

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102721\
 Data File : VW023058.D
 Acq On : 27 Oct 2021 15:10
 Operator : SY/MD
 Sample : M4278-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGH4

Quant Time: Oct 28 01:45:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

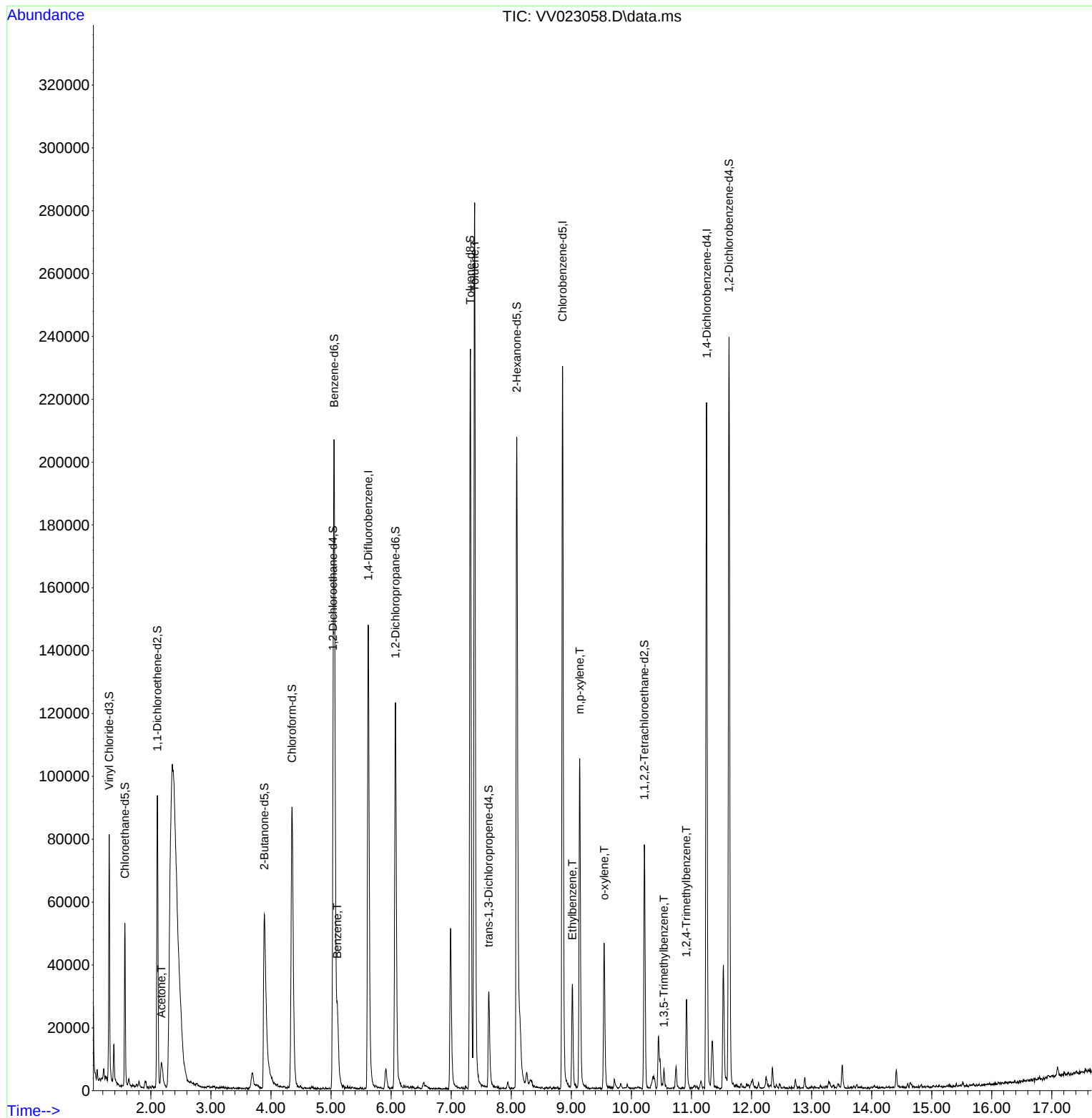
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129775	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	132466	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	60690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46479	4.099	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.568	69	29757	4.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.108	63	49554	3.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.889	46	106344	58.460	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.920%
24) Chloroform-d	4.349	84	93826	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.034	65	44693	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.053	84	190206	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.072	67	60724	5.101	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.320	98	156367	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.625	79	18697	4.482	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.091	63	67517	43.719	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37527	4.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	62025	5.728	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
					Qvalue	
13) Acetone	2.175	43	12794	14.335	ug/L	85
33) Benzene	5.104	78	25057	0.703	ug/L	100
42) Toluene	7.391	91	208021	5.758	ug/L	98
52) Ethylbenzene	9.018	91	21744	0.606	ug/L	95
53) m,p-xylene	9.140	106	30234	2.103	ug/L	98
54) o-xylene	9.548	106	12587	0.930	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	3171	0.129	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	15896	0.646	ug/L	95

