

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024046.D
 Acq On : 17 Dec 2021 05:17
 Operator : SY/MD
 Sample : M5133-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 07:44:42 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)

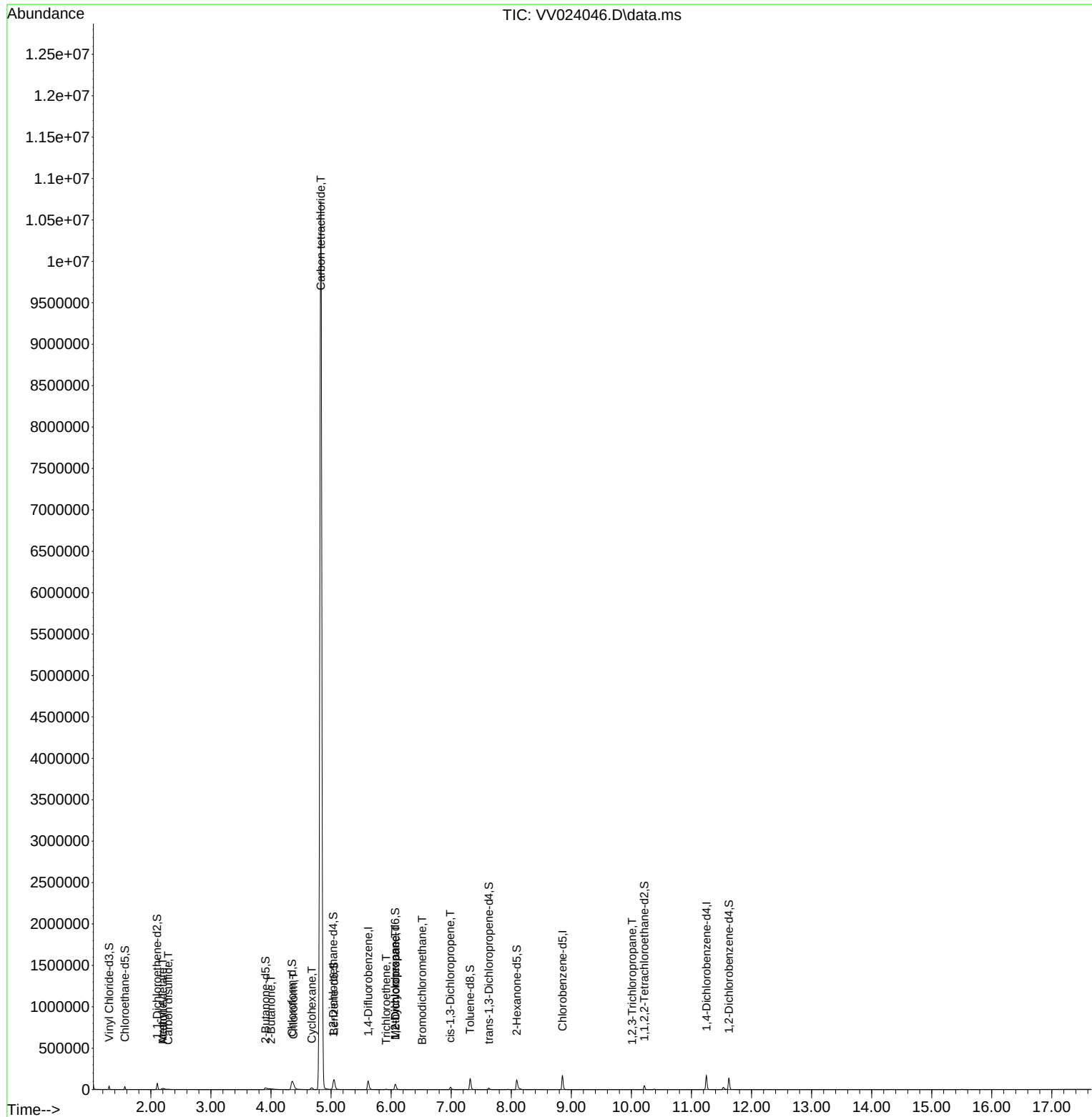
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	91765	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	97444	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23970	4.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.568	69	20638	5.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.105	63	36539	3.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.909	46	52671	54.649	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.300%
24) Chloroform-d	4.349	84	55856	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.037	65	29514	5.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.400%
32) Benzene-d6	5.050	84	104357	5.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
36) 1,2-Dichloropropane-d6	6.069	67	30076	5.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.317	98	88119	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	7.629	79	10821	4.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.092	63	42402	39.211	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21514	4.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	37320	5.940	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.800%
Target Compounds						
					Qvalue	
13) Acetone	2.198	43	34920	45.287	ug/L	86
14) Carbon disulfide	2.291	76	2963	0.166	ug/L #	93
15) Methyl Acetate	2.198	43	32815	17.558	ug/L #	50
21) 2-Butanone	4.002	43	17449	15.838	ug/L #	60
25) Chloroform	4.375	83	34516	2.538	ug/L	95
30) Cyclohexane	4.677	56	11154	1.103	ug/L #	22
31) Carbon tetrachloride	4.831	117	7635063	637.110	ug/L	99
34) Trichloroethene	5.915	95	696	0.090	ug/L	89
35) Methylcyclohexane	6.069	83	8254	0.721	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	3985	0.608	ug/L #	84
38) Bromodichloromethane	6.516	83	831	0.090	ug/L #	80
39) cis-1,3-Dichloropropene	6.986	75	973	0.100	ug/L	90
61) 1,2,3-Trichloropropane	10.011	75	958	0.299	ug/L #	37

