

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024088.D
 Acq On : 19 Dec 2021 15:04
 Operator : SY/MD
 Sample : M5134-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 01:37:10 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)

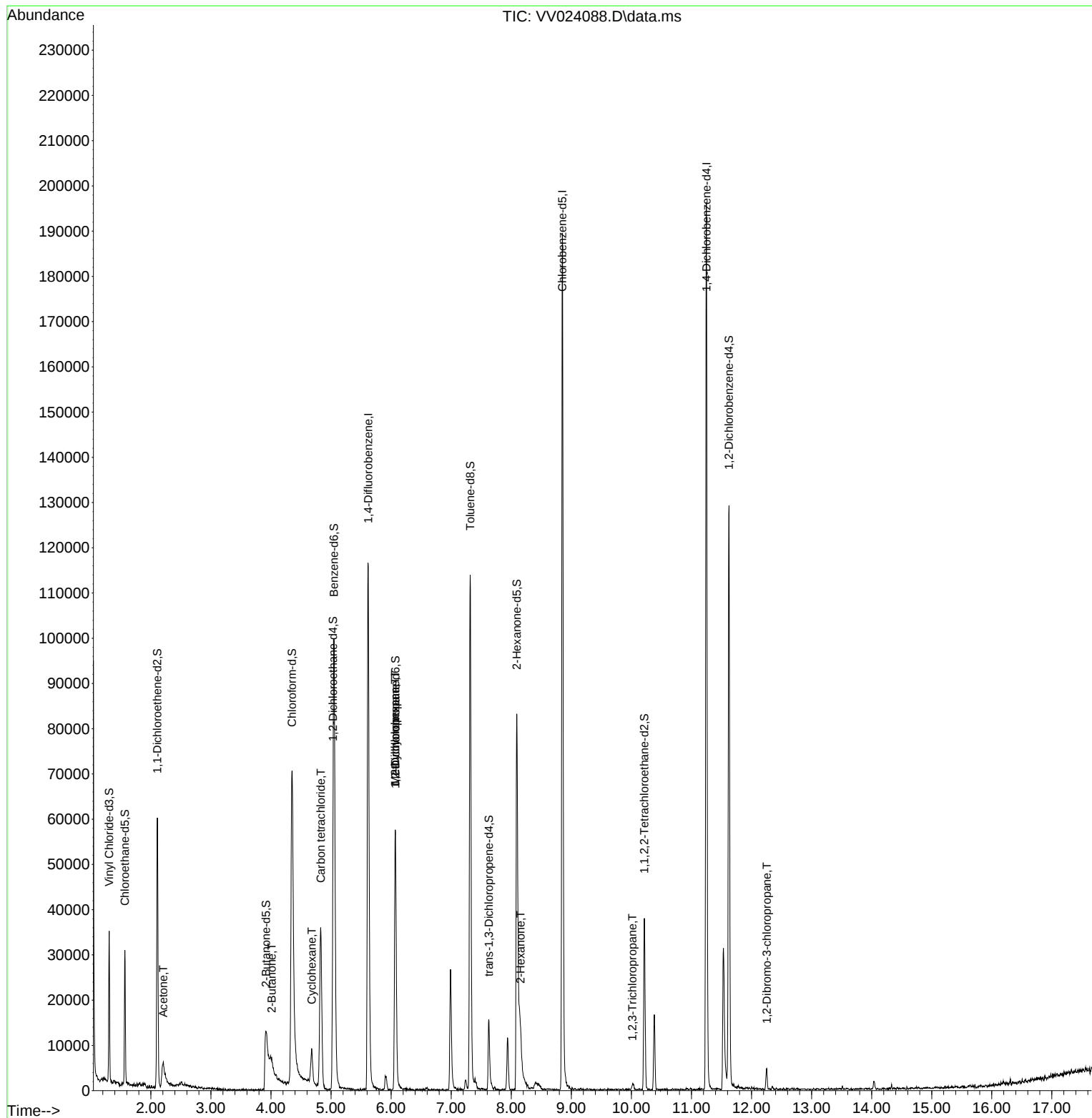
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103569	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	108693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	19285	3.464	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.200%	
7) Chloroethane-d5	1.568	69	17908	3.855	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.200%	
11) 1,1-Dichloroethene-d2	2.108	63	31130	2.864	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.200%#	
20) 2-Butanone-d5	3.918	46	34677	31.879	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	63.760%	
24) Chloroform-d	4.349	84	48296	3.829	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.600%	
26) 1,2-Dichloroethane-d4	5.034	65	24328	4.143	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
32) Benzene-d6	5.050	84	90205	4.190	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
36) 1,2-Dichloropropane-d6	6.072	67	27489	4.232	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.600%	
41) Toluene-d8	7.317	98	78217	4.036	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	7.628	79	9754	3.620	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.400%	
46) 2-Hexanone-d5	8.091	63	31218	25.881	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	51.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	16971	3.150	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	63.000%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	34195	4.641	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.800%	
Target Compounds					Qvalue	
13) Acetone	2.207	43	14727	16.922	ug/L	98
21) 2-Butanone	4.011	43	9040	7.270	ug/L #	74
30) Cyclohexane	4.677	56	3290	0.292	ug/L #	84
31) Carbon tetrachloride	4.828	117	27045	2.023	ug/L	97
35) Methylcyclohexane	6.069	83	6939	0.544	ug/L #	23
37) 1,2-Dichloropropane	6.069	63	3091	0.423	ug/L #	84
48) 2-Hexanone	8.156	43	5353	2.103	ug/L #	83
61) 1,2,3-Trichloropropane	10.017	75	912	0.243	ug/L #	37
68) 1,2-Dibromo-3-chloropr...	12.252	75	68	0.083	ug/L #	1

