

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023684.D
 Acq On : 14 Jul 2022 07:34
 Operator : SY/VA
 Sample : N3698-04
 Misc : 5.39g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B69

Quant Time: Jul 14 07:58:47 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)

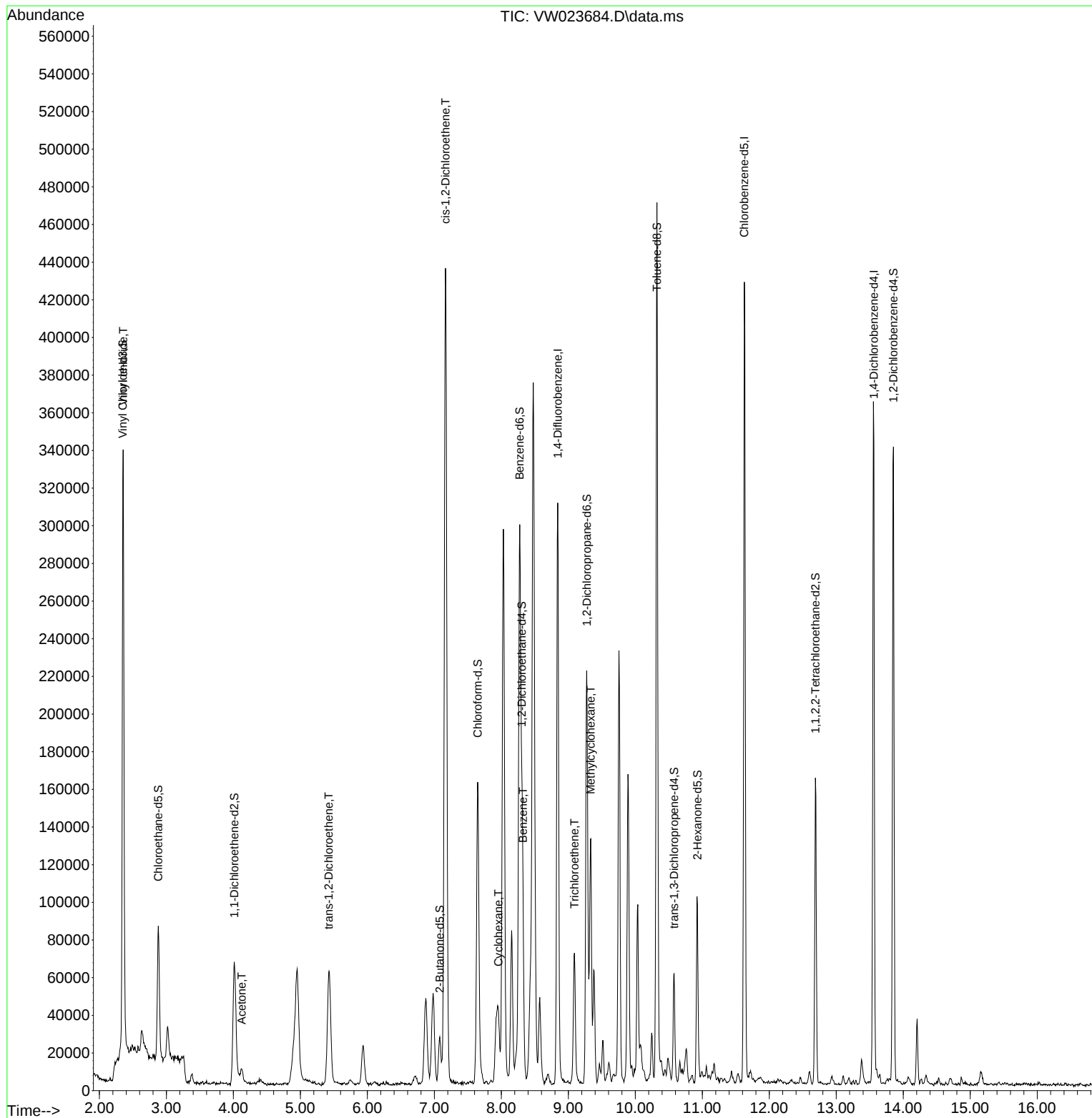
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	238817	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	215922	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	83883	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	103625	16.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.960%
7) Chloroethane-d5	2.879	69	81333	19.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
11) 1,1-Dichloroethene-d2	4.013	63	62832	12.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.600%
21) 2-Butanone-d5	7.080	46	38910	41.126	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.260%
24) Chloroform-d	7.647	84	148747	21.393	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.560%
26) 1,2-Dichloroethane-d4	8.305	65	89040	20.938	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.760%
32) Benzene-d6	8.275	84	288801	25.730	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.920%
36) 1,2-Dichloropropane-d6	9.274	67	88594	26.204	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.800%
41) Toluene-d8	10.323	98	272927	23.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	10.579	79	28792	18.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.680%
47) 2-Hexanone-d5	10.927	63	29717	41.799	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.600%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	72799	19.484	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	79384	26.510	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.040%
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	243028	35.611	ug/L	99
13) Acetone	4.123	43	10585	15.824	ug/L	64
17) trans-1,2-Dichloroethene	5.421	96	9669	3.148	ug/L	92
20) cis-1,2-Dichloroethene	7.165	96	245218	72.063	ug/L #	99
29) Cyclohexane	7.958	56	22477	5.692	ug/L #	82
33) Benzene	8.323	78	49330	4.020	ug/L	100
34) Trichloroethene	9.092	95	19791	6.108	ug/L	96
35) Methylcyclohexane	9.335	83	39288	7.963	ug/L	93

