

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024047.D
 Acq On : 17 Dec 2021 05:41
 Operator : SY/MD
 Sample : M5133-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 07:44:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

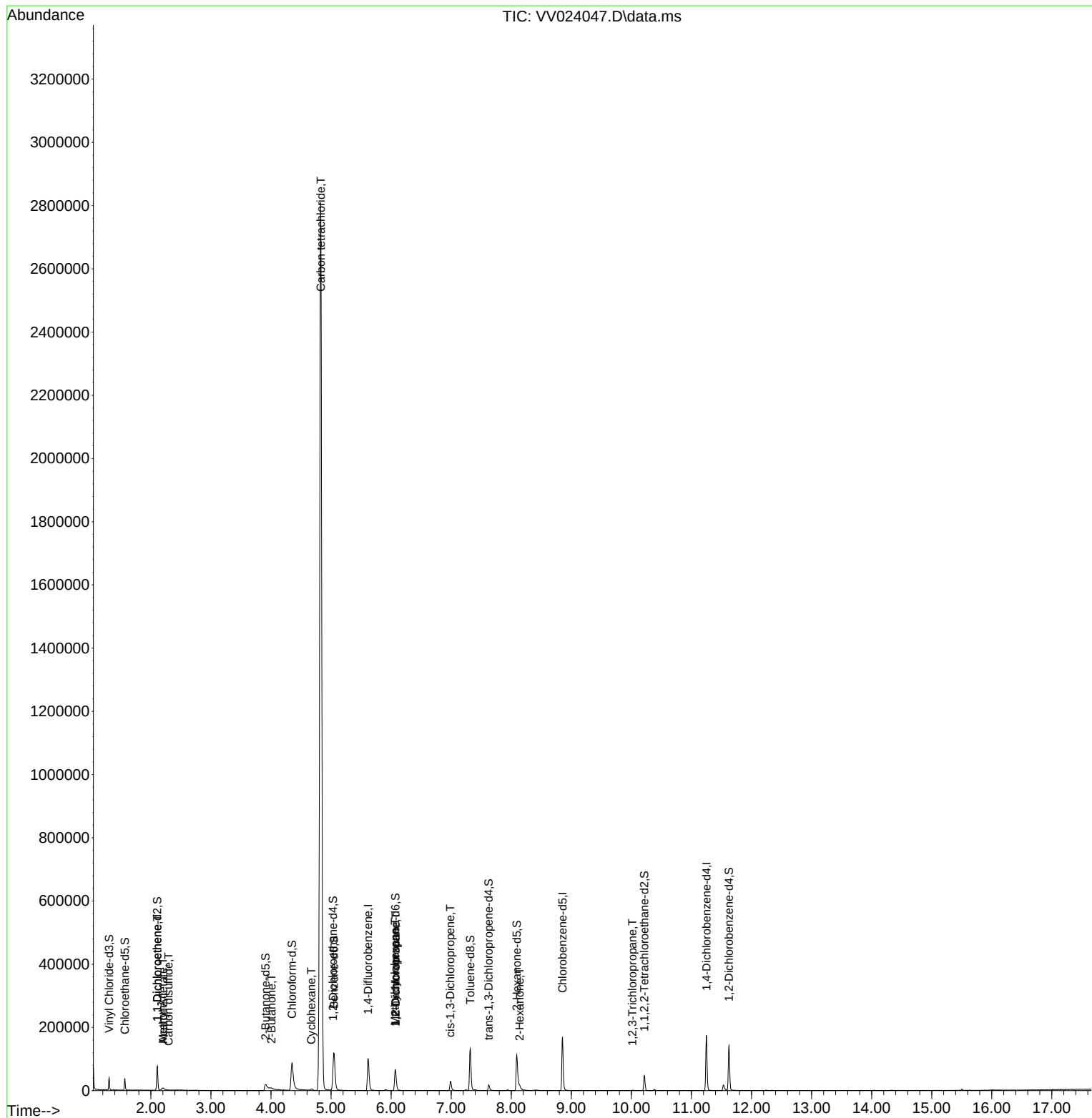
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	92567	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	95562	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47160	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23707	4.764	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.200%	
7) Chloroethane-d5	1.568	69	21006	5.059	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.200%	
11) 1,1-Dichloroethene-d2	2.108	63	37292	3.839	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.800%	
20) 2-Butanone-d5	3.908	46	46050	47.366	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.740%	
24) Chloroform-d	4.349	84	55191	4.896	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	5.034	65	27872	5.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
32) Benzene-d6	5.050	84	104472	5.520	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.400%	
36) 1,2-Dichloropropane-d6	6.072	67	31047	5.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.800%	
41) Toluene-d8	7.317	98	91064	5.344	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.800%	
43) trans-1,3-Dichloroprop...	7.625	79	10419	4.398	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.092	63	42511	40.086	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.180%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21526	4.544	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	36948	5.865	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	424	0.068	ug/L #	1
13) Acetone	2.201	43	17637	22.675	ug/L	71
14) Carbon disulfide	2.294	76	917	0.051	ug/L #	74
15) Methyl Acetate	2.201	43	16071	8.524	ug/L #	50
21) 2-Butanone	4.008	43	7361	6.623	ug/L #	64
30) Cyclohexane	4.670	56	2203	0.222	ug/L #	21
31) Carbon tetrachloride	4.828	117	2023111	172.144	ug/L	99
35) Methylcyclohexane	6.066	83	8202	0.731	ug/L #	18
37) 1,2-Dichloropropane	6.076	63	3883	0.604	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	914	0.096	ug/L #	76
48) 2-Hexanone	8.140	43	3623	1.619	ug/L #	58
61) 1,2,3-Trichloropropane	10.014	75	597	0.186	ug/L #	37

