

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024097.D
 Acq On : 19 Dec 2021 18:38
 Operator : SY/MD
 Sample : M5134-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 01:39:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 01:35:07 2021
 Response via : Initial Calibration

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

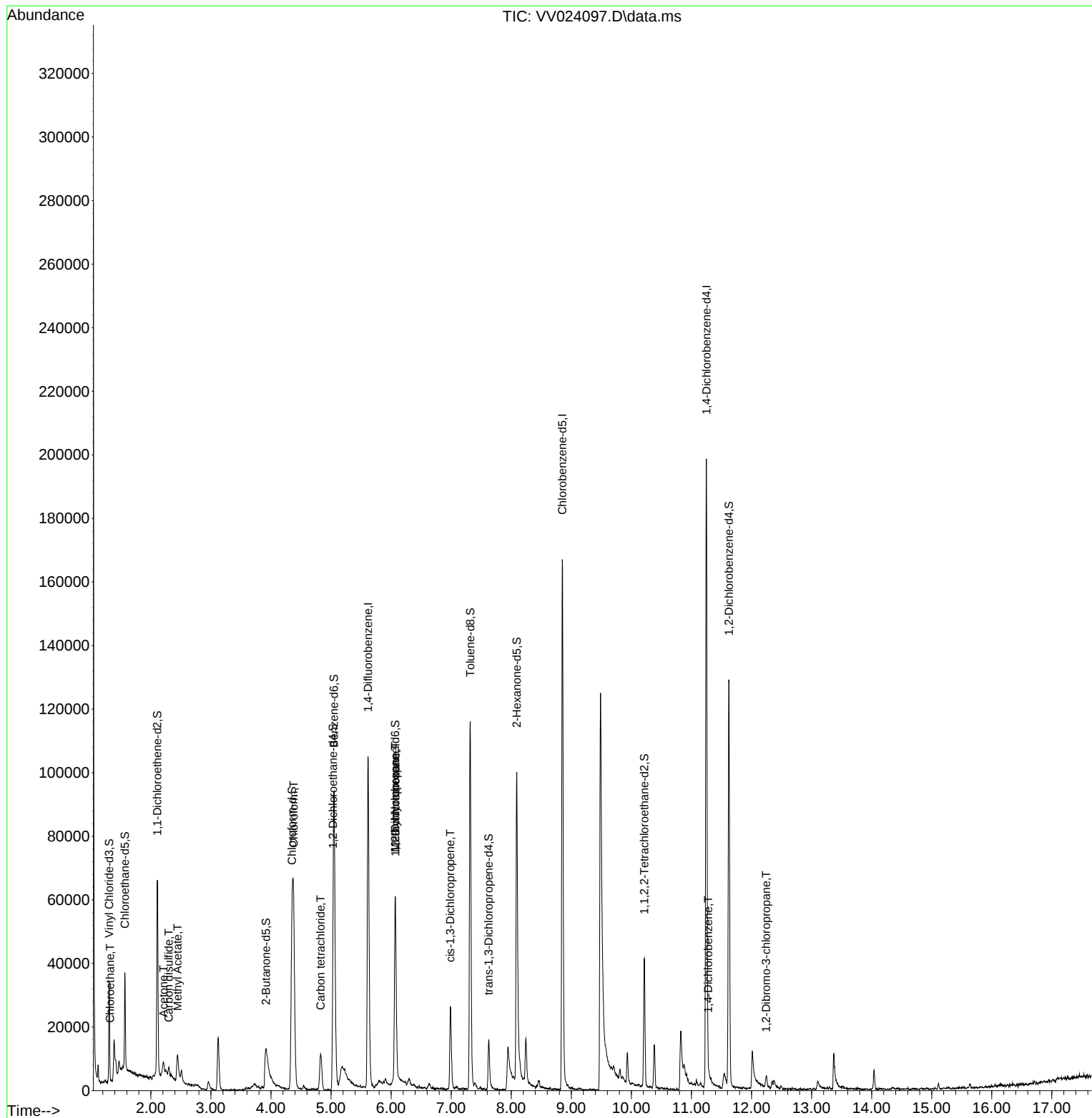
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	92318	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	93792	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	18626	3.753	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.568	69	17341	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.108	63	29564	3.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	3.915	46	35047	36.146	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.300%
24) Chloroform-d	4.349	84	49148	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.034	65	22408	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.050	84	85300	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.069	67	25012	4.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.317	98	77105	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.625	79	8855	3.808	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.092	63	33799	32.472	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18093	3.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	33656	4.613	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						Qvalue
8) Chloroethane	1.320	64	540	0.111	ug/L	94
13) Acetone	2.211	43	4667	6.016	ug/L	66
14) Carbon disulfide	2.298	76	2917	0.162	ug/L #	94
15) Methyl Acetate	2.446	43	12861	6.840	ug/L	99
25) Chloroform	4.378	83	48975	3.580	ug/L	97
31) Carbon tetrachloride	4.825	117	9221	0.799	ug/L	99
35) Methylcyclohexane	6.069	83	6994	0.635	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	3079	0.488	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	774	0.083	ug/L #	73
65) 1,4-Dichlorobenzene	11.278	146	1020	0.062	ug/L #	80
68) 1,2-Dibromo-3-chloropr...	12.243	75	85	0.105	ug/L #	1