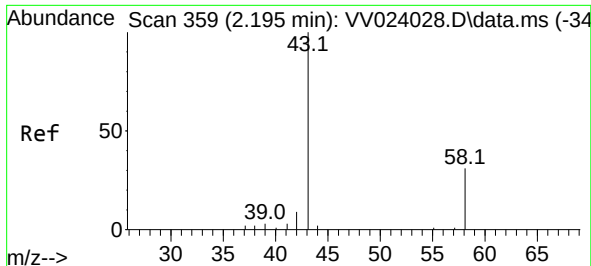
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 45.287 ug/L

RT: 2.198 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV024046.D

Acq: 17 Dec 2021 05:17

Instrument :

MSVOA_V

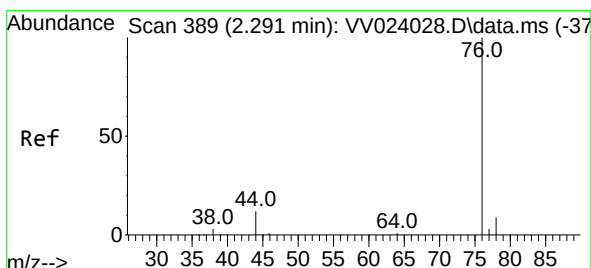
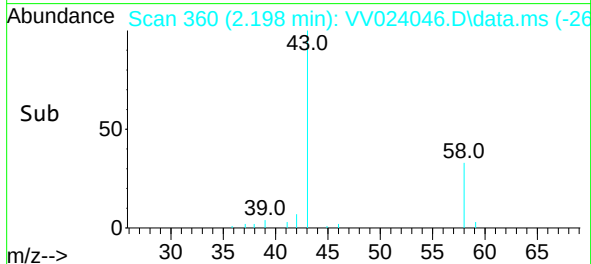
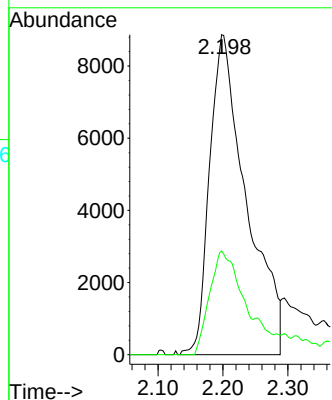
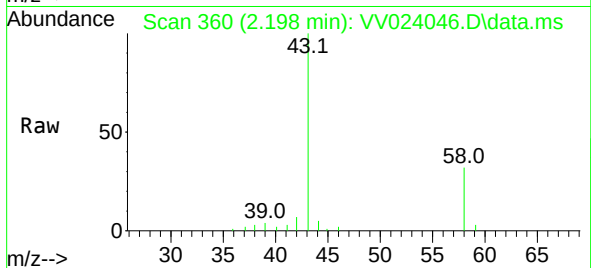
ClientSampleId :