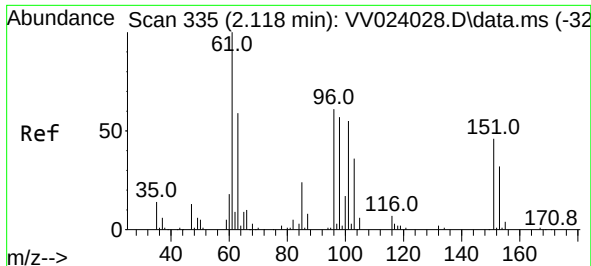
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

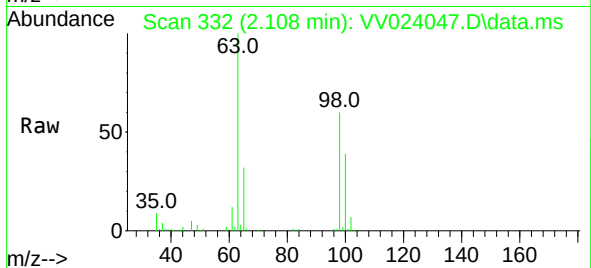
Lab File: VV024047.D

Acq: 17 Dec 2021 05:41

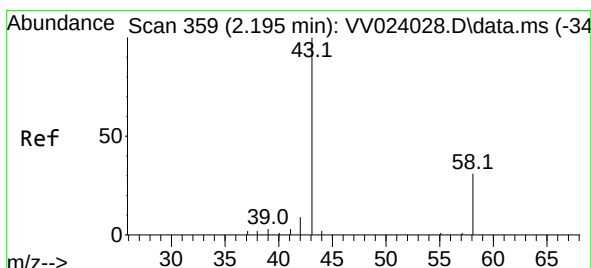
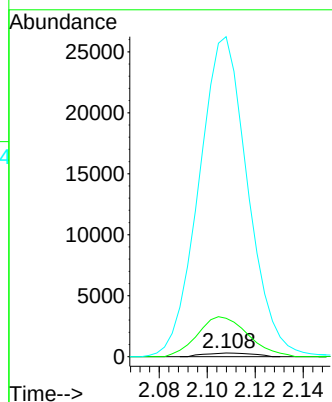
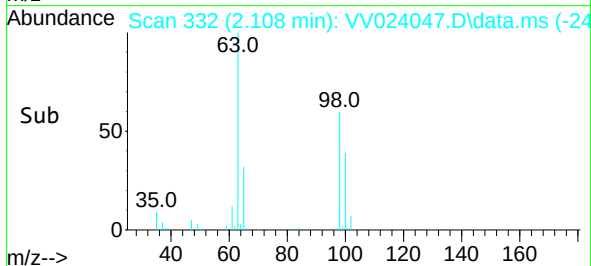
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 96	Resp: 424
Ion Ratio	Lower Upper
96	100
61	1064.2 116.1 215.5#
63	8864.9 79.4 147.4#



