

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023682.D
 Acq On : 14 Jul 2022 06:45
 Operator : SY/VA
 Sample : N3698-02
 Misc : 5.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B67

Quant Time: Jul 14 07:58:18 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)

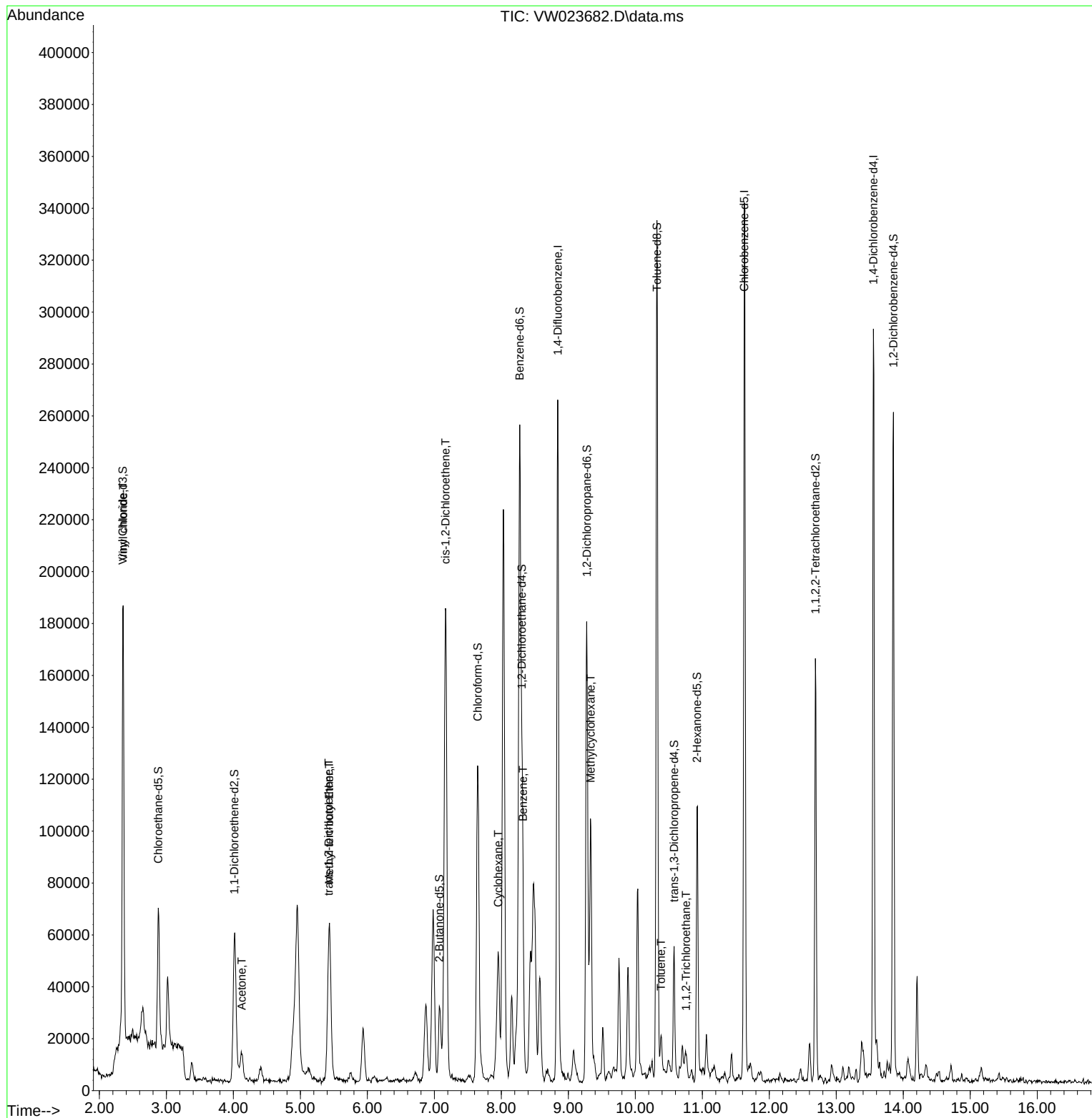
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	195805	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	168989	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	67092	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	87370	17.470	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.880%
7) Chloroethane-d5	2.879	69	62362	18.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.760%
11) 1,1-Dichloroethene-d2	4.013	63	52259	12.833	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.320%
21) 2-Butanone-d5	7.074	46	46205	59.565	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.120%
24) Chloroform-d	7.647	84	116892	20.504	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	8.305	65	76607	21.971	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.880%
32) Benzene-d6	8.275	84	232370	26.452	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	9.275	67	72029	27.221	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.880%
41) Toluene-d8	10.323	98	205321	23.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.160%
43) trans-1,3-Dichloroprop...	10.579	79	24055	19.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.560%
47) 2-Hexanone-d5	10.921	63	32609	58.605	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.220%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	72493	24.790	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	59340	24.776	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.120%
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	88359	15.791	ug/L	98
13) Acetone	4.123	43	16043	29.252	ug/L	70
17) trans-1,2-Dichloroethene	5.422	96	3733	1.482	ug/L	86
18) Methyl tert-butyl Ether	5.428	73	6197	1.591	ug/L #	1
20) cis-1,2-Dichloroethene	7.165	96	96413	34.557	ug/L	97
29) Cyclohexane	7.952	56	23103	7.475	ug/L	88
33) Benzene	8.323	78	30857	3.213	ug/L	100
35) Methylcyclohexane	9.335	83	34353	8.896	ug/L #	82
42) Toluene	10.384	91	11102	1.014	ug/L	94
45) 1,1,2-Trichloroethane	10.756	97	2198	1.044	ug/L #	25

