

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024048.D
 Acq On : 17 Dec 2021 06:05
 Operator : SY/MD
 Sample : M5133-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 07:44:58 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)

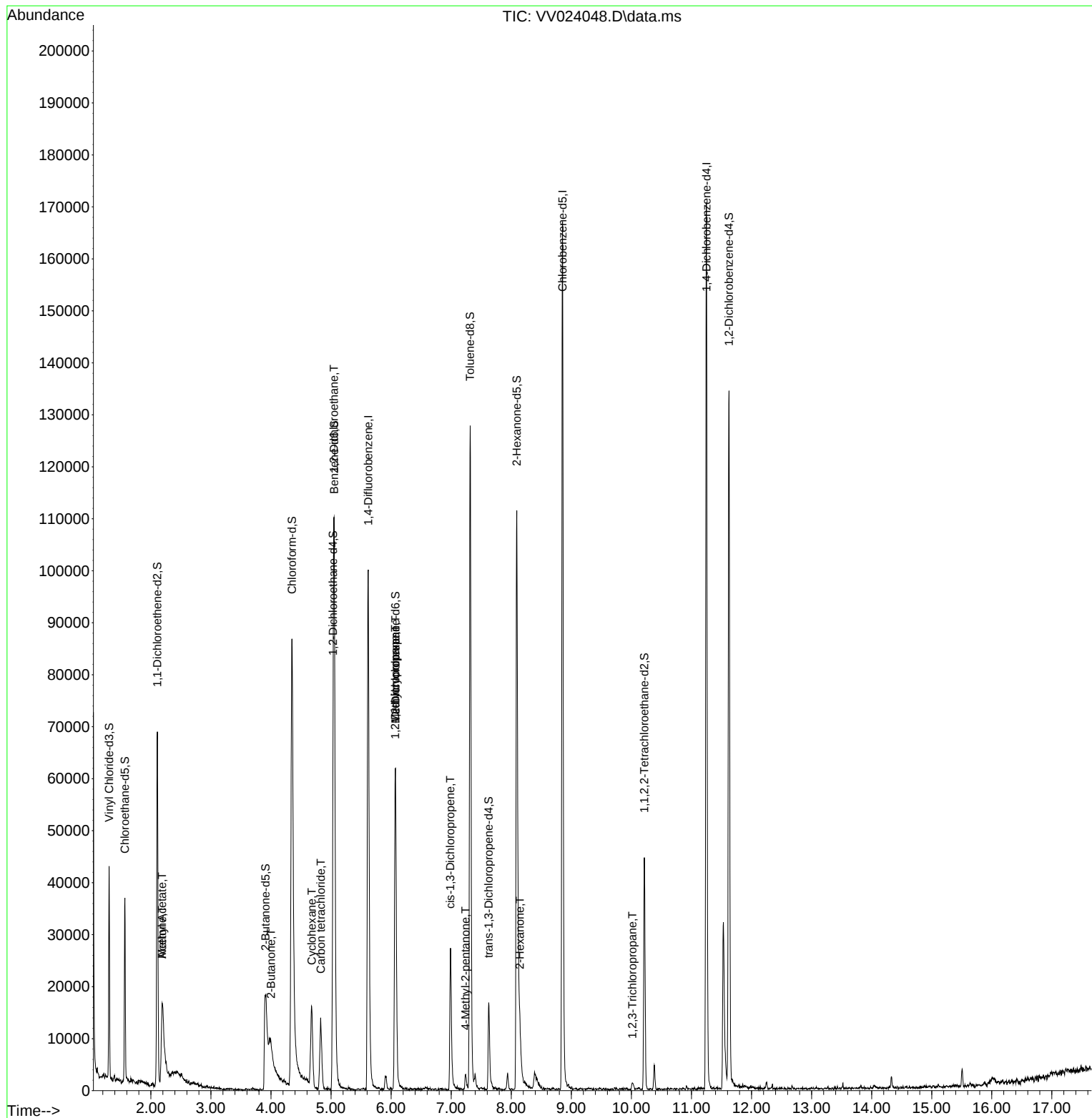
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	88574	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	94800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	46625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23358	4.905	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.200%	
7) Chloroethane-d5	1.568	69	20431	5.143	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.800%	
11) 1,1-Dichloroethene-d2	2.108	63	35207	3.788	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	3.909	46	45211	48.599	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.200%	
24) Chloroform-d	4.349	84	54602	5.062	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.034	65	26540	5.285	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	5.053	84	99980	5.325	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.400%	
36) 1,2-Dichloropropane-d6	6.072	67	29359	5.183	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.600%	
41) Toluene-d8	7.317	98	85266	5.044	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
43) trans-1,3-Dichloroprop...	7.625	79	10318	4.390	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.092	63	41204	39.165	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.340%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20663	4.397	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	36327	5.833	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	116.600%	
Target Compounds						
					Qvalue	
13) Acetone	2.188	43	37380	50.224	ug/L	76
15) Methyl Acetate	2.188	43	34880	19.335	ug/L #	50
21) 2-Butanone	4.002	43	12864	12.097	ug/L	94
27) 1,2-Dichloroethane	5.050	62	717	0.101	ug/L #	73
30) Cyclohexane	4.680	56	7224	0.734	ug/L	95
31) Carbon tetrachloride	4.828	117	9450	0.811	ug/L	97
35) Methylcyclohexane	6.072	83	7894	0.709	ug/L #	23
37) 1,2-Dichloropropane	6.066	63	3414	0.536	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	767	0.081	ug/L #	54
40) 4-Methyl-2-pentanone	7.240	43	2255	0.736	ug/L #	88
48) 2-Hexanone	8.143	43	3657	1.647	ug/L #	70
61) 1,2,3-Trichloropropane	10.014	75	704	0.222	ug/L #	37

