

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
 Data File : VV021669.D
 Acq On : 15 Jul 2021 14:43
 Operator : SY/MD
 Sample : M3033-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 16 01:08:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 16 01:06:31 2021
 Response via : Initial Calibration

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

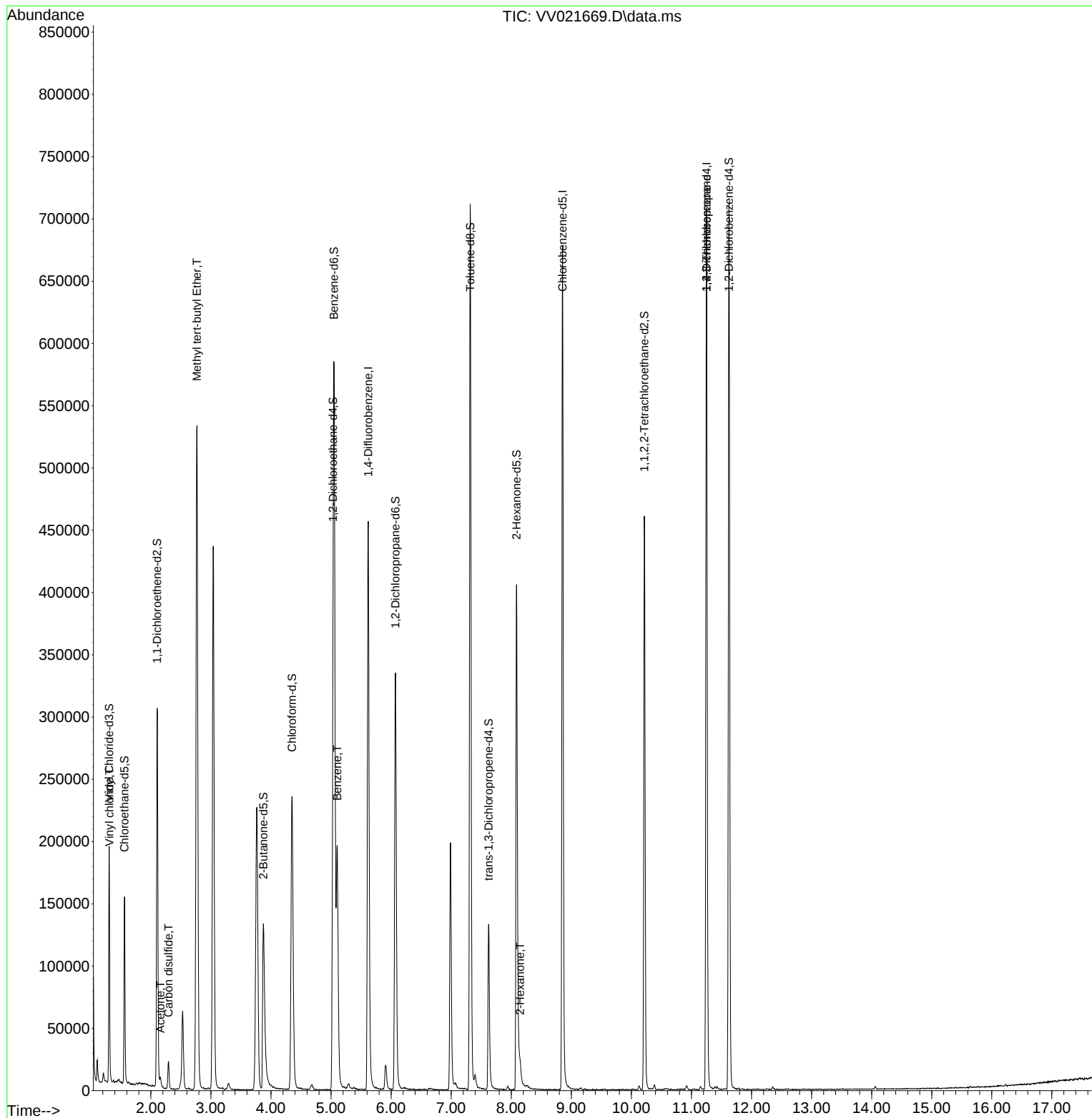
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	414772	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	386692	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	193843	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	113488	43.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.500%
7) Chloroethane-d5	1.561	69	96341	44.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.840%
11) 1,1-Dichloroethene-d2	2.105	63	155447	32.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.760%
21) 2-Butanone-d5	3.873	46	216012	96.380	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.380%
24) Chloroform-d	4.349	84	250381	45.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
26) 1,2-Dichloroethane-d4	5.034	65	157843	48.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.600%
32) Benzene-d6	5.050	84	520389	47.930	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
36) 1,2-Dichloropropane-d6	6.072	67	166926	48.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.500%
41) Toluene-d8	7.317	98	476237	47.428	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.860%
43) trans-1,3-Dichloroprop...	7.625	79	79763	46.824	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.640%
47) 2-Hexanone-d5	8.088	63	143705	90.468	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.470%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	223044	48.343	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.680%
66) 1,2-Dichlorobenzene-d4	11.625	152	190475	49.288	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.580%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	7695	2.251	ug/L #	72
13) Acetone	2.159	43	5479	2.957	ug/L #	100
14) Carbon disulfide	2.294	76	25452	3.048	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	456890	48.815	ug/L #	79
33) Benzene	5.101	78	200463	17.034	ug/L	100
48) 2-Hexanone	8.146	43	11996	3.380	ug/L #	84
61) 1,2,3-Trichloropropane	11.249	75	21083	5.626	ug/L #	65