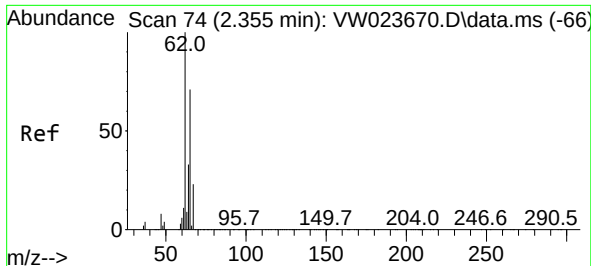
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Jul 14 04:56:40 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 15.791 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023682.D
 Acq: 14 Jul 2022 06:45

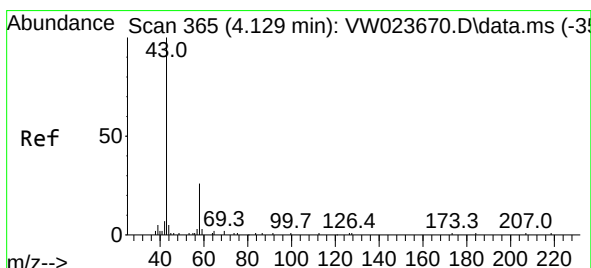
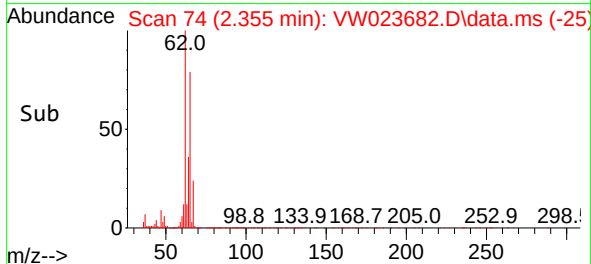
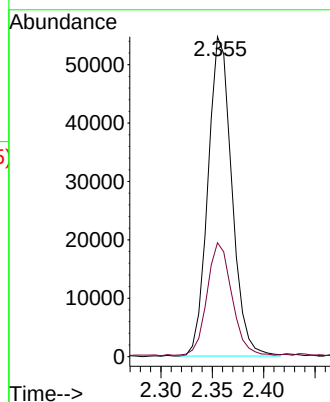
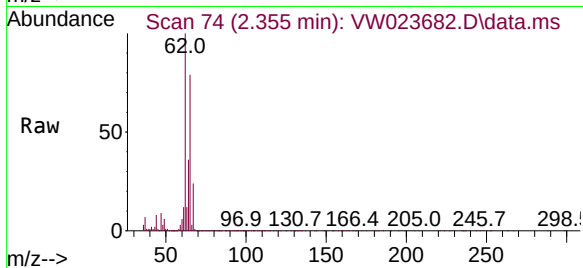
Instrument :

