

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092321\
 Data File : VW022287.D
 Acq On : 23 Sep 2021 16:32
 Operator : SY/MD
 Sample : M3814-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 03:45:48 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)

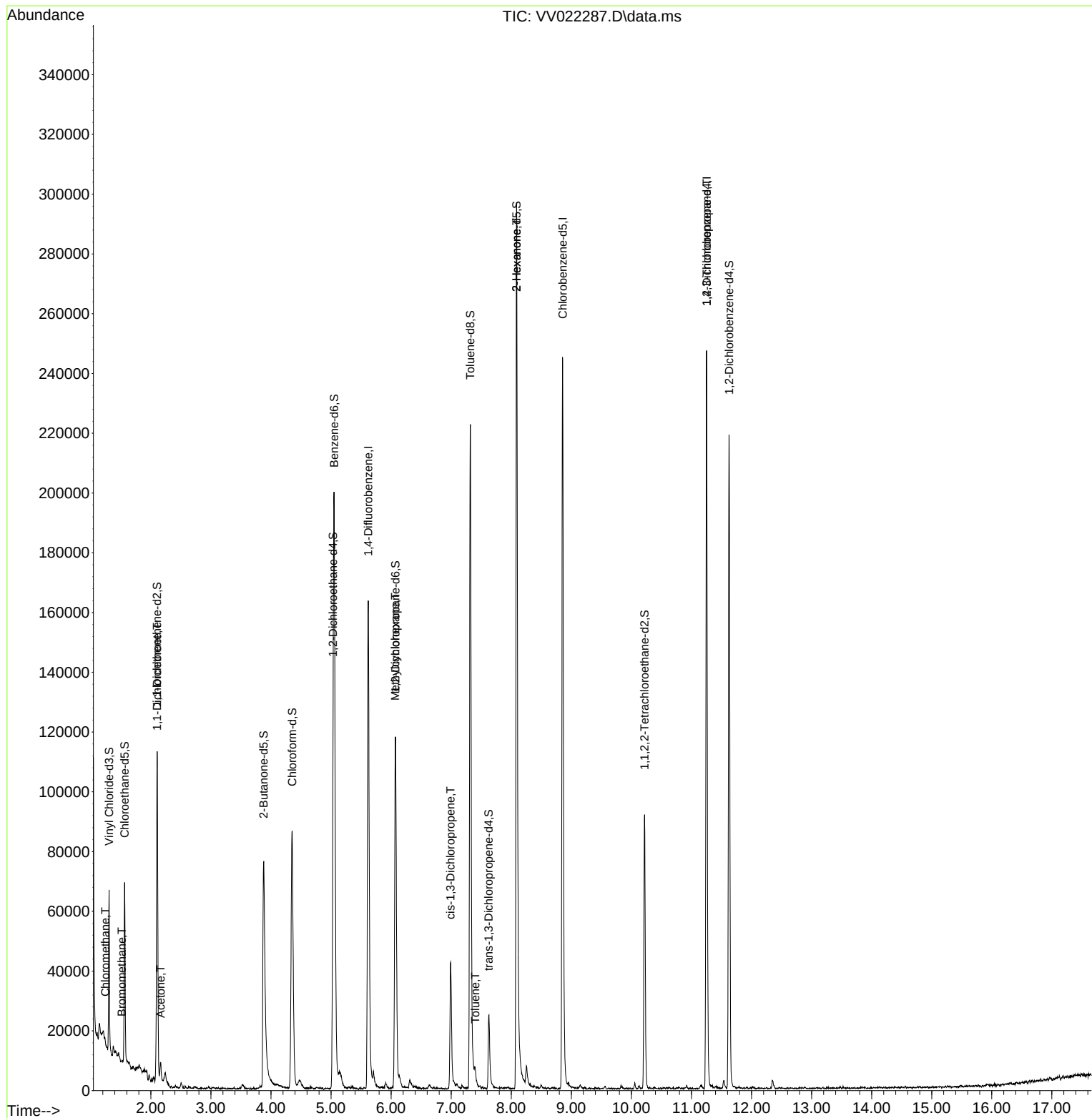
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	143227	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	140799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	64531	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32361	4.484	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.564	69	39199	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.105	63	56111	3.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.876	46	123971	42.035	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.060%
24) Chloroform-d	4.352	84	89016	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.034	65	44113	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.053	84	178841	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.072	67	58162	4.704	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.320	98	153052	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.625	79	14732	3.901	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.088	63	106018	45.153	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.300%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	45177	4.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.628	152	58903	4.864	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
3) Chloromethane	1.243	50	563	0.051	ug/L #	79
6) Bromomethane	1.516	94	360	0.052	ug/L	96
12) 1,1-Dichloroethene	2.101	96	510	0.063	ug/L #	1
13) Acetone	2.162	43	6030	3.606	ug/L	97
35) Methylcyclohexane	6.069	83	14171	0.943	ug/L #	18
39) cis-1,3-Dichloropropene	6.989	75	1188	0.096	ug/L #	57
42) Toluene	7.400	91	4661	0.119	ug/L	99
48) 2-Hexanone	8.088	43	12571	2.969	ug/L #	68
61) 1,2,3-Trichloropropane	11.252	75	7644	1.366	ug/L #	65