#13

Acetone

Concen: 22.675 ug/L

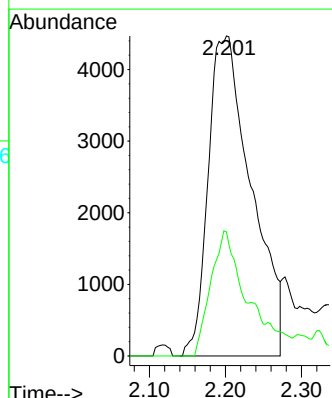
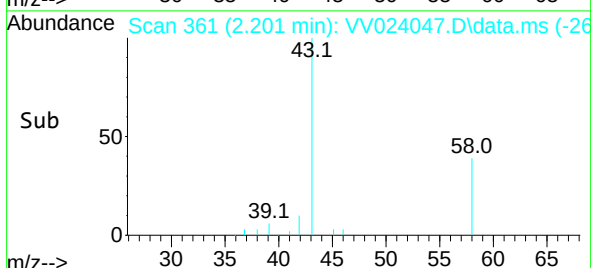
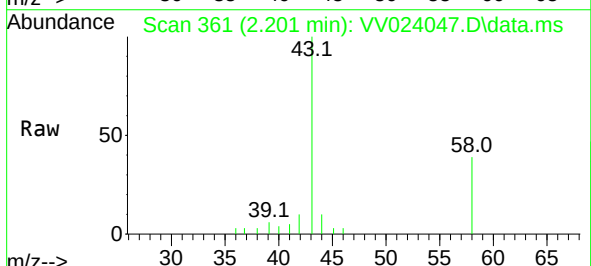
RT: 2.201 min Scan# 361

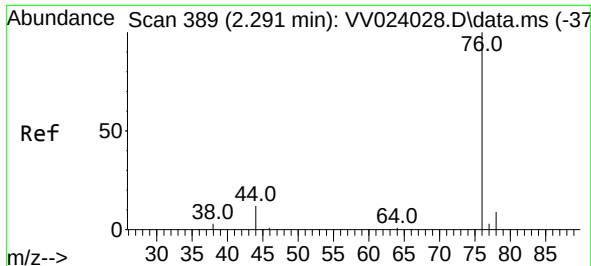
Delta R.T. 0.003 min

Lab File: VV024047.D

Acq: 17 Dec 2021 05:41

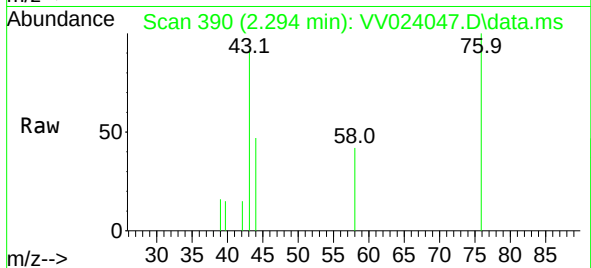
Tgt Ion: 43	Resp: 17637
Ion Ratio	Lower Upper
43	100
58	34.2 0.0 41.4



