

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092321\
 Data File : VV022290.D
 Acq On : 23 Sep 2021 17:43
 Operator : SY/MD
 Sample : M3814-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 03:46:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 03:31:01 2021
 Response via : Initial Calibration

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

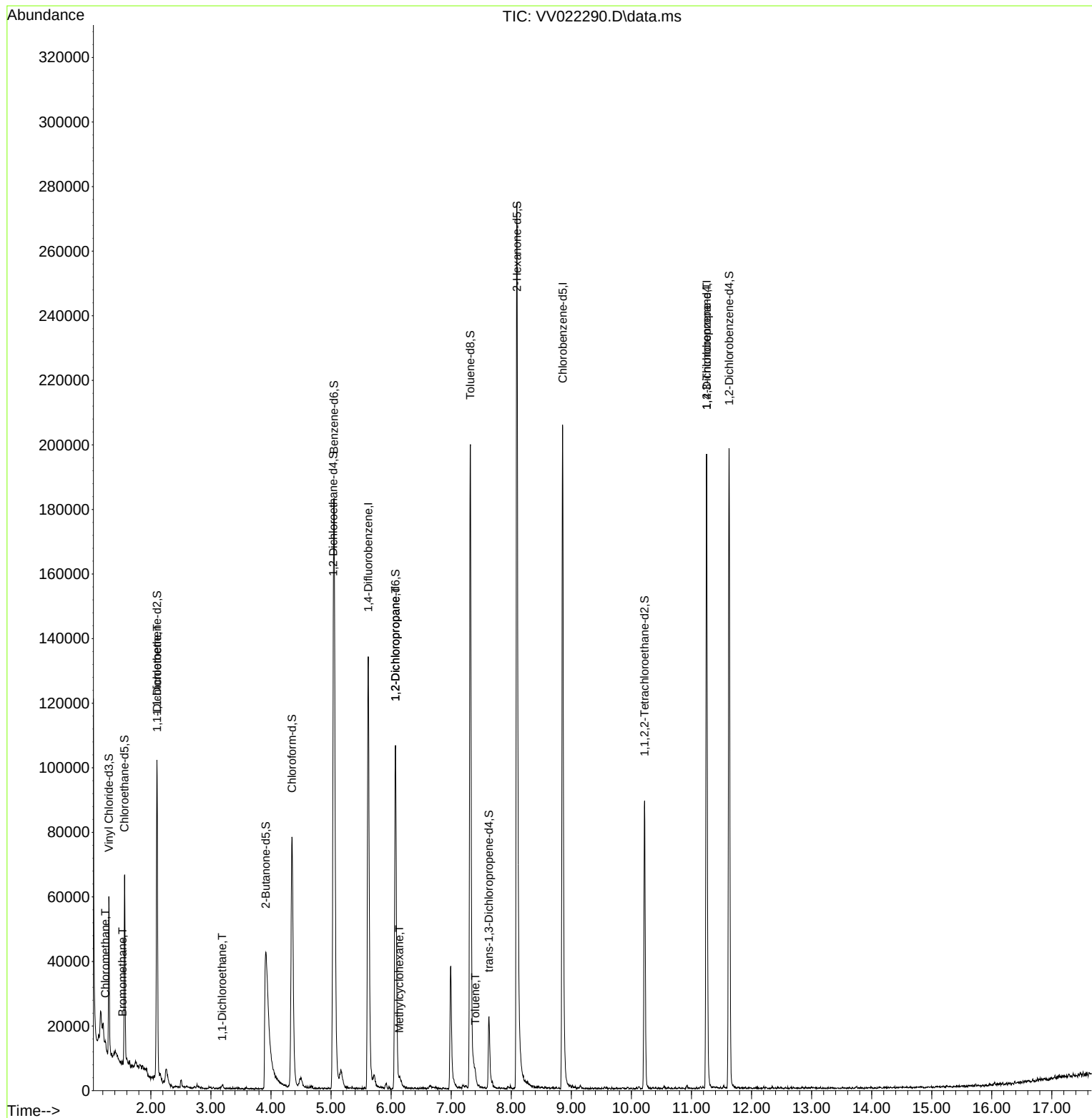
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116252	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	120771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	53093	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	28216	4.817	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.400%	
7) Chloroethane-d5	1.561	69	35511	5.180	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.600%	
11) 1,1-Dichloroethene-d2	2.101	63	50088	3.586	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.800%	
20) 2-Butanone-d5	3.912	46	123104	51.426	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.860%	
24) Chloroform-d	4.349	84	82565	4.914	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.037	65	40897	5.095	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.050	84	164884	4.855	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
36) 1,2-Dichloropropane-d6	6.072	67	53306	5.026	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.320	98	131204	4.278	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	7.628	79	13360	4.125	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.095	63	104538	51.906	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.820%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	42494	4.760	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	11.628	152	52841	5.303	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.000%	
Target Compounds						
3) Chloromethane	1.243	50	629	0.070	ug/L	99
6) Bromomethane	1.526	94	296	0.053	ug/L #	2
12) 1,1-Dichloroethene	2.105	96	517	0.079	ug/L #	1
19) 1,1-Dichloroethane	3.188	63	1229	0.089	ug/L #	82
35) Methylcyclohexane	6.137	83	958	0.074	ug/L #	29
37) 1,2-Dichloropropane	6.072	63	5732	0.715	ug/L #	84
42) Toluene	7.400	91	2857	0.085	ug/L	99
61) 1,2,3-Trichloropropane	11.252	75	6229	1.353	ug/L #	65

