

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006972.D
 Acq On : 06 Dec 2021 19:31
 Operator : SY/MD
 Sample : M4887-20
 Misc : 5.47g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:49:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

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

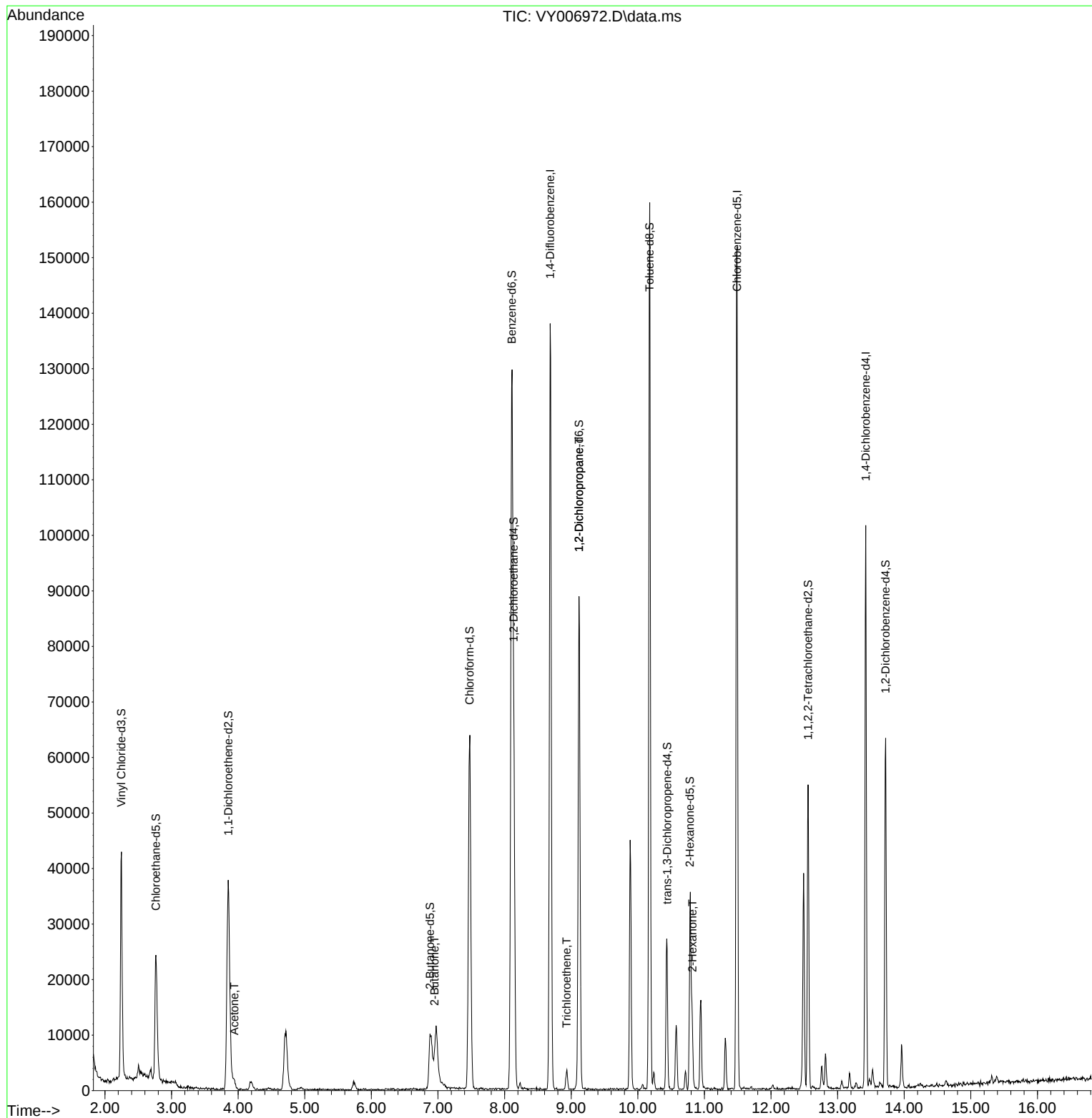
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	106421	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	75038	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	22720	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	43924	32.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.200%
7) Chloroethane-d5	2.765	69	29646	27.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.280%
11) 1,1-Dichloroethene-d2	3.850	63	42023	14.748	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.000%
21) 2-Butanone-d5	6.880	46	19014	35.917	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.840%
24) Chloroform-d	7.472	84	62109	23.418	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	8.136	65	39018	24.510	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.040%
32) Benzene-d6	8.106	84	112145	28.135	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.520%
36) 1,2-Dichloropropane-d6	9.118	67	41018	32.752	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.000%#
41) Toluene-d8	10.179	98	96910	25.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.840%
43) trans-1,3-Dichloroprop...	10.441	79	14450	23.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.782	63	9812	33.851	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.700%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	26059	24.975	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.920%
66) 1,2-Dichlorobenzene-d4	13.721	152	14570	19.665	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.640%
Target Compounds						
					Qvalue	
13) Acetone	3.942	43	2619	5.398	ug/L	78
22) 2-Butanone	6.947	43	6505	9.585	ug/L #	49
34) Trichloroethene	8.929	95	1038	0.835	ug/L	73
37) 1,2-Dichloropropane	9.118	63	4718	3.648	ug/L #	87
48) 2-Hexanone	10.819	43	9677	13.000	ug/L #	41

