

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023681.D
 Acq On : 14 Jul 2022 06:21
 Operator : SY/VA
 Sample : N3698-01
 Misc : 5.99g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B66

Quant Time: Jul 14 06:42:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 04:56:40 2022
 Response via : Initial Calibration

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

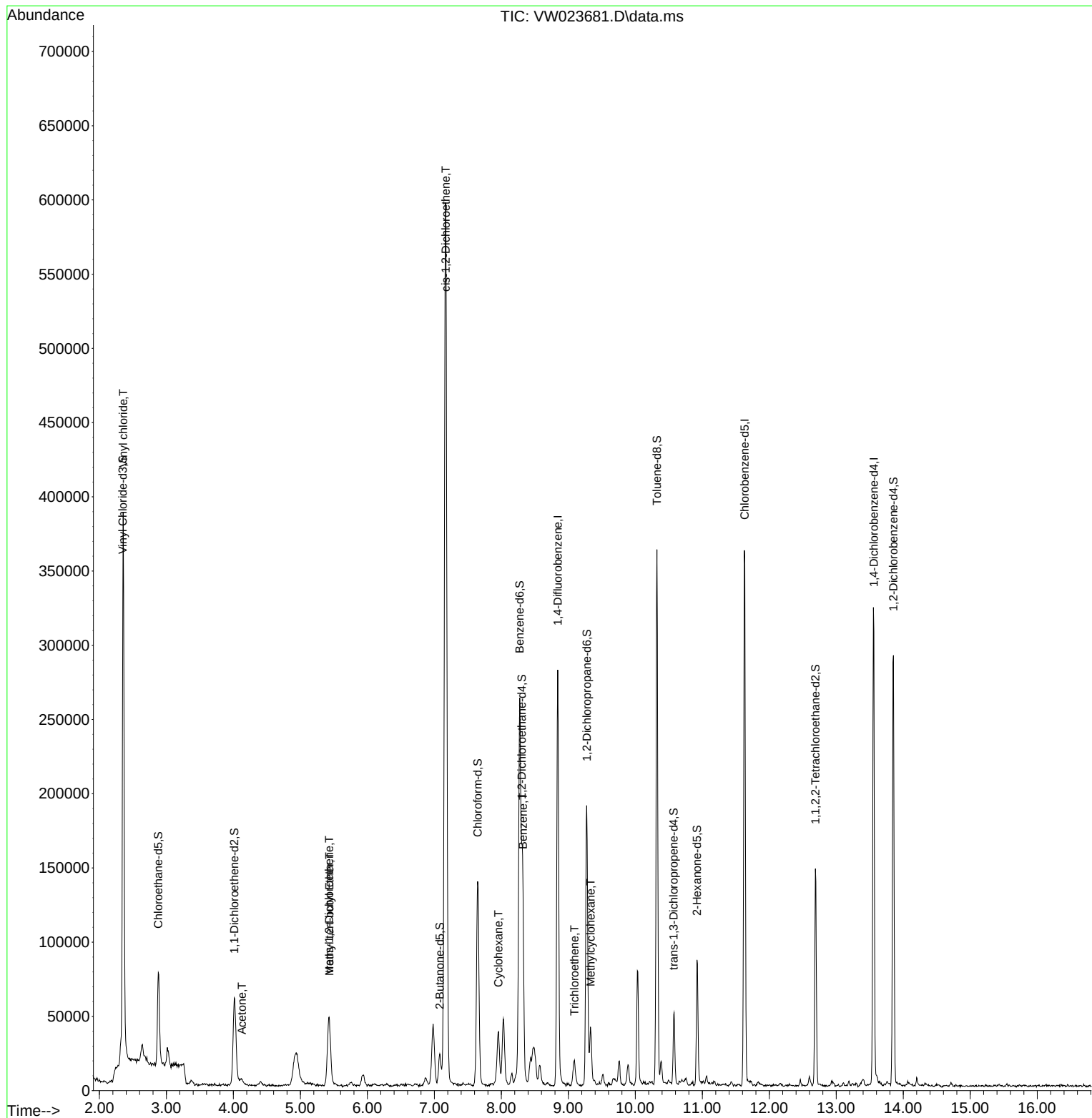
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	212887	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	188352	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	75140	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	97053	17.849	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.400%
7) Chloroethane-d5	2.879	69	75134	20.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.840%
11) 1,1-Dichloroethene-d2	4.013	63	56295	12.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.840%
21) 2-Butanone-d5	7.080	46	32622	38.680	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.360%
24) Chloroform-d	7.647	84	135371	21.841	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.360%
26) 1,2-Dichloroethane-d4	8.305	65	79677	21.018	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.080%
32) Benzene-d6	8.275	84	246673	25.193	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.760%
36) 1,2-Dichloropropane-d6	9.275	67	78186	26.510	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.040%
41) Toluene-d8	10.323	98	223554	22.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.040%
43) trans-1,3-Dichloroprop...	10.573	79	25071	18.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.560%
47) 2-Hexanone-d5	10.921	63	25046	40.386	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.780%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	66286	20.337	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	67361	25.113	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.440%
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	291781	47.962	ug/L	97
13) Acetone	4.129	43	4933	8.273	ug/L	76
17) trans-1,2-Dichloroethene	5.428	96	12505	4.567	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	16596	3.918	ug/L #	41
20) cis-1,2-Dichloroethene	7.171	96	333744	110.025	ug/L #	99
29) Cyclohexane	7.958	56	15790	4.584	ug/L	98
33) Benzene	8.323	78	80325	7.505	ug/L	100
34) Trichloroethene	9.092	95	4070	1.440	ug/L	85
35) Methylcyclohexane	9.335	83	12493	2.903	ug/L	94

