

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071422\
 Data File : VW023706.D
 Acq On : 14 Jul 2022 17:38
 Operator : SY/VA
 Sample : N3698-02RE
 Misc : 5.79g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 15 03:44:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 15 03:40:01 2022
 Response via : Initial Calibration

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

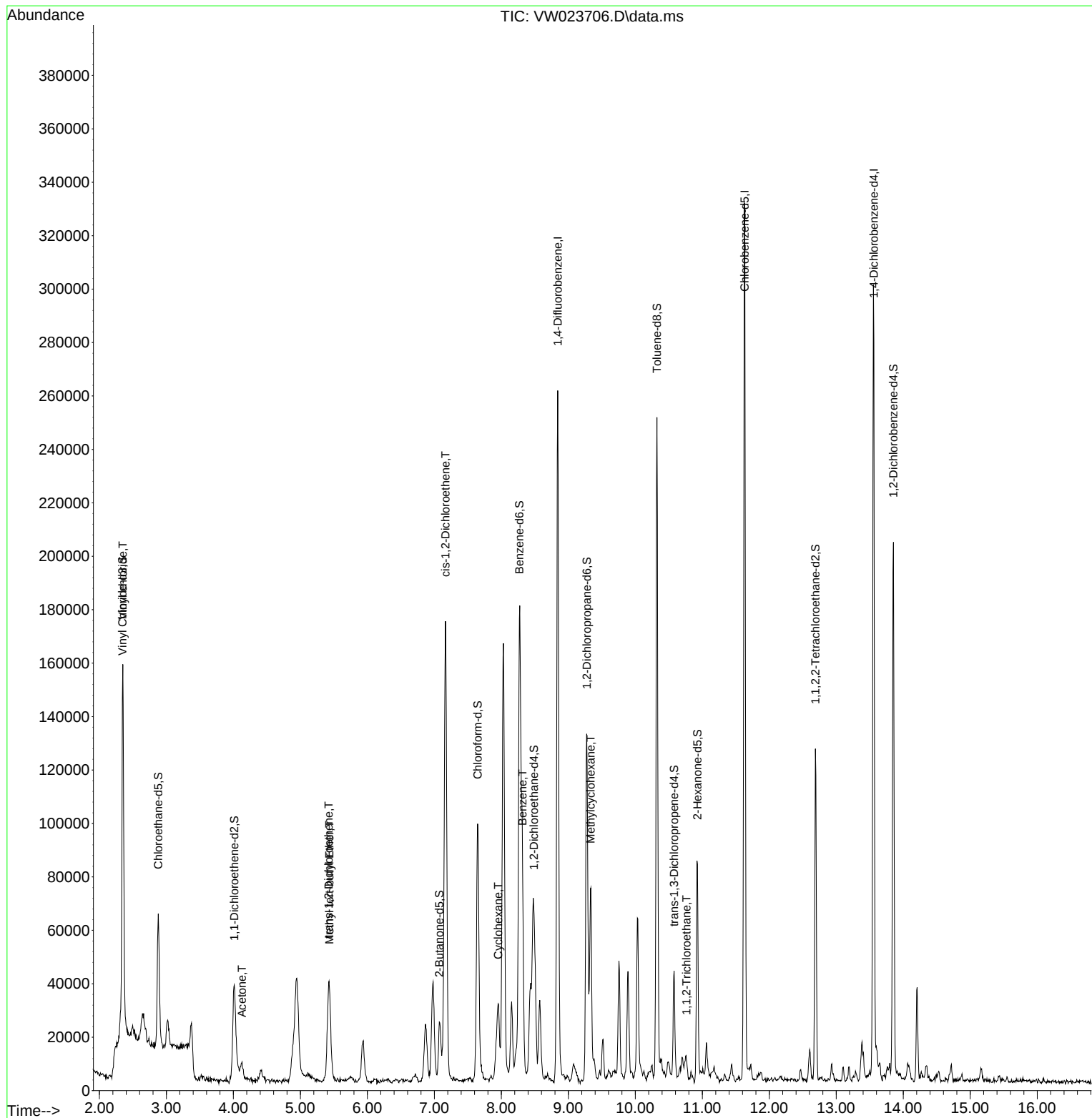
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	191433	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	166850	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	69278	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	76497	15.646	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.600%
7) Chloroethane-d5	2.879	69	58702	17.997	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	4.013	63	38503	9.671	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	38.680%#
21) 2-Butanone-d5	7.074	46	34806	45.895	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.780%
24) Chloroform-d	7.647	84	91084	16.342	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.360%
26) 1,2-Dichloroethane-d4	8.488	65	1039	0.305	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	1.200%#
32) Benzene-d6	8.269	84	167858	19.353	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	9.275	67	52873	20.238	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.960%
41) Toluene-d8	10.323	98	147121	16.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.880%
43) trans-1,3-Dichloroprop...	10.579	79	20391	16.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.600%
47) 2-Hexanone-d5	10.927	63	24679	44.922	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.840%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	55041	19.064	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	45067	18.223	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.880%#
Target Compounds						Qvalue
5) Vinyl chloride	2.349	62	87445	15.985	ug/L	97
13) Acetone	4.129	43	9925	18.510	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	3702	1.504	ug/L	79
18) Methyl tert-butyl Ether	5.434	73	6639	1.743	ug/L #	1
20) cis-1,2-Dichloroethene	7.165	96	89516	32.818	ug/L #	94
29) Cyclohexane	7.952	56	12884	4.222	ug/L	94
33) Benzene	8.317	78	26407	2.785	ug/L	100
35) Methylcyclohexane	9.335	83	23634	6.199	ug/L #	87
45) 1,1,2-Trichloroethane	10.762	97	1864	0.897	ug/L #	28