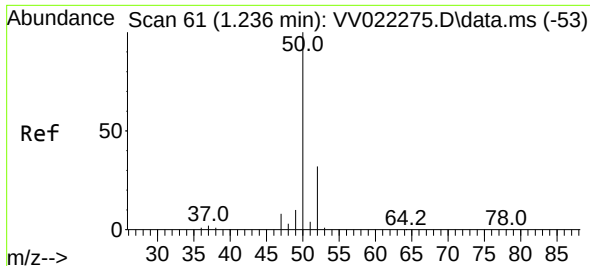
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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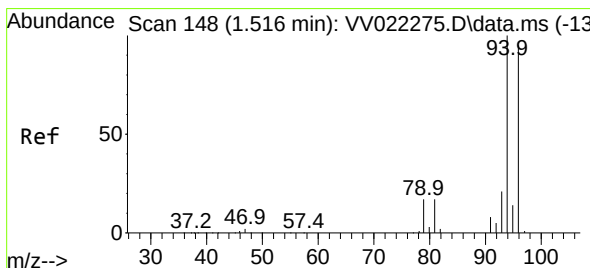
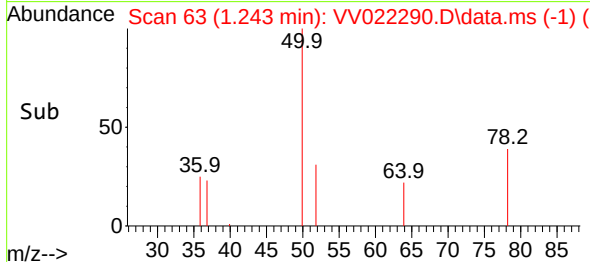
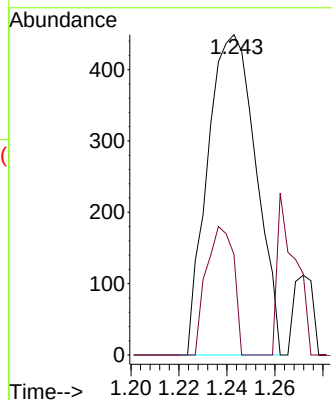
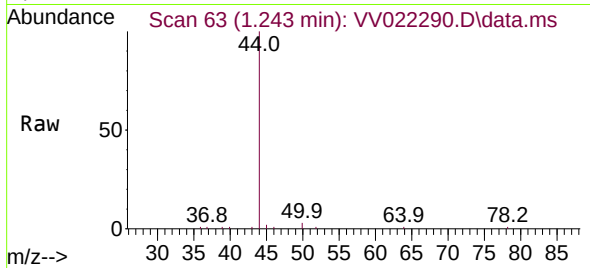