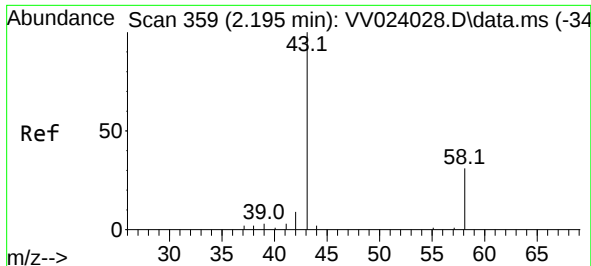
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 50.224 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.010 min

Lab File: VV024048.D

Acq: 17 Dec 2021 06:05

Instrument :

MSVOA_V

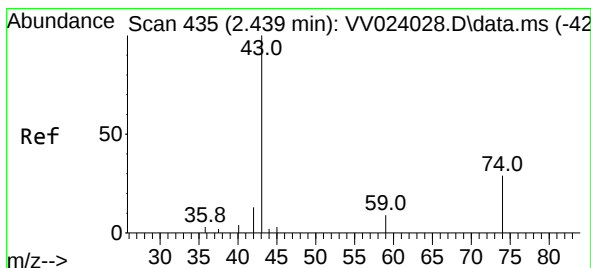
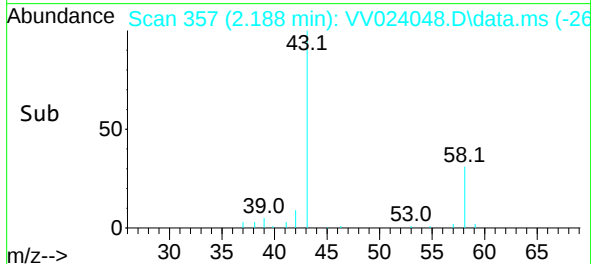
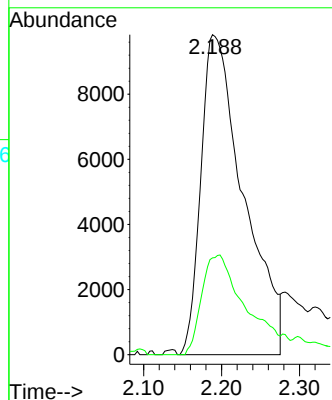
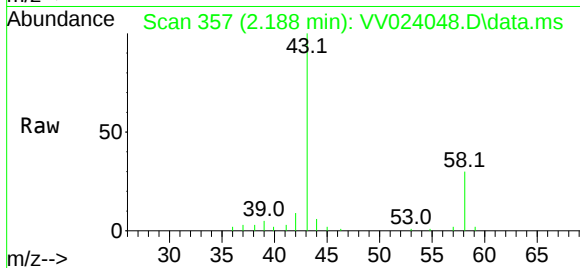
ClientSampleId :