MSVOA_W

ClientSampleId :

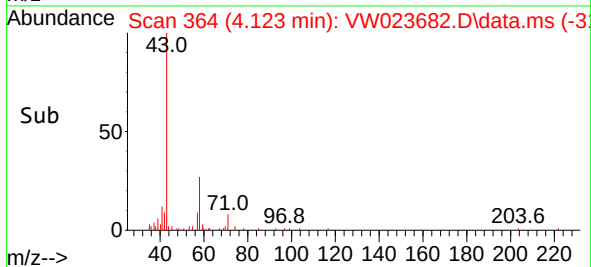
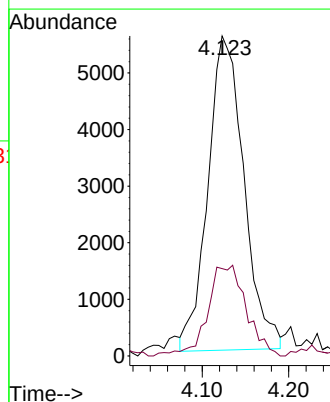
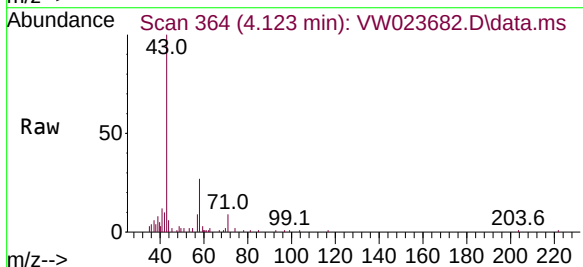
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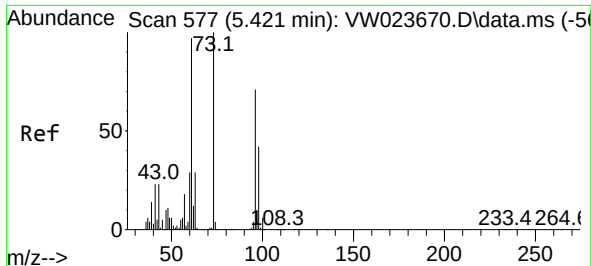
Tgt Ion: 62 Resp: 88359
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.0 44.6



#13
 Acetone
 Concen: 29.252 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW023682.D
 Acq: 14 Jul 2022 06:45

Tgt Ion: 43 Resp: 16043
 Ion Ratio Lower Upper
 43 100
 58 15.6 0.0 64.2

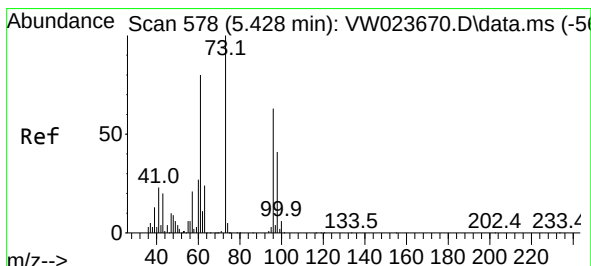
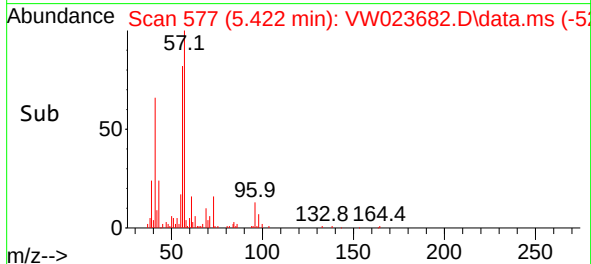
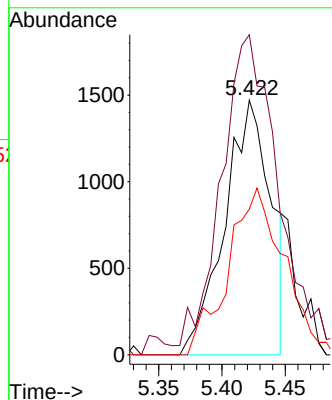
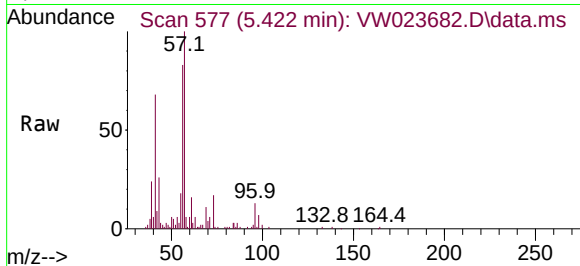




