

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120821\
 Data File : VW023841.D
 Acq On : 08 Dec 2021 16:57
 Operator : SY/MD
 Sample : M4889-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CP0

Quant Time: Dec 09 00:34:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

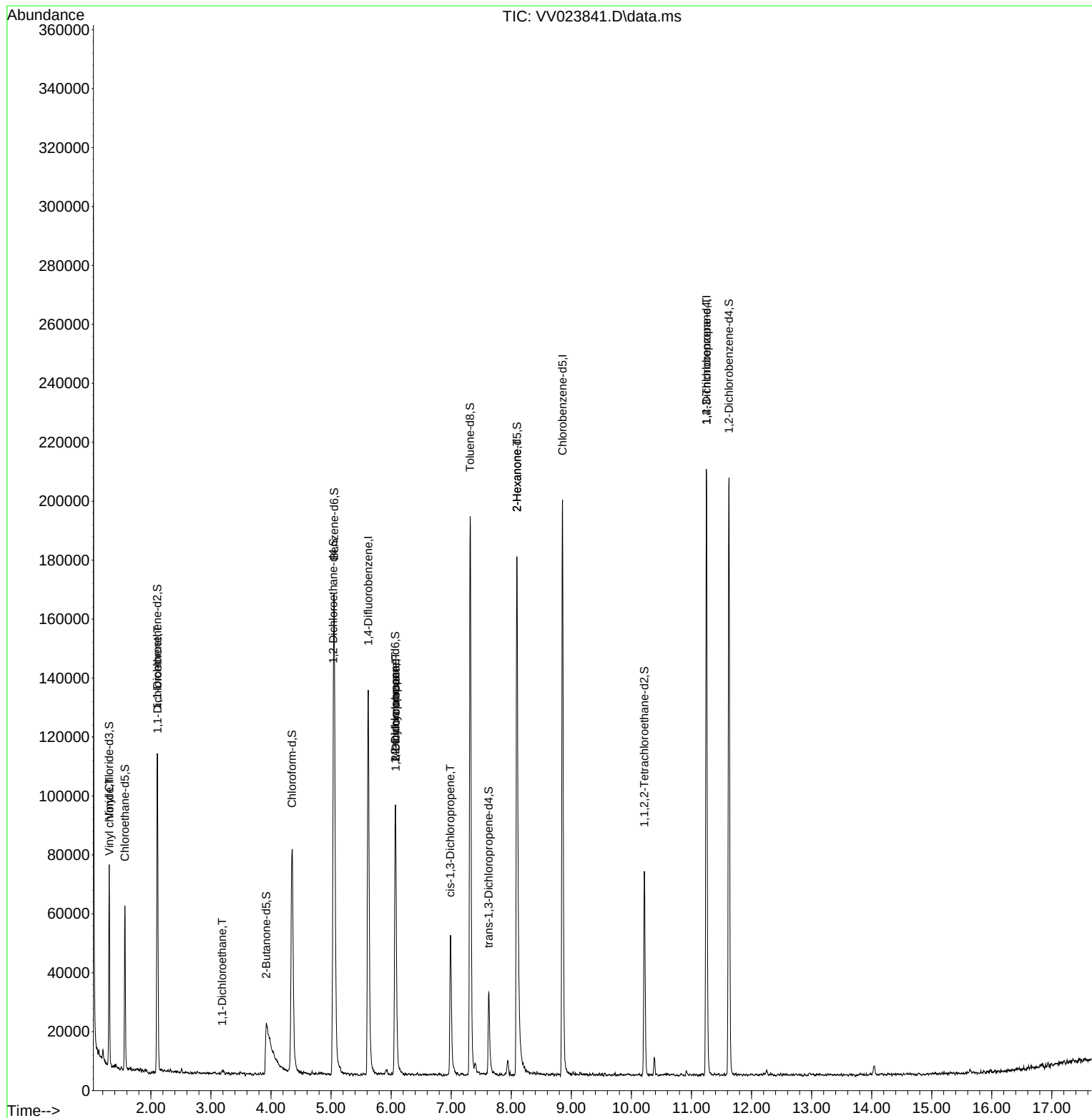
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118346	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57194	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40480	4.167	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.568	69	32337	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.108	63	54824	3.202	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.921	46	41644	35.656	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.320%
24) Chloroform-d	4.349	84	79524	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.037	65	39862	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.053	84	147550	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.069	67	44195	5.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.317	98	130011	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.625	79	17242	5.022	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.095	63	75950	66.576	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.160%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32187	5.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	53428	5.284	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	444	0.043	ug/L #	1
12) 1,1-Dichloroethene	2.111	96	499	0.063	ug/L #	1
19) 1,1-Dichloroethane	3.188	63	1482	0.098	ug/L #	87
35) Methylcyclohexane	6.072	83	11242	0.847	ug/L #	18
37) 1,2-Dichloropropane	6.075	63	5481	0.725	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1424	0.132	ug/L	97
48) 2-Hexanone	8.095	43	9729	3.648	ug/L #	56
61) 1,2,3-Trichloropropane	11.249	75	5789	1.427	ug/L #	64