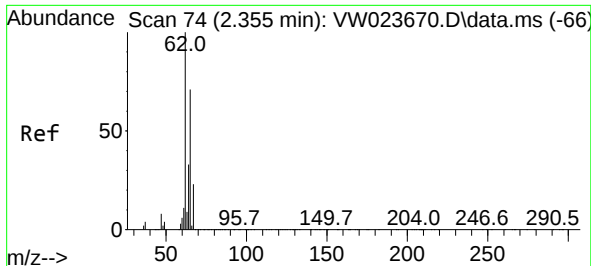
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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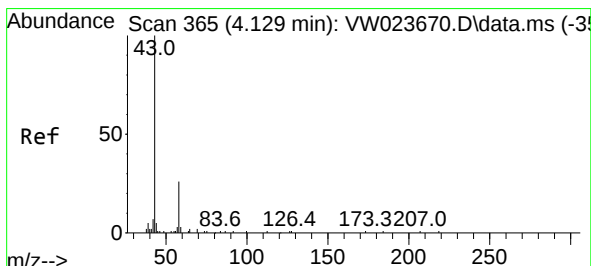
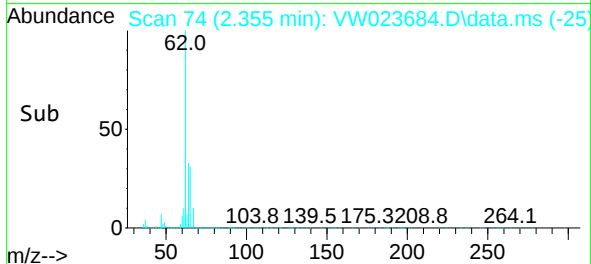
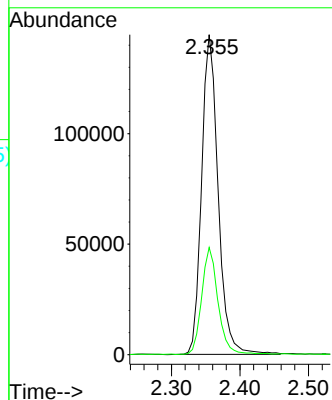
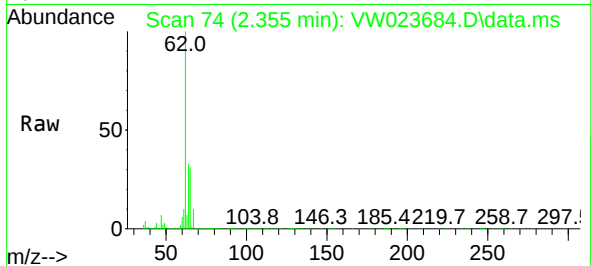