#17
trans-1,2-Dichloroethene
Concen: 1.482 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023682.D
Acq: 14 Jul 2022 06:45

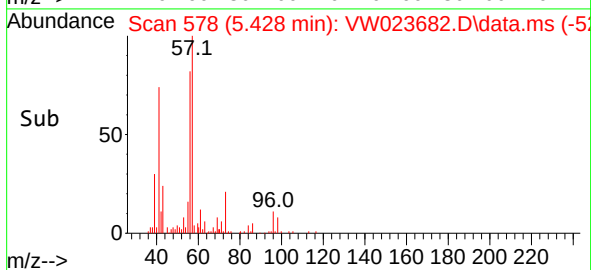
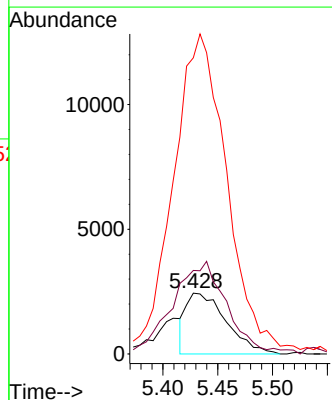
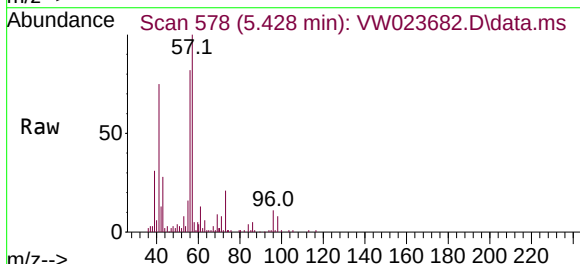
Instrument :
MSVOA_W
ClientSampleId :
F5B67

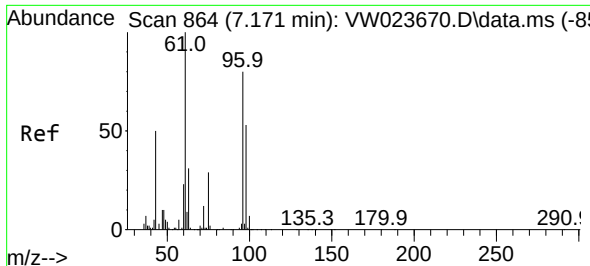
Tgt Ion: 96 Resp: 3733
Ion Ratio Lower Upper
96 100
61 150.6 90.8 168.6
98 57.2 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 1.591 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023682.D
Acq: 14 Jul 2022 06:45

Tgt Ion: 73 Resp: 6197
Ion Ratio Lower Upper
73 100
43 181.9 17.6 26.4#
57 696.1 16.8 25.2#