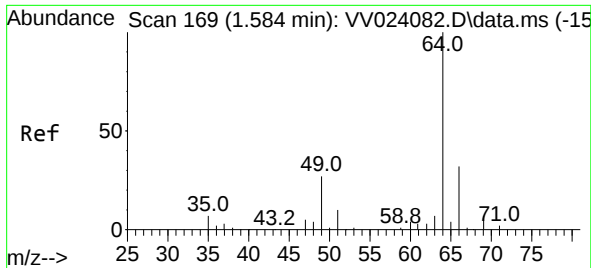
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.111 ug/L

RT: 1.320 min Scan# 81

Delta R.T. -0.263 min

Lab File: VV024097.D

Acq: 19 Dec 2021 18:38

Instrument :

MSVOA_V

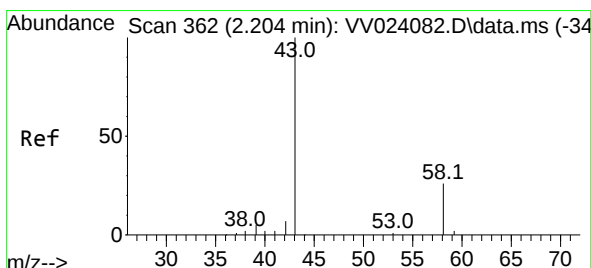
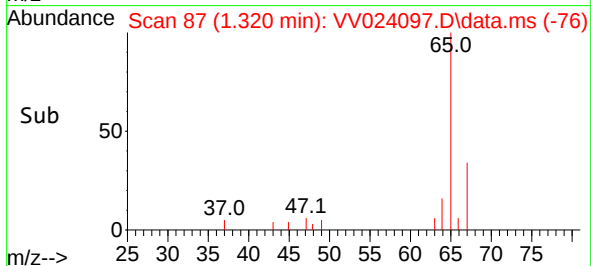
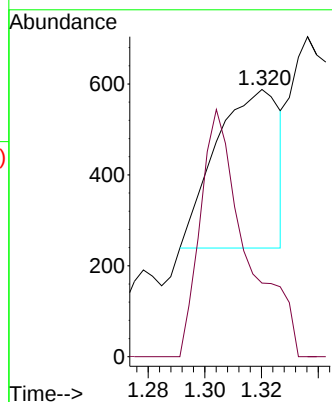
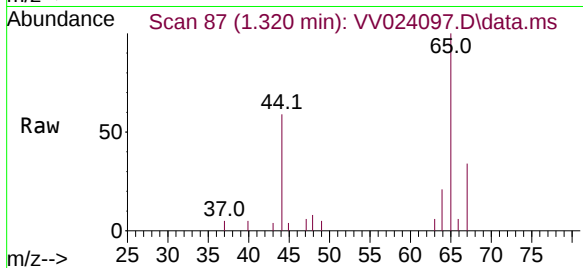
ClientSampleId :