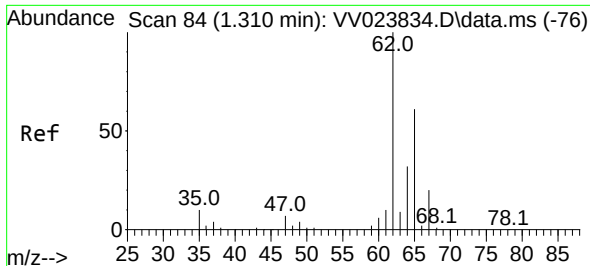
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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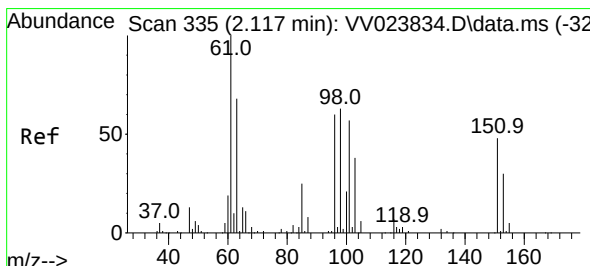
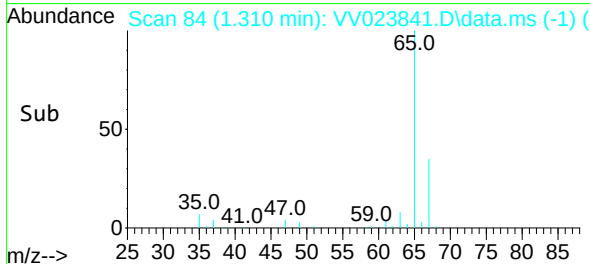
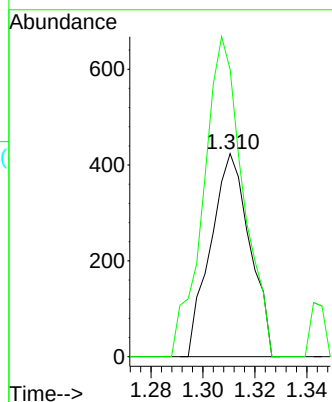
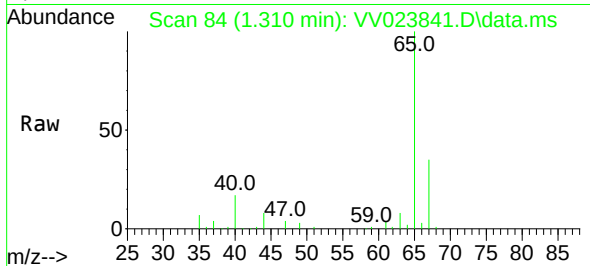




#5
 Vinyl chloride
 Concen: 0.043 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023841.D
 Acq: 08 Dec 2021 16:57

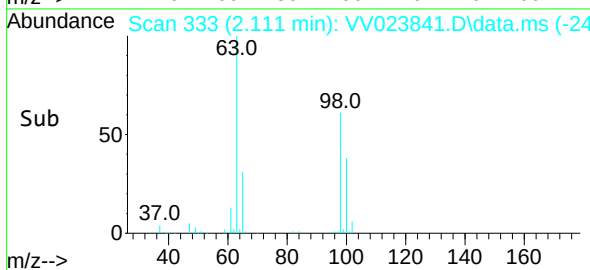
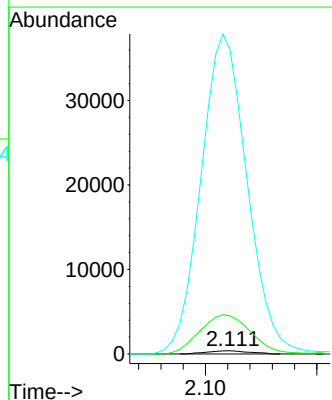
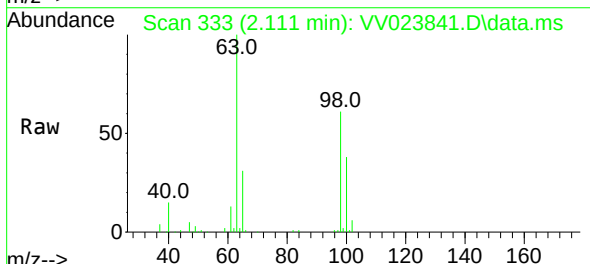
Instrument :
 MSVOA_V
 ClientSampleId :
 C0CP0