#3
Chloromethane
Concen: 0.070 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.006 min
Lab File: VV022290.D
Acq: 23 Sep 2021 17:43

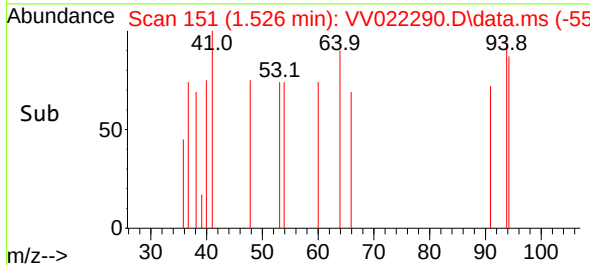
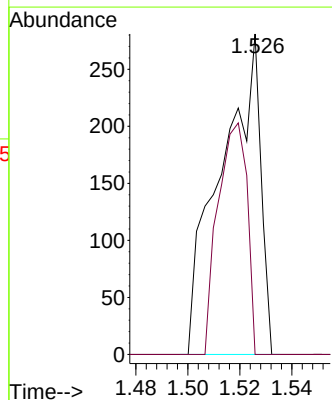
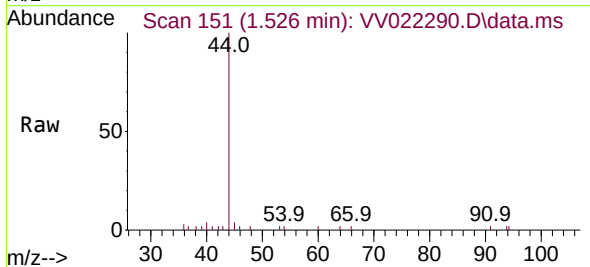
Instrument :
MSVOA_V
ClientSampled :

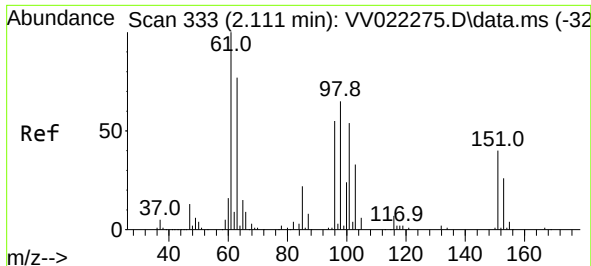
Tgt Ion: 50 Resp: 629
Ion Ratio Lower Upper
50 100
52 31.4 22.2 41.2



#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.010 min
Lab File: VV022290.D
Acq: 23 Sep 2021 17:43