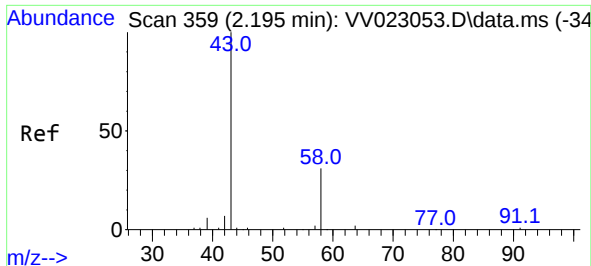
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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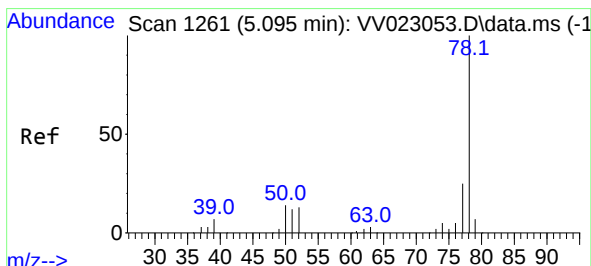
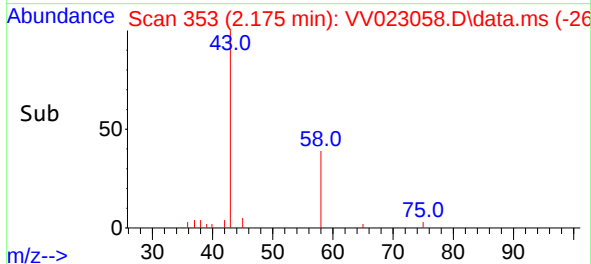
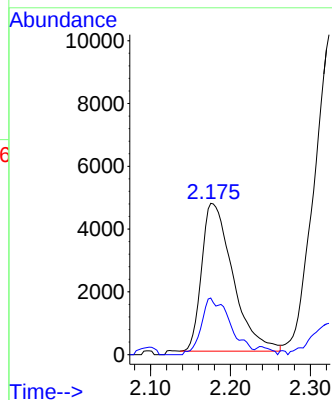
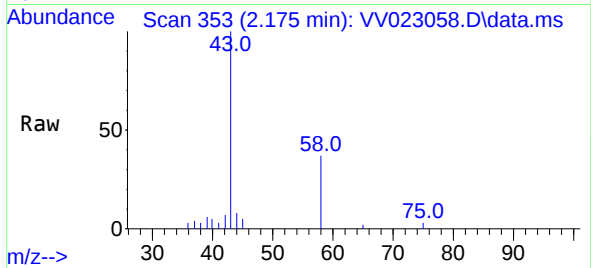




#13
Acetone
Concen: 14.335 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.019 min
Lab File: VV023058.D
Acq: 27 Oct 2021 15:10