Tgt Ion: 64 Resp: 540

Ion Ratio Lower Upper

64 100

66 27.6 21.4 39.8



#13

Acetone

Concen: 6.016 ug/L

RT: 2.211 min Scan# 364

Delta R.T. 0.007 min

Lab File: VV024097.D

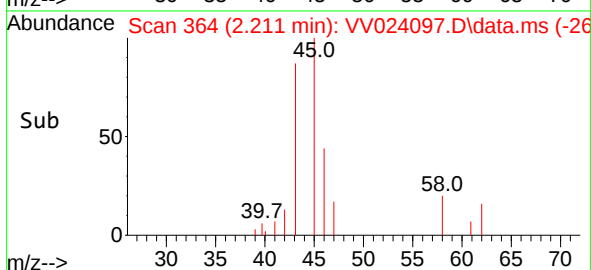
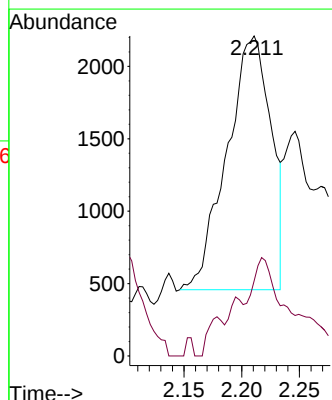
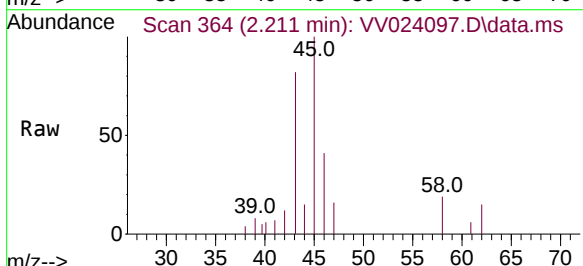
Acq: 19 Dec 2021 18:38