#5
 Vinyl chloride
 Concen: 35.611 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023684.D
 Acq: 14 Jul 2022 07:34

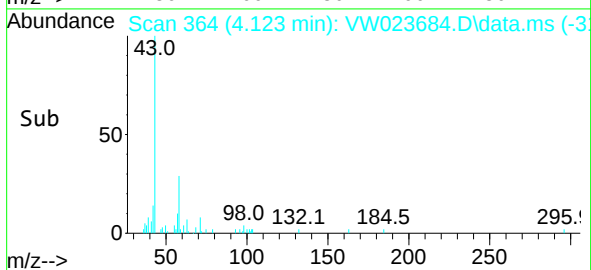
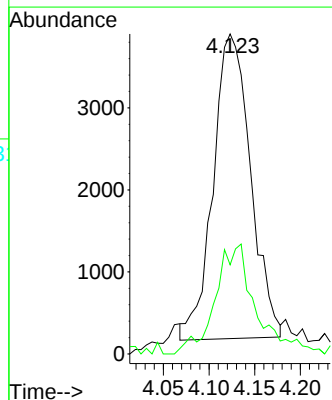
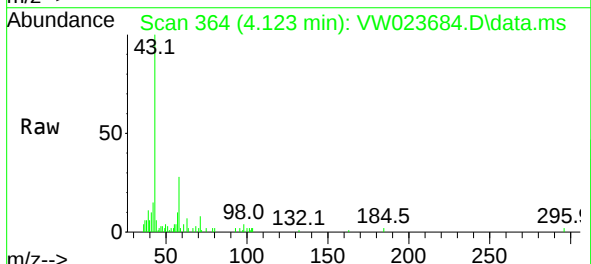
Instrument :
 MSVOA_W
 ClientSampleId :
 F5B69

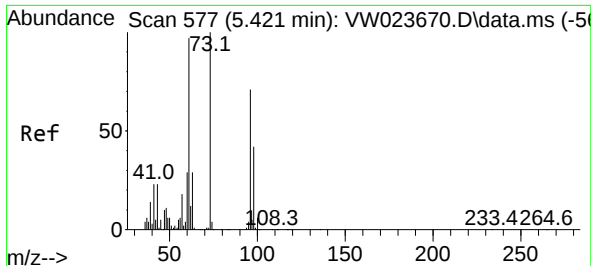
Tgt Ion: 62 Resp: 243028
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.0 44.6



#13
 Acetone
 Concen: 15.824 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW023684.D
 Acq: 14 Jul 2022 07:34