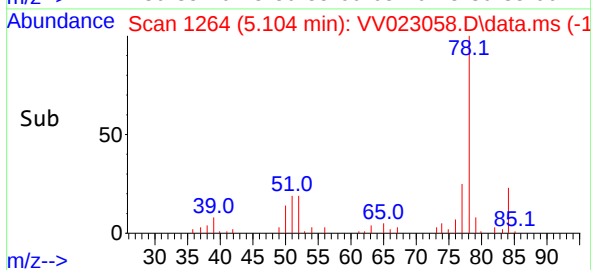
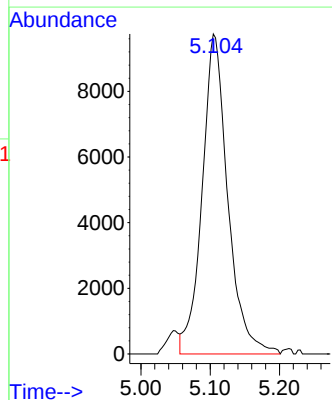
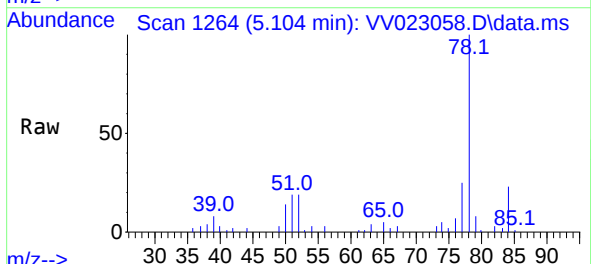
Instrument :
MSVOA_V
ClientSampleId :
BFGH4

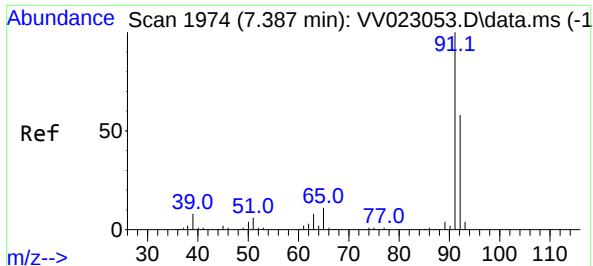
Tgt Ion: 43 Resp: 12794
Ion Ratio Lower Upper
43 100
58 35.4 0.0 55.4



#33
Benzene
Concen: 0.703 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV023058.D
Acq: 27 Oct 2021 15:10

Tgt Ion: 78 Resp: 25057

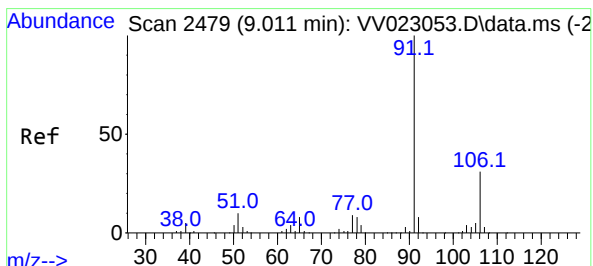
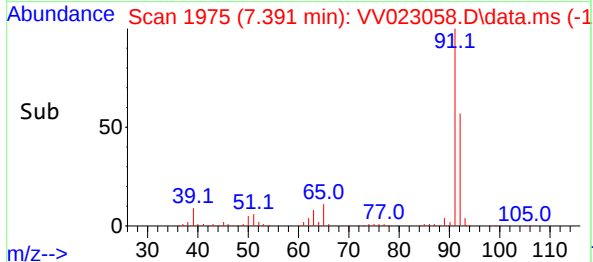
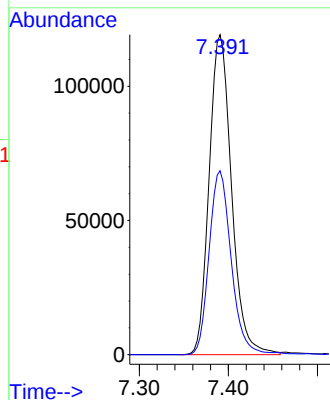
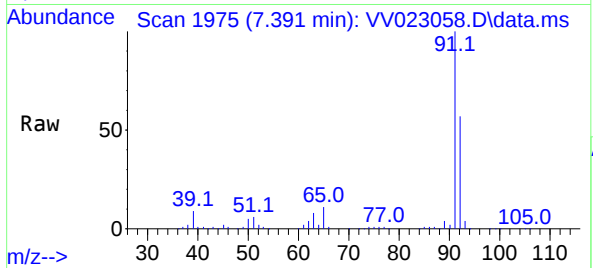