Tgt Ion: 43 Resp: 34920

Ion Ratio Lower Upper

43 100

58 27.3 0.0 41.4



#14

Carbon disulfide

Concen: 0.166 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV024046.D

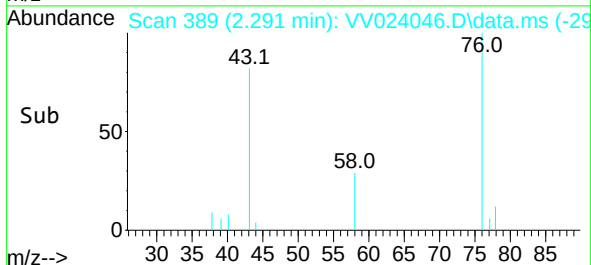
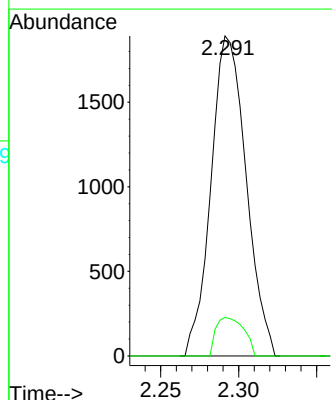
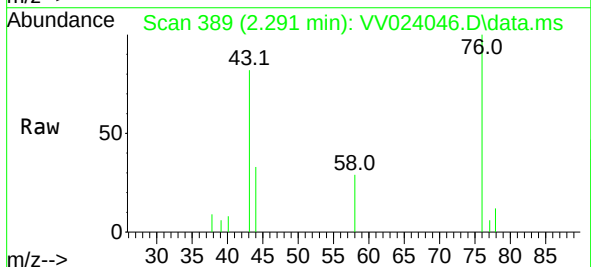
Acq: 17 Dec 2021 05:17

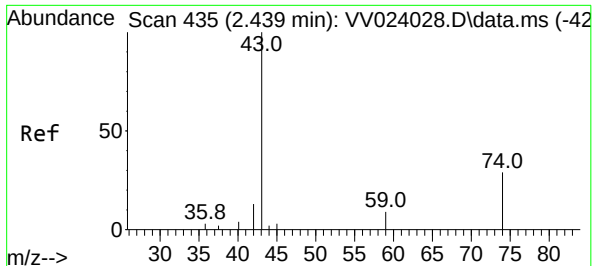
Tgt Ion: 76 Resp: 2963

Ion Ratio Lower Upper

76 100

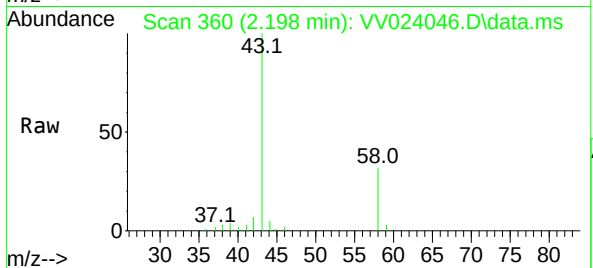
78 12.1 7.5 11.3#



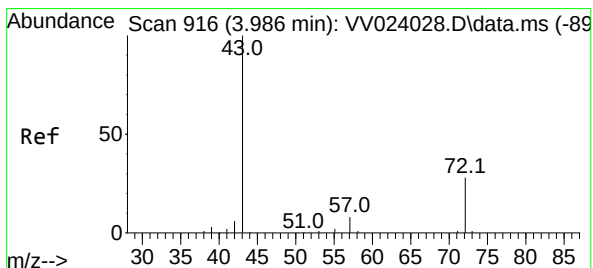
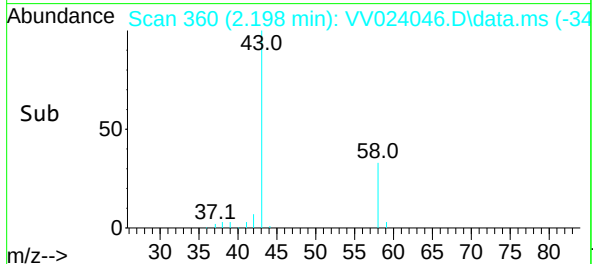
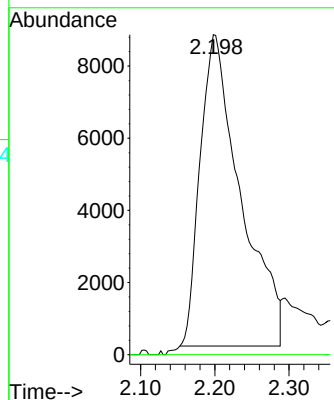


#15
Methyl Acetate
Concen: 17.558 ug/L
RT: 2.198 min Scan# 30
Delta R.T. -0.247 min
Lab File: VV024046.D
Acq: 17 Dec 2021 05:17

Instrument :
MSVOA_V
ClientSampleId :