Tgt Ion: 94 Resp: 296
Ion Ratio Lower Upper
94 100
96 0.0 66.6 123.8#

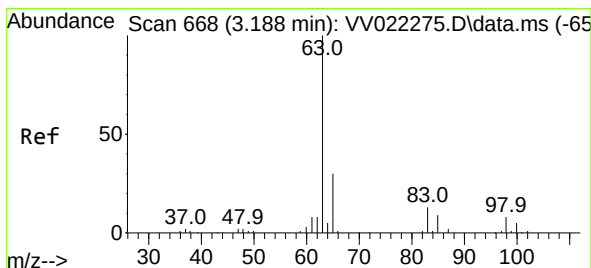
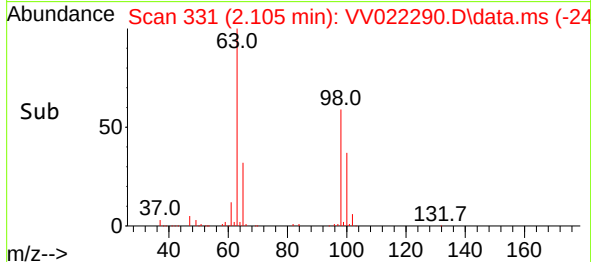
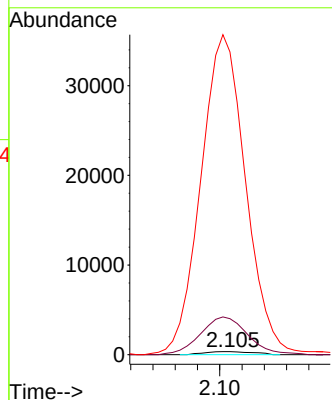
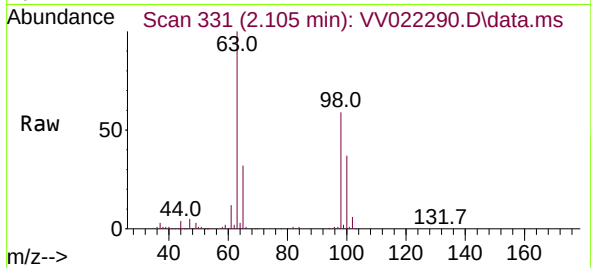




#12
1,1-Dichloroethene
Concen: 0.079 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV022290.D
Acq: 23 Sep 2021 17:43

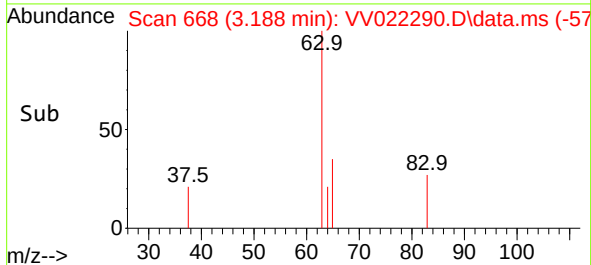
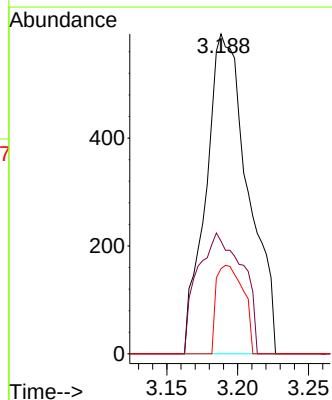
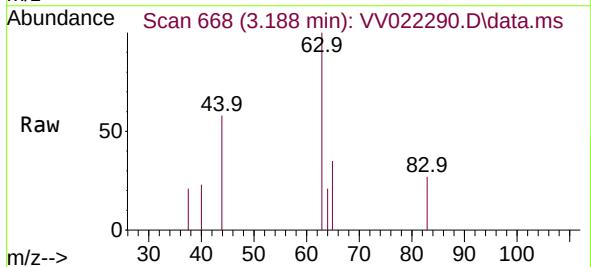
Instrument :
MSVOA_V
ClientSampled :

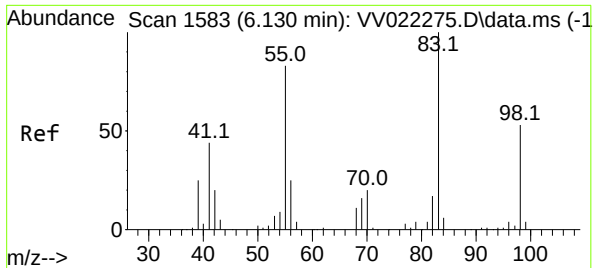
Tgt Ion: 96 Resp: 517
Ion Ratio Lower Upper
96 100
61 1178.9 127.4 236.6#
63 9900.3 100.0 185.6#