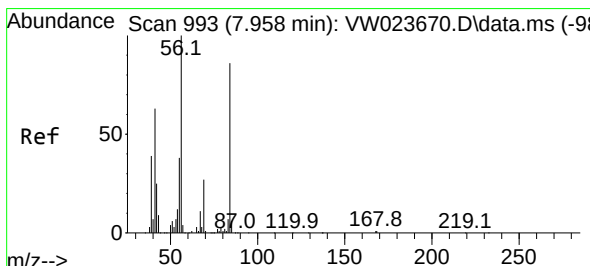
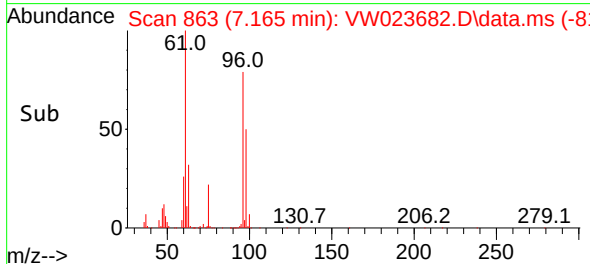
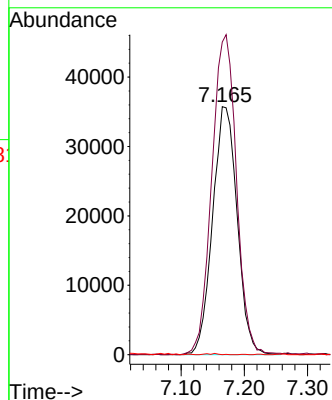
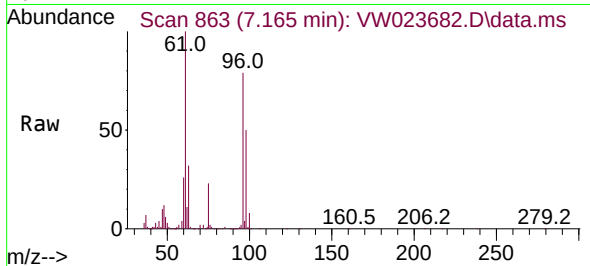




#20
 cis-1,2-Dichloroethene
 Concen: 34.557 ug/L
 RT: 7.165 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW023682.D
 Acq: 14 Jul 2022 06:45

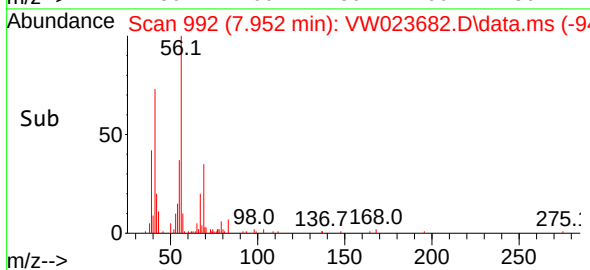
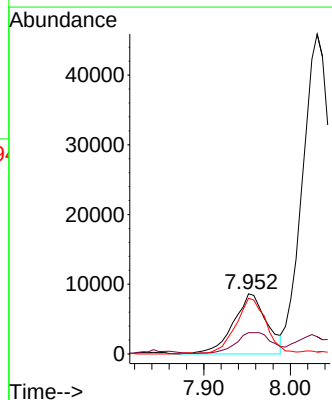
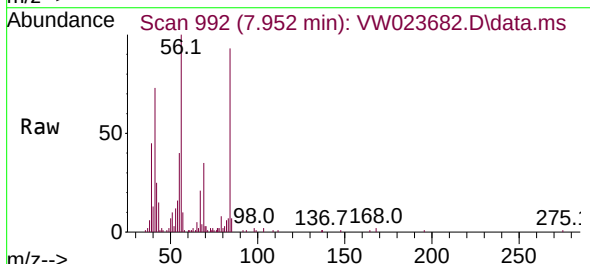
Instrument :
 MSVOA_W
 ClientSampleId :
 F5B67

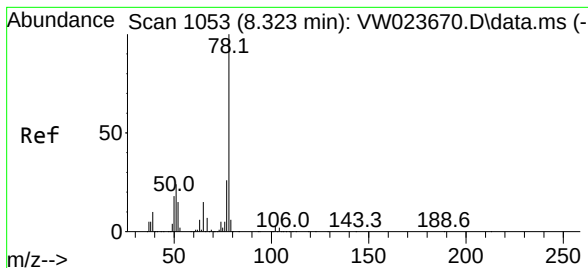
Tgt Ion: 96 Resp: 96413
 Ion Ratio Lower Upper
 96 100
 61 126.1 90.6 168.2
 68 0.2 0.2 0.4