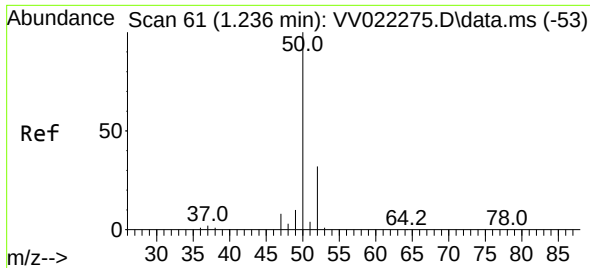
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

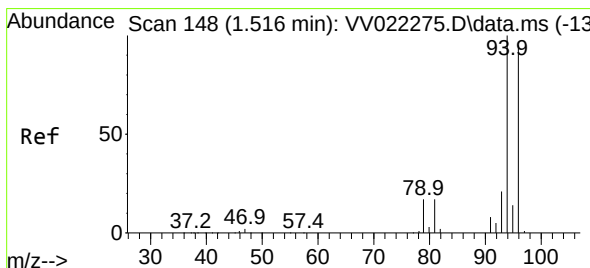
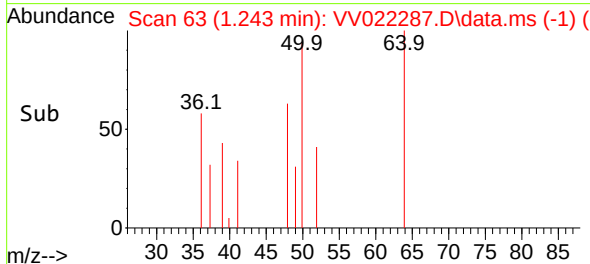
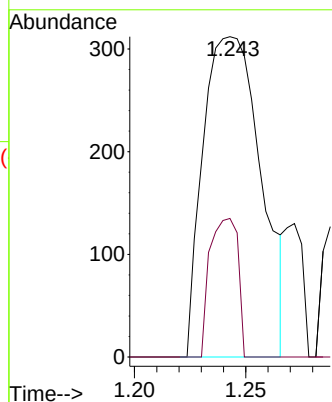
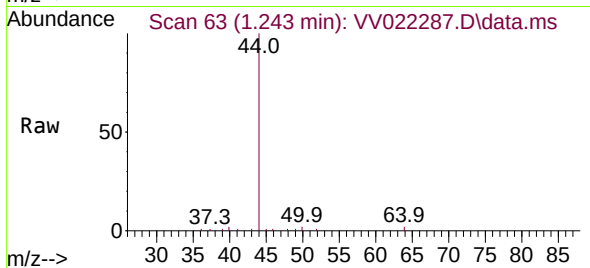




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.006 min
Lab File: VV022287.D
Acq: 23 Sep 2021 16:32

