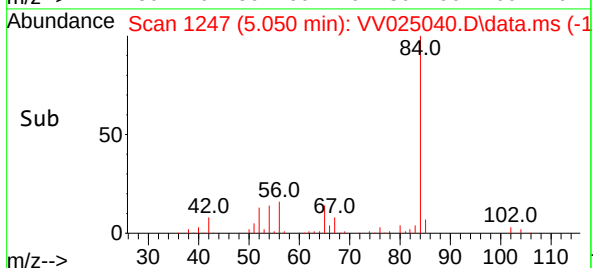
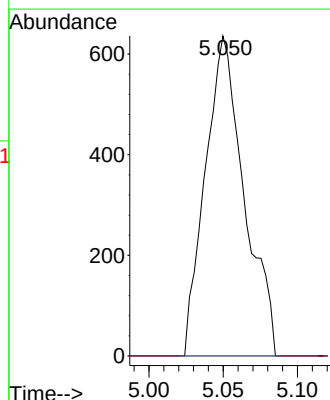
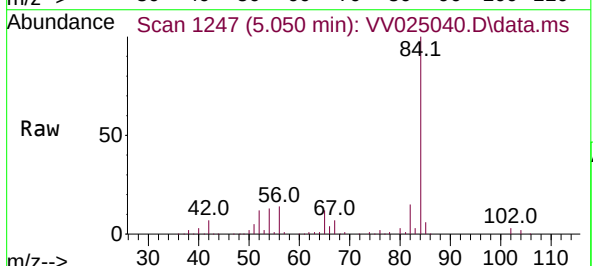
Acq: 16 Mar 2022 12:19

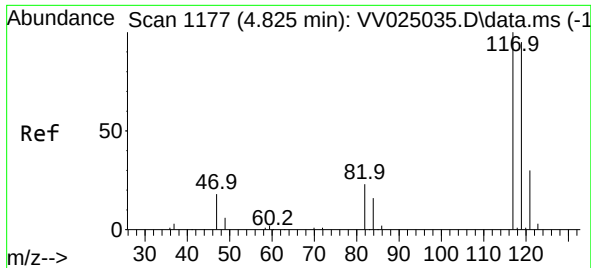
Tgt Ion: 62 Resp: 1160

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#

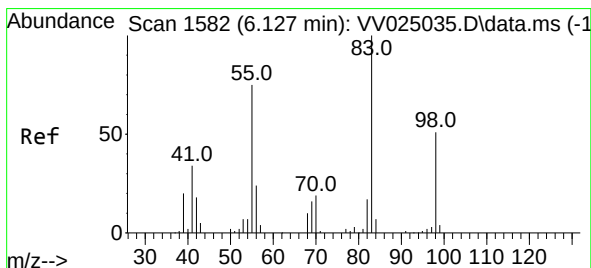
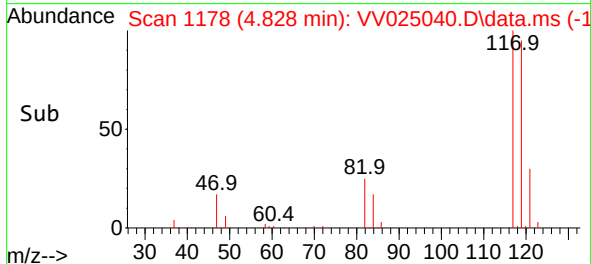
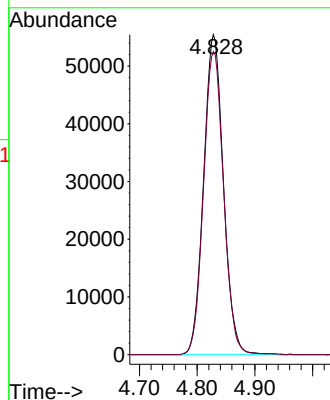
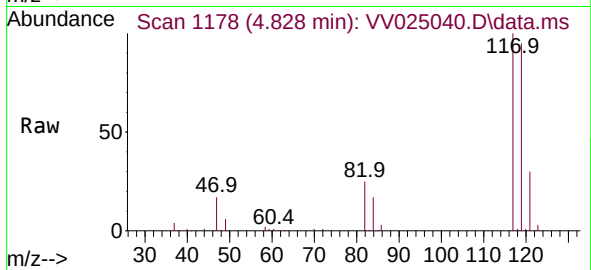