#19
1,1-Dichloroethane
Concen: 0.089 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV022290.D
Acq: 23 Sep 2021 17:43

Tgt Ion: 63 Resp: 1229
Ion Ratio Lower Upper
63 100
65 35.2 20.6 38.4
83 26.6 9.4 17.4#

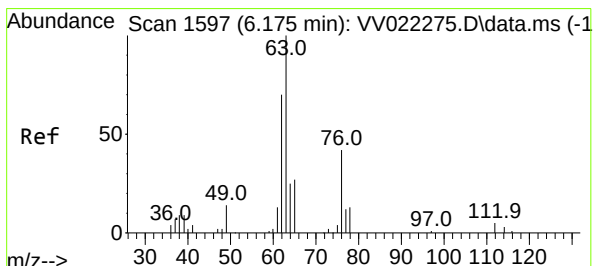
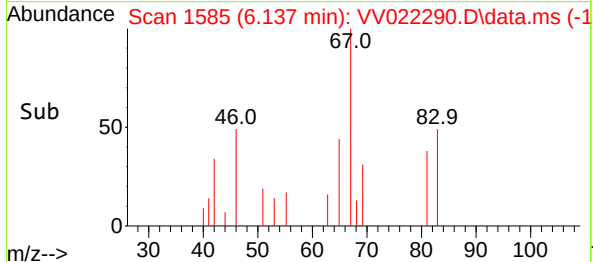
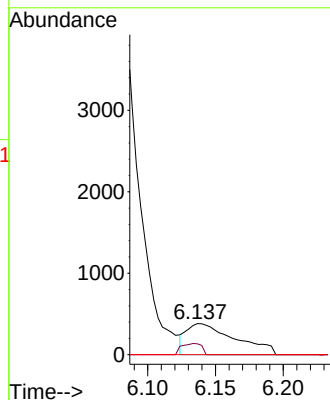
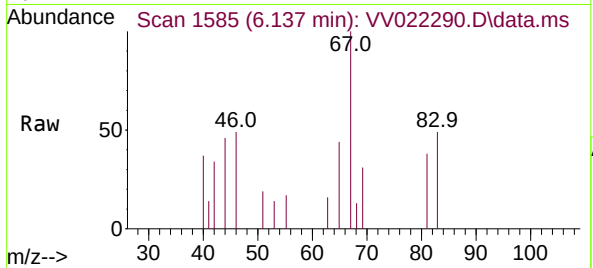




#35
Methylcyclohexane
Concen: 0.074 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VV022290.D
Acq: 23 Sep 2021 17:43

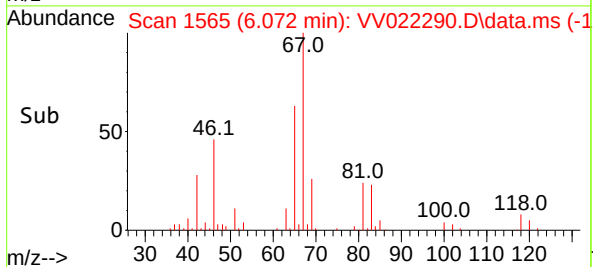
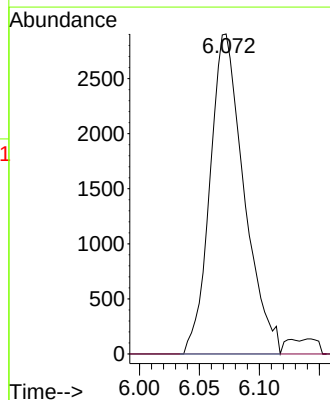
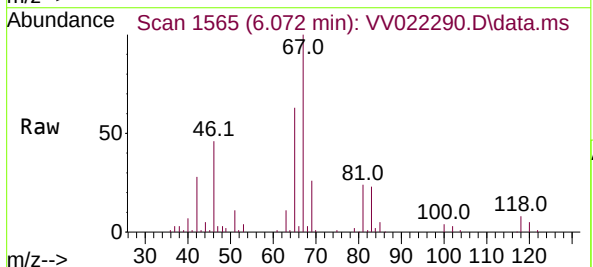
Instrument :
MSVOA_V
ClientSampled :

