

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022459.D
 Acq On : 01 Oct 2021 02:30
 Operator : SY/MD
 Sample : M3996-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A29

Quant Time: Oct 01 04:48:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

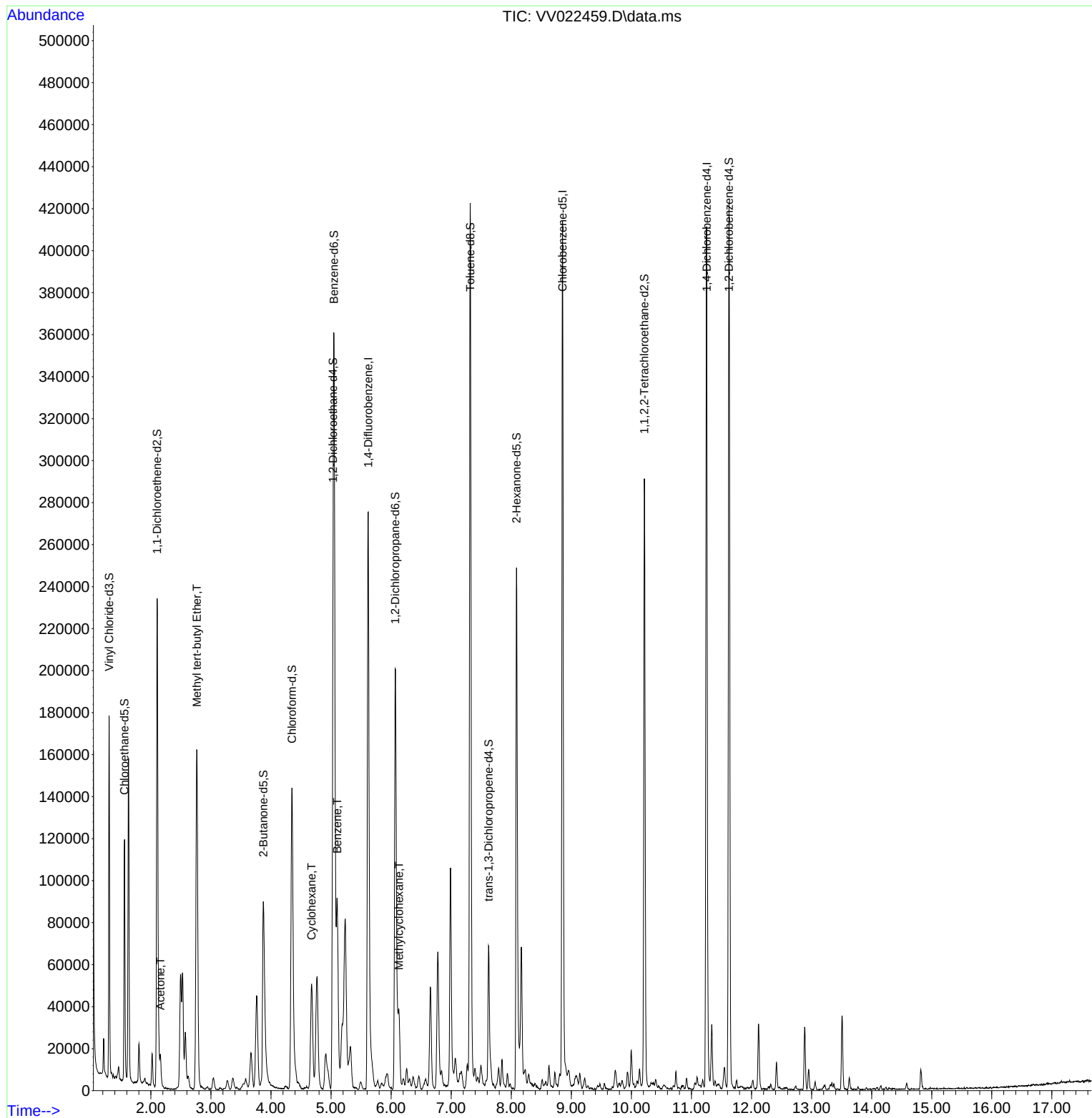
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	247617	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	235825	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	111453	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87038	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.84%
7) Chloroethane-d5	1.561	69	71333	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.84%
11) 1,1-Dichloroethene-d2	2.104	63	118547	32.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.90%
21) 2-Butanone-d5	3.873	46	133460	89.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.99%
24) Chloroform-d	4.349	84	151795	40.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.034	65	94993	40.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.64%
32) Benzene-d6	5.050	84	319416	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.10%
36) 1,2-Dichloropropane-d6	6.069	67	99726	42.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.04%
41) Toluene-d8	7.316	98	283623	41.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.54%
43) trans-1,3-Dichloroprop...	7.622	79	39231	36.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.40%
47) 2-Hexanone-d5	8.088	63	82805	85.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.86%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	138570	40.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.44%
66) 1,2-Dichlorobenzene-d4	11.625	152	113051	45.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.24%
Target Compounds						
13) Acetone	2.159	43	12872	11.06	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	123843	22.17	ug/L #	72
29) Cyclohexane	4.673	56	23894	8.65	ug/L #	91
33) Benzene	5.101	78	90568	12.58	ug/L	100
35) Methylcyclohexane	6.133	83	12258	4.30	ug/L #	64