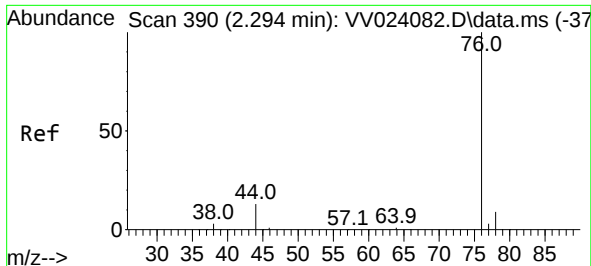
Tgt Ion: 43 Resp: 4667

Ion Ratio Lower Upper

43 100

58 36.7 0.0 41.4

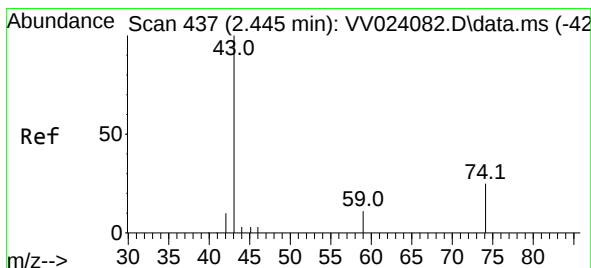
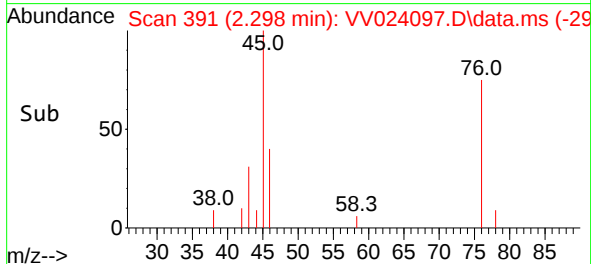
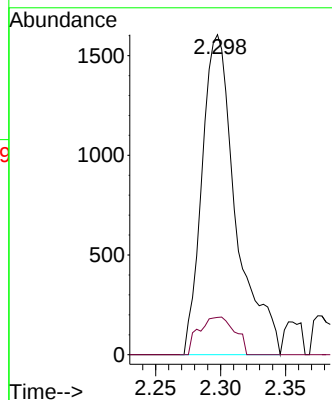
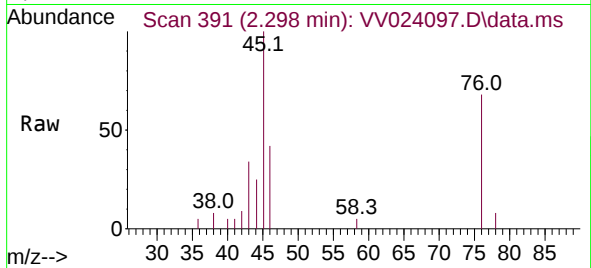




#14
Carbon disulfide
Concen: 0.162 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV024097.D
Acq: 19 Dec 2021 18:38

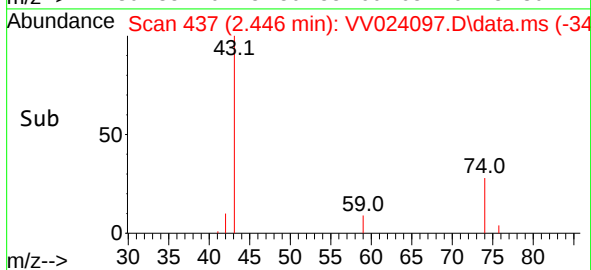
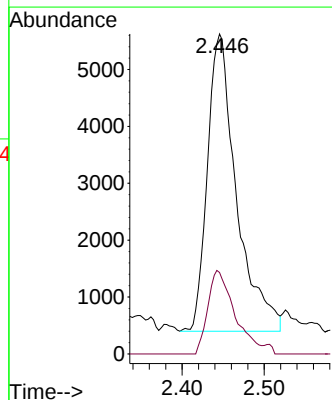
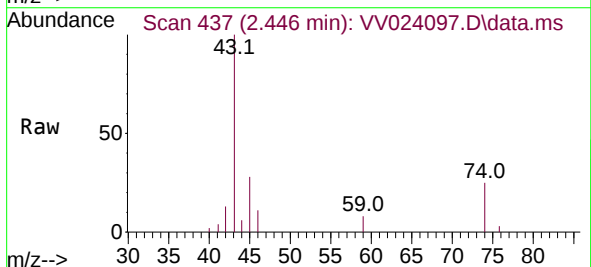
Instrument :
MSVOA_V
ClientSampleId :

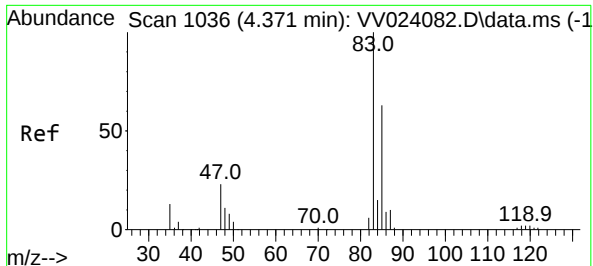
Tgt Ion: 76 Resp: 2917
Ion Ratio Lower Upper
76 100
78 11.7 7.5 11.3#



#15
Methyl Acetate
Concen: 6.840 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV024097.D
Acq: 19 Dec 2021 18:38