#31
Carbon tetrachloride
Concen: 6.603 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025040.D
Acq: 16 Mar 2022 12:19

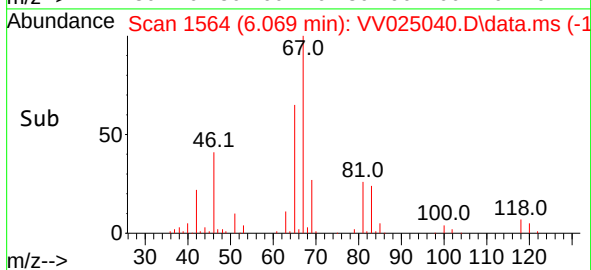
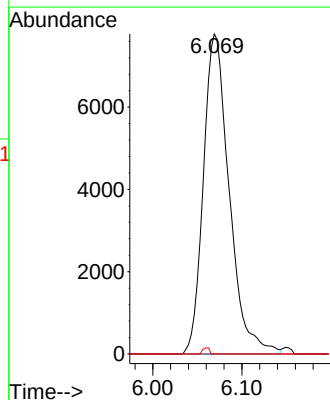
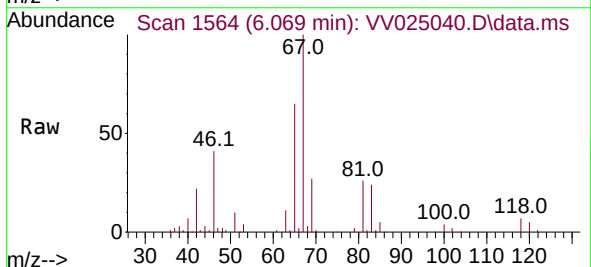
Instrument :
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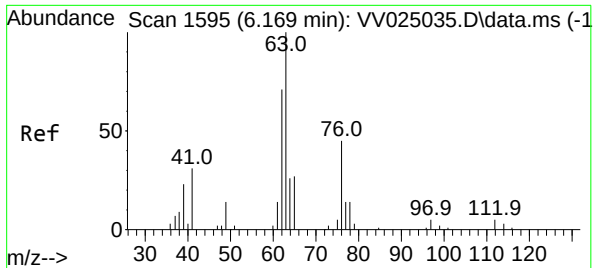
Tgt Ion:117 Resp: 132319
Ion Ratio Lower Upper
117 100
119 95.8 76.8 115.2



#35
Methylcyclohexane
Concen: 0.624 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025040.D
Acq: 16 Mar 2022 12:19

Tgt Ion: 83 Resp: 15668
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 0.5 38.4 57.6#

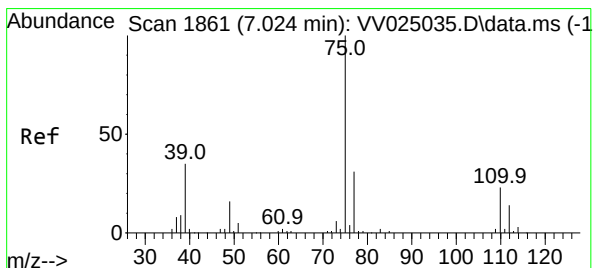
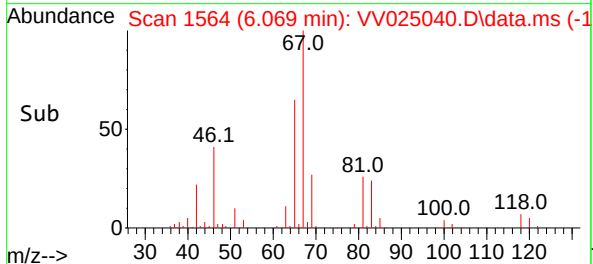
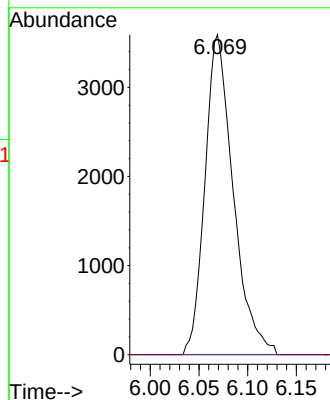
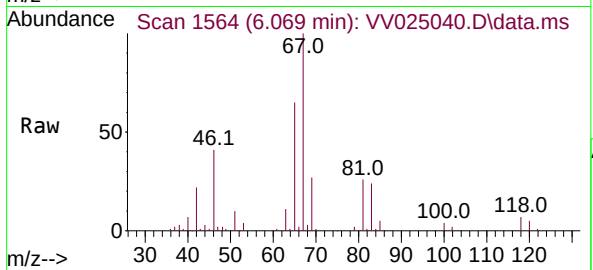