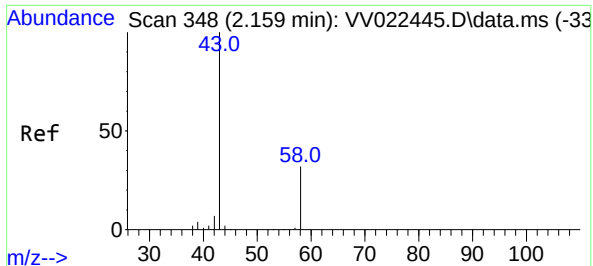
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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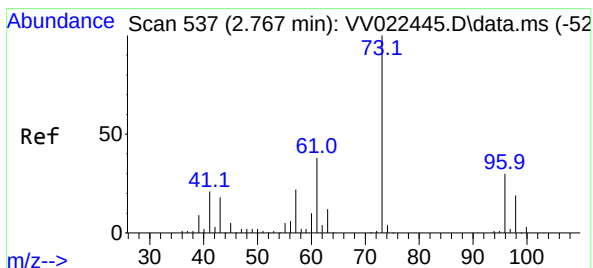
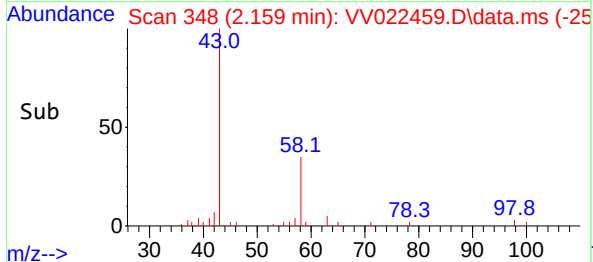
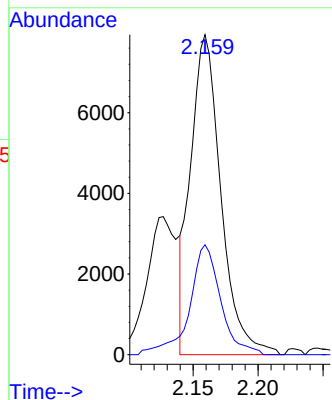
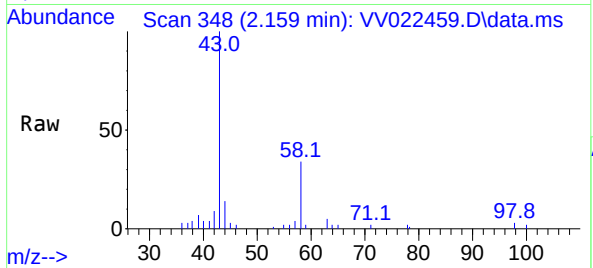