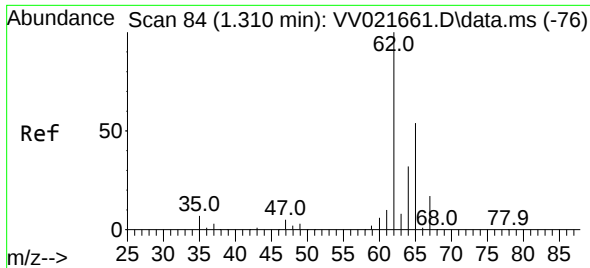
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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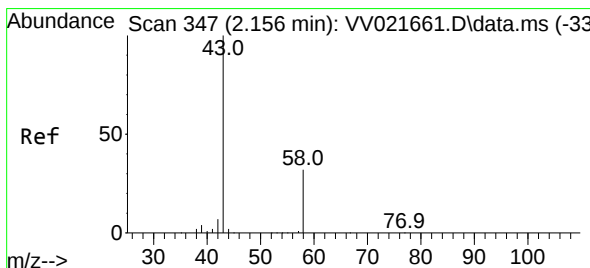
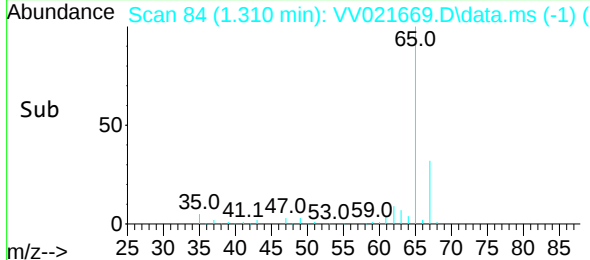
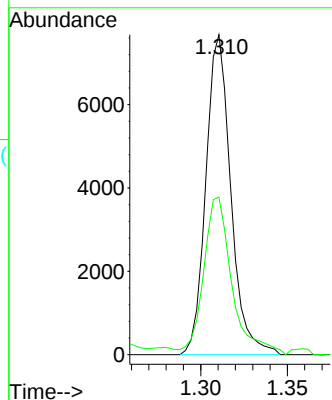
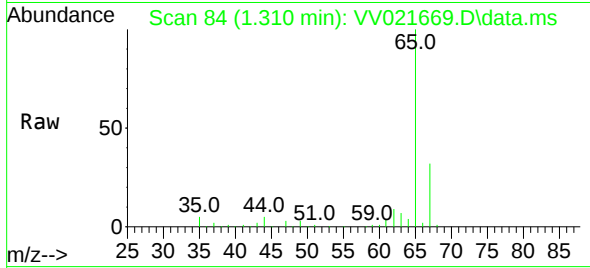




#5
 Vinyl chloride
 Concen: 2.251 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021669.D
 Acq: 15 Jul 2021 14:43