Tgt Ion: 43 Resp: 37380

Ion Ratio Lower Upper

43 100

58 31.7 0.0 41.4



#15

Methyl Acetate

Concen: 19.335 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.257 min

Lab File: VV024048.D

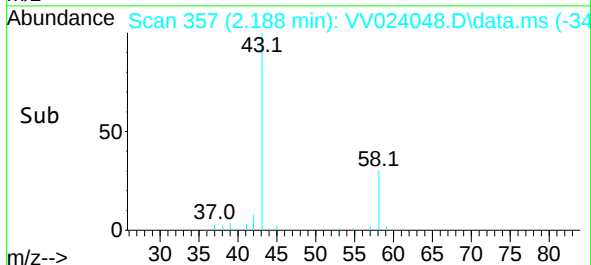
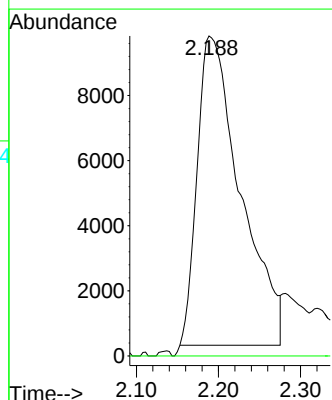
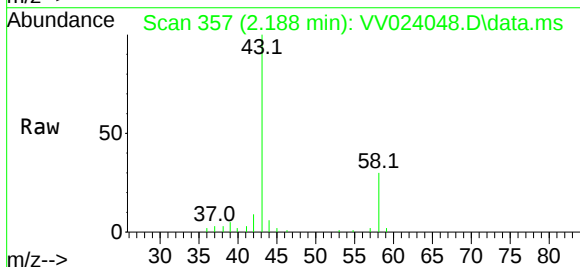
Acq: 17 Dec 2021 06:05

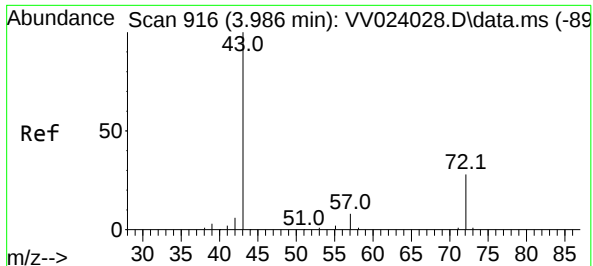
Tgt Ion: 43 Resp: 34880

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#

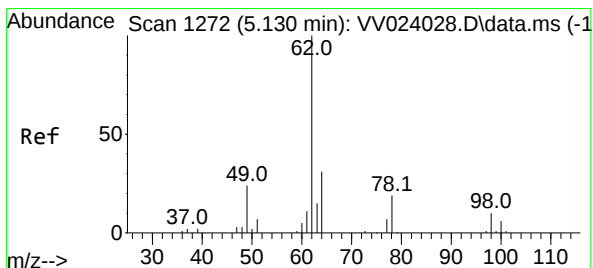
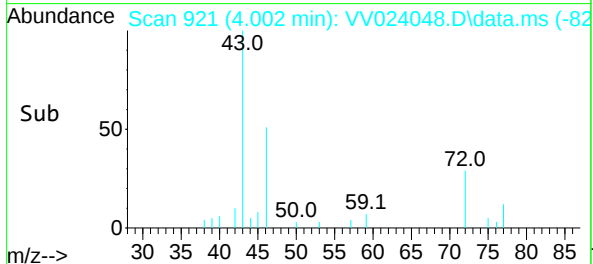
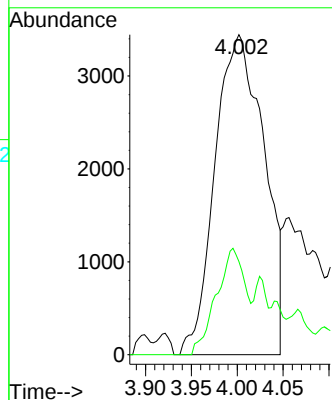
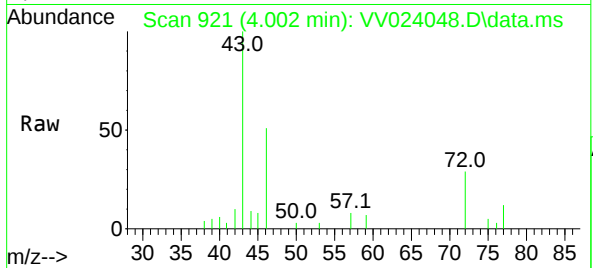