#13
Acetone
Concen: 11.06 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV022459.D
Acq: 01 Oct 2021 02:30

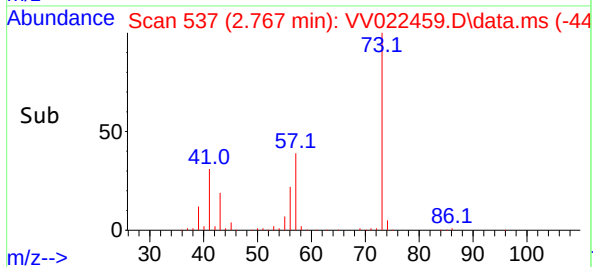
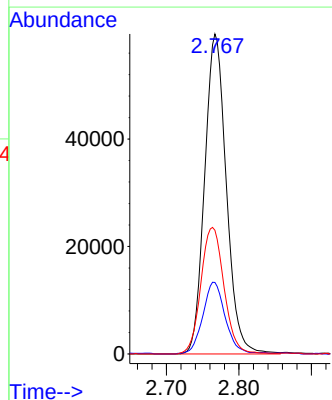
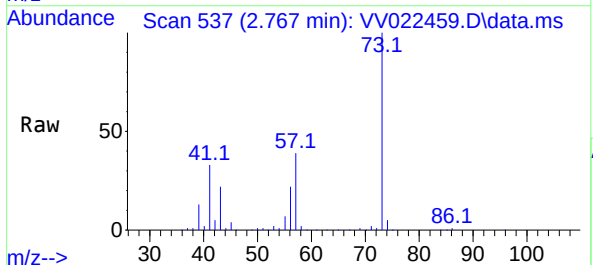
Instrument :
MSVOA_V
ClientSampleId :
F4A29

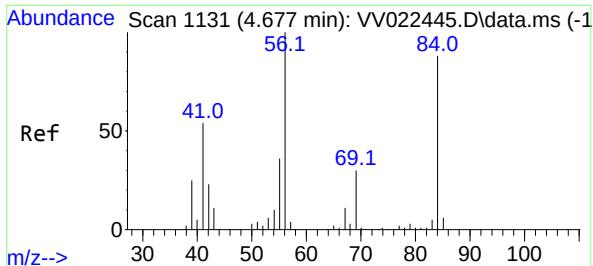
Tgt Ion: 43 Resp: 12872
Ion Ratio Lower Upper
43 100
58 35.4 0.0 67.2



#18
Methyl tert-butyl Ether
Concen: 22.17 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV022459.D
Acq: 01 Oct 2021 02:30

Tgt Ion: 73 Resp: 123843
Ion Ratio Lower Upper
73 100
43 23.2 14.6 21.8#
57 42.2 17.6 26.4#