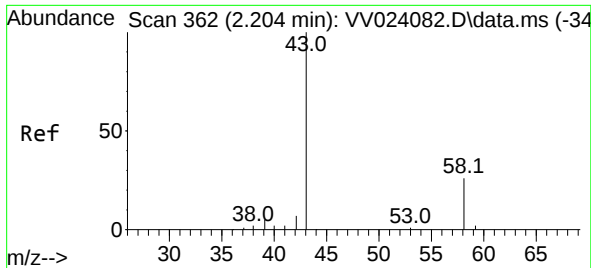
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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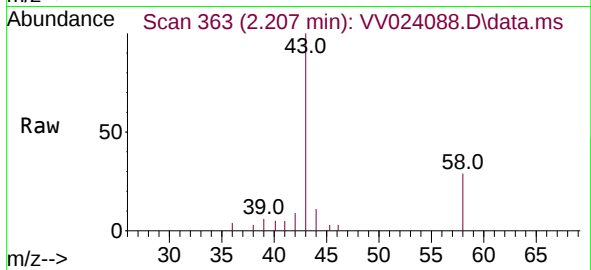
Quant Time: Dec 20 01:37:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
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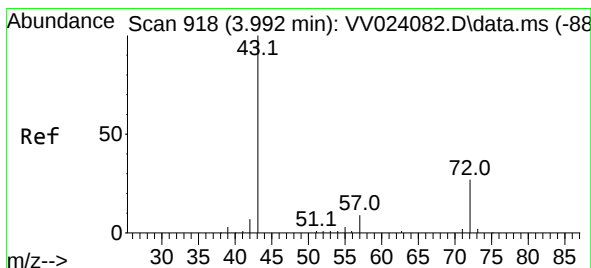
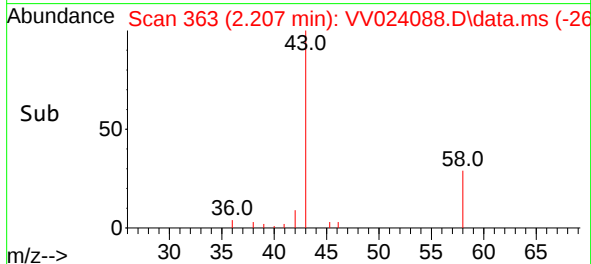
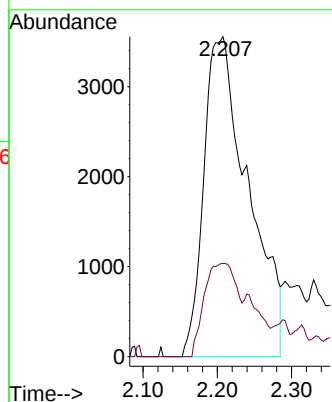


#13
Acetone
Concen: 16.922 ug/L
RT: 2.207 min Scan# 30
Delta R.T. 0.003 min
Lab File: VV024088.D
Acq: 19 Dec 2021 15:04

Instrument :
MSVOA_V
ClientSampleId :