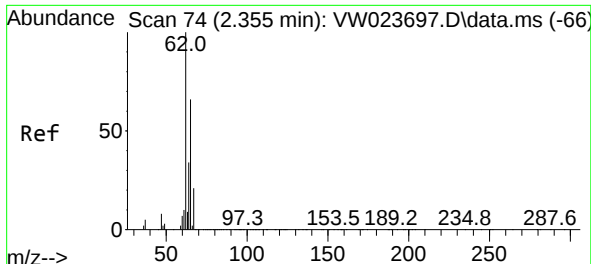
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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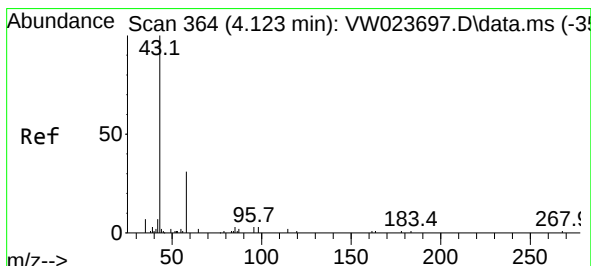
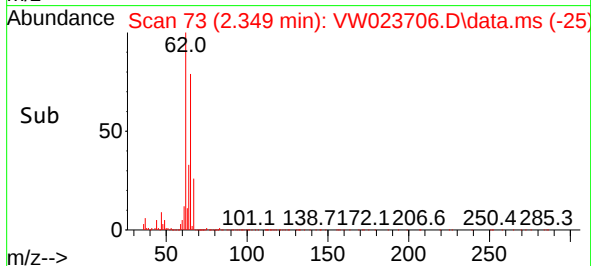
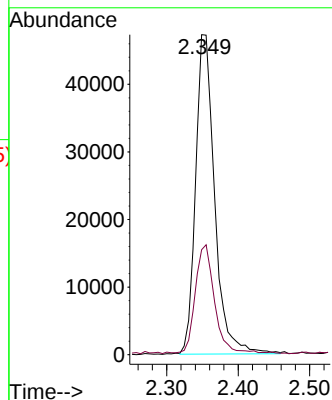
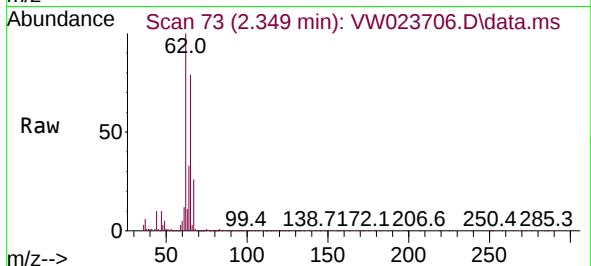




#5
 Vinyl chloride
 Concen: 15.985 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW023706.D
 Acq: 14 Jul 2022 17:38