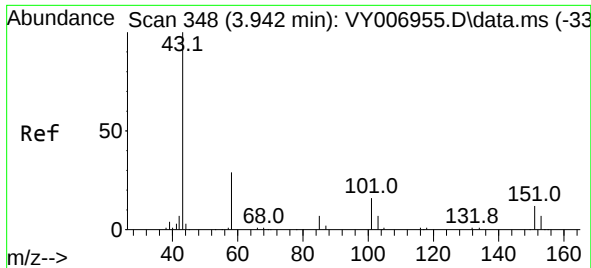
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 07 00:43:47 2021
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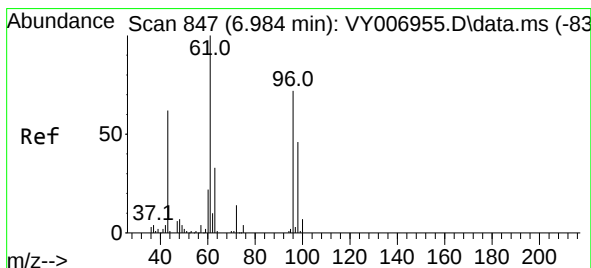
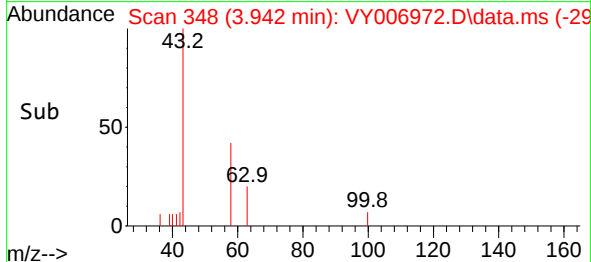
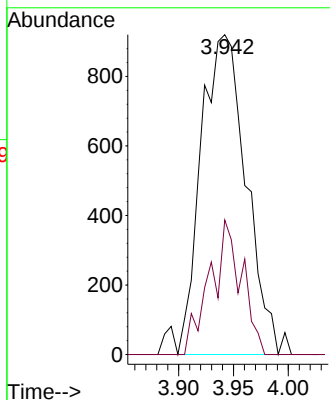
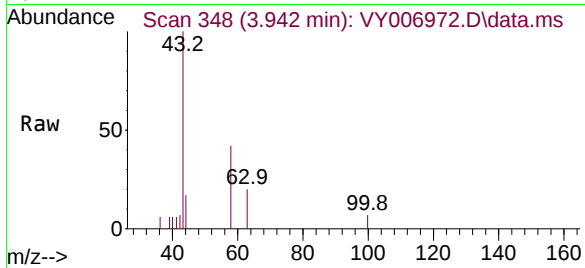




#13
Acetone
Concen: 5.398 ug/L
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY006972.D
Acq: 06 Dec 2021 19:31