Tgt Ion: 43 Resp: 12861
Ion Ratio Lower Upper
43 100
74 25.9 20.2 30.2

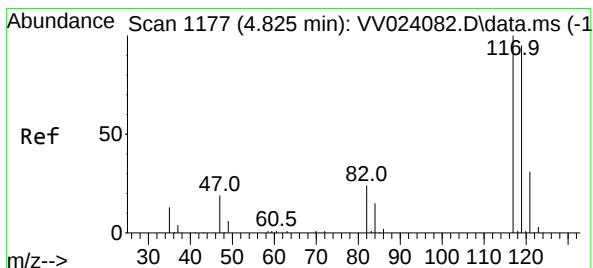
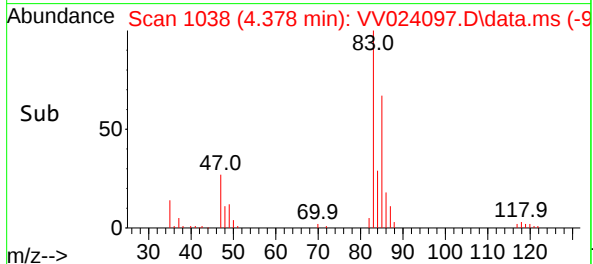
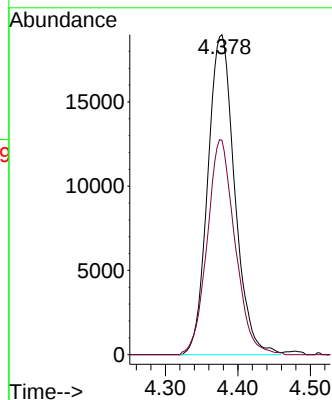
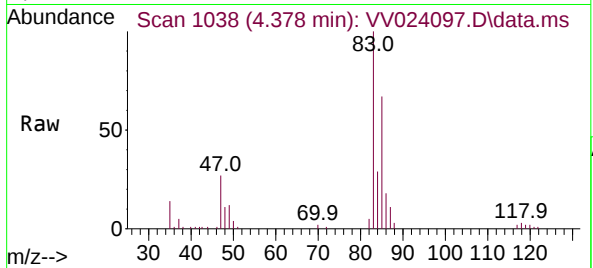




#25
Chloroform
Concen: 3.580 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VV024097.D
Acq: 19 Dec 2021 18:38

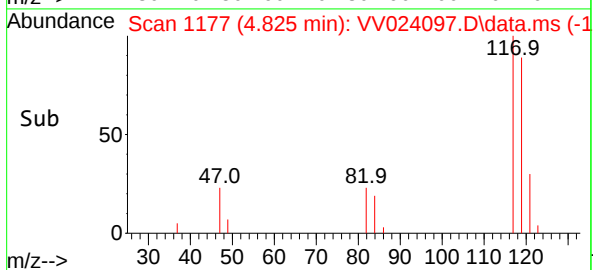
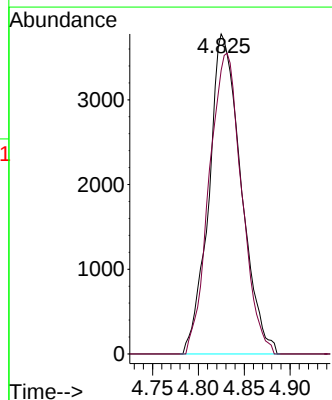
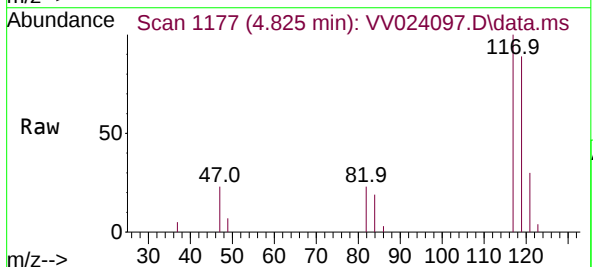
Instrument :
MSVOA_V
ClientSampleId :