#21
2-Butanone
Concen: 12.097 ug/L
RT: 4.002 min Scan# 916
Delta R.T. 0.013 min
Lab File: VV024048.D
Acq: 17 Dec 2021 06:05

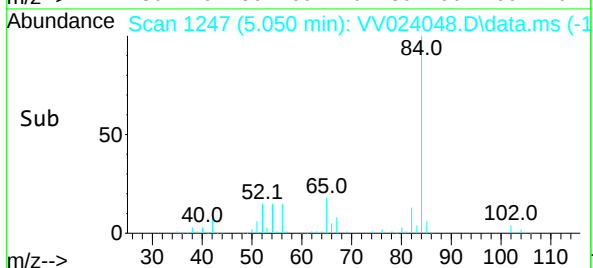
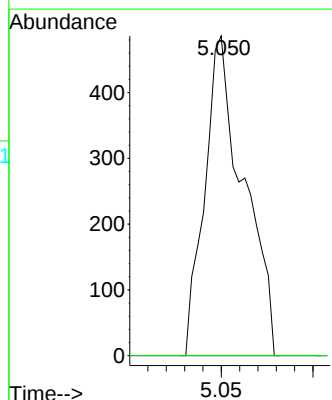
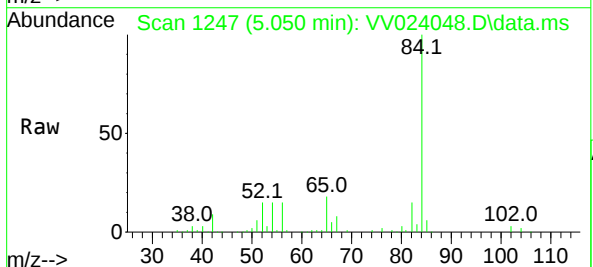
Instrument :
MSVOA_V
ClientSampleId :

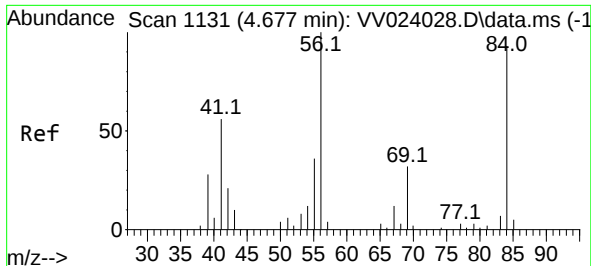
Tgt Ion: 43 Resp: 12864
Ion Ratio Lower Upper
43 100
72 19.4 11.1 33.1



#27
1,2-Dichloroethane
Concen: 0.101 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV024048.D
Acq: 17 Dec 2021 06:05