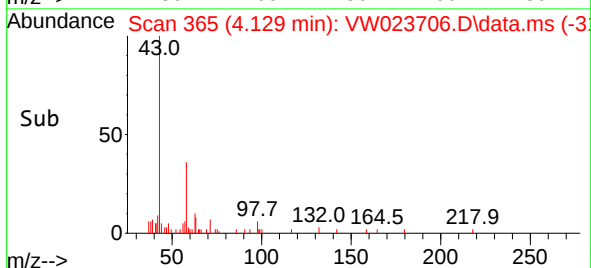
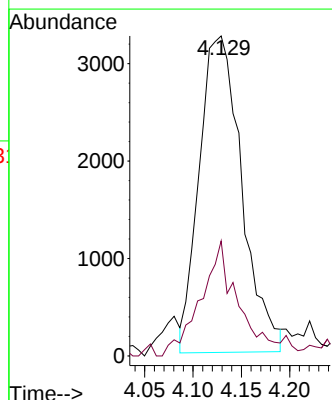
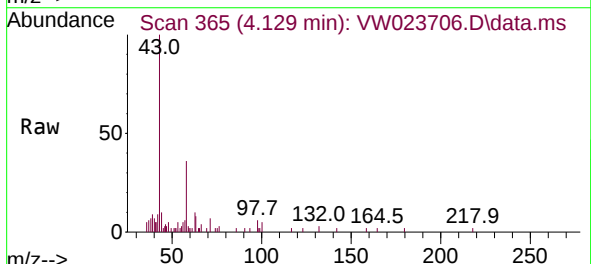
Instrument :
 MSVOA_W
 ClientSampleId :

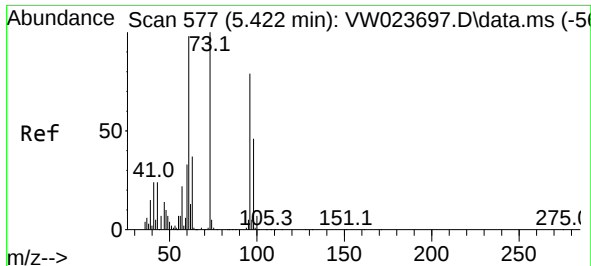
Tgt Ion: 62 Resp: 87445
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.0 44.6



#13
 Acetone
 Concen: 18.510 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.006 min
 Lab File: VW023706.D
 Acq: 14 Jul 2022 17:38

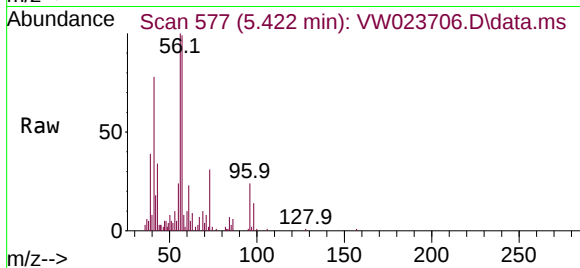
Tgt Ion: 43 Resp: 9925
 Ion Ratio Lower Upper
 43 100
 58 30.4 0.0 64.2





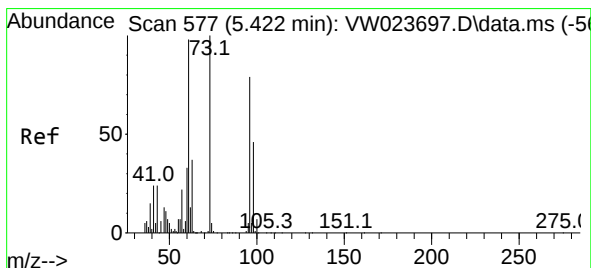
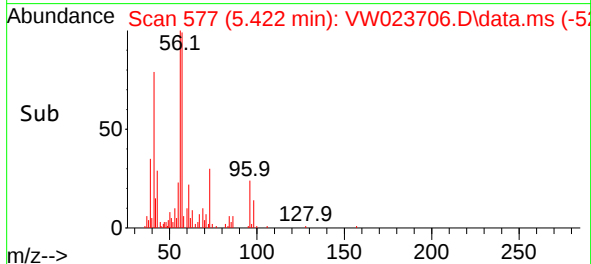
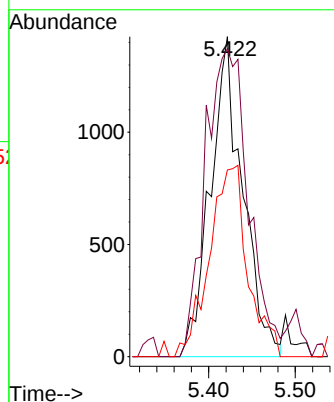
#17
trans-1,2-Dichloroethene
Concen: 1.504 ug/L
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023706.D
Acq: 14 Jul 2022 17:38