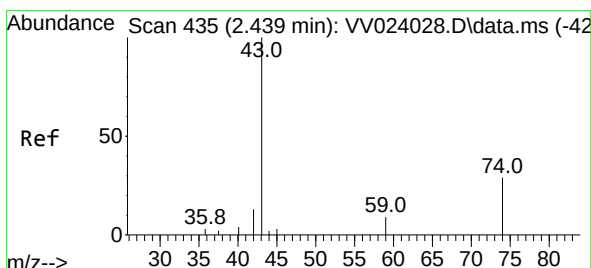
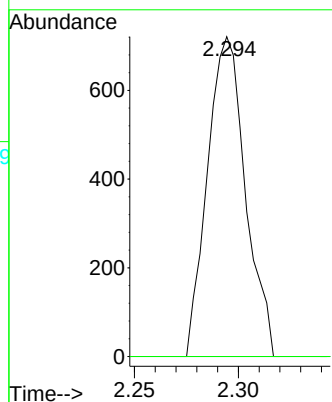
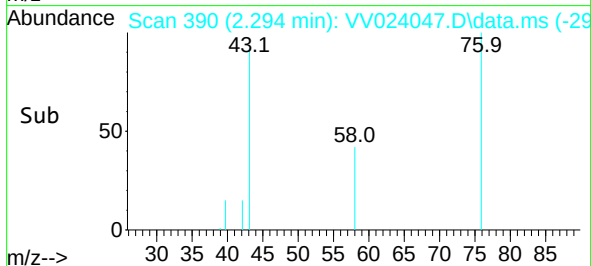


#14
Carbon disulfide
Concen: 0.051 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV024047.D
Acq: 17 Dec 2021 05:41

Instrument :
MSVOA_V
ClientSampleId :

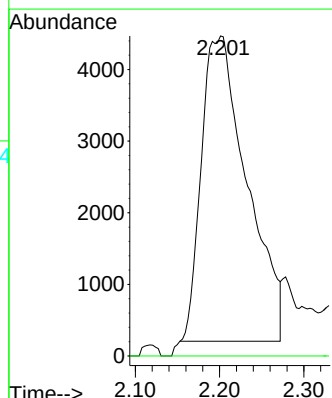
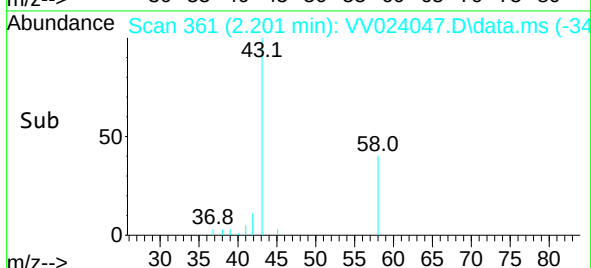
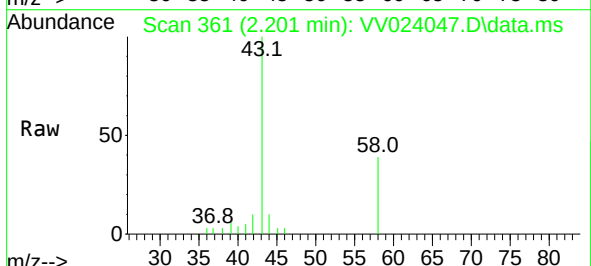


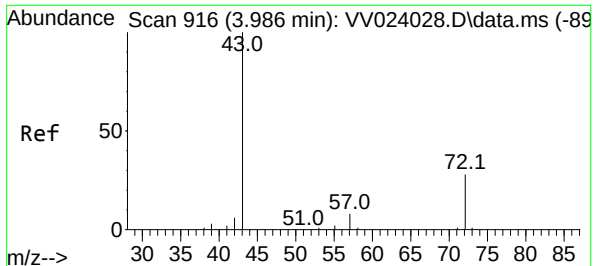
Tgt Ion: 76 Resp: 917
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#15
Methyl Acetate
Concen: 8.524 ug/L
RT: 2.201 min Scan# 361
Delta R.T. -0.244 min
Lab File: VV024047.D
Acq: 17 Dec 2021 05:41