Tgt Ion: 62 Resp: 717
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#

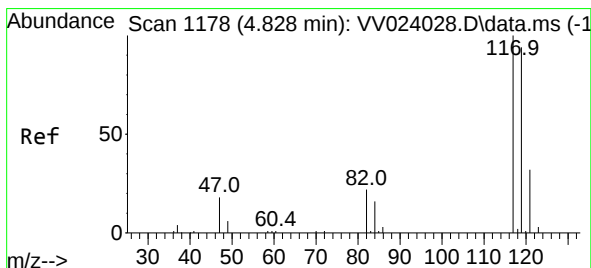
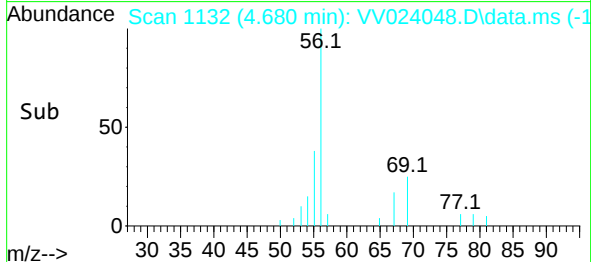
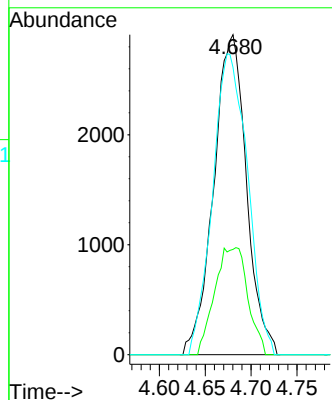
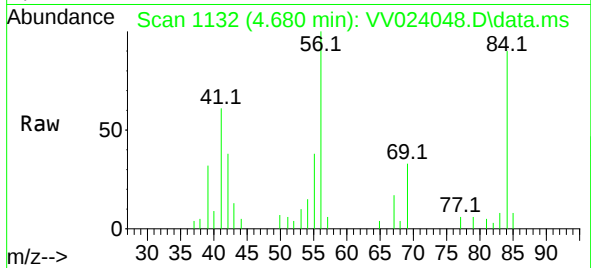




#30
Cyclohexane
Concen: 0.734 ug/L
RT: 4.680 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV024048.D
Acq: 17 Dec 2021 06:05

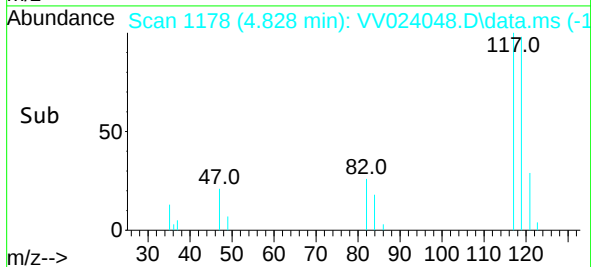
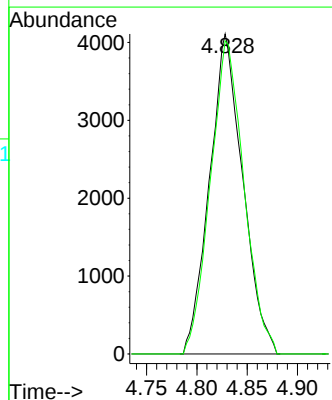
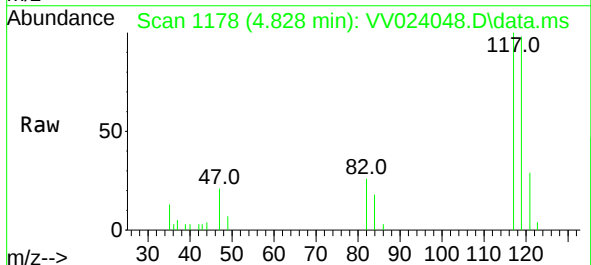
Instrument :
MSVOA_V
ClientSampleId :

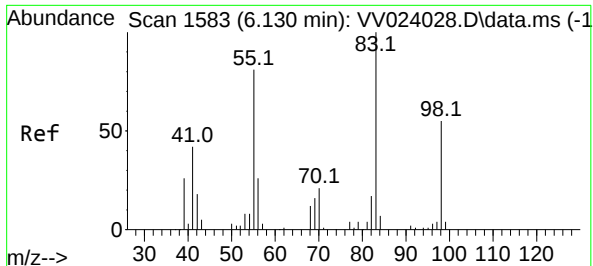
Tgt Ion: 56 Resp: 7224
Ion Ratio Lower Upper
56 100
69 33.8 24.8 37.2
84 100.1 75.9 113.9



#31
Carbon tetrachloride
Concen: 0.811 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV024048.D
Acq: 17 Dec 2021 06:05