#29
 Cyclohexane
 Concen: 7.475 ug/L
 RT: 7.952 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VW023682.D
 Acq: 14 Jul 2022 06:45

Tgt Ion: 56 Resp: 23103
 Ion Ratio Lower Upper
 56 100
 69 38.0 25.4 38.0
 84 82.0 75.0 112.4





#33

Benzene

Concen: 3.213 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW023682.D

Acq: 14 Jul 2022 06:45

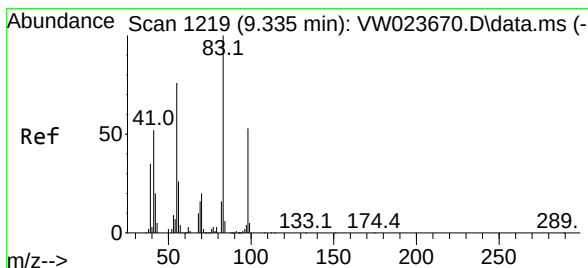
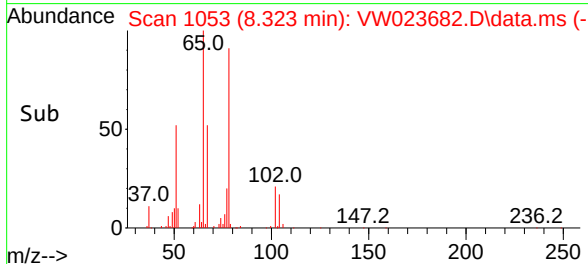
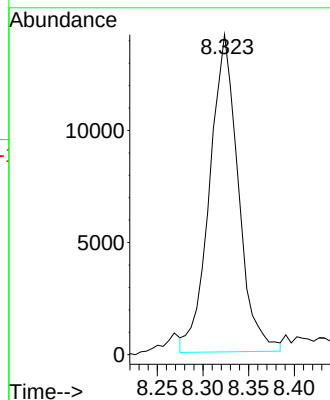
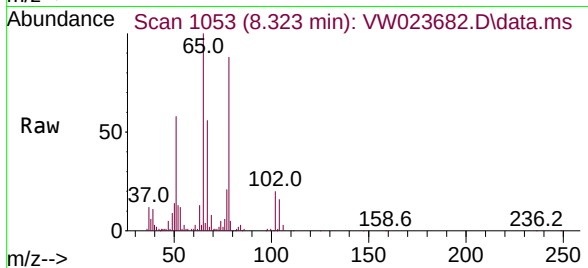
Instrument :

MSVOA_W

ClientSampleId :

F5B67

Tgt Ion: 78 Resp: 30857



#35

Methylcyclohexane

Concen: 8.896 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023682.D

Acq: 14 Jul 2022 06:45

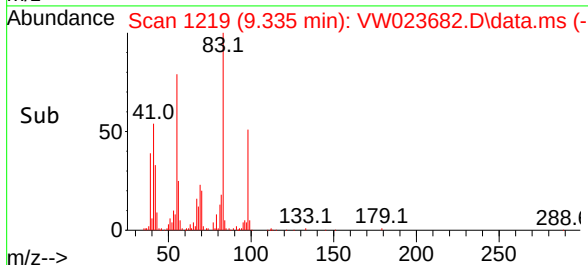
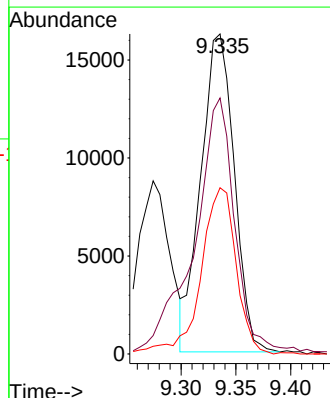
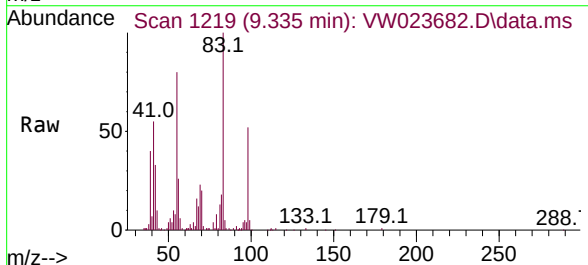
Tgt Ion: 83 Resp: 34353