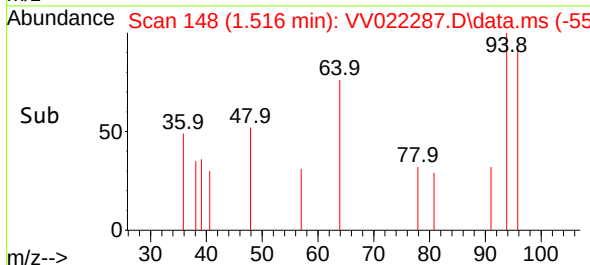
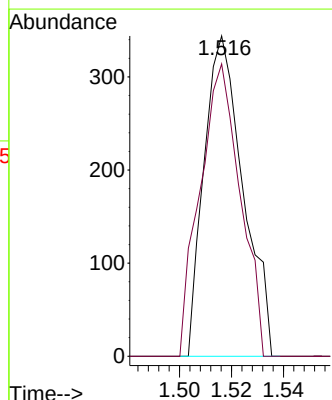
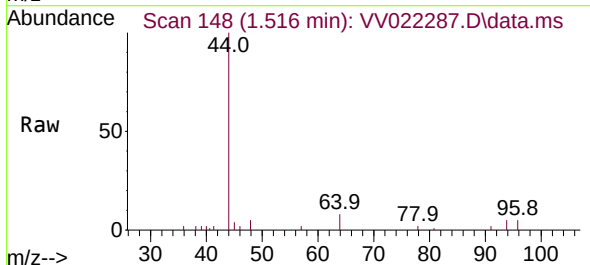
Instrument :
MSVOA_V
ClientSampled :

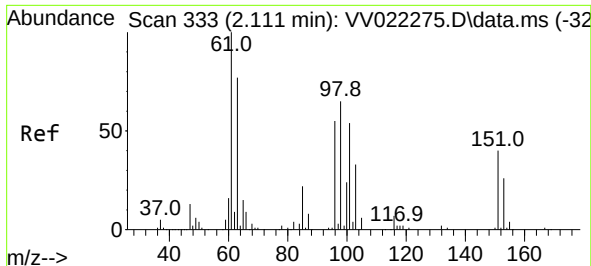
Tgt Ion: 50 Resp: 563
Ion Ratio Lower Upper
50 100
52 43.3 22.2 41.2#



#6
Bromomethane
Concen: 0.052 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.000 min
Lab File: VV022287.D
Acq: 23 Sep 2021 16:32

Tgt Ion: 94 Resp: 360
Ion Ratio Lower Upper
94 100
96 91.3 66.6 123.8

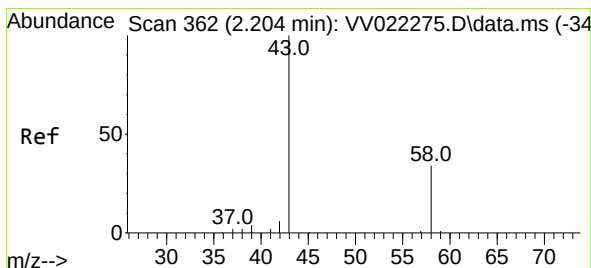
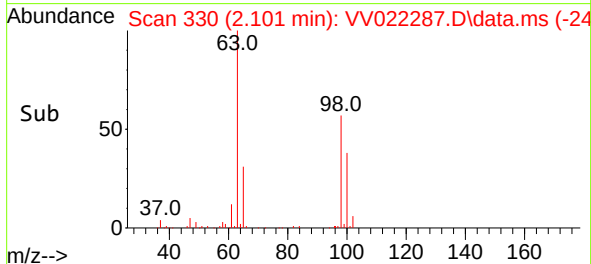
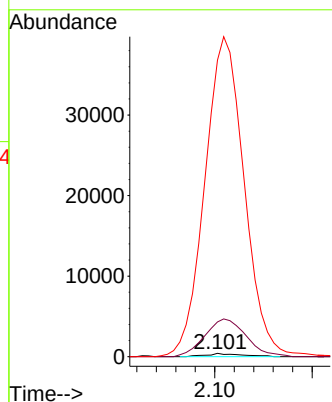
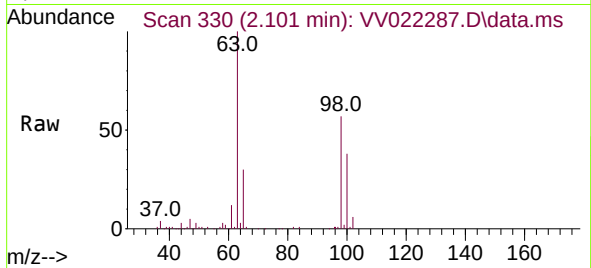




#12
1,1-Dichloroethene
Concen: 0.063 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV022287.D
Acq: 23 Sep 2021 16:32