Tgt Ion: 117 Resp: 9450
Ion Ratio Lower Upper
117 100
119 98.8 76.6 114.8





#35

Methylcyclohexane

Concen: 0.709 ug/L

RT: 6.072 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV024048.D

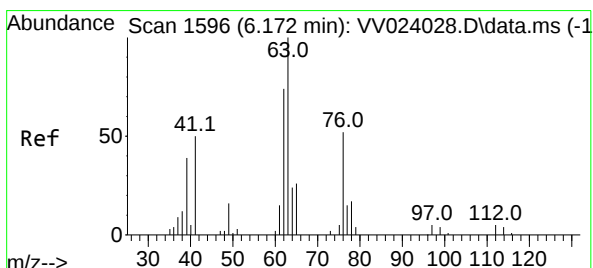
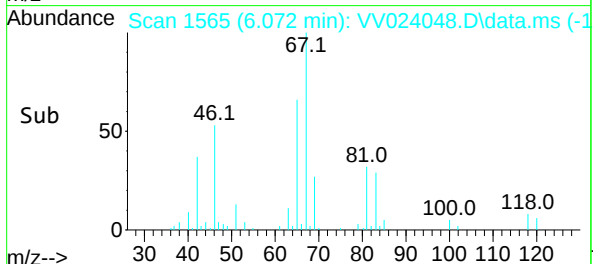
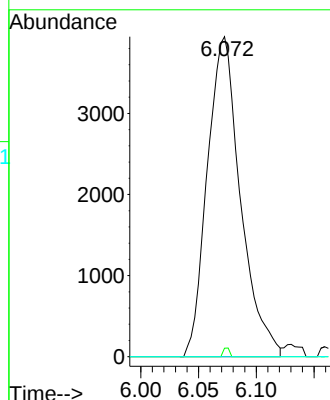
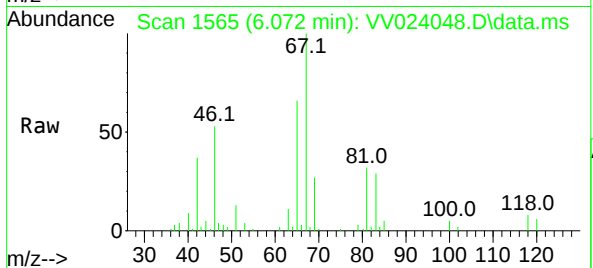
Acq: 17 Dec 2021 06:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 7894
Ion Ratio	Lower Upper
83	100
55	0.5 60.2 90.2#
98	8.2 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.536 ug/L

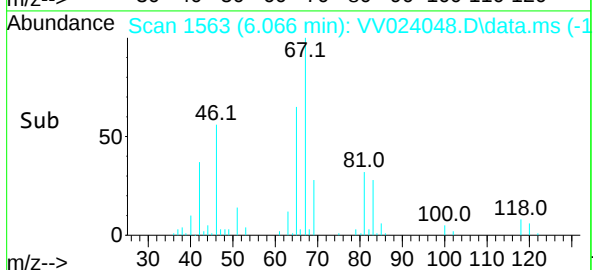
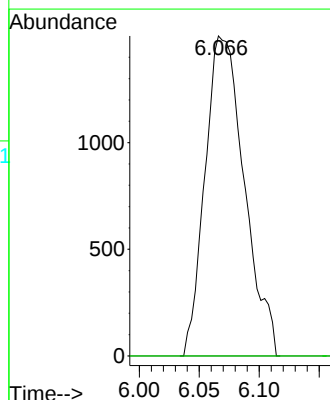
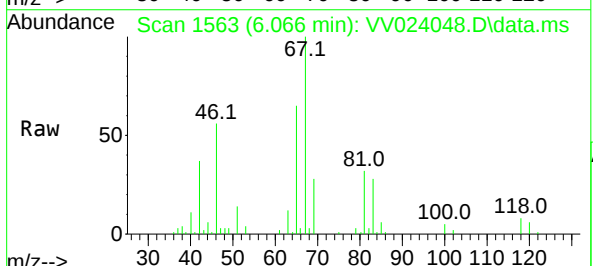
RT: 6.066 min Scan# 1563