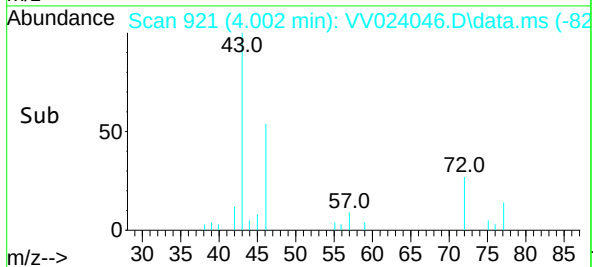
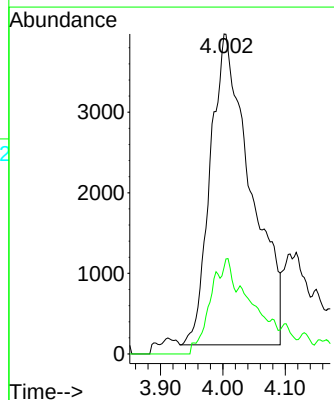
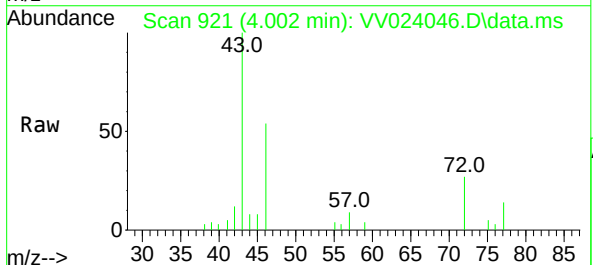


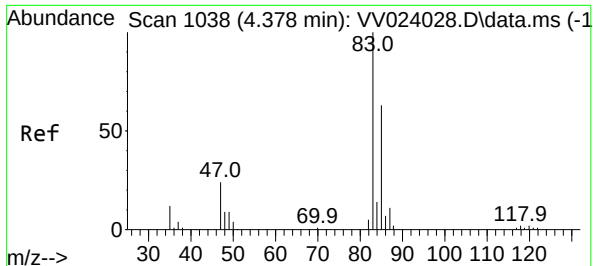
Tgt Ion: 43 Resp: 32815
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#21
2-Butanone
Concen: 15.838 ug/L
RT: 4.002 min Scan# 921
Delta R.T. 0.013 min
Lab File: VV024046.D
Acq: 17 Dec 2021 05:17

Tgt Ion: 43 Resp: 17449
Ion Ratio Lower Upper
43 100
72 3.2 11.1 33.1#





#25

Chloroform

Concen: 2.538 ug/L

RT: 4.375 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV024046.D

Acq: 17 Dec 2021 05:17

Instrument :

MSVOA_V

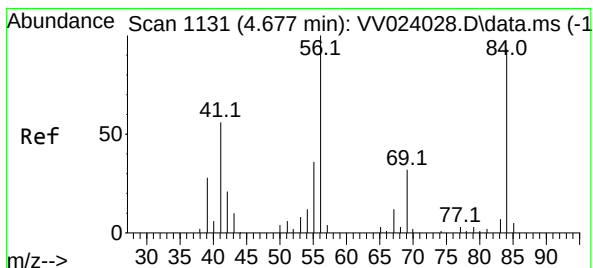
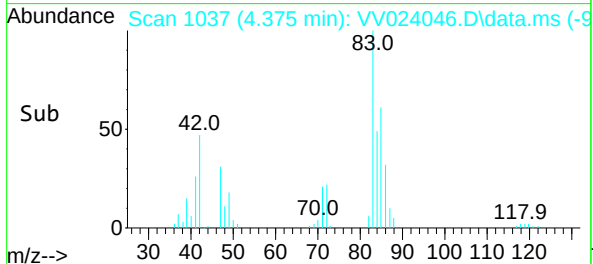
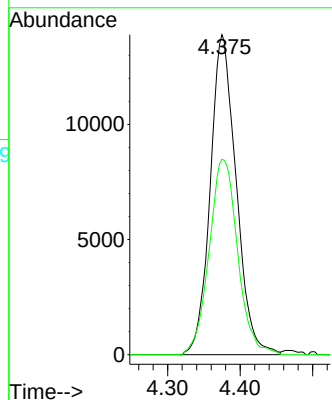
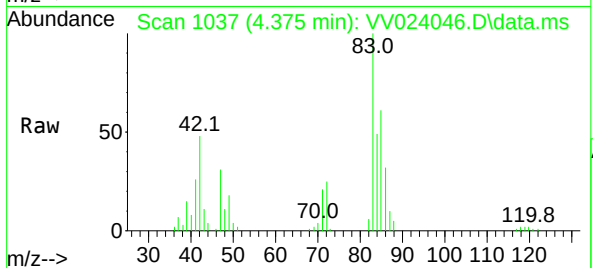
ClientSampleId :