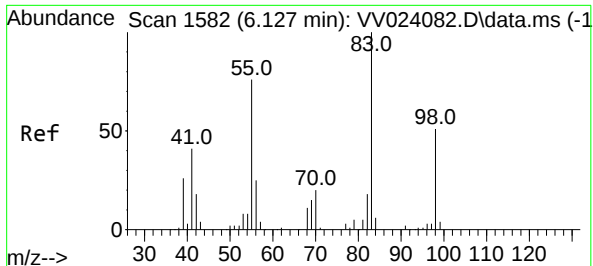
Tgt Ion: 83 Resp: 48975
Ion Ratio Lower Upper
83 100
85 67.0 45.2 84.0



#31
Carbon tetrachloride
Concen: 0.799 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV024097.D
Acq: 19 Dec 2021 18:38

Tgt Ion: 117 Resp: 9221
Ion Ratio Lower Upper
117 100
119 94.9 76.6 114.8

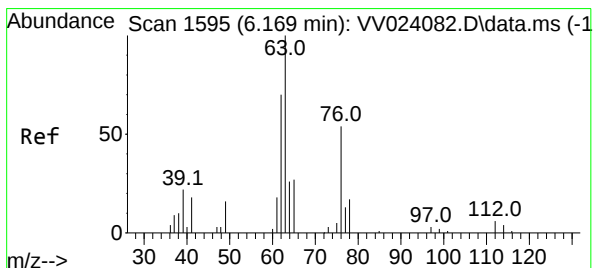
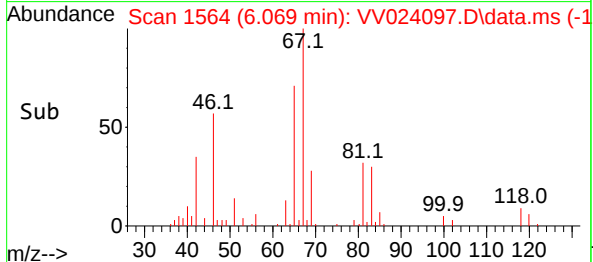
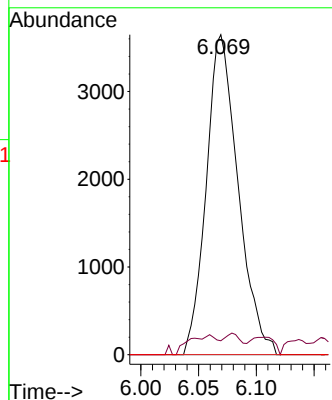
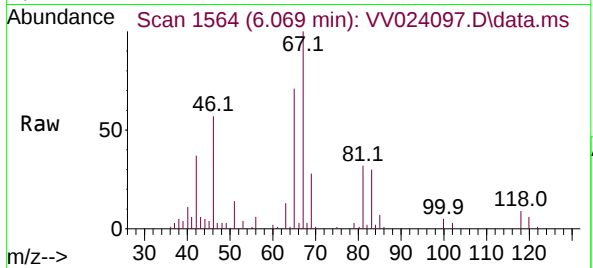




#35
Methylcyclohexane
Concen: 0.635 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024097.D
Acq: 19 Dec 2021 18:38