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 3702

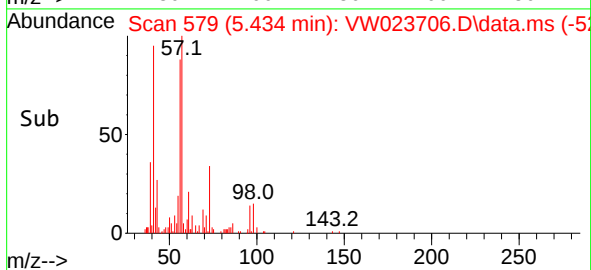
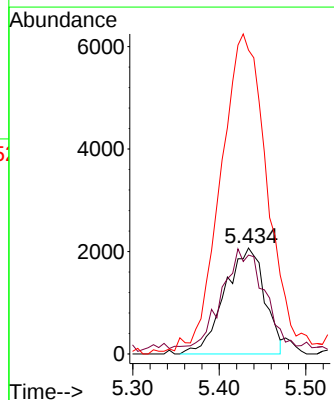
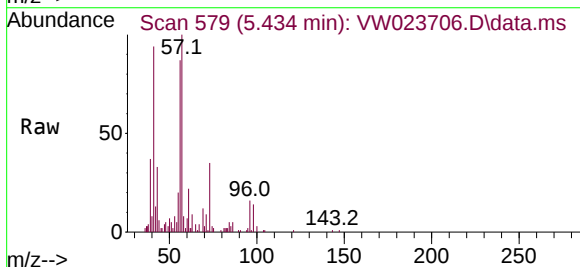
Ion	Ratio	Lower	Upper
96	100		
61	96.3	90.8	168.6
98	58.3	42.8	79.6

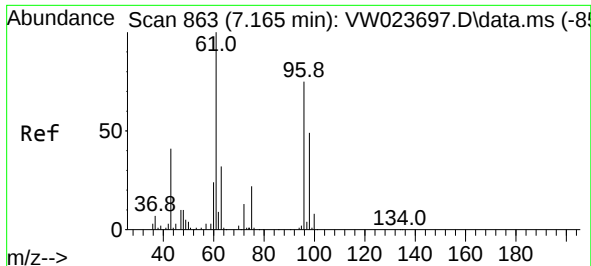


#18
Methyl tert-butyl Ether
Concen: 1.743 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW023706.D
Acq: 14 Jul 2022 17:38

Tgt Ion: 73 Resp: 6639

Ion	Ratio	Lower	Upper
73	100		
43	50.6	17.6	26.4#
57	319.8	16.8	25.2#

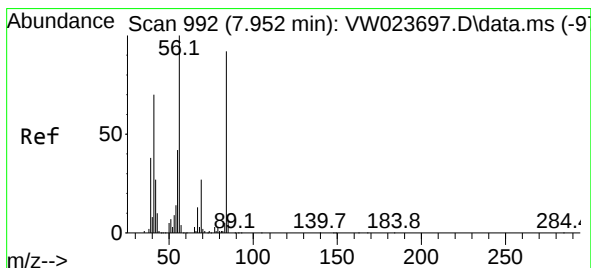
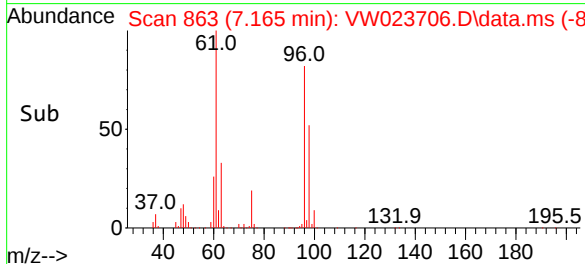
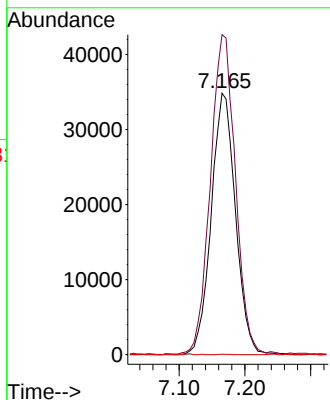
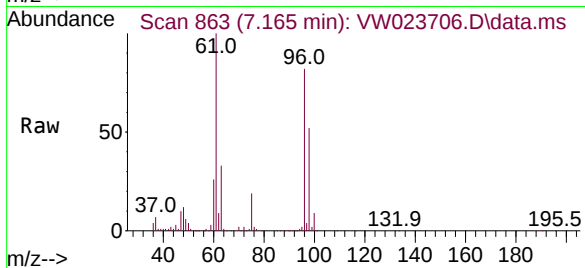