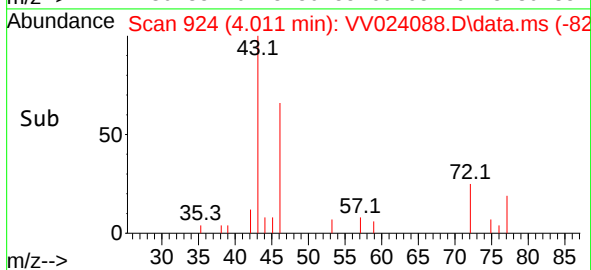
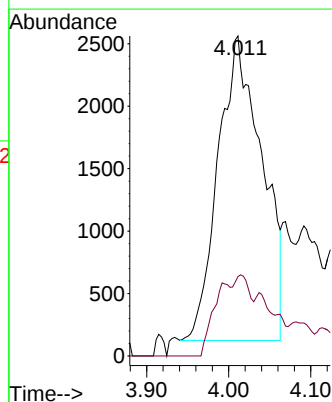
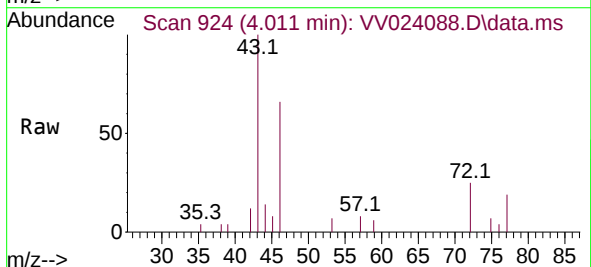


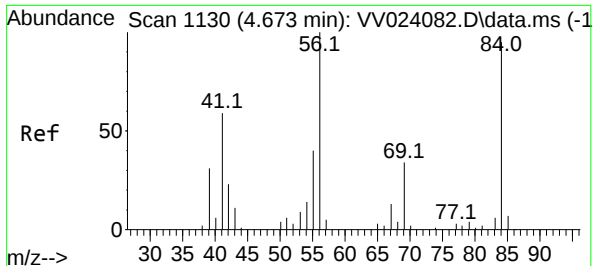
Tgt Ion: 43 Resp: 14727
Ion Ratio Lower Upper
43 100
58 21.5 0.0 41.4



#21
2-Butanone
Concen: 7.270 ug/L
RT: 4.011 min Scan# 924
Delta R.T. 0.019 min
Lab File: VV024088.D
Acq: 19 Dec 2021 15:04

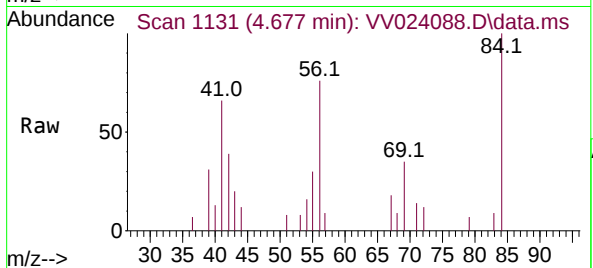
Tgt Ion: 43 Resp: 9040
Ion Ratio Lower Upper
43 100
72 9.7 11.1 33.1#



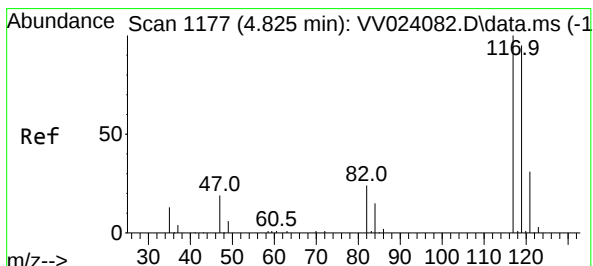
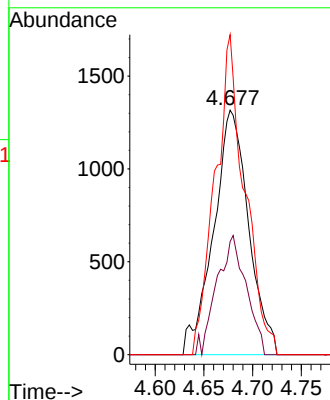
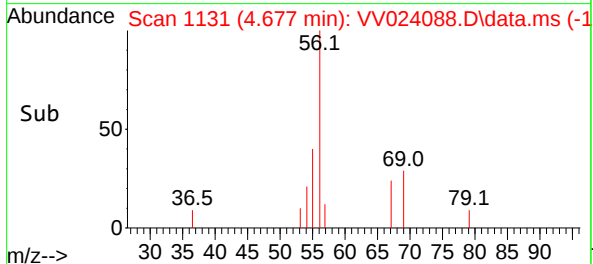