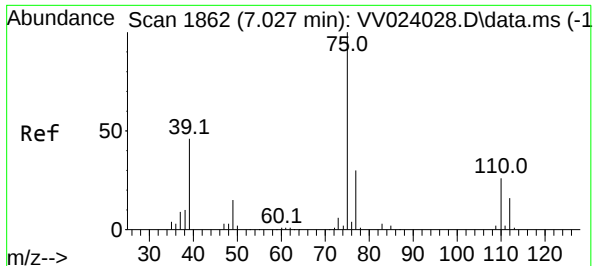
Delta R.T. -0.106 min

Lab File: VV024048.D

Acq: 17 Dec 2021 06:05

Tgt Ion: 63	Resp: 3414
Ion Ratio	Lower Upper
63	100
112	0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV024048.D

Acq: 17 Dec 2021 06:05

Instrument :

MSVOA_V

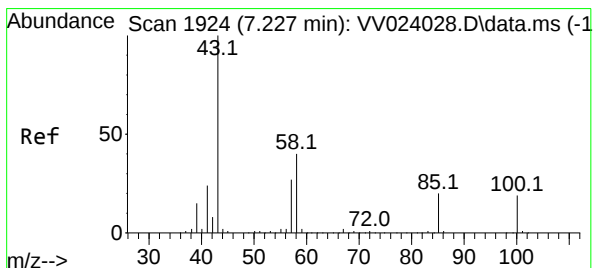
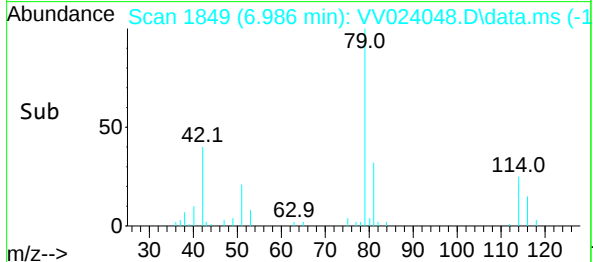
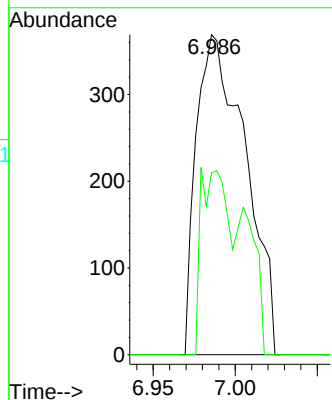
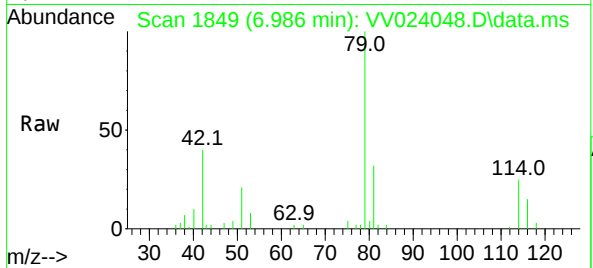
ClientSampleId :

Tgt Ion: 75 Resp: 767

Ion Ratio Lower Upper

75 100

77 56.9 22.0 41.0#



#40

4-Methyl-2-pentanone

Concen: 0.736 ug/L

RT: 7.240 min Scan# 1928

Delta R.T. 0.013 min

Lab File: VV024048.D

Acq: 17 Dec 2021 06:05

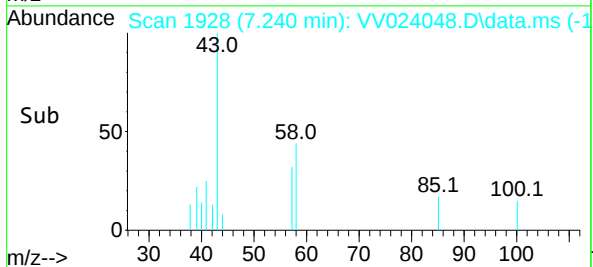
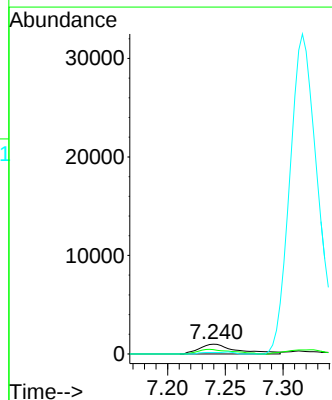
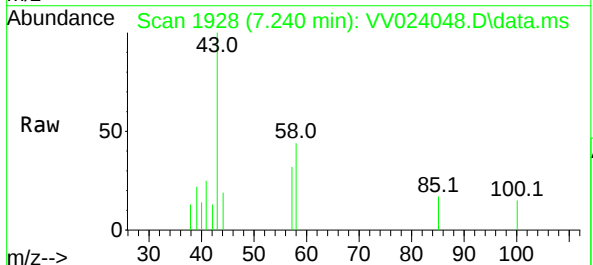
Tgt Ion: 43 Resp: 2255