#20
 cis-1,2-Dichloroethene
 Concen: 32.818 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023706.D
 Acq: 14 Jul 2022 17:38

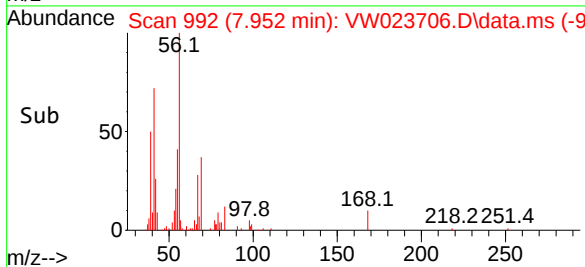
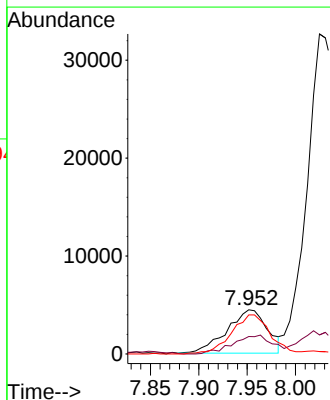
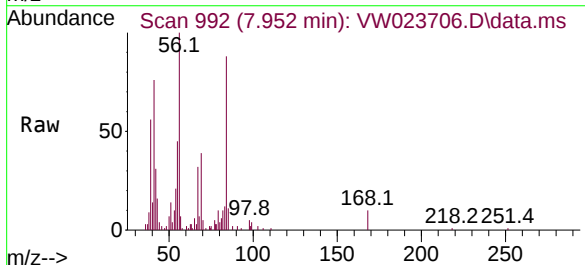
Instrument :
 MSVOA_W
 ClientSampleId :

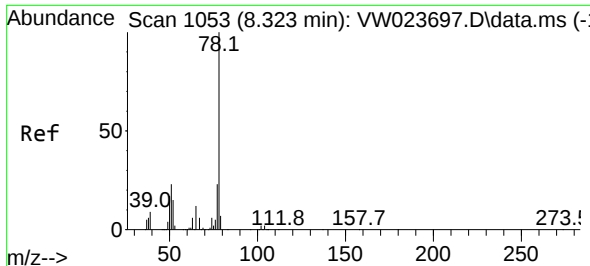
Tgt Ion: 96 Resp: 89516
 Ion Ratio Lower Upper
 96 100
 61 122.4 90.6 168.2
 68 0.2 0.2 0.4#



#29
 Cyclohexane
 Concen: 4.222 ug/L
 RT: 7.952 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VW023706.D
 Acq: 14 Jul 2022 17:38

Tgt Ion: 56 Resp: 12884
 Ion Ratio Lower Upper
 56 100
 69 30.2 25.4 38.0
 84 86.4 75.0 112.4

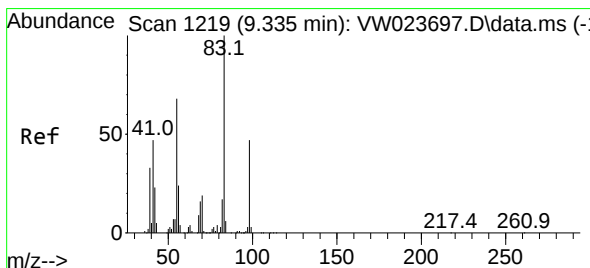
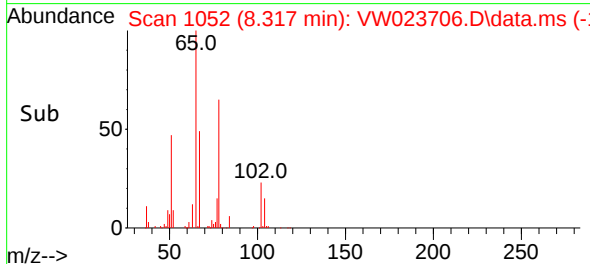
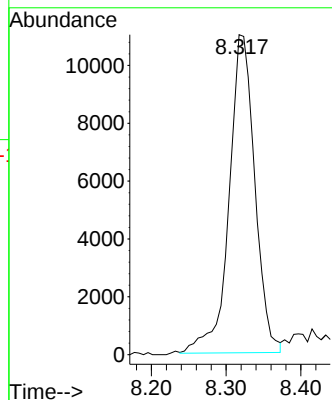
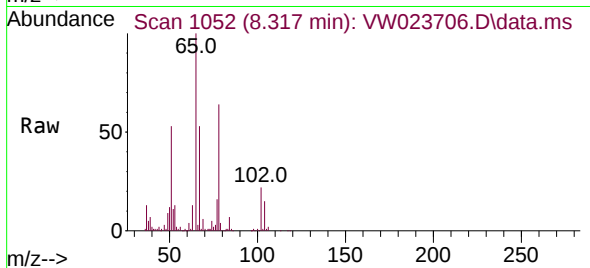