#30
Cyclohexane
Concen: 0.292 ug/L
RT: 4.677 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VV024088.D
Acq: 19 Dec 2021 15:04

Instrument :
MSVOA_V
ClientSampleId :

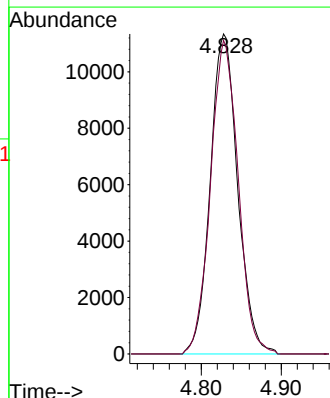
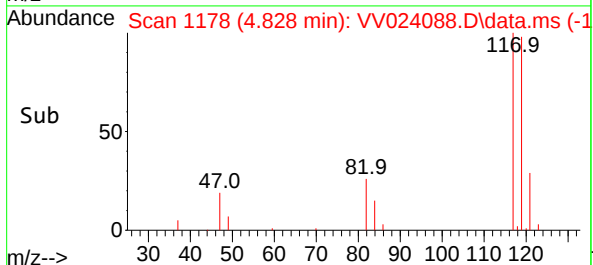
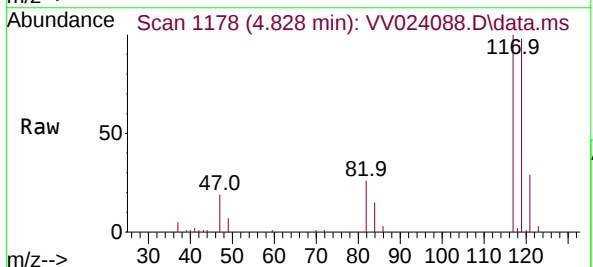


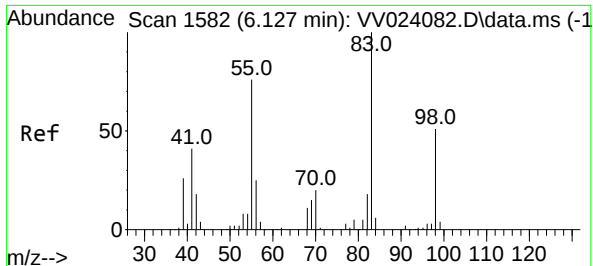
Tgt Ion: 56 Resp: 3290
Ion Ratio Lower Upper
56 100
69 40.8 24.8 37.2#
84 110.3 75.9 113.9



#31
Carbon tetrachloride
Concen: 2.023 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV024088.D
Acq: 19 Dec 2021 15:04

Tgt Ion: 117 Resp: 27045
Ion Ratio Lower Upper
117 100
119 98.6 76.6 114.8





#35

Methylcyclohexane

Concen: 0.544 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024088.D

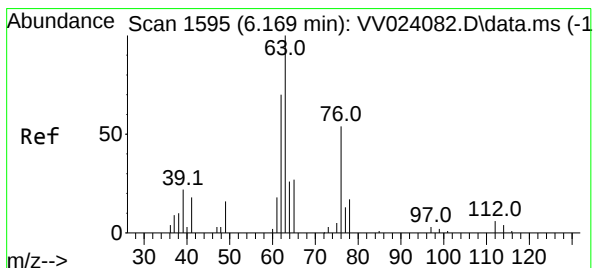
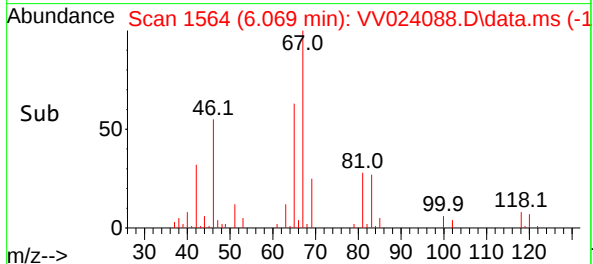
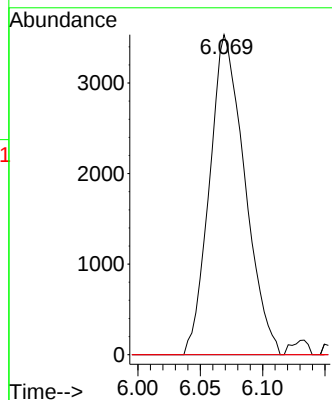
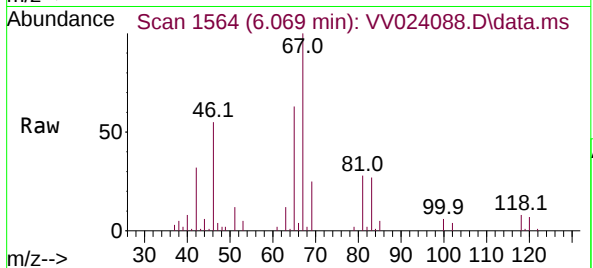
Acq: 19 Dec 2021 15:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 6939
Ion Ratio	Lower Upper
83	100
55	0.0 60.2 90.2#
98	8.9 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.423 ug/L