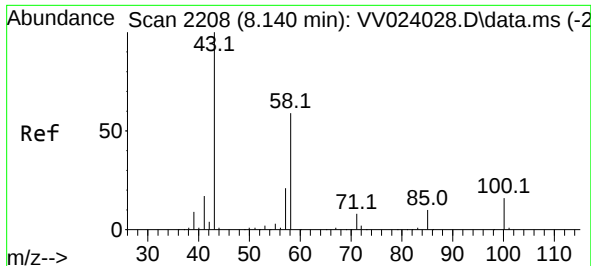
Ion Ratio Lower Upper

43 100

58 41.2 32.3 48.5

100 0.0 13.0 19.6#





#48

2-Hexanone

Concen: 1.647 ug/L

RT: 8.143 min Scan# 21

Delta R.T. 0.003 min

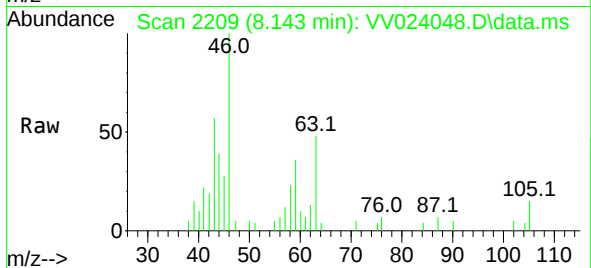
Lab File: VV024048.D

Acq: 17 Dec 2021 06:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 3657

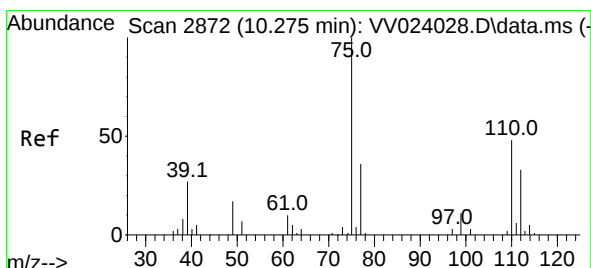
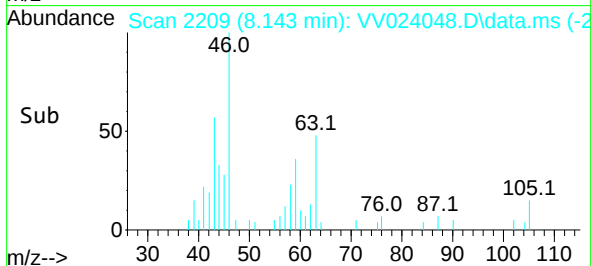
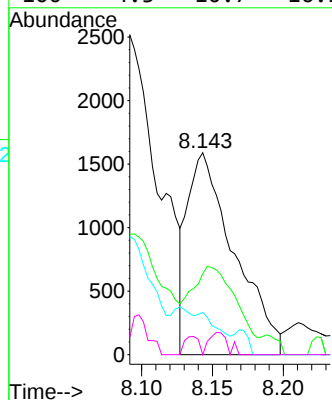
Ion Ratio Lower Upper

43 100

58 33.7 44.5 66.7#

57 3.6 15.1 22.7#

100 4.3 10.7 16.1#



#61

1,2,3-Trichloropropane

Concen: 0.222 ug/L

RT: 10.014 min Scan# 2791

Delta R.T. -0.257 min

Lab File: VV024048.D

Acq: 17 Dec 2021 06:05

Tgt Ion: 75 Resp: 704

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

110 0.0 34.2 51.2#