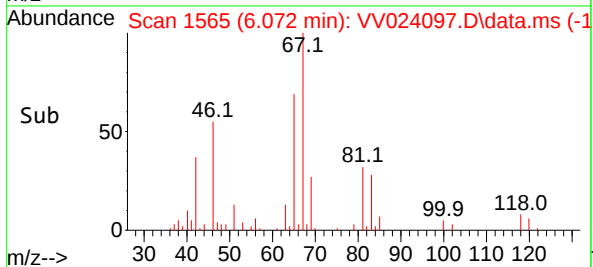
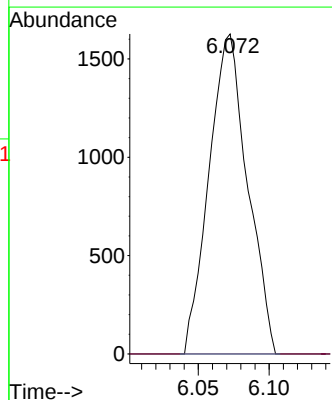
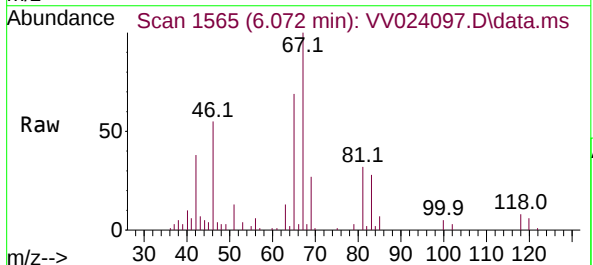
Instrument :
MSVOA_V
ClientSampleId :

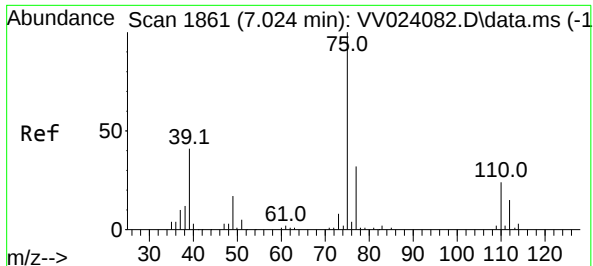
Tgt Ion: 83 Resp: 6994
Ion Ratio Lower Upper
83 100
55 3.6 60.2 90.2#
98 0.0 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.488 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.096 min
Lab File: VV024097.D
Acq: 19 Dec 2021 18:38

Tgt Ion: 63 Resp: 3079
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV024097.D

Acq: 19 Dec 2021 18:38

Instrument :

MSVOA_V

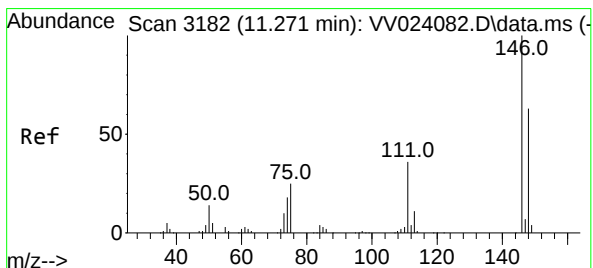
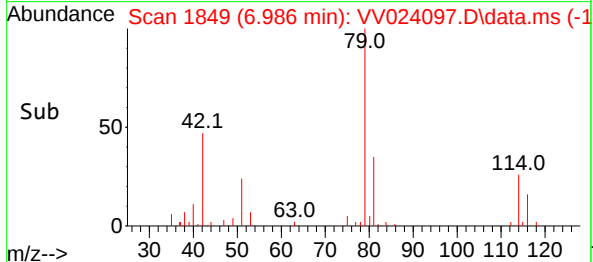
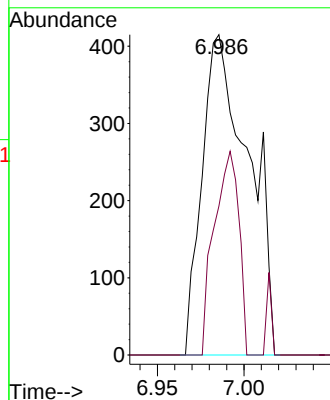
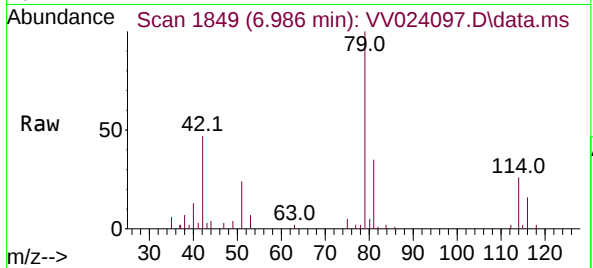
ClientSampleId :