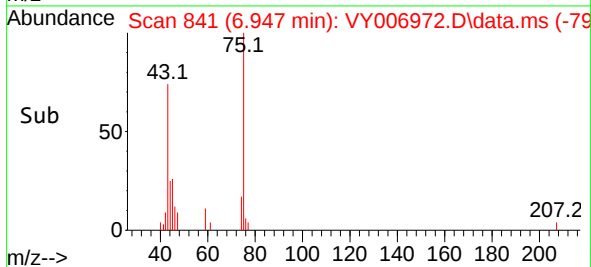
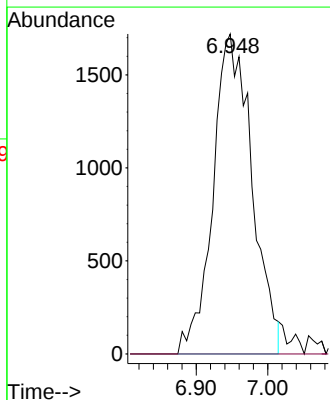
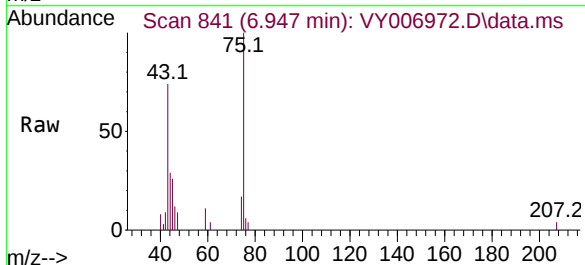
Instrument :
MSVOA_Y
ClientSampleId :

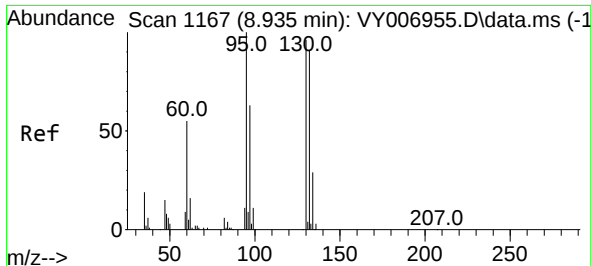
Tgt Ion: 43 Resp: 2619
Ion Ratio Lower Upper
43 100
58 18.5 0.0 60.8



#22
2-Butanone
Concen: 9.585 ug/L
RT: 6.947 min Scan# 841
Delta R.T. -0.037 min
Lab File: VY006972.D
Acq: 06 Dec 2021 19:31

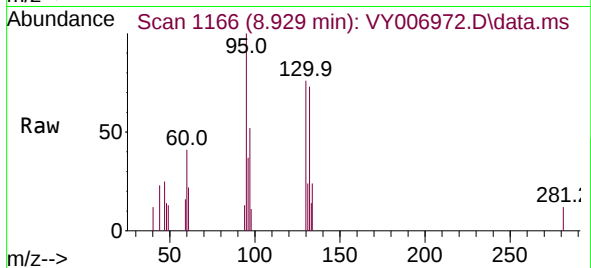
Tgt Ion: 43 Resp: 6505
Ion Ratio Lower Upper
43 100
72 0.0 12.9 38.6#



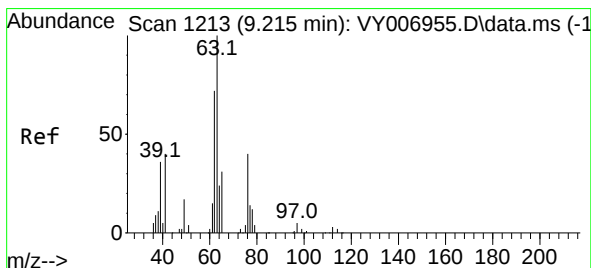
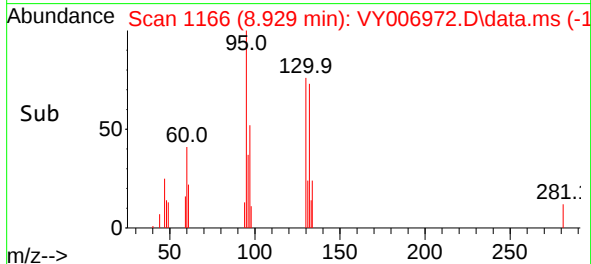
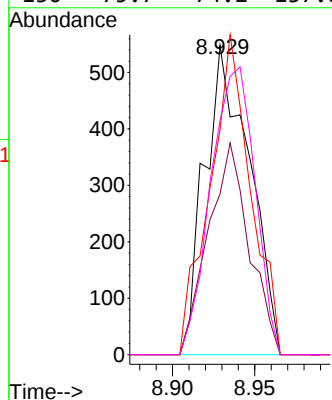