Tgt Ion: 43 Resp: 16071
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#

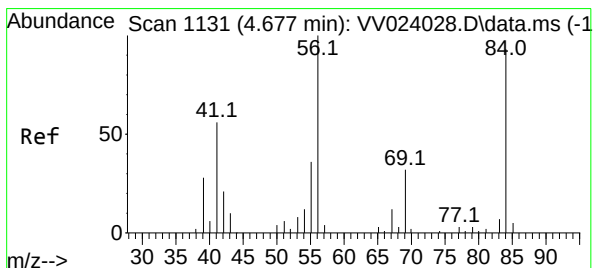
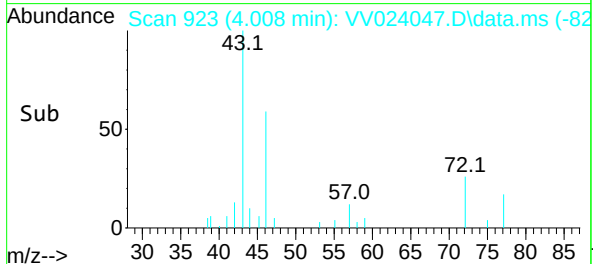
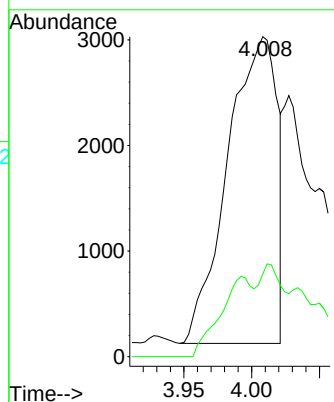
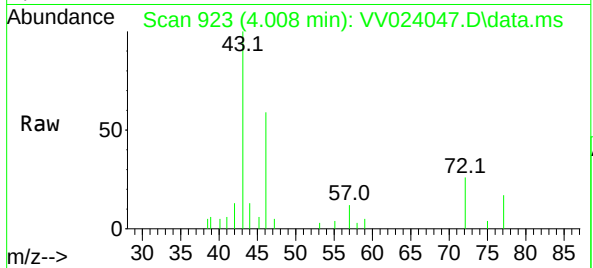




#21
2-Butanone
Concen: 6.623 ug/L
RT: 4.008 min Scan# 916
Delta R.T. 0.019 min
Lab File: VV024047.D
Acq: 17 Dec 2021 05:41

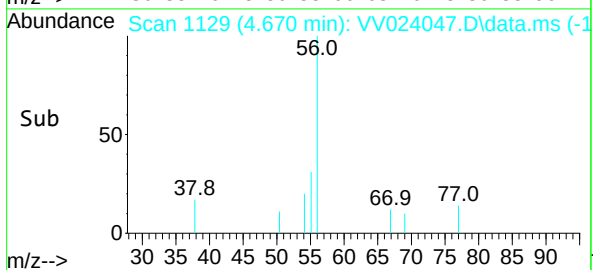
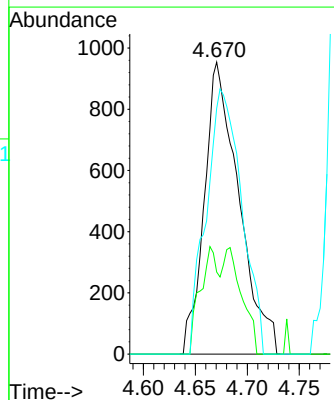
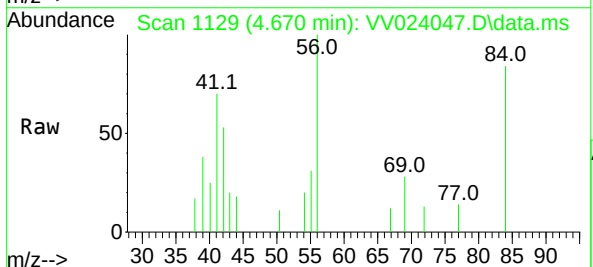
Instrument :
MSVOA_V
ClientSampleId :

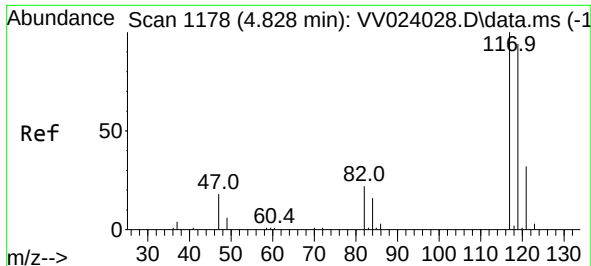
Tgt Ion: 43 Resp: 7361
Ion Ratio Lower Upper
43 100
72 5.0 11.1 33.1#