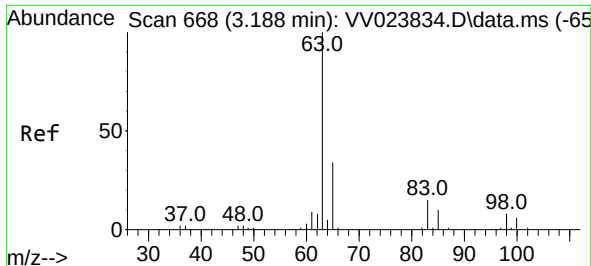
Tgt Ion: 62 Resp: 444
 Ion Ratio Lower Upper
 62 100
 64 141.5 22.4 41.6#



#12
 1,1-Dichloroethene
 Concen: 0.063 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV023841.D
 Acq: 08 Dec 2021 16:57

Tgt Ion: 96 Resp: 499
 Ion Ratio Lower Upper
 96 100
 61 1176.0 116.1 215.5#
 63 9384.9 79.4 147.4#





#19

1,1-Dichloroethane

Concen: 0.098 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023841.D

Acq: 08 Dec 2021 16:57

Instrument :

MSVOA_V

ClientSampleId :

C0CP0

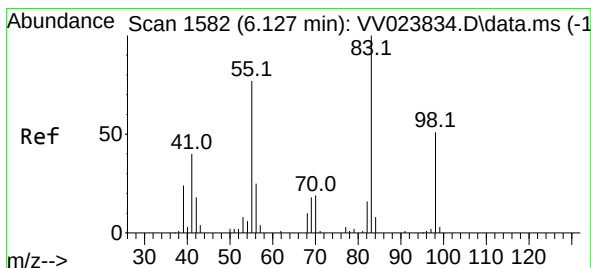
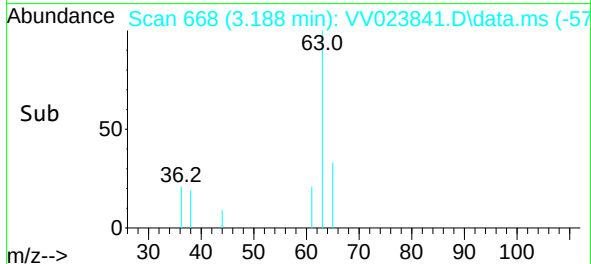
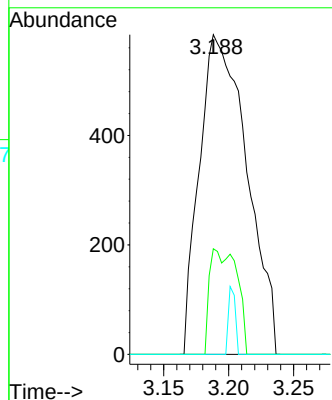
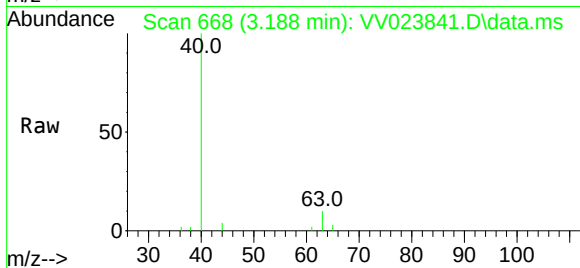
Tgt Ion: 63 Resp: 1482

