

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071422\
 Data File : VW023710.D
 Acq On : 14 Jul 2022 19:17
 Operator : SY/VA
 Sample : N3698-08RE
 Misc : 6.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B73

Quant Time: Jul 15 03:45:11 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

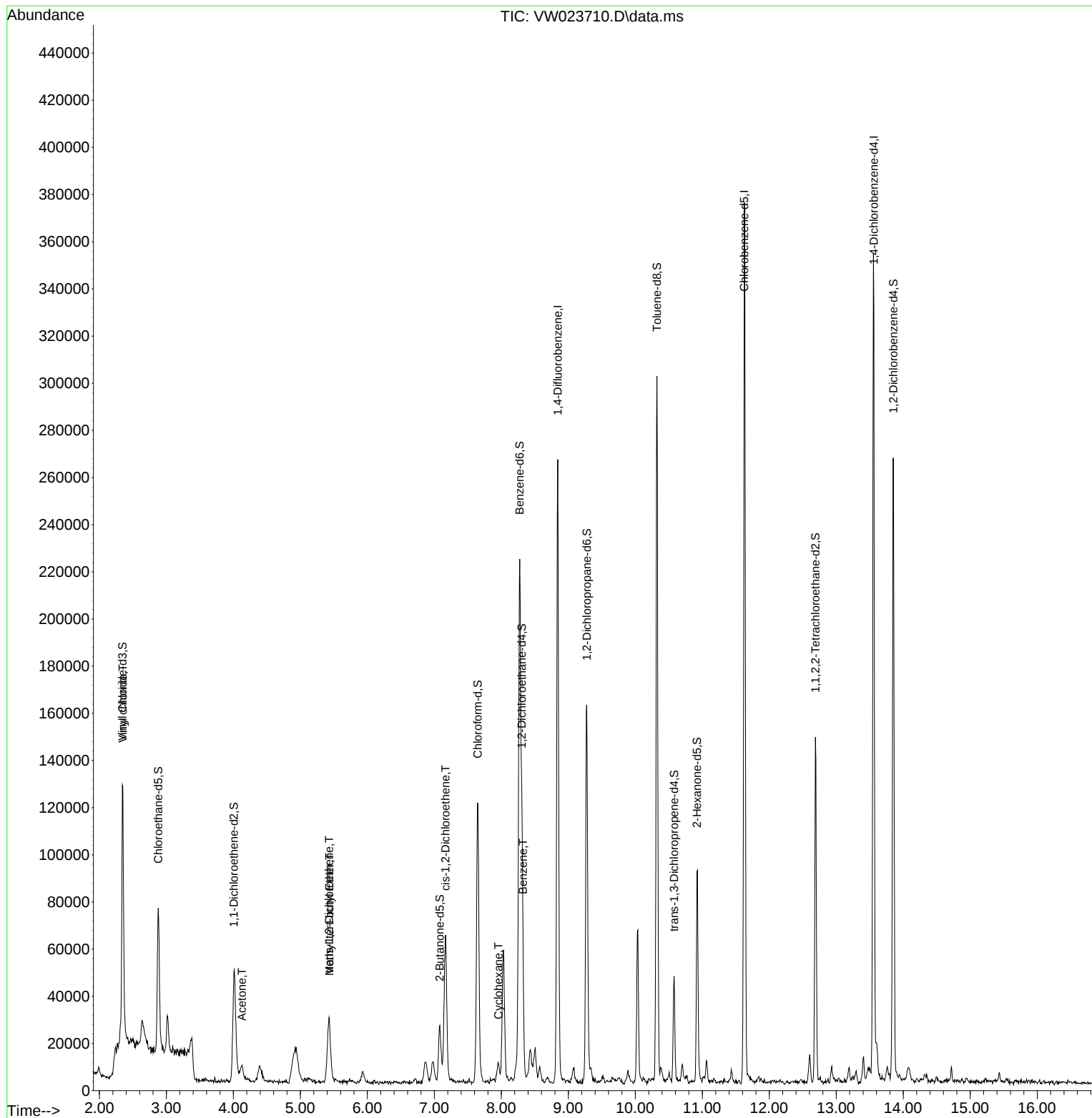
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	199204	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	188442	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	80924	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	90379	17.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.040%
7) Chloroethane-d5	2.879	69	74493	21.947	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	4.007	63	47448	11.453	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.800%
21) 2-Butanone-d5	7.080	46	36937	46.805	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.600%
24) Chloroform-d	7.647	84	111806	19.278	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.120%
26) 1,2-Dichloroethane-d4	8.305	65	69096	19.479	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.920%
32) Benzene-d6	8.275	84	207716	21.205	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	9.274	67	64968	22.018	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.080%
41) Toluene-d8	10.323	98	185126	18.632	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.520%
43) trans-1,3-Dichloroprop...	10.579	79	22146	16.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.040%
47) 2-Hexanone-d5	10.921	63	26560	42.806	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.620%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	64889	19.899	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	60502	20.944	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.760%
Target Compounds						
5) Vinyl chloride	2.349	62	33446	5.875	ug/L	95
13) Acetone	4.129	43	10669	19.122	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	4115	1.606	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	4084	1.030	ug/L #	1
20) cis-1,2-Dichloroethene	7.165	96	29253	10.306	ug/L #	88
29) Cyclohexane	7.958	56	2934	0.851	ug/L	97
33) Benzene	8.323	78	21793	2.035	ug/L	100