Tgt Ion: 83 Resp: 34516

Ion Ratio Lower Upper

83 100

85 61.0 45.2 84.0



#30

Cyclohexane

Concen: 1.103 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV024046.D

Acq: 17 Dec 2021 05:17

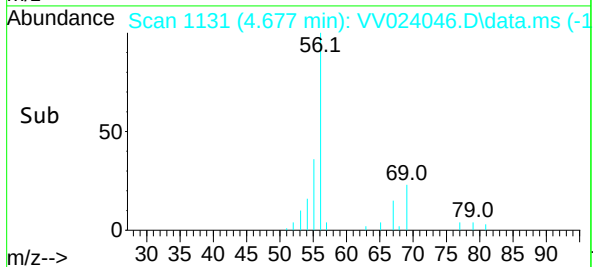
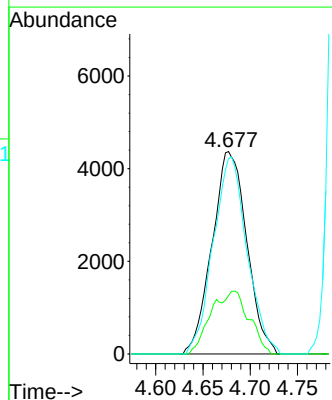
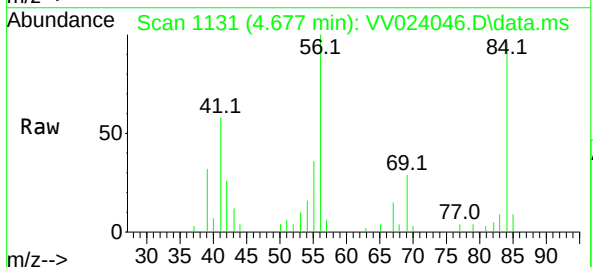
Tgt Ion: 56 Resp: 11154

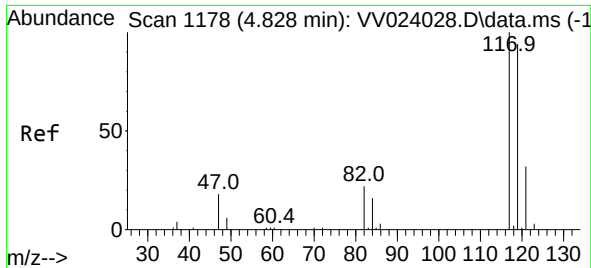
Ion Ratio Lower Upper

56 100

69 21.2 24.8 37.2#

84 0.0 75.9 113.9#

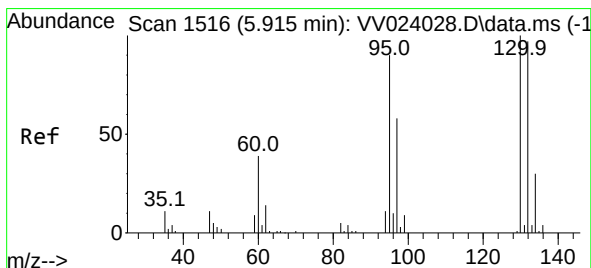
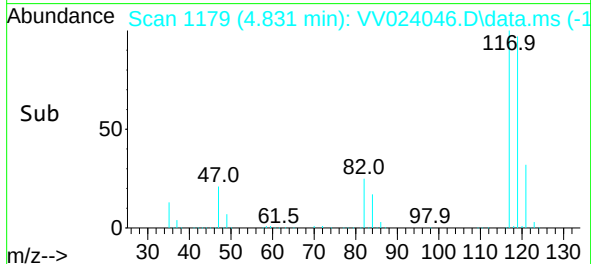
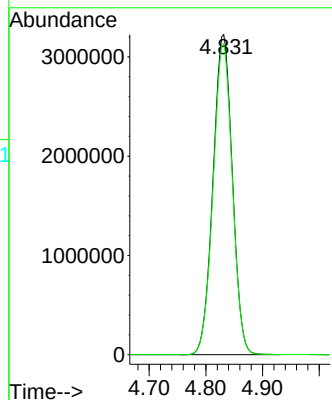
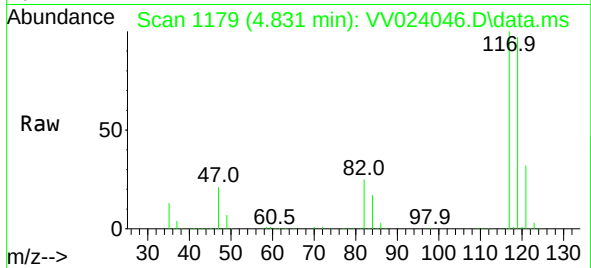