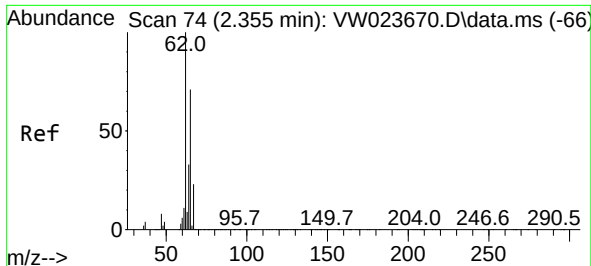
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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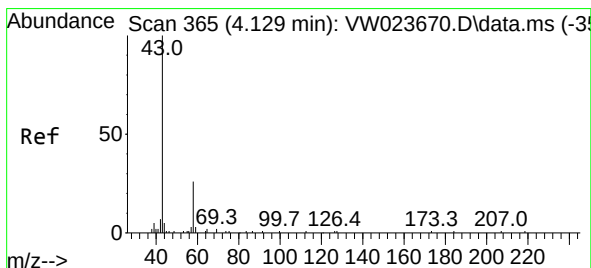
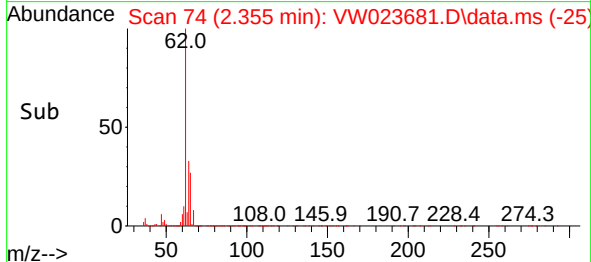
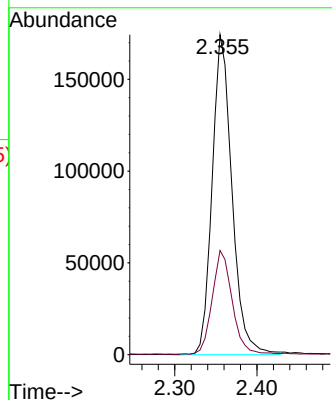
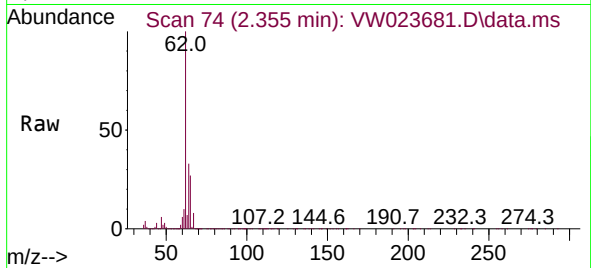




#5
 Vinyl chloride
 Concen: 47.962 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023681.D
 Acq: 14 Jul 2022 06:21