#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV025040.D
Acq: 16 Mar 2022 12:19

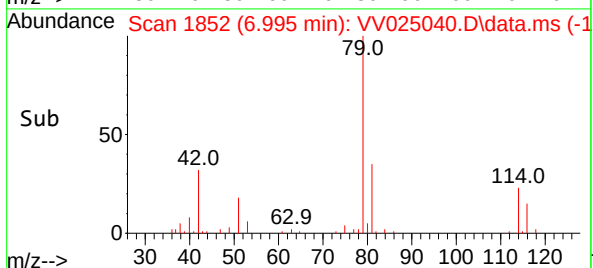
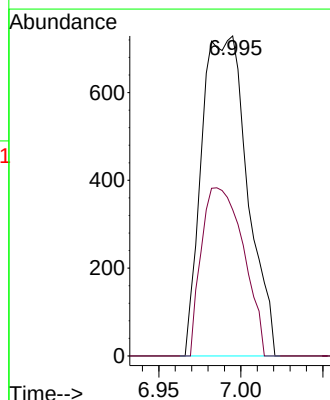
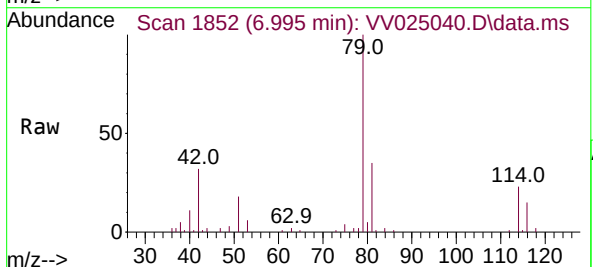
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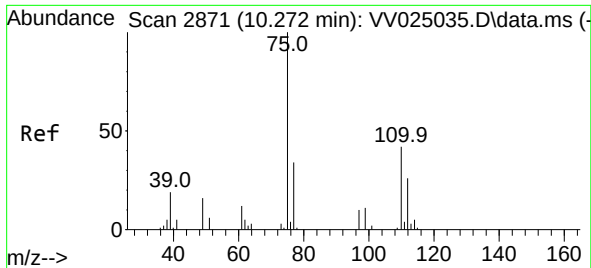
Tgt Ion: 63 Resp: 7245
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.029 min
Lab File: VV025040.D
Acq: 16 Mar 2022 12:19

Tgt Ion: 75 Resp: 1408
Ion Ratio Lower Upper
75 100
77 45.7 23.0 42.8#





#61

1,2,3-Trichloropropane

Concen: 1.492 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

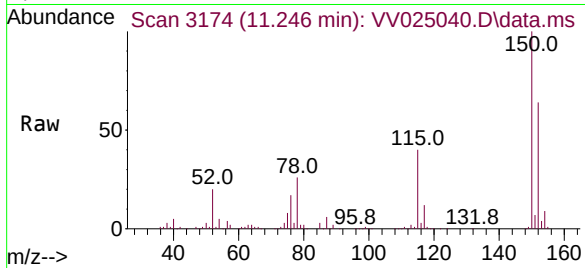
Lab File: VV025040.D

Acq: 16 Mar 2022 12:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 9800

Ion Ratio Lower Upper

75 100

77 33.4 25.7 38.5

110 1.9 31.2 46.8#