#31
Carbon tetrachloride
Concen: 637.110 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.007 min
Lab File: VV024046.D
Acq: 17 Dec 2021 05:17

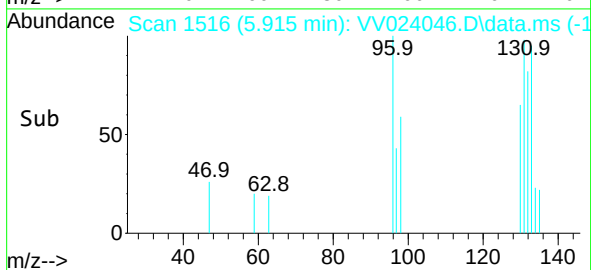
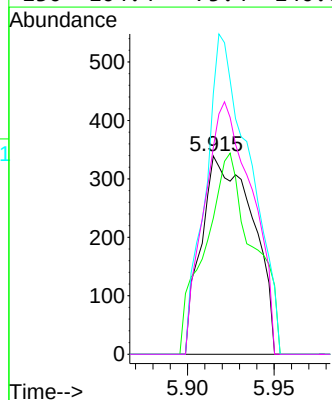
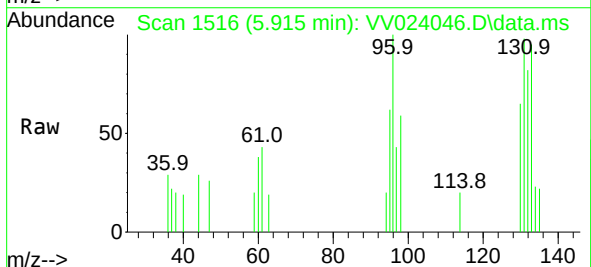
Instrument :
MSVOA_V
ClientSampleId :

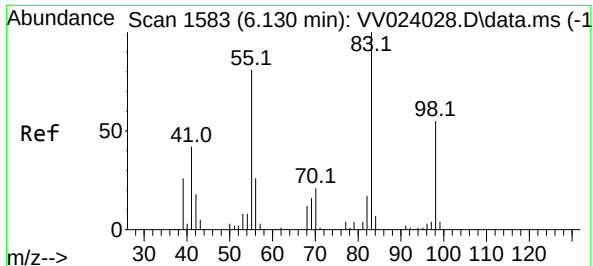
Tgt Ion:117 Resp: 7635063
Ion Ratio Lower Upper
117 100
119 96.7 76.6 114.8



#34
Trichloroethene
Concen: 0.090 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV024046.D
Acq: 17 Dec 2021 05:17

Tgt Ion: 95 Resp: 696
Ion Ratio Lower Upper
95 100
97 68.7 45.2 84.0
132 131.6 76.1 141.3
130 104.4 75.4 140.0





#35

Methylcyclohexane

Concen: 0.721 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV024046.D

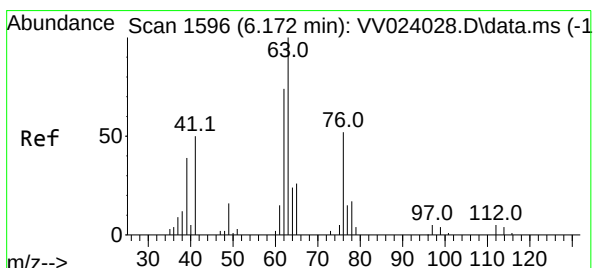
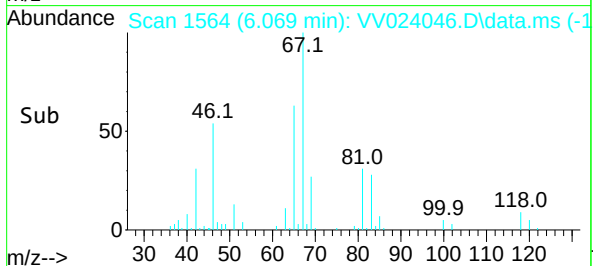
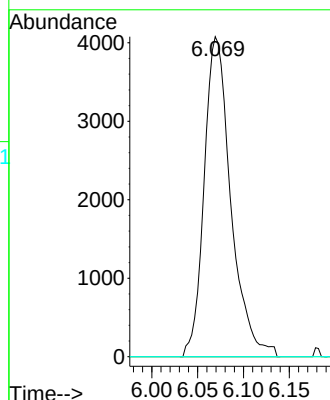
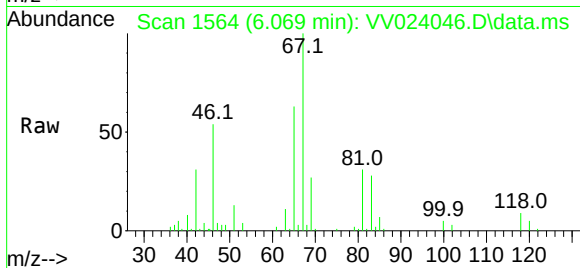
Acq: 17 Dec 2021 05:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 8254
Ion Ratio	Lower Upper
83	100
55	0.5 60.2 90.2#
98	0.0 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.608 ug/L