Ion Ratio Lower Upper

63 100

65 33.0 22.3 41.3

83 0.0 10.7 19.9#



#35

Methylcyclohexane

Concen: 0.847 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023841.D

Acq: 08 Dec 2021 16:57

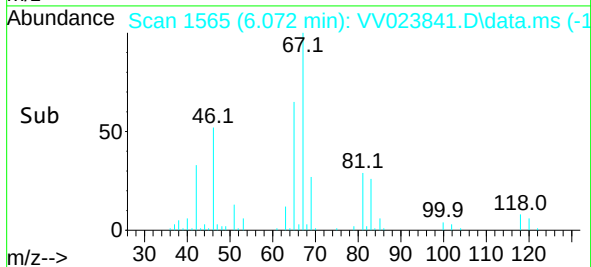
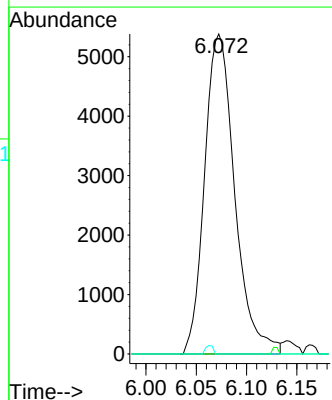
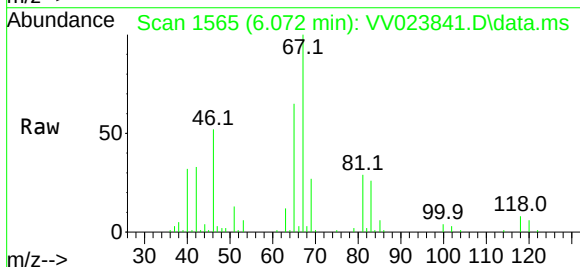
Tgt Ion: 83 Resp: 11242

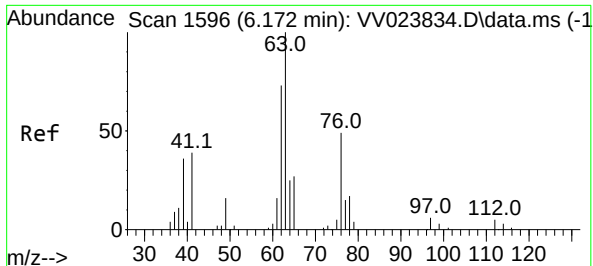
Ion Ratio Lower Upper

83 100

55 0.4 60.2 90.2#

98 0.7 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.725 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV023841.D

Acq: 08 Dec 2021 16:57

Instrument :

MSVOA_V

ClientSampleId :

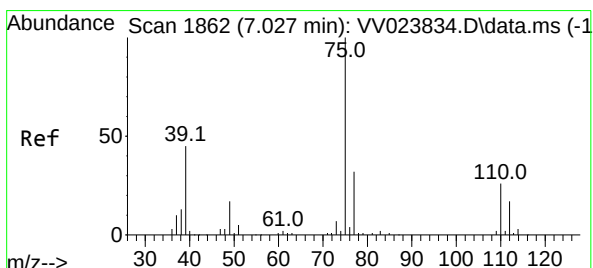
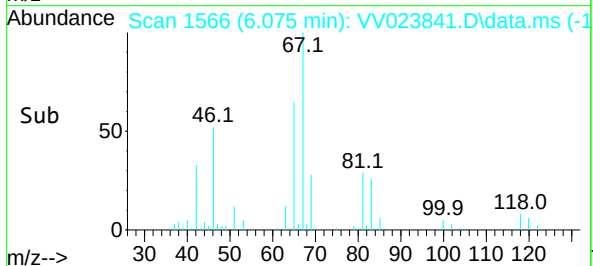
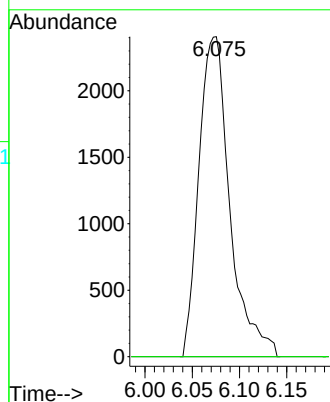
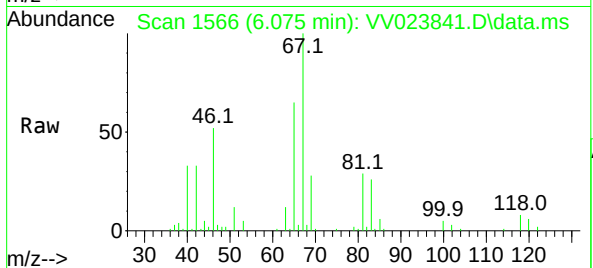
C0CP0

Tgt Ion: 63 Resp: 5481

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.132 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV023841.D