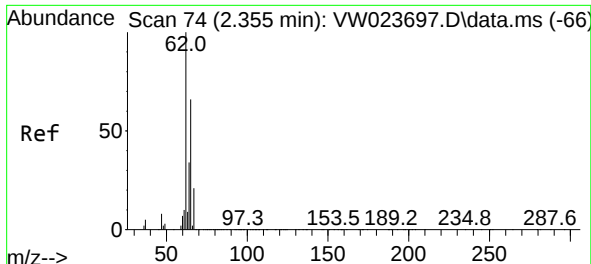
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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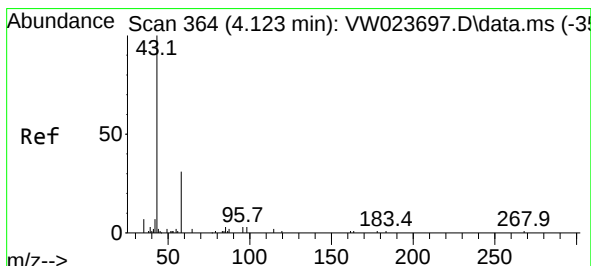
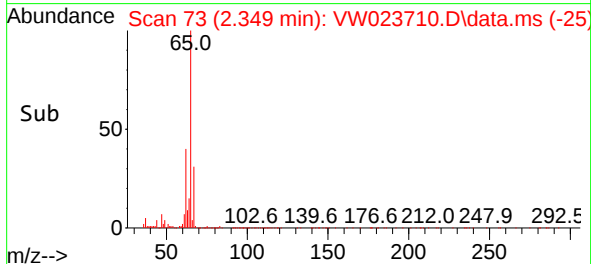
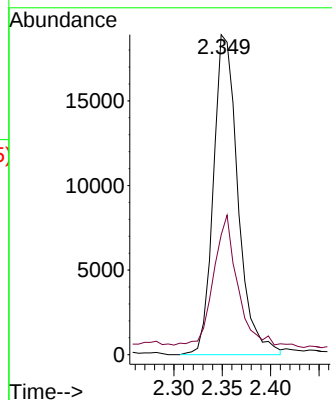
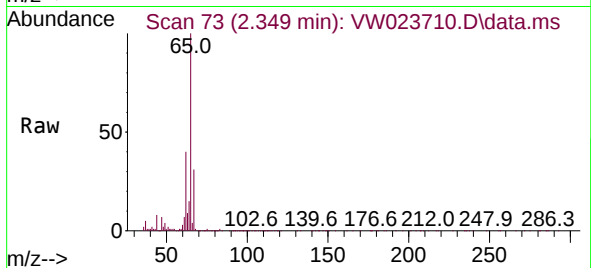