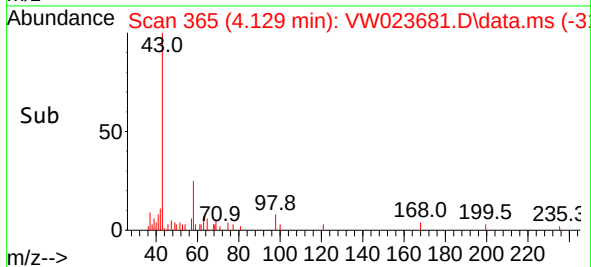
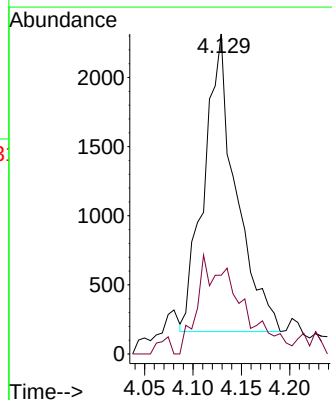
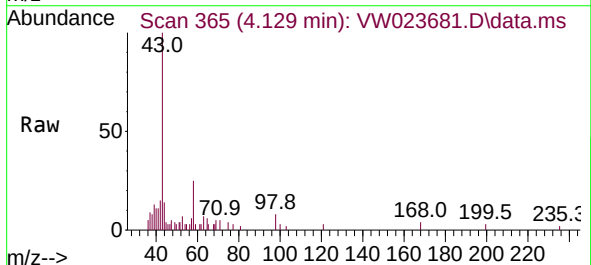
Instrument :
 MSVOA_W
 ClientSampleId :
 F5B66

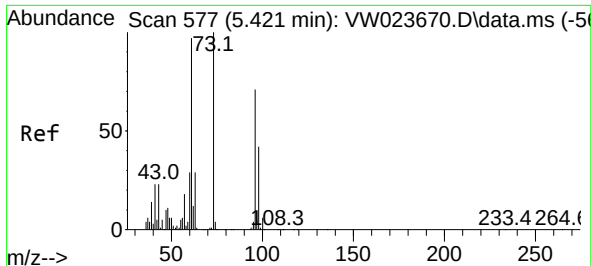
Tgt Ion: 62 Resp: 291781
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.0 44.6



#13
 Acetone
 Concen: 8.273 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.000 min
 Lab File: VW023681.D
 Acq: 14 Jul 2022 06:21

Tgt Ion: 43 Resp: 4933
 Ion Ratio Lower Upper
 43 100
 58 18.5 0.0 64.2

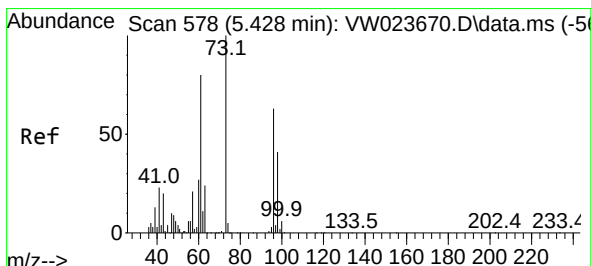
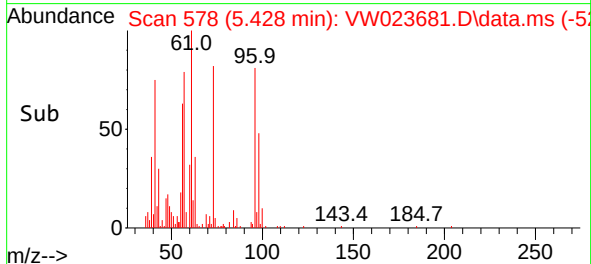
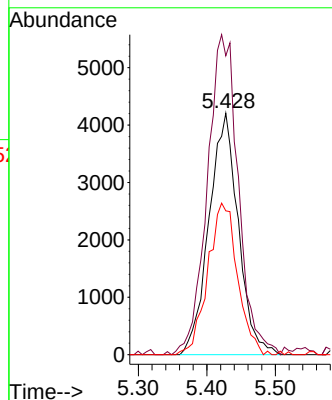
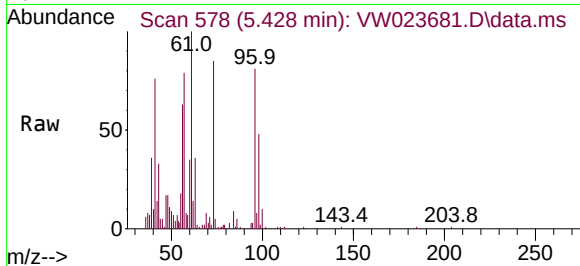




#17
trans-1,2-Dichloroethene
Concen: 4.567 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW023681.D
Acq: 14 Jul 2022 06:21