Tgt Ion: 43 Resp: 10585
 Ion Ratio Lower Upper
 43 100
 58 11.8 0.0 64.2

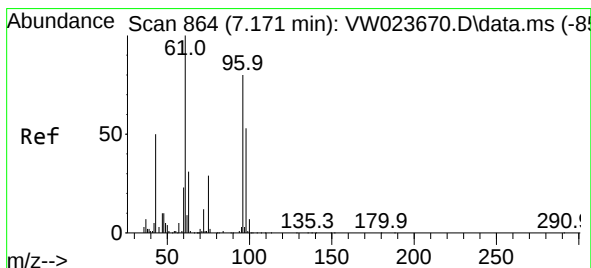
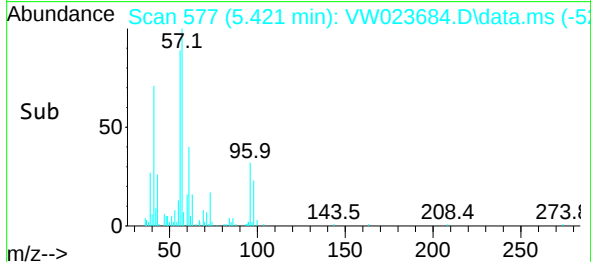
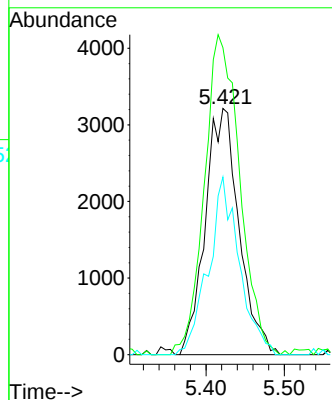
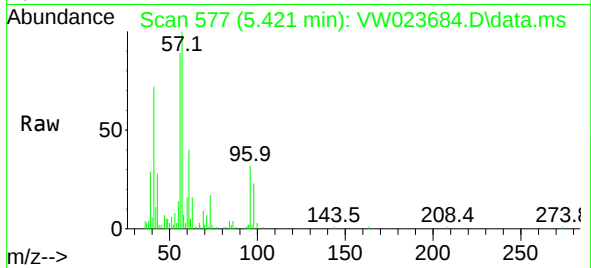




#17
trans-1,2-Dichloroethene
Concen: 3.148 ug/L
RT: 5.421 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023684.D
Acq: 14 Jul 2022 07:34

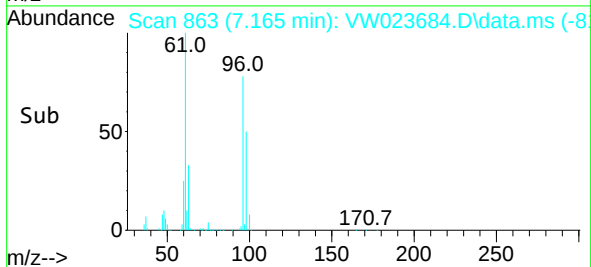
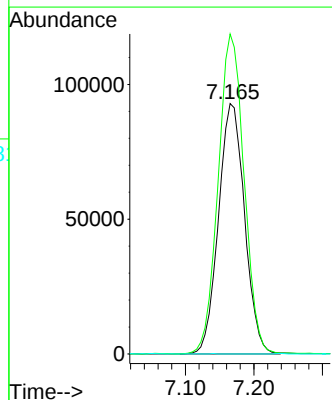
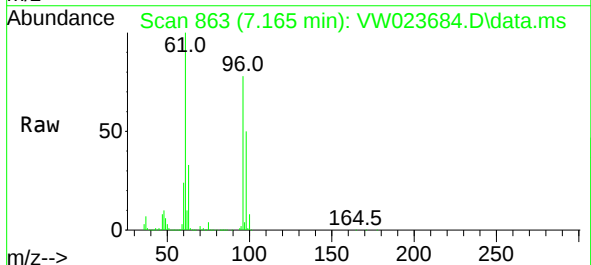
Instrument :
MSVOA_W
ClientSampleId :
F5B69

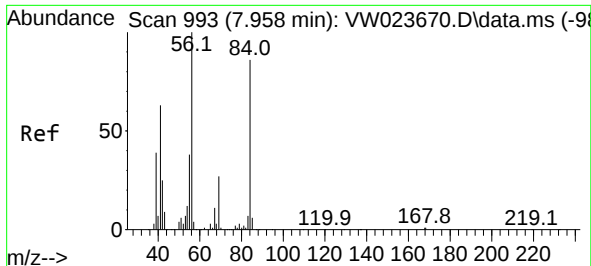
Tgt Ion: 96 Resp: 9669
Ion Ratio Lower Upper
96 100
61 124.7 90.8 168.6
98 72.2 42.8 79.6



#20
cis-1,2-Dichloroethene
Concen: 72.063 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW023684.D
Acq: 14 Jul 2022 07:34