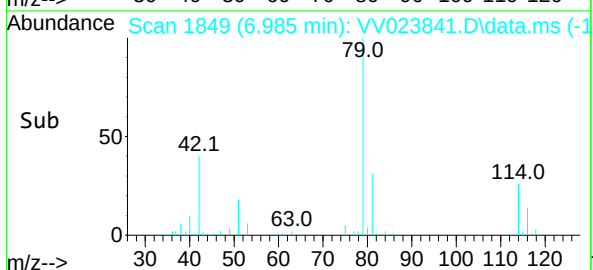
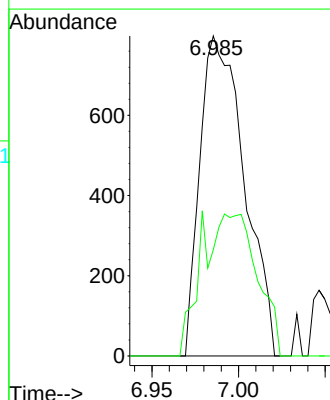
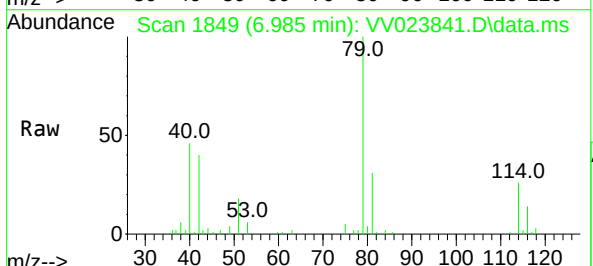
Acq: 08 Dec 2021 16:57

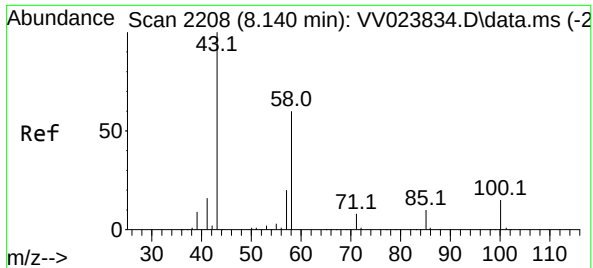
Tgt Ion: 75 Resp: 1424

Ion Ratio Lower Upper

75 100

77 33.2 22.0 41.0

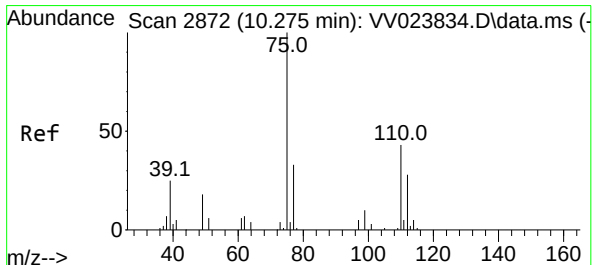
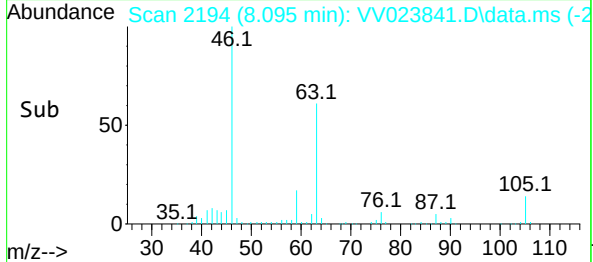
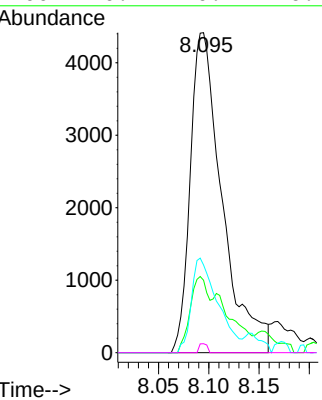
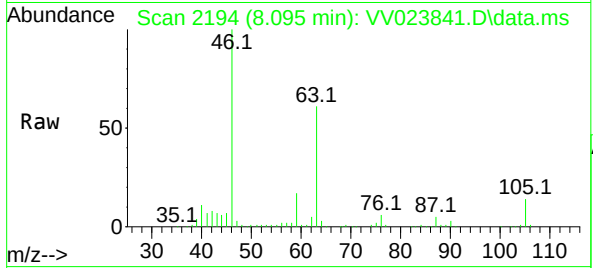




#48
2-Hexanone
Concen: 3.648 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.045 min
Lab File: VV023841.D
Acq: 08 Dec 2021 16:57

Instrument :
MSVOA_V
ClientSampleId :
C0CP0

Tgt Ion: 43	Resp: 9729
Ion Ratio	Lower Upper
43 100	
58 13.6	44.5 66.7#
57 24.9	15.1 22.7#
100 0.7	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 1.427 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV023841.D
Acq: 08 Dec 2021 16:57

Tgt Ion: 75	Resp: 5789
Ion Ratio	Lower Upper
75 100	
77 34.4	26.4 39.6
110 3.1	34.2 51.2#