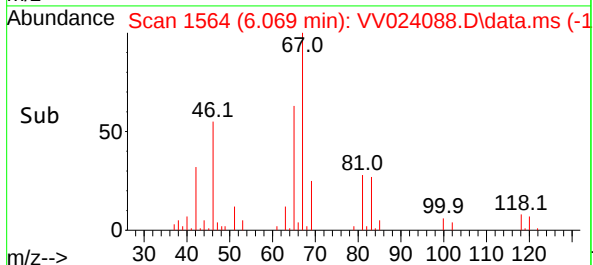
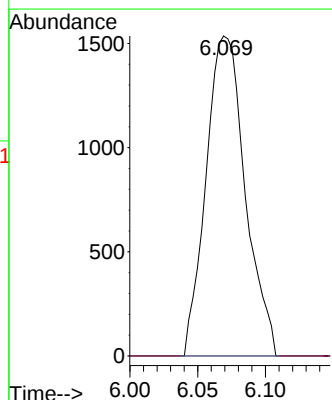
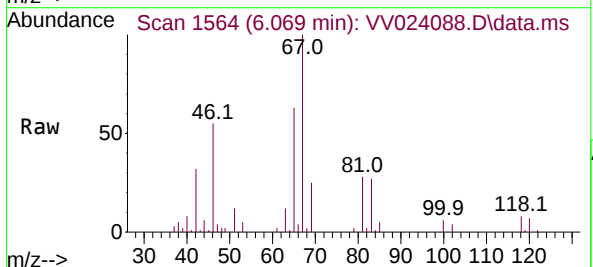
RT: 6.069 min Scan# 1564

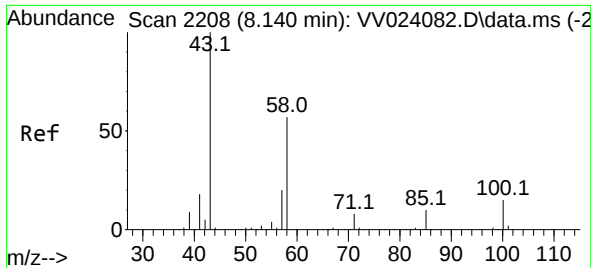
Delta R.T. -0.100 min

Lab File: VV024088.D

Acq: 19 Dec 2021 15:04

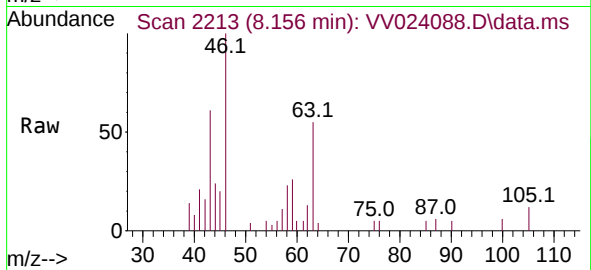
Tgt Ion: 63	Resp: 3091
Ion Ratio	Lower Upper
63	100
112	0.0 4.3 6.5#