Tgt Ion: 96 Resp: 245218
Ion Ratio Lower Upper
96 100
61 127.8 90.6 168.2
68 0.0 0.2 0.4





#29

Cyclohexane

Concen: 5.692 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW023684.D

Acq: 14 Jul 2022 07:34

Instrument :

MSVOA_W

ClientSampleId :

F5B69

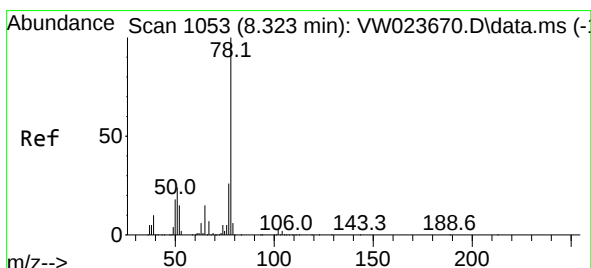
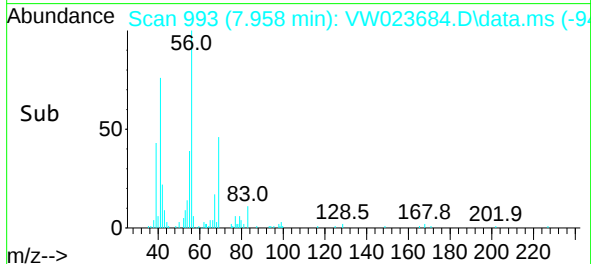
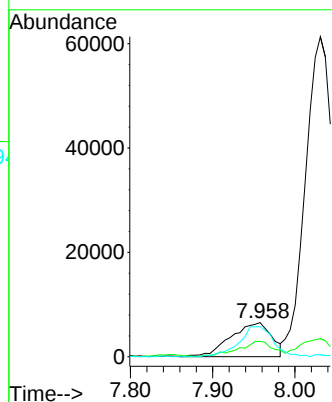
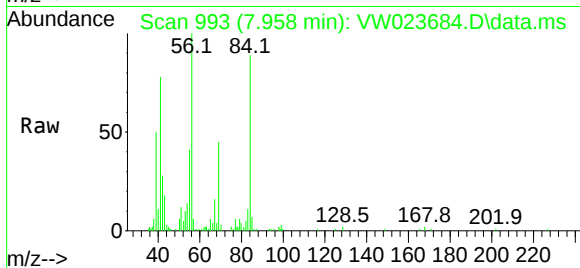
Tgt Ion: 56 Resp: 22477

Ion Ratio Lower Upper

56 100

69 24.3 25.4 38.0#

84 74.4 75.0 112.4#



#33

Benzene

Concen: 4.020 ug/L

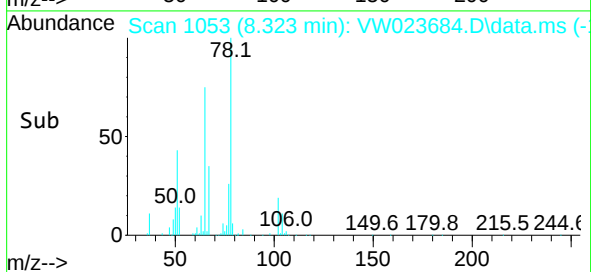
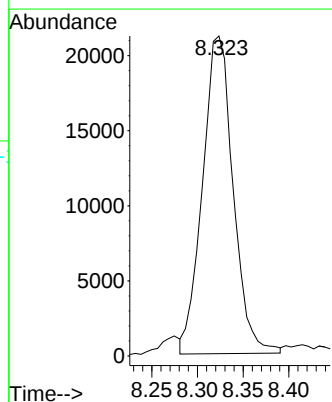
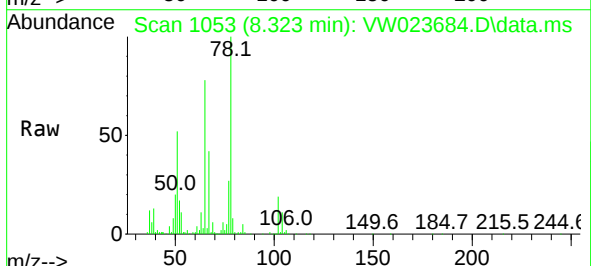
RT: 8.323 min Scan# 1053