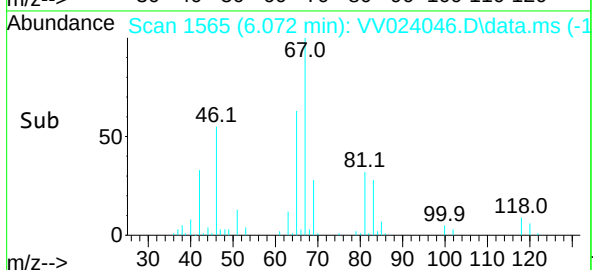
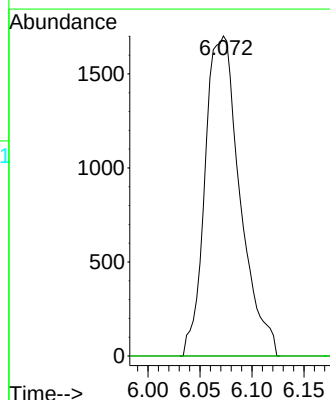
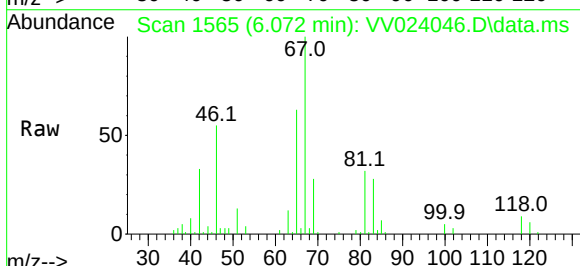
RT: 6.072 min Scan# 1565

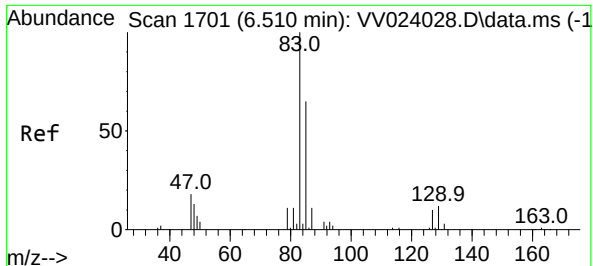
Delta R.T. -0.100 min

Lab File: VV024046.D

Acq: 17 Dec 2021 05:17

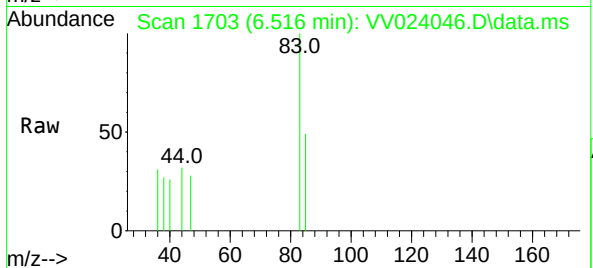
Tgt Ion: 63	Resp: 3985
Ion Ratio	Lower Upper
63	100
112	0.0 4.3 6.5#