#5
 Vinyl chloride
 Concen: 5.875 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW023710.D
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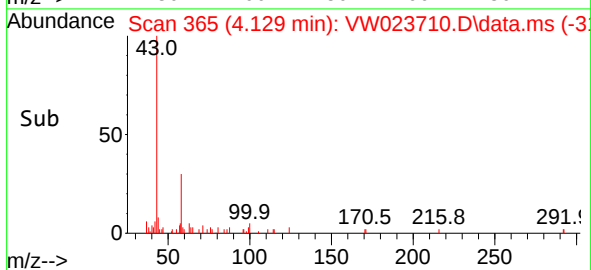
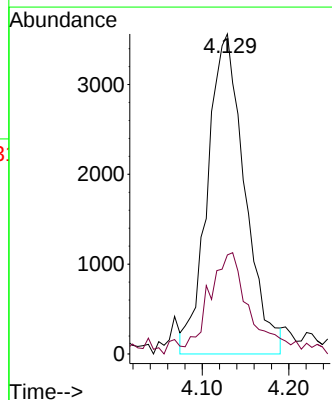
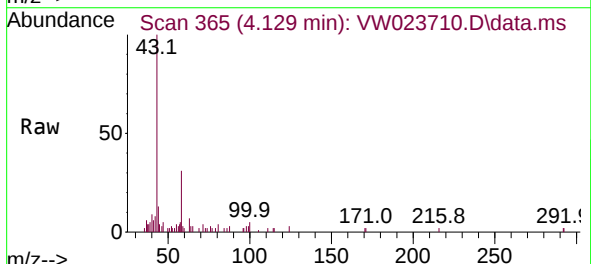
Instrument :
 MSVOA_W
 ClientSampleId :
 F5B73

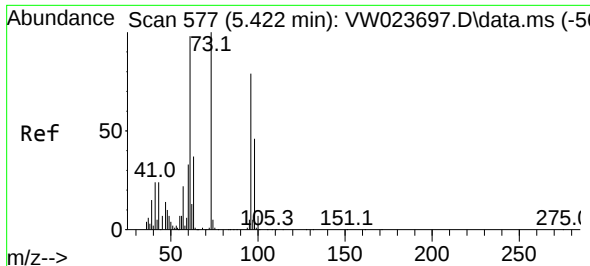
Tgt Ion: 62 Resp: 33446
 Ion Ratio Lower Upper
 62 100
 64 37.4 24.0 44.6



#13
 Acetone
 Concen: 19.122 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.006 min
 Lab File: VW023710.D
 Acq: 14 Jul 2022 19:17

Tgt Ion: 43 Resp: 10669
 Ion Ratio Lower Upper
 43 100
 58 30.1 0.0 64.2

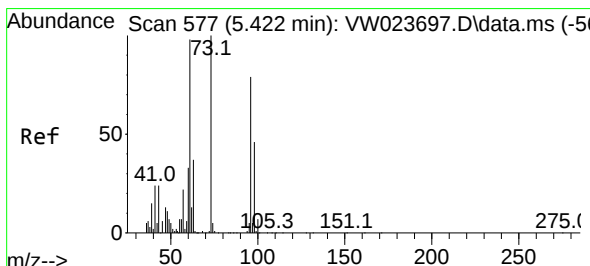
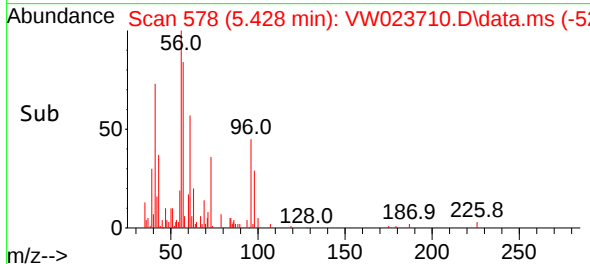
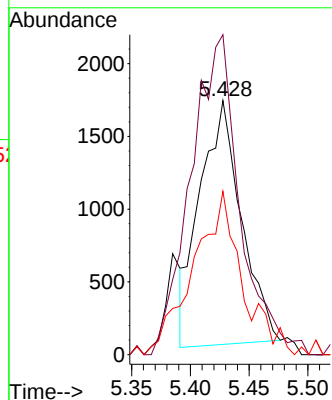
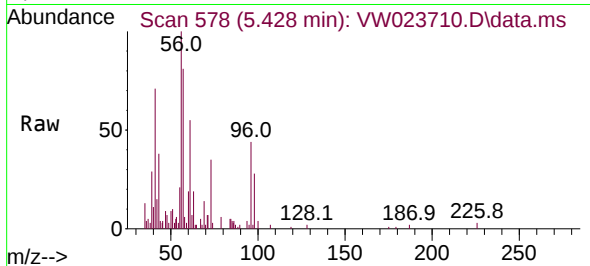