#34
Trichloroethene
Concen: 0.835 ug/L
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY006972.D
Acq: 06 Dec 2021 19:31

Instrument :
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ClientSampleId :

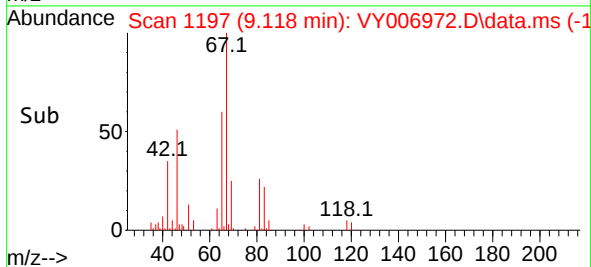
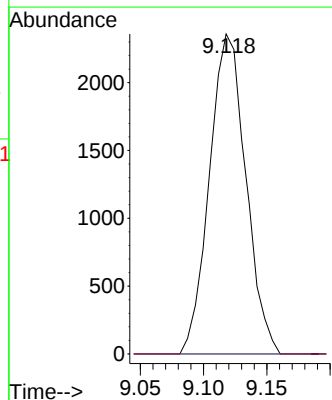
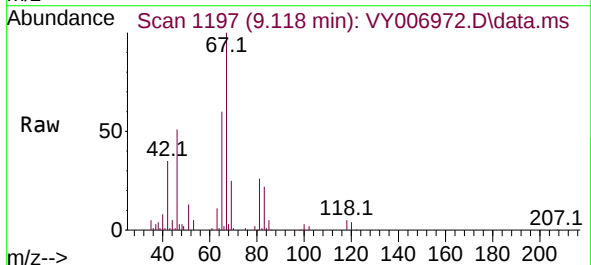


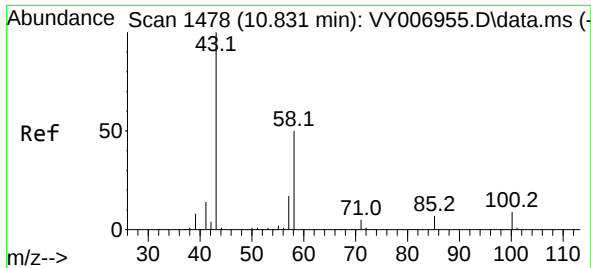
Tgt Ion: 95	Resp: 1038
Ion Ratio	Lower Upper
95 100	
97 52.0	47.3 87.8
132 72.6	71.3 132.5
130 75.7	74.2 137.8



#37
1,2-Dichloropropane
Concen: 3.648 ug/L
RT: 9.118 min Scan# 1197
Delta R.T. -0.098 min
Lab File: VY006972.D
Acq: 06 Dec 2021 19:31

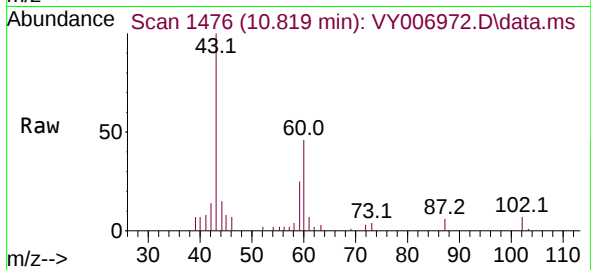
Tgt Ion: 63	Resp: 4718		
Ion Ratio	Lower	Upper	
63 100			
112 0.0	3.4	5.2#	





#48
 2-Hexanone
 Concen: 13.000 ug/L
 RT: 10.819 min Scan# 14
 Delta R.T. -0.012 min
 Lab File: VY006972.D
 Acq: 06 Dec 2021 19:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 43	Resp:	9677
Ion	Ratio	Lower Upper
43	100	
58	0.8	39.9 59.9#
57	0.0	14.2 21.4#
100	0.0	8.2 12.4#