#33
Benzene
Concen: 2.785 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW023706.D
Acq: 14 Jul 2022 17:38

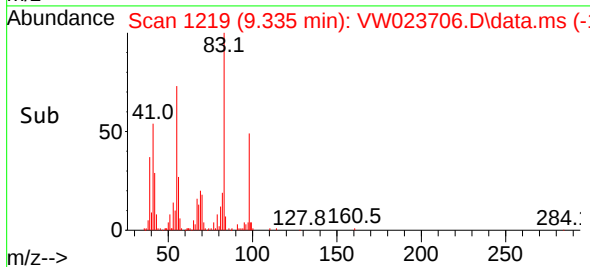
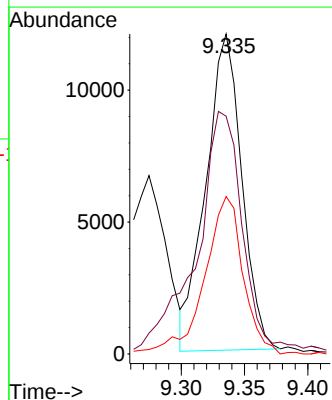
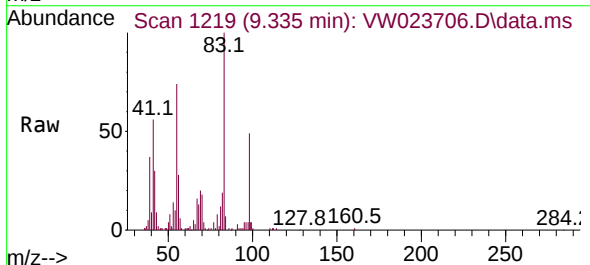
Instrument :
MSVOA_W
ClientSampleId :

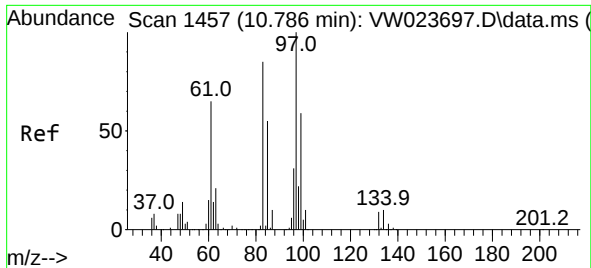
Tgt Ion: 78 Resp: 26407



#35
Methylcyclohexane
Concen: 6.199 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023706.D
Acq: 14 Jul 2022 17:38

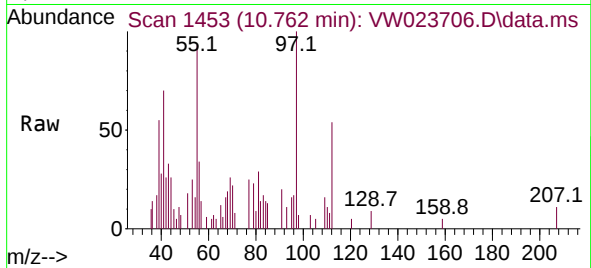
Tgt Ion: 83 Resp: 23634
Ion Ratio Lower Upper
83 100
55 93.4 60.8 91.2#
98 50.1 39.5 59.3





#45
 1,1,2-Trichloroethane
 Concen: 0.897 ug/L
 RT: 10.762 min Scan# 14
 Delta R.T. -0.024 min
 Lab File: VW023706.D
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 MSVOA_W
 ClientSampleId :



Tgt Ion: 97	Resp:	1864
Ion	Ratio	Lower Upper
97	100	
99	0.0	44.2 82.2#
83	17.5	59.8 111.0#
85	13.0	37.5 69.6#