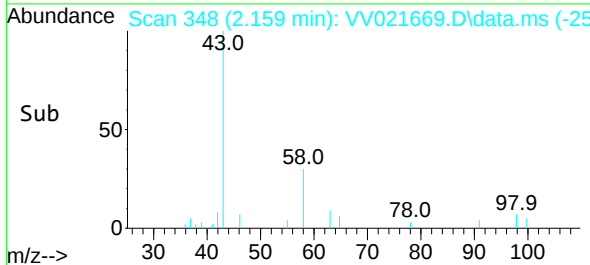
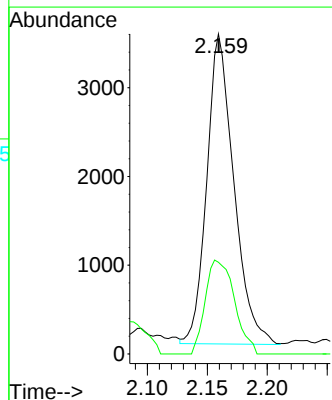
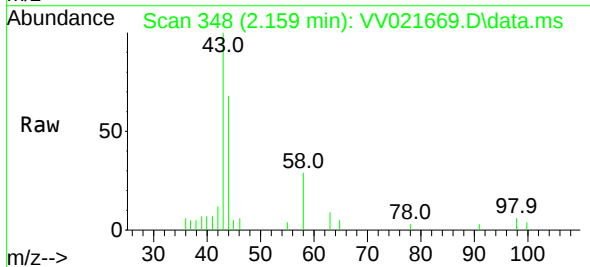
Instrument :
 MSVOA_V
 ClientSampled :

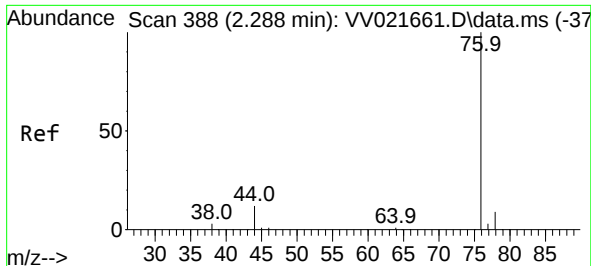
Tgt Ion: 62 Resp: 7695
 Ion Ratio Lower Upper
 62 100
 64 49.3 23.3 43.3#



#13
 Acetone
 Concen: 2.957 ug/L
 RT: 2.159 min Scan# 348
 Delta R.T. 0.003 min
 Lab File: VV021669.D
 Acq: 15 Jul 2021 14:43

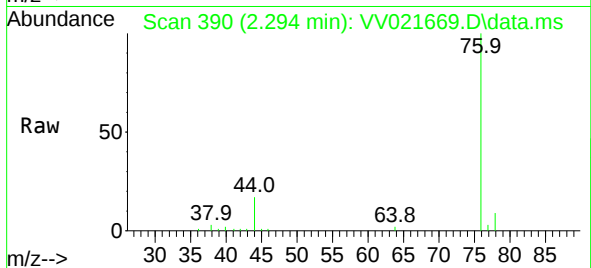
Tgt Ion: 43 Resp: 5479
 Ion Ratio Lower Upper
 43 100
 58 32.6 0.0 0.0#



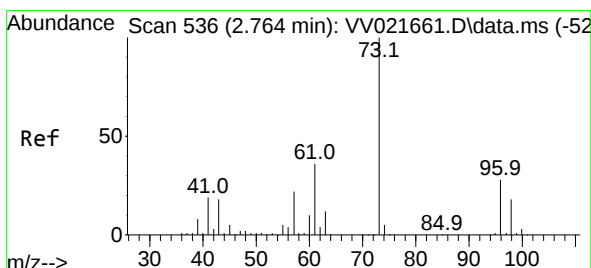
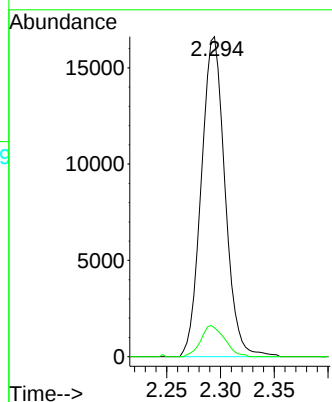
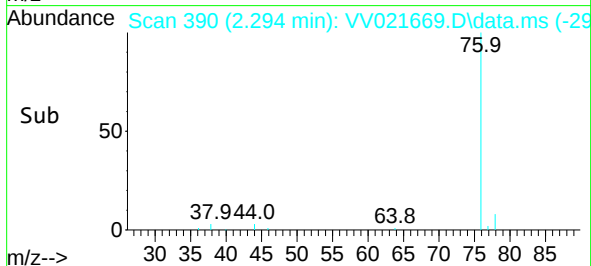