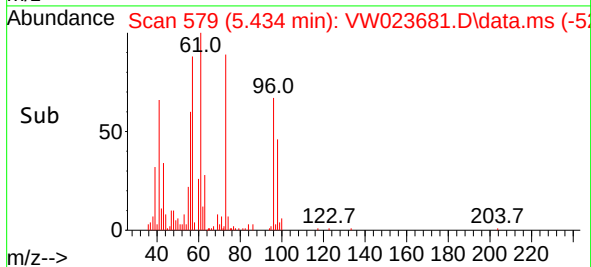
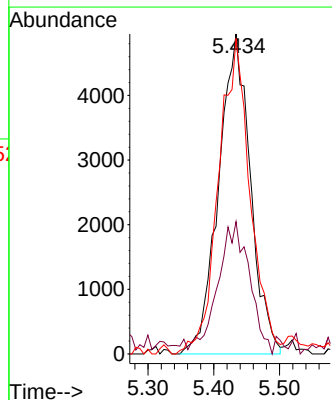
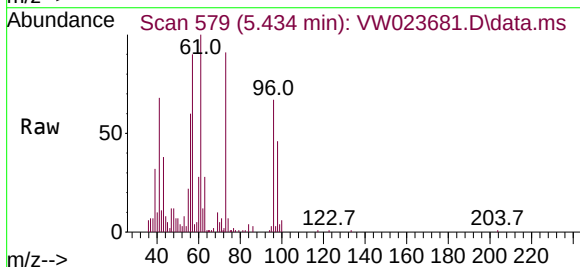
Instrument :
MSVOA_W
ClientSampleId :
F5B66

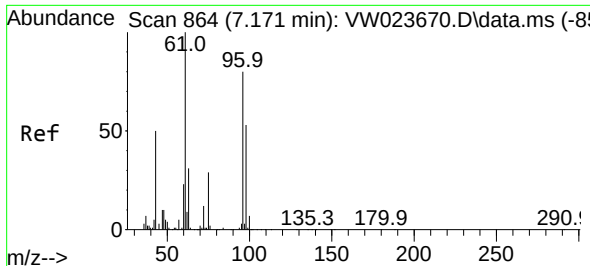
Tgt Ion:	96	Resp:	12505
Ion	Ratio	Lower	Upper
96	100		
61	123.8	90.8	168.6
98	59.6	42.8	79.6



#18
Methyl tert-butyl Ether
Concen: 3.918 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW023681.D
Acq: 14 Jul 2022 06:21

Tgt Ion:	73	Resp:	16596
Ion	Ratio	Lower	Upper
73	100		
43	40.0	17.6	26.4#
57	58.6	16.8	25.2#

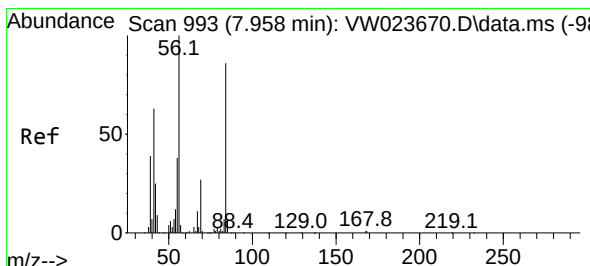
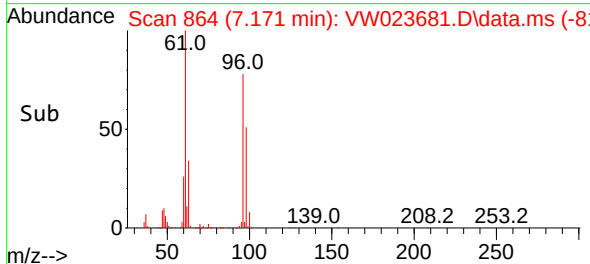
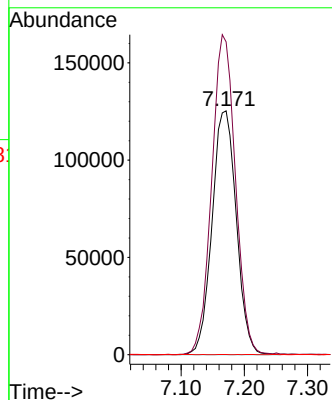
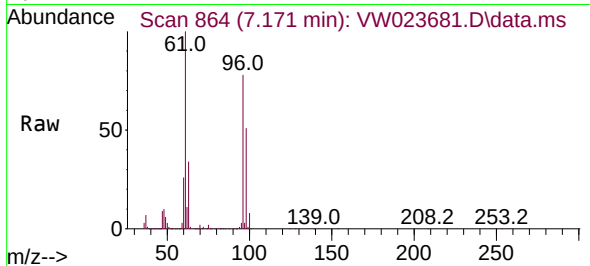