Tgt Ion: 75 Resp: 774

Ion Ratio Lower Upper

75 100

77 46.5 22.0 41.0#



#65

1,4-Dichlorobenzene

Concen: 0.062 ug/L

RT: 11.278 min Scan# 3184

Delta R.T. 0.007 min

Lab File: VV024097.D

Acq: 19 Dec 2021 18:38

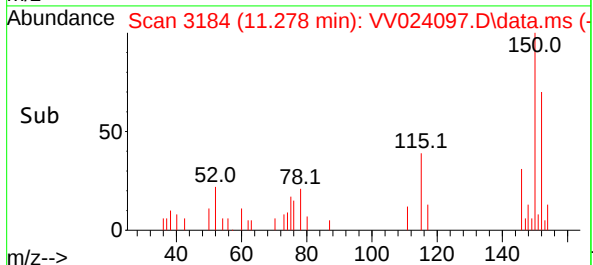
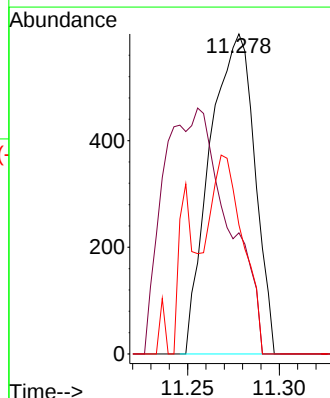
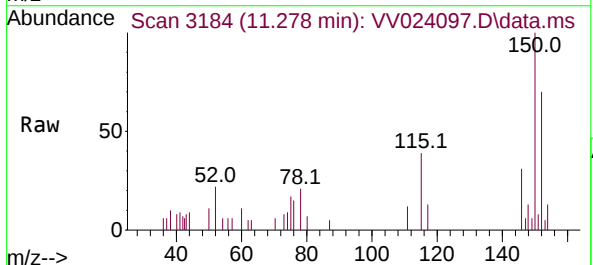
Tgt Ion:146 Resp: 1020

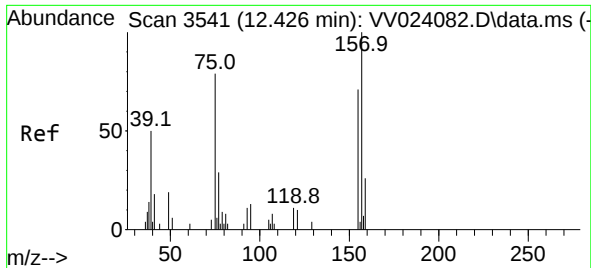
Ion Ratio Lower Upper

146 100

111 37.8 25.6 47.6

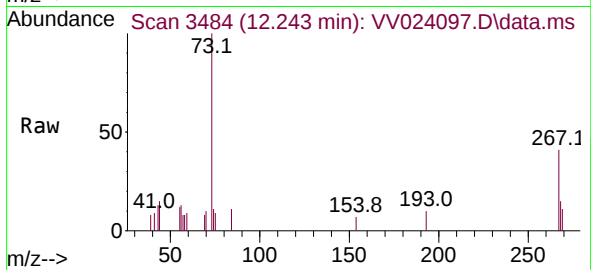
148 40.3 44.8 83.2#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.105 ug/L
 RT: 12.243 min Scan# 34
 Delta R.T. -0.183 min
 Lab File: VV024097.D
 Acq: 19 Dec 2021 18:38

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 85
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.7 107.5#
 157 0.0 103.3 154.9#