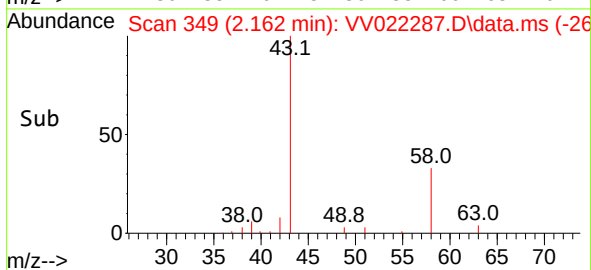
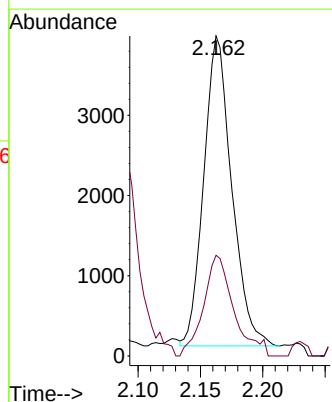
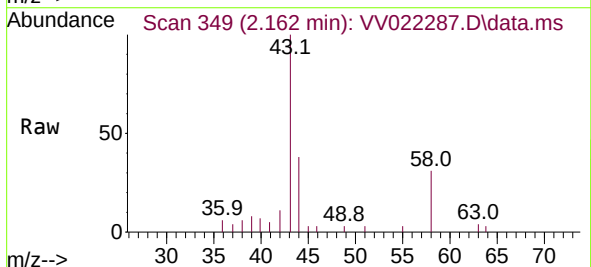
Instrument :
MSVOA_V
ClientSampled :

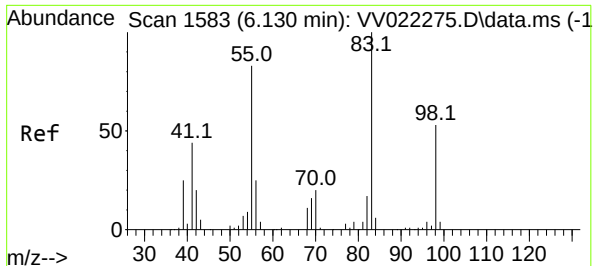
Tgt Ion: 96 Resp: 510
Ion Ratio Lower Upper
96 100
61 1052.7 127.4 236.6#
63 8979.5 100.0 185.6#



#13
Acetone
Concen: 3.606 ug/L
RT: 2.162 min Scan# 349
Delta R.T. -0.042 min
Lab File: VV022287.D
Acq: 23 Sep 2021 16:32

Tgt Ion: 43 Resp: 6030
Ion Ratio Lower Upper
43 100
58 34.9 0.0 66.2





#35

Methylcyclohexane

Concen: 0.943 ug/L

RT: 6.069 min Scan# 1564

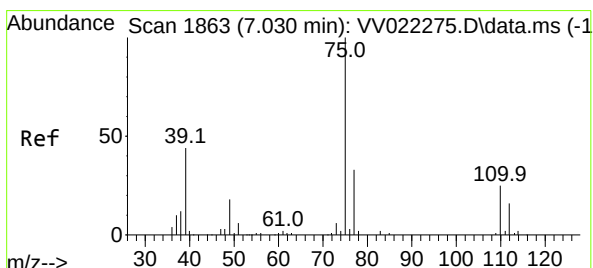
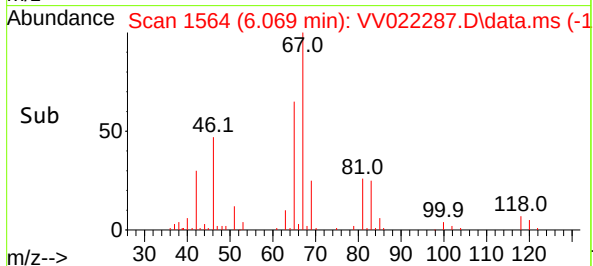
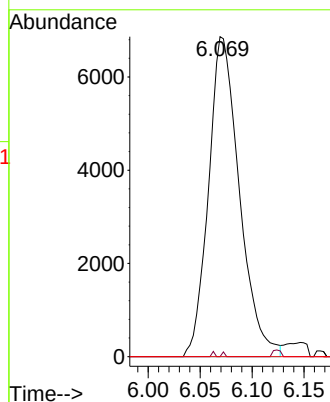
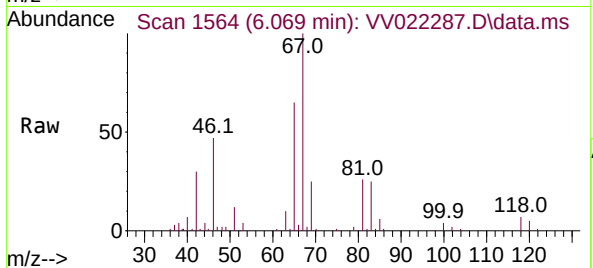
Delta R.T. -0.061 min