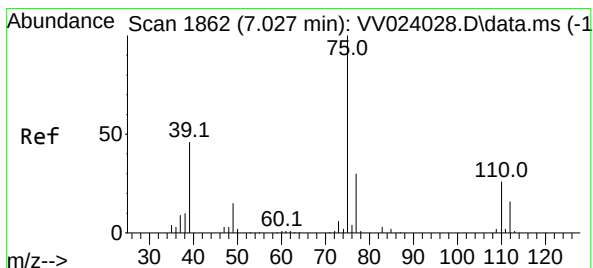
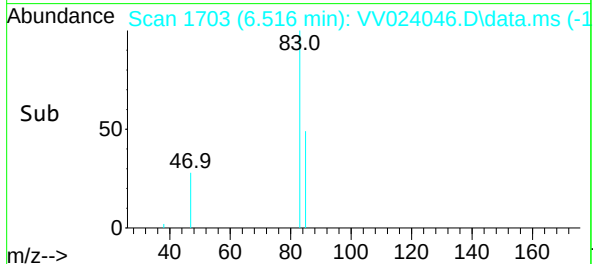
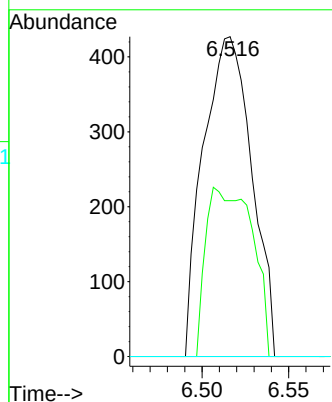


#38
Bromodichloromethane
Concen: 0.090 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV024046.D
Acq: 17 Dec 2021 05:17

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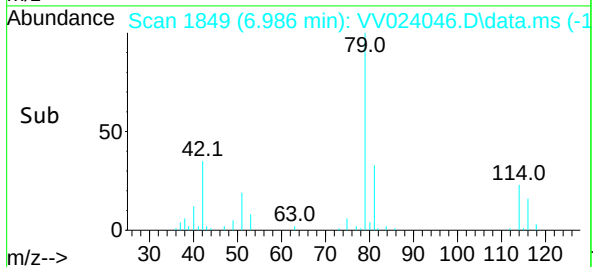
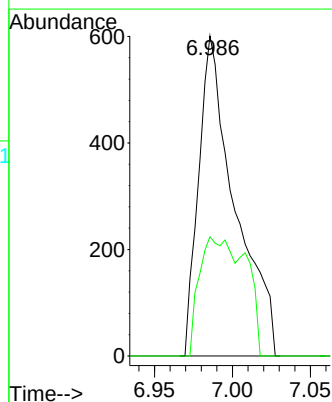
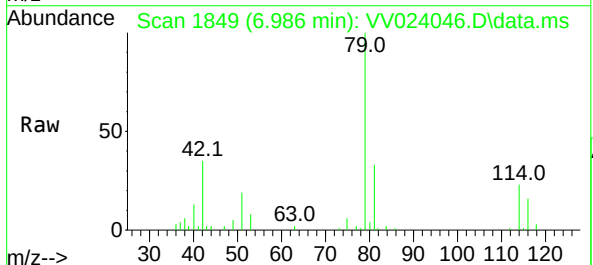


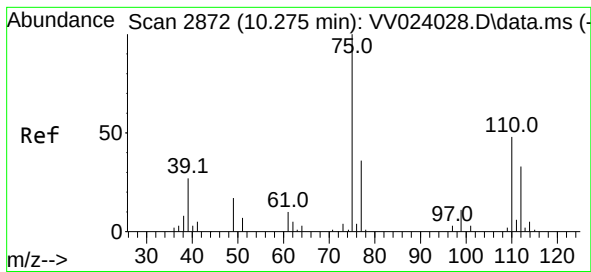
Tgt Ion: 83 Resp: 831
Ion Ratio Lower Upper
83 100
85 48.7 44.0 81.8
127 0.0 8.6 12.8#



#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV024046.D
Acq: 17 Dec 2021 05:17

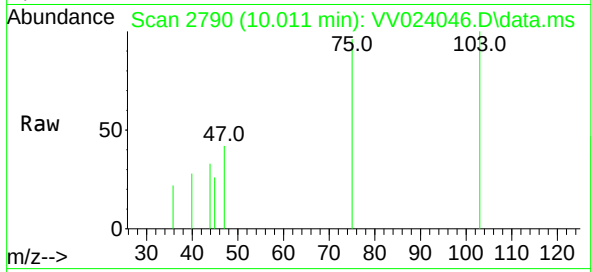
Tgt Ion: 75 Resp: 973
Ion Ratio Lower Upper
75 100
77 37.3 22.0 41.0





#61
 1,2,3-Trichloropropane
 Concen: 0.299 ug/L
 RT: 10.011 min Scan# 21
 Delta R.T. -0.260 min
 Lab File: VV024046.D
 Acq: 17 Dec 2021 05:17

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp: 958
Ion Ratio	Lower Upper
75 100	
77 0.0	26.4 39.6#
110 0.0	34.2 51.2#