#20
 cis-1,2-Dichloroethene
 Concen: 110.025 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW023681.D
 Acq: 14 Jul 2022 06:21

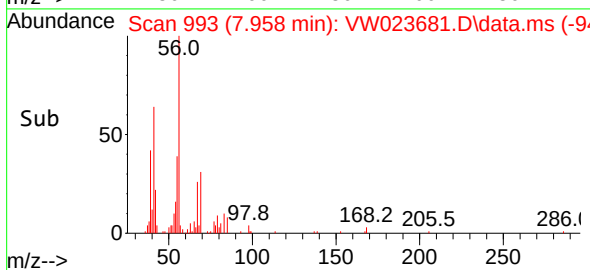
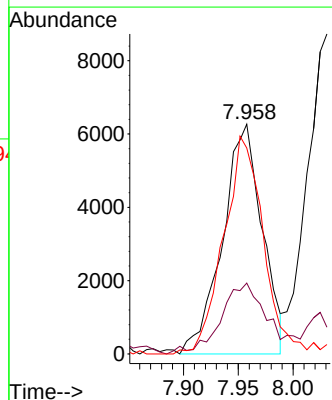
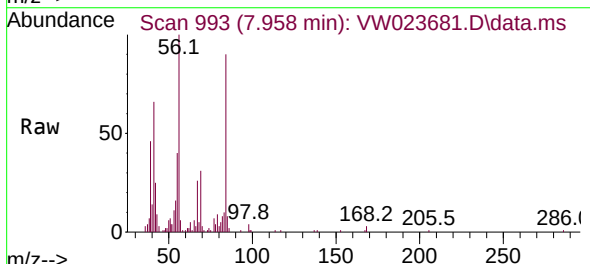
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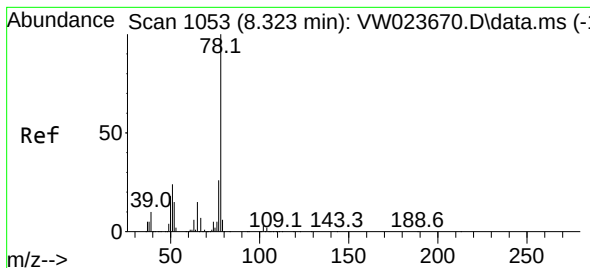
Tgt Ion: 96 Resp: 333744
 Ion Ratio Lower Upper
 96 100
 61 128.2 90.6 168.2
 68 0.1 0.2 0.4#



#29
 Cyclohexane
 Concen: 4.584 ug/L
 RT: 7.958 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VW023681.D
 Acq: 14 Jul 2022 06:21

Tgt Ion: 56 Resp: 15790
 Ion Ratio Lower Upper
 56 100
 69 33.0 25.4 38.0
 84 92.5 75.0 112.4





#33

Benzene

Concen: 7.505 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW023681.D

Acq: 14 Jul 2022 06:21

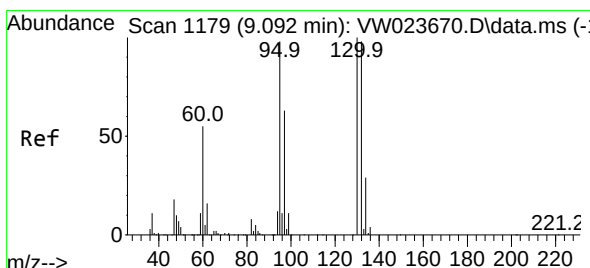
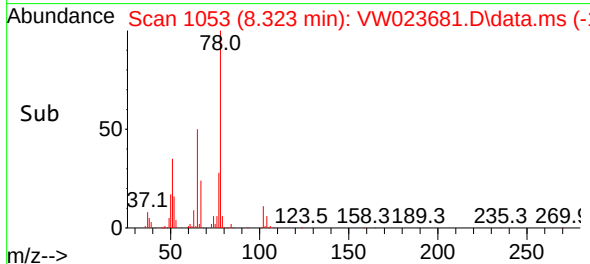
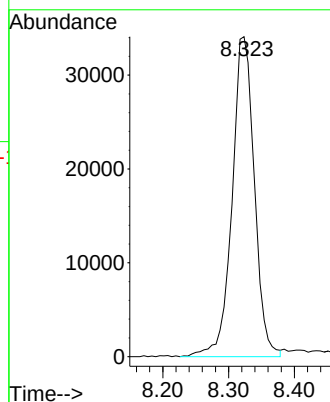
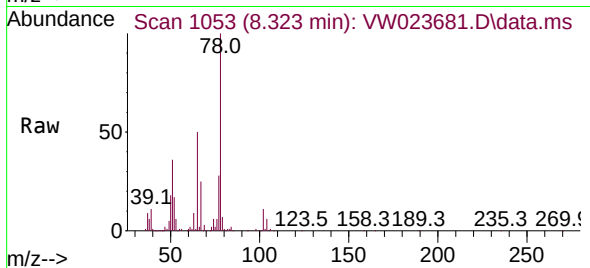
Instrument :