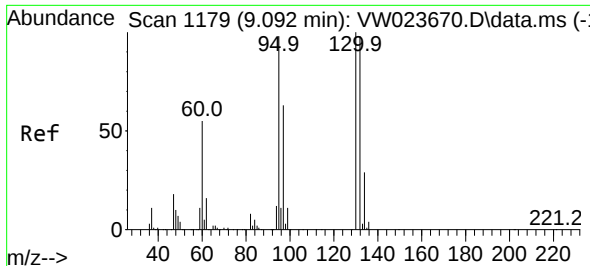
Delta R.T. 0.000 min

Lab File: VW023684.D

Acq: 14 Jul 2022 07:34

Tgt Ion: 78 Resp: 49330

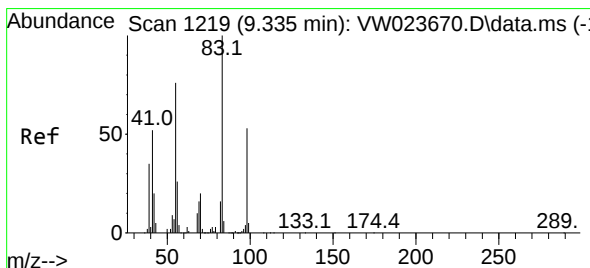
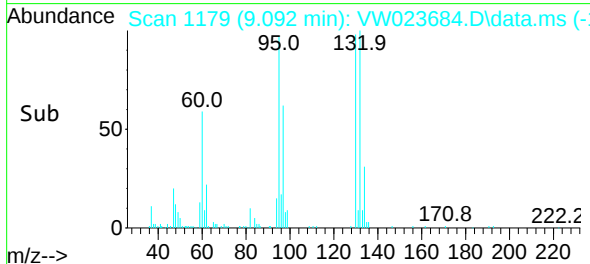
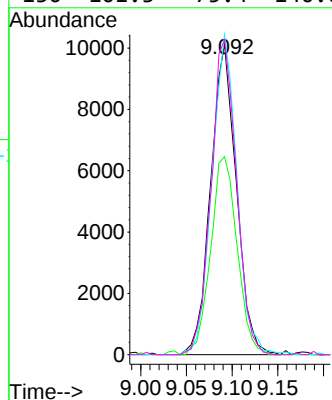
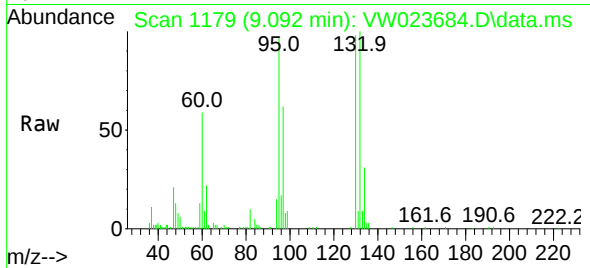




#34
Trichloroethene
Concen: 6.108 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023684.D
Acq: 14 Jul 2022 07:34

Instrument :
MSVOA_W
ClientSampleId :
F5B69

Tgt Ion: 95 Resp: 19791
Ion Ratio Lower Upper
95 100
97 63.7 45.6 84.8
132 103.0 69.9 129.7
130 101.3 75.4 140.0



#35
Methylcyclohexane
Concen: 7.963 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023684.D
Acq: 14 Jul 2022 07:34

Tgt Ion: 83 Resp: 39288
Ion Ratio Lower Upper
83 100
55 82.5 60.8 91.2
98 52.9 39.5 59.3