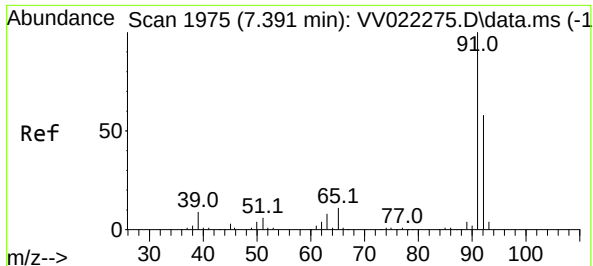
Tgt Ion: 83 Resp: 958
Ion Ratio Lower Upper
83 100
55 14.6 60.2 90.2#
98 0.0 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022290.D
Acq: 23 Sep 2021 17:43

Tgt Ion: 63 Resp: 5732
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#





#42

Toluene

Concen: 0.085 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.010 min

Lab File: VV022290.D

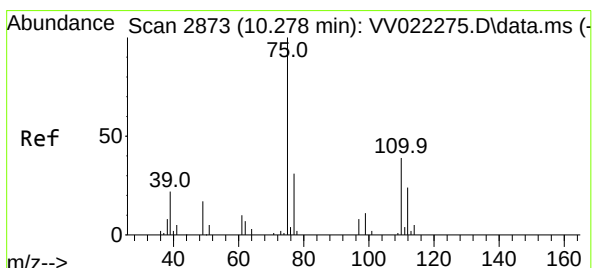
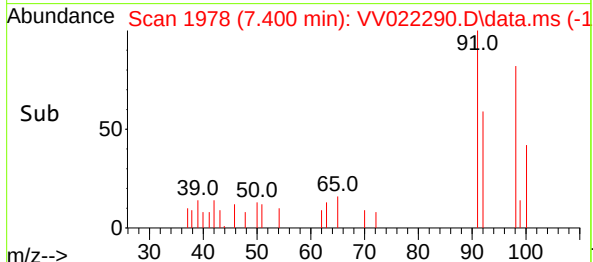
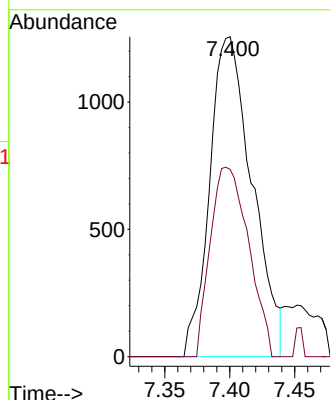
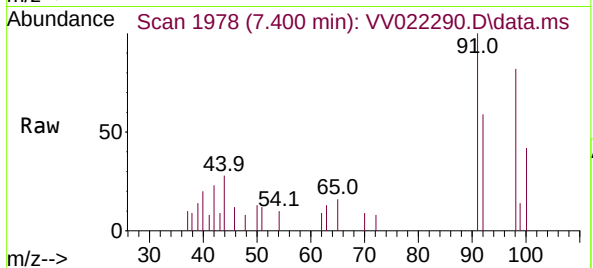
Acq: 23 Sep 2021 17:43

Tgt Ion: 91 Resp: 2857

Ion Ratio Lower Upper

91 100

92 58.6 40.6 75.4



#61

1,2,3-Trichloropropane

Concen: 1.353 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.974 min

Lab File: VV022290.D

Acq: 23 Sep 2021 17:43

Tgt Ion: 75 Resp: 6229

Ion Ratio Lower Upper

75 100

77 35.3 25.5 38.3

110 3.8 31.7 47.5#