#17
trans-1,2-Dichloroethene
Concen: 1.606 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW023710.D
Acq: 14 Jul 2022 19:17

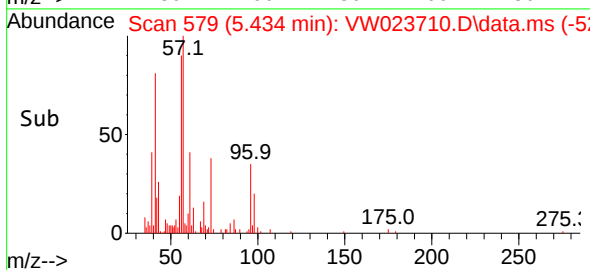
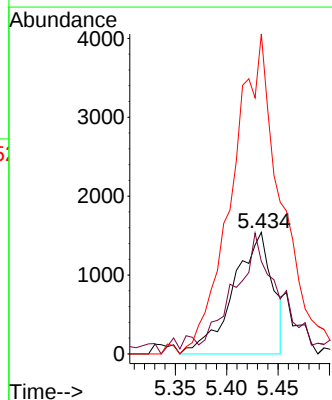
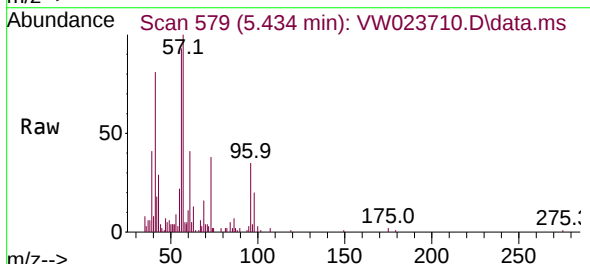
Instrument :
MSVOA_W
ClientSampleId :
F5B73

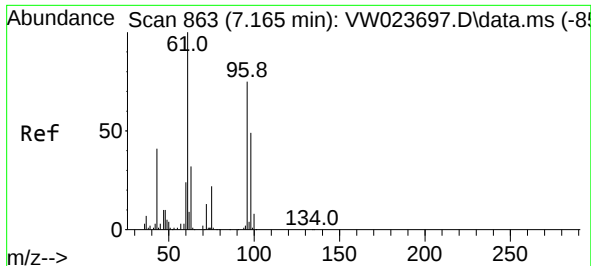
Tgt Ion: 96 Resp: 4115
Ion Ratio Lower Upper
96 100
61 125.9 90.8 168.6
98 64.3 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 1.030 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW023710.D
Acq: 14 Jul 2022 19:17

Tgt Ion: 73 Resp: 4084
Ion Ratio Lower Upper
73 100
43 0.0 17.6 26.4#
57 154.0 16.8 25.2#