#29

Cyclohexane

Concen: 8.65 ug/L

RT: 4.673 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV022459.D

Acq: 01 Oct 2021 02:30

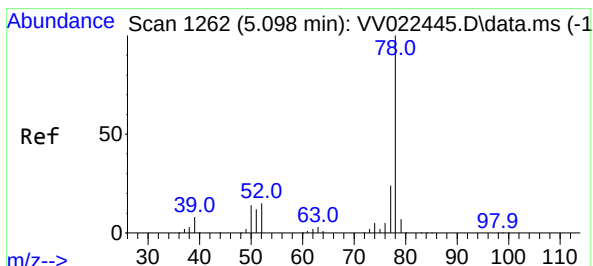
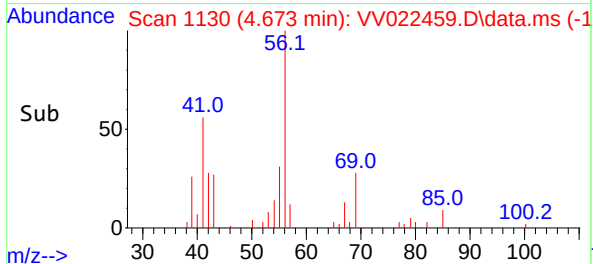
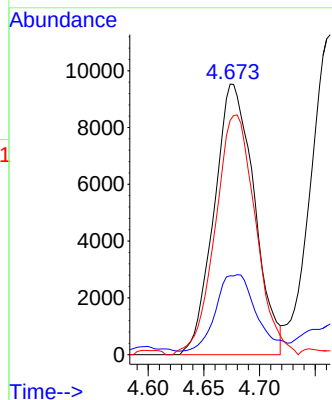
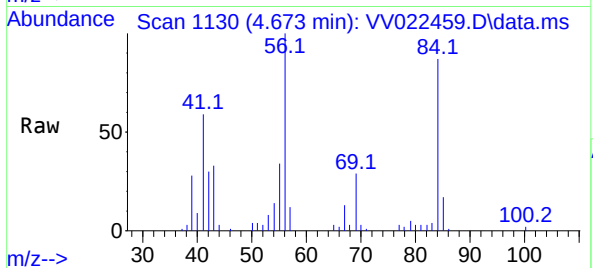
Tgt Ion: 56 Resp: 23894

Ion Ratio Lower Upper

56 100

69 13.4 24.6 37.0#

84 89.0 71.8 107.8



#33

Benzene

Concen: 12.58 ug/L

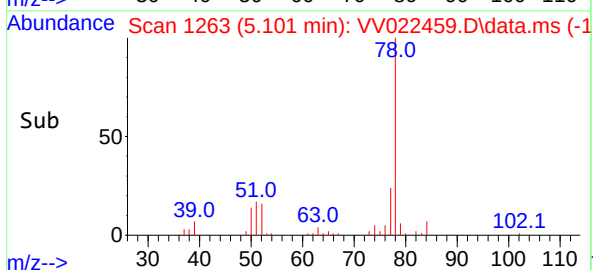
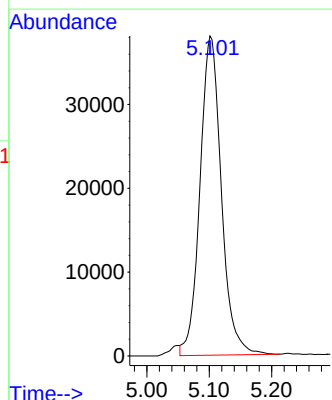
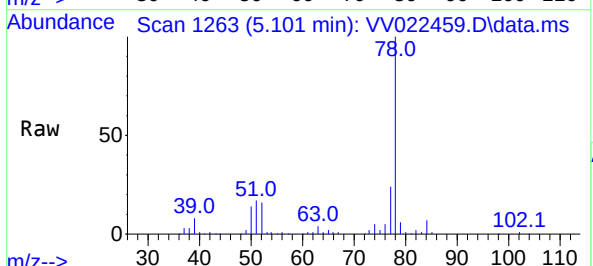
RT: 5.101 min Scan# 1263

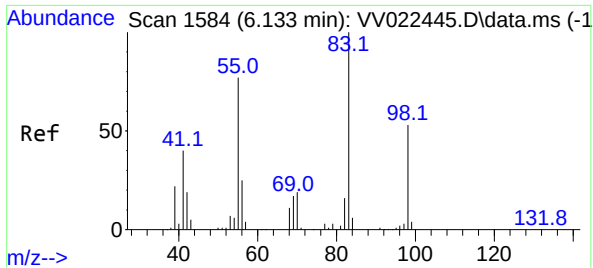
Delta R.T. 0.003 min

Lab File: VV022459.D

Acq: 01 Oct 2021 02:30

Tgt Ion: 78 Resp: 90568





#35
Methylcyclohexane
Concen: 4.30 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV022459.D
Acq: 01 Oct 2021 02:30

Instrument :
MSVOA_V
ClientSampleId :
F4A29

Tgt Ion: 83 Resp: 12258

Ion	Ratio	Lower	Upper
83	100		
55	118.3	58.6	87.8#
98	55.2	39.2	58.8