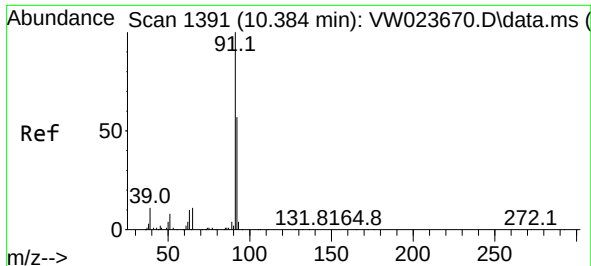
Ion Ratio Lower Upper

83 100

55 98.4 60.8 91.2#

98 52.8 39.5 59.3

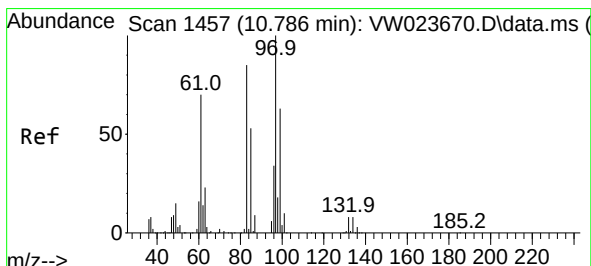
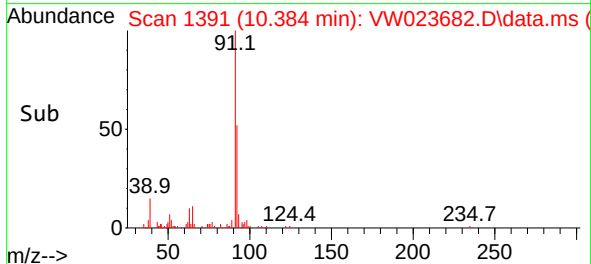
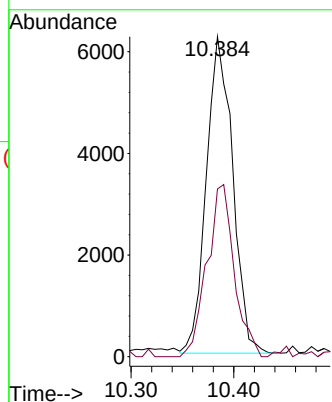
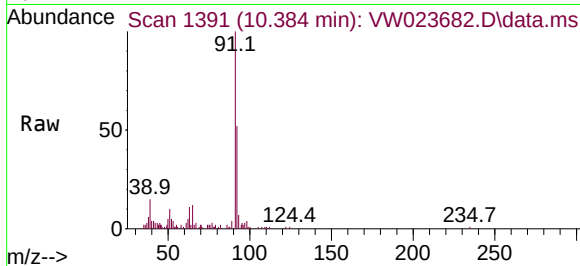




#42
Toluene
Concen: 1.014 ug/L
RT: 10.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023682.D
Acq: 14 Jul 2022 06:45

Instrument :
MSVOA_W
ClientSampleId :
F5B67

Tgt Ion: 91 Resp: 11102
Ion Ratio Lower Upper
91 100
92 52.4 39.9 74.1



#45
1,1,2-Trichloroethane
Concen: 1.044 ug/L
RT: 10.756 min Scan# 1452
Delta R.T. -0.030 min
Lab File: VW023682.D
Acq: 14 Jul 2022 06:45

Tgt Ion: 97 Resp: 2198
Ion Ratio Lower Upper
97 100
99 0.0 44.2 82.2#
83 20.0 59.8 111.0#
85 0.0 37.5 69.6#