MSVOA_W

ClientSampleId :

F5B66

Tgt Ion: 78 Resp: 80325



#34

Trichloroethene

Concen: 1.440 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023681.D

Acq: 14 Jul 2022 06:21

Tgt Ion: 95 Resp: 4070

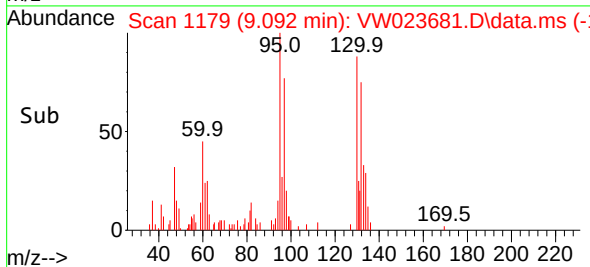
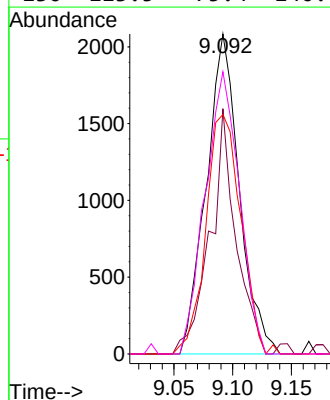
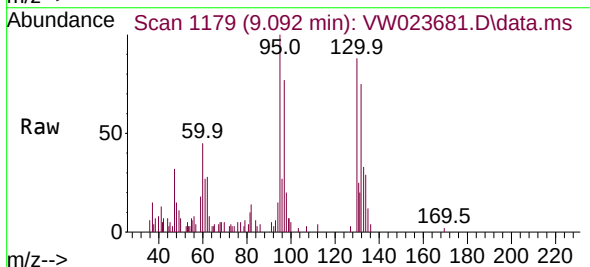
Ion Ratio Lower Upper

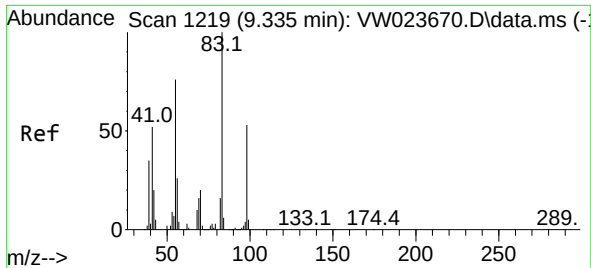
95 100

97 76.6 45.6 84.8

132 74.9 69.9 129.7

130 113.5 75.4 140.0





#35

Methylcyclohexane

Concen: 2.903 ug/L

RT: 9.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023681.D

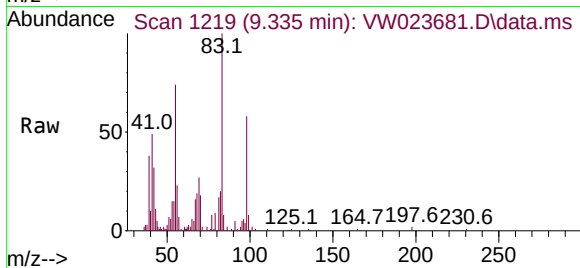
Acq: 14 Jul 2022 06:21

Instrument :

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Tgt Ion: 83 Resp: 12493

Ion Ratio Lower Upper

83 100

55 72.6 60.8 91.2

98 56.5 39.5 59.3