Lab File: VV022287.D

Acq: 23 Sep 2021 16:32

Tgt Ion:	83	Resp:	14171
Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.2	90.2#
98	0.0	39.5	59.3#

Instrument :
MSVOA_V
ClientSampled :



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

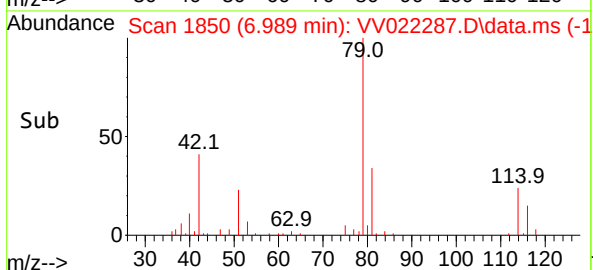
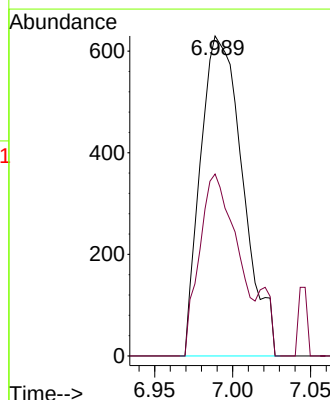
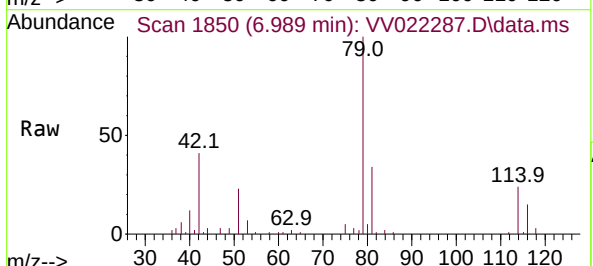
RT: 6.989 min Scan# 1850

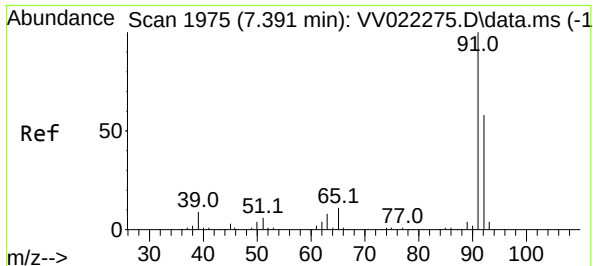
Delta R.T. -0.042 min

Lab File: VV022287.D

Acq: 23 Sep 2021 16:32

Tgt Ion:	75	Resp:	1188
Ion	Ratio	Lower	Upper
75	100		
77	56.8	22.8	42.4#

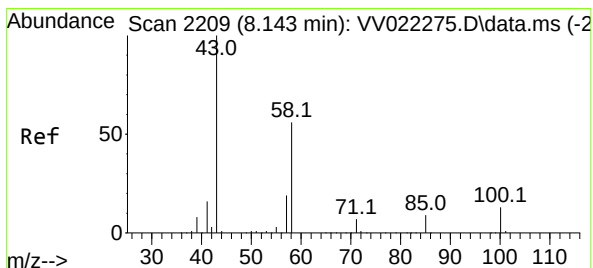
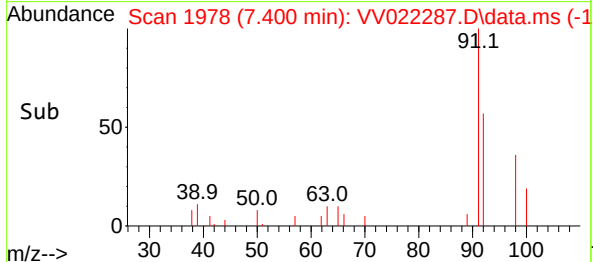
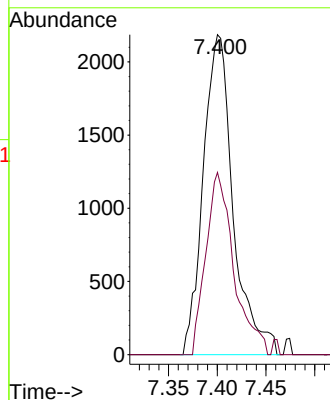
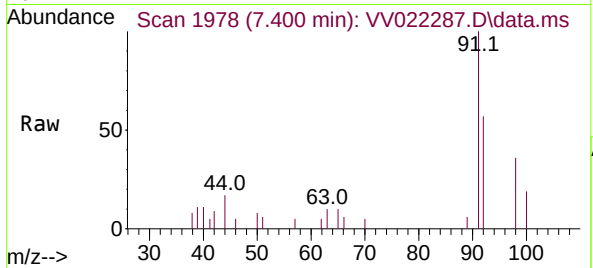