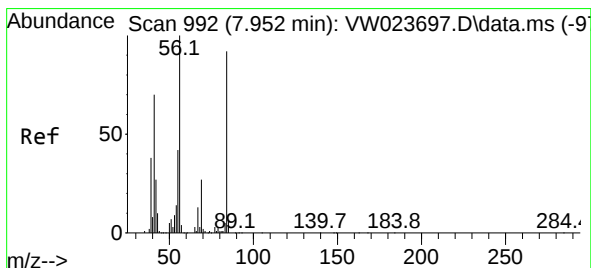
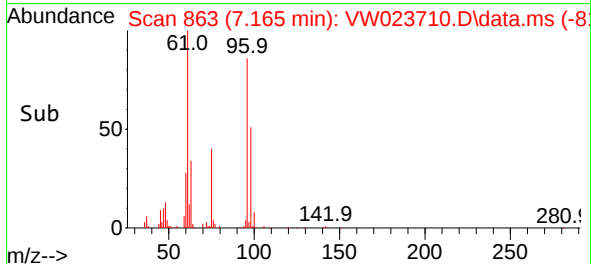
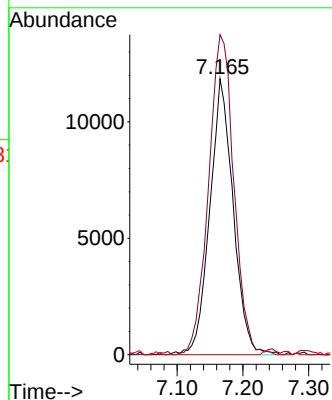
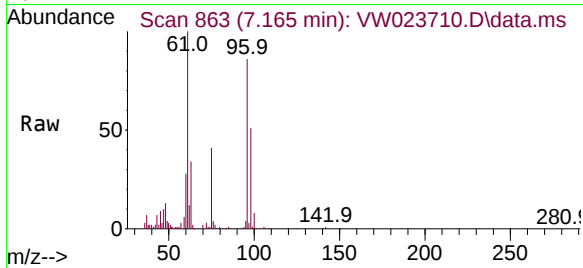




#20
 cis-1,2-Dichloroethene
 Concen: 10.306 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023710.D
 Acq: 14 Jul 2022 19:17

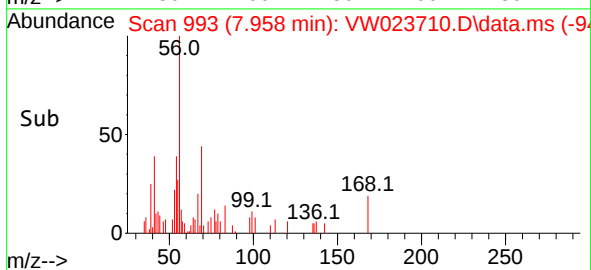
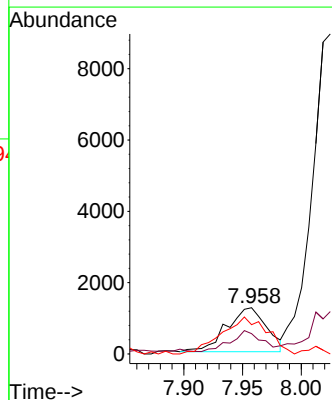
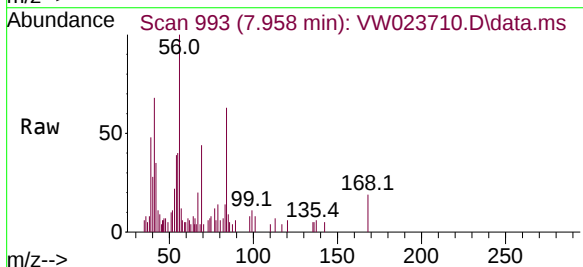
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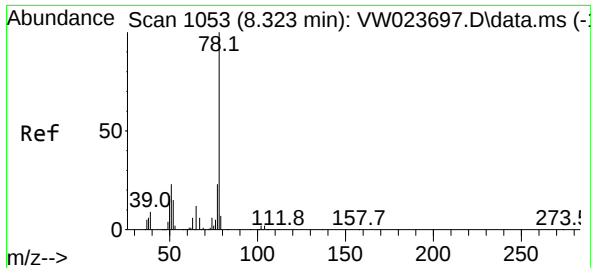
Tgt Ion: 96 Resp: 29253
 Ion Ratio Lower Upper
 96 100
 61 115.9 90.6 168.2
 68 0.0 0.2 0.4#



#29
 Cyclohexane
 Concen: 0.851 ug/L
 RT: 7.958 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VW023710.D
 Acq: 14 Jul 2022 19:17

Tgt Ion: 56 Resp: 2934
 Ion Ratio Lower Upper
 56 100
 69 35.3 25.4 38.0
 84 95.6 75.0 112.4





#33

Benzene

Concen: 2.035 ug/L

RT: 8.323 min Scan# 10

Delta R.T. 0.000 min

Lab File: VW023710.D

Acq: 14 Jul 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 78 Resp: 21793