#30
Cyclohexane
Concen: 0.222 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VV024047.D
Acq: 17 Dec 2021 05:41

Tgt Ion: 56 Resp: 2203
Ion Ratio Lower Upper
56 100
69 19.7 24.8 37.2#
84 0.0 75.9 113.9#

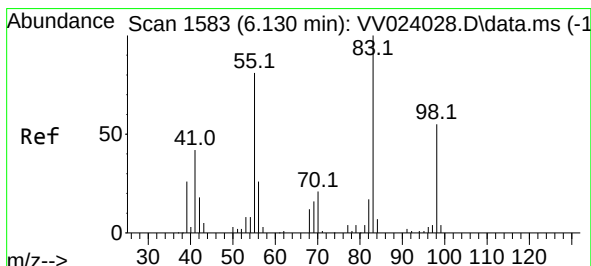
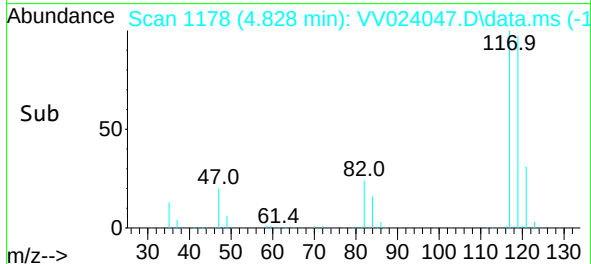
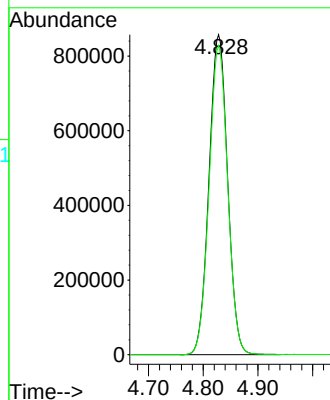
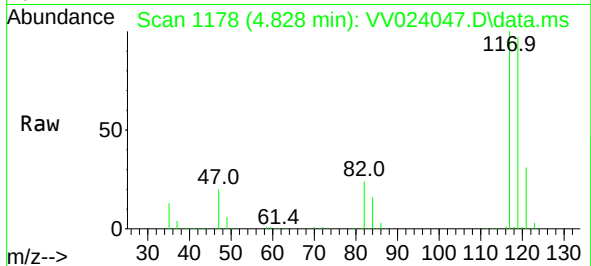




#31
Carbon tetrachloride
Concen: 172.144 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV024047.D
Acq: 17 Dec 2021 05:41

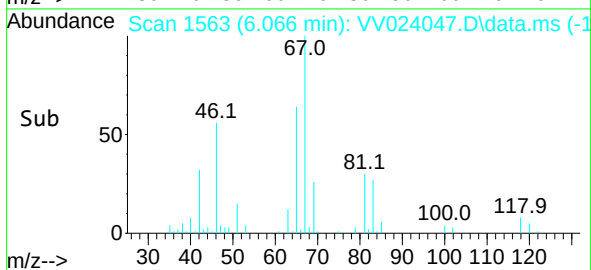
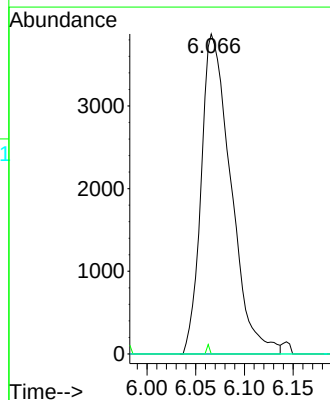
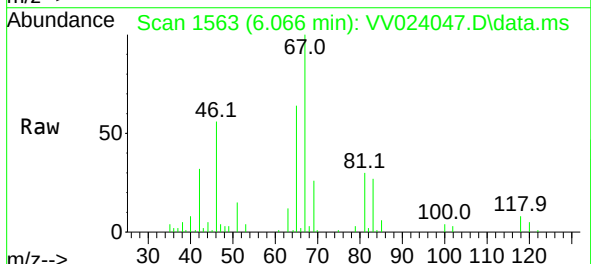
Instrument :
MSVOA_V
ClientSampleId :