#14
Carbon disulfide
Concen: 3.048 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.007 min
Lab File: VV021669.D
Acq: 15 Jul 2021 14:43

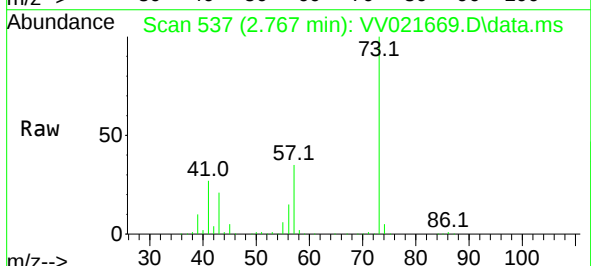
Instrument :
MSVOA_V
ClientSampleId :



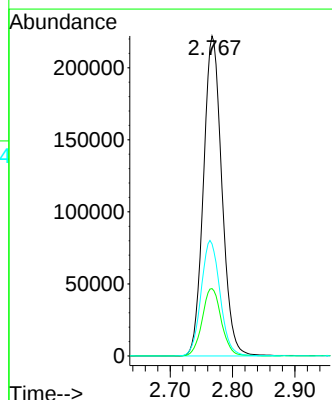
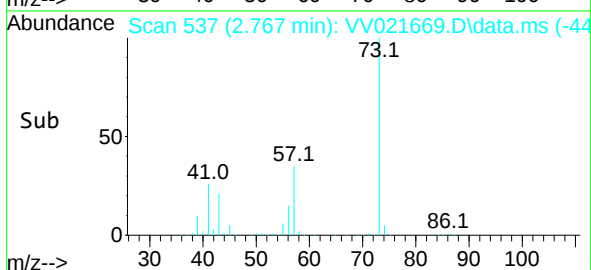
Tgt Ion: 76 Resp: 25452
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

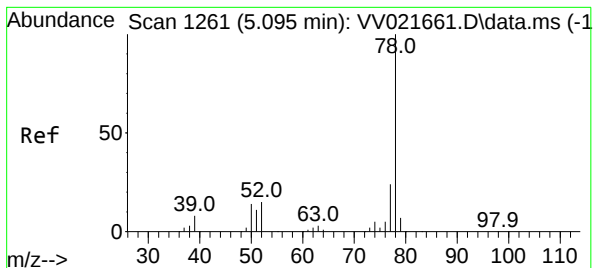


#18
Methyl tert-butyl Ether
Concen: 48.815 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021669.D
Acq: 15 Jul 2021 14:43



Tgt Ion: 73 Resp: 456890
Ion Ratio Lower Upper
73 100
43 21.6 14.6 22.0
57 37.2 17.4 26.2#