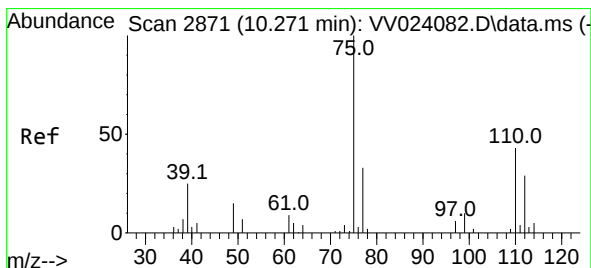
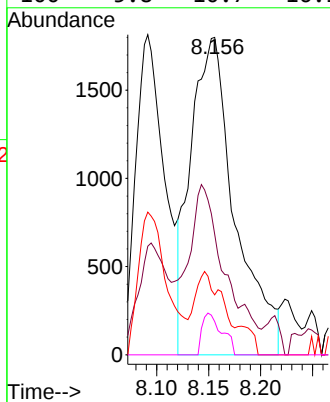
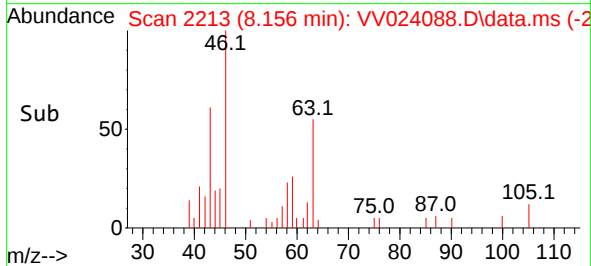


#48
2-Hexanone
Concen: 2.103 ug/L
RT: 8.156 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV024088.D
Acq: 19 Dec 2021 15:04

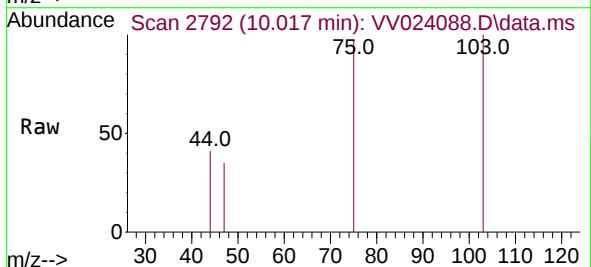
Instrument :
MSVOA_V
ClientSampleId :



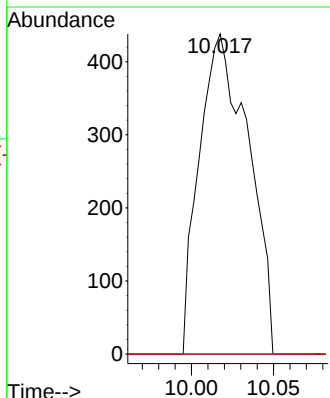
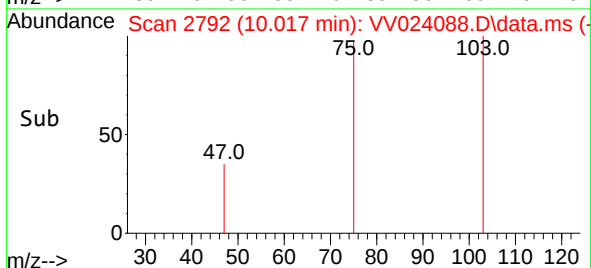
Tgt Ion: 43 Resp: 5353
Ion Ratio Lower Upper
43 100
58 44.6 44.5 66.7
57 10.4 15.1 22.7#
100 5.8 10.7 16.1#

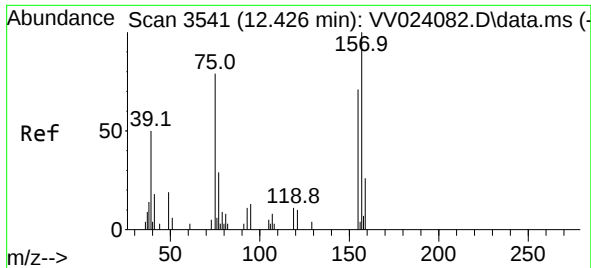


#61
1,2,3-Trichloropropane
Concen: 0.243 ug/L
RT: 10.017 min Scan# 2792
Delta R.T. -0.254 min
Lab File: VV024088.D
Acq: 19 Dec 2021 15:04



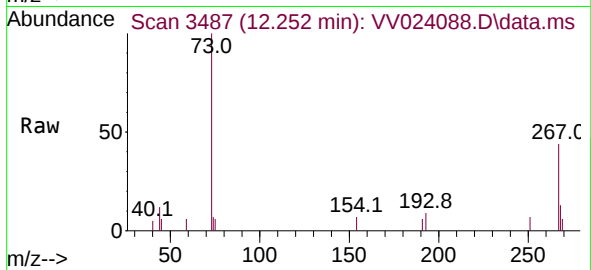
Tgt Ion: 75 Resp: 912
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 0.0 34.2 51.2#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.083 ug/L
 RT: 12.252 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV024088.D
 Acq: 19 Dec 2021 15:04

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 68
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.7 107.5#
 157 0.0 103.3 154.9#