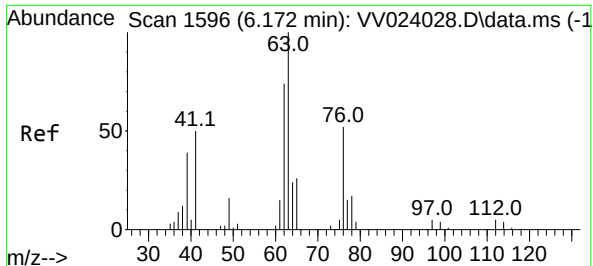
Tgt Ion:117 Resp: 2023111
Ion Ratio Lower Upper
117 100
119 96.6 76.6 114.8



#35
Methylcyclohexane
Concen: 0.731 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV024047.D
Acq: 17 Dec 2021 05:41

Tgt Ion: 83 Resp: 8202
Ion Ratio Lower Upper
83 100
55 0.3 60.2 90.2#
98 0.0 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV024047.D

Acq: 17 Dec 2021 05:41

Instrument :

MSVOA_V

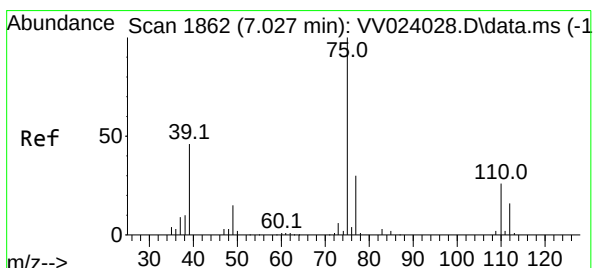
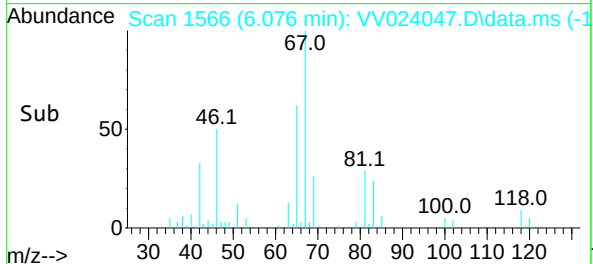
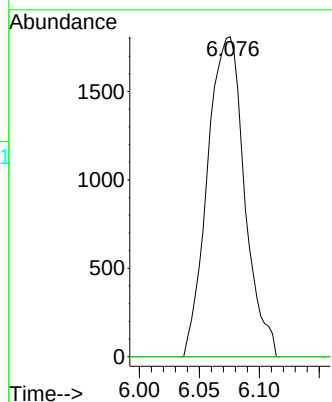
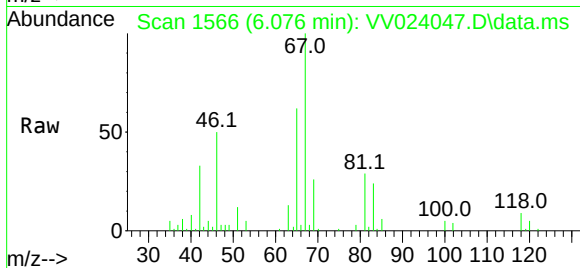
ClientSampleId :

Tgt Ion: 63 Resp: 3883

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV024047.D

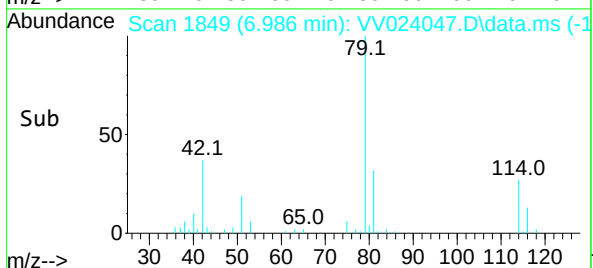
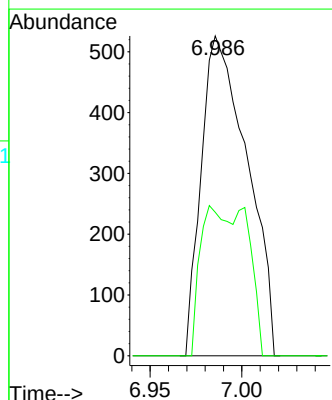
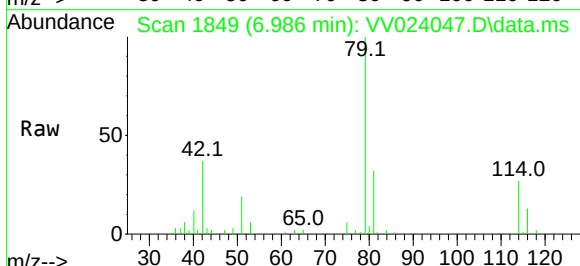
Acq: 17 Dec 2021 05:41