#33

Benzene

Concen: 17.034 ug/L

RT: 5.101 min Scan# 1263

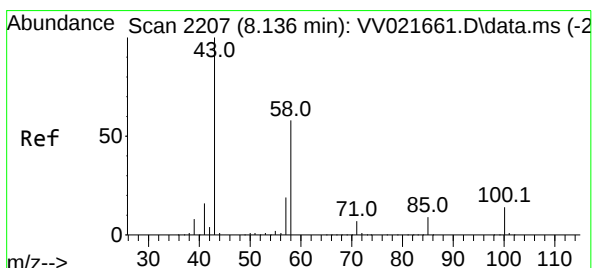
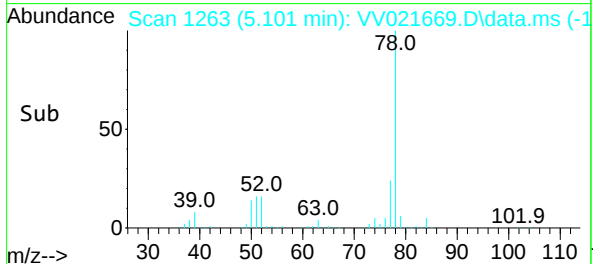
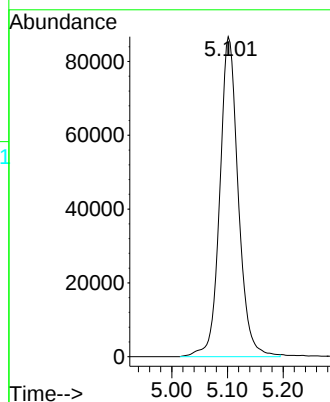
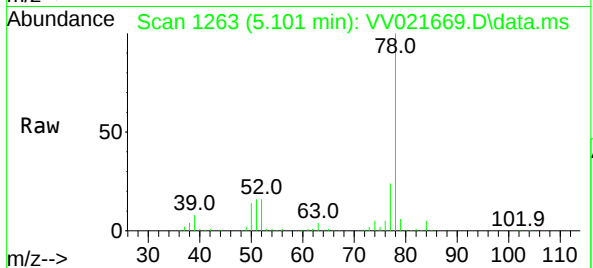
Delta R.T. 0.007 min

Lab File: VV021669.D

Acq: 15 Jul 2021 14:43

Tgt Ion: 78 Resp: 200463

Instrument :
MSVOA_V
ClientSampled :



#48

2-Hexanone

Concen: 3.380 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.010 min

Lab File: VV021669.D

Acq: 15 Jul 2021 14:43

Tgt Ion: 43 Resp: 11996

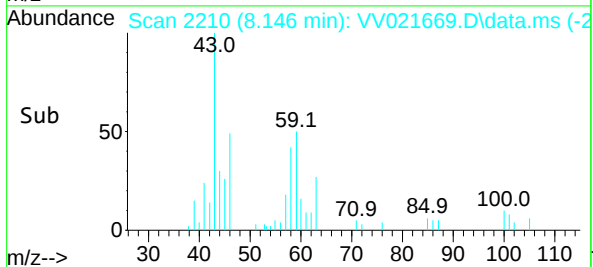
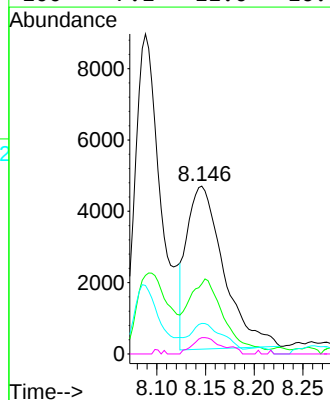
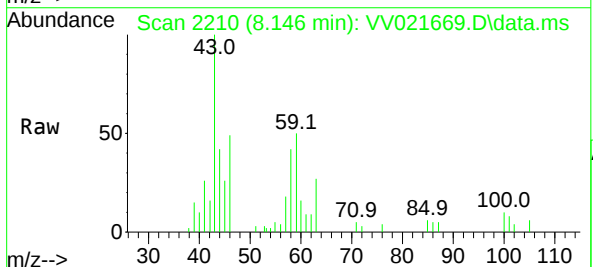
Ion Ratio Lower Upper

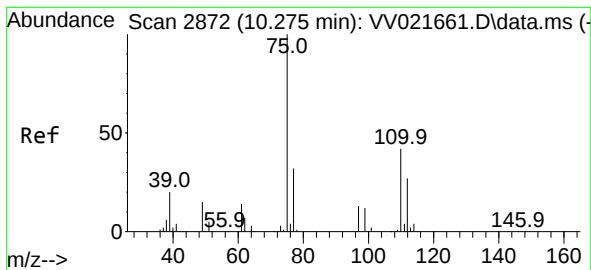
43 100

58 44.7 46.7 70.1#

57 16.2 15.5 23.3

100 7.1 11.0 16.4#





#61
 1,2,3-Trichloropropane
 Concen: 5.626 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV021669.D
 Acq: 15 Jul 2021 14:43

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 21083
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 110 3.1 33.0 49.6#