#42
Toluene
Concen: 0.119 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.010 min
Lab File: VV022287.D
Acq: 23 Sep 2021 16:32

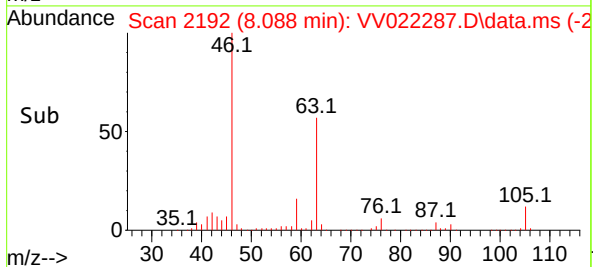
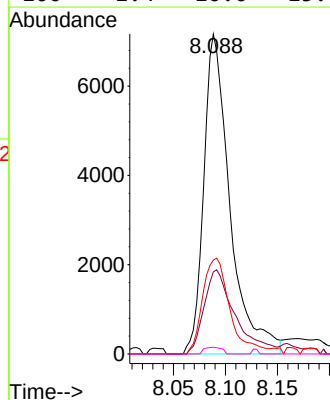
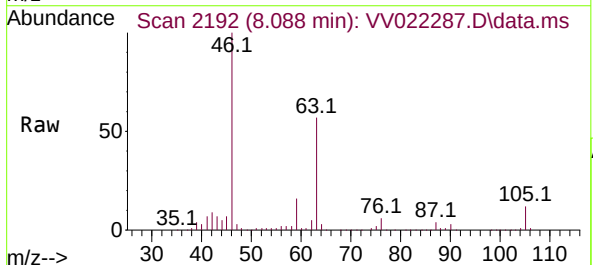
Instrument :
MSVOA_V
ClientSampled :

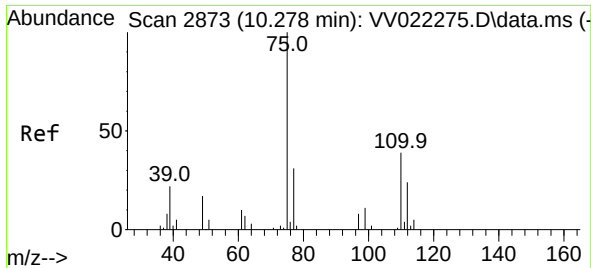
Tgt Ion: 91 Resp: 4661
Ion Ratio Lower Upper
91 100
92 57.0 40.6 75.4



#48
2-Hexanone
Concen: 2.969 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.055 min
Lab File: VV022287.D
Acq: 23 Sep 2021 16:32

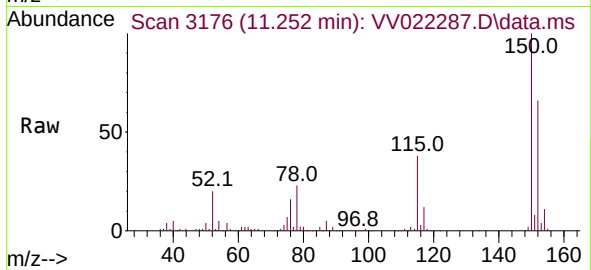
Tgt Ion: 43 Resp: 12571
Ion Ratio Lower Upper
43 100
58 31.2 44.1 66.1#
57 31.3 14.2 21.4#
100 1.4 10.0 15.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.366 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.974 min
 Lab File: VV022287.D
 Acq: 23 Sep 2021 16:32

Instrument :
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 ClientSampleId :



Tgt Ion:	75	Resp:	7644
Ion	Ratio	Lower	Upper
75	100		
77	34.6	25.5	38.3
110	3.0	31.7	47.5#