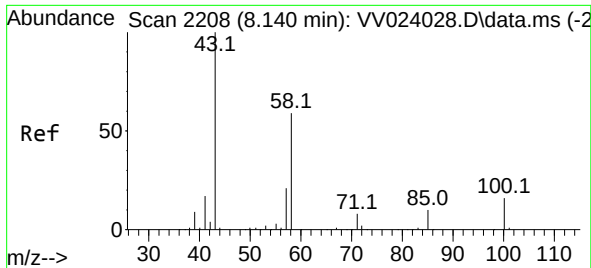
Tgt Ion: 75 Resp: 914

Ion Ratio Lower Upper

75 100

77 44.9 22.0 41.0#

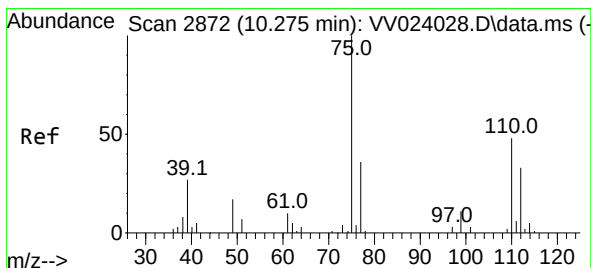
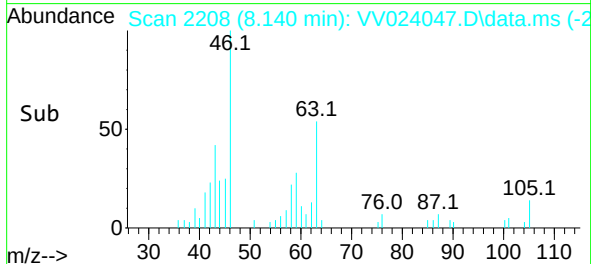
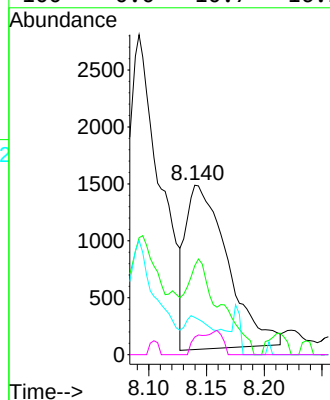
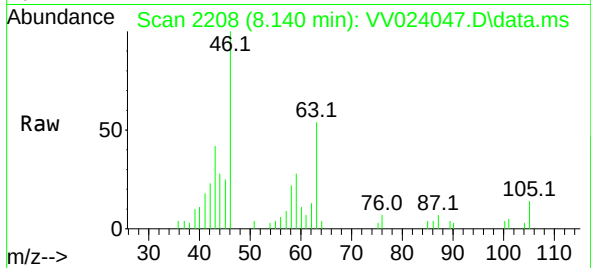




#48
2-Hexanone
Concen: 1.619 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024047.D
Acq: 17 Dec 2021 05:41

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Tgt Ion:	43	Resp:	3623
Ion	Ratio	Lower	Upper
43	100		
58	15.1	44.5	66.7#
57	14.7	15.1	22.7#
100	0.0	10.7	16.1#



#61
1,2,3-Trichloropropane
Concen: 0.186 ug/L
RT: 10.014 min Scan# 2791
Delta R.T. -0.257 min
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Tgt Ion:	75	Resp:	597
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.4	39.6#
110	0.0	34.2	51.2#