#42
Toluene
Concen: 5.758 ug/L
RT: 7.391 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV023058.D
Acq: 27 Oct 2021 15:10

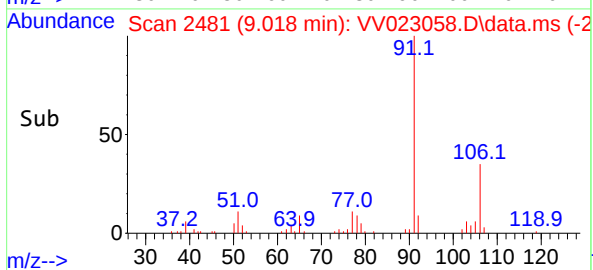
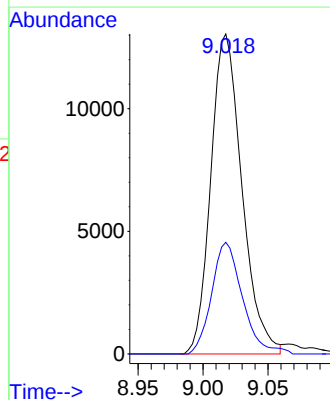
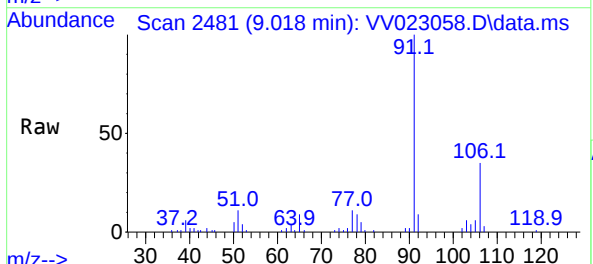
Instrument :
MSVOA_V
ClientSampleId :
BFGH4

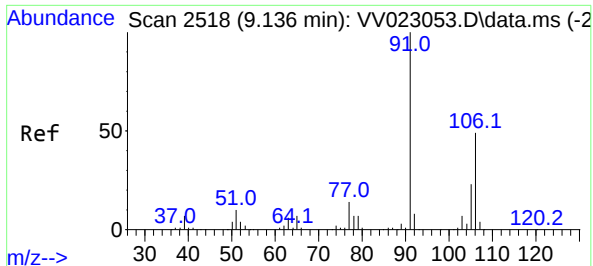
Tgt Ion: 91 Resp: 208021
Ion Ratio Lower Upper
91 100
92 57.5 39.3 72.9



#52
Ethylbenzene
Concen: 0.606 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023058.D
Acq: 27 Oct 2021 15:10

Tgt Ion: 91 Resp: 21744
Ion Ratio Lower Upper
91 100
106 34.9 22.5 41.9





#53

m,p-xylene

Concen: 2.103 ug/L

RT: 9.140 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV023058.D

Acq: 27 Oct 2021 15:10

Instrument :

MSVOA_V

ClientSampleId :

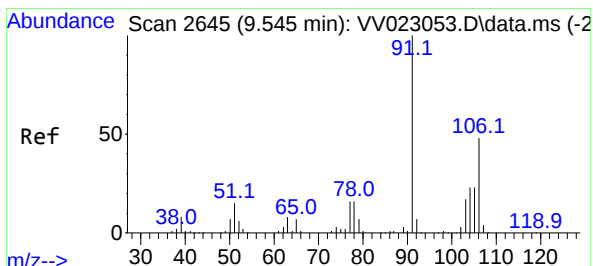
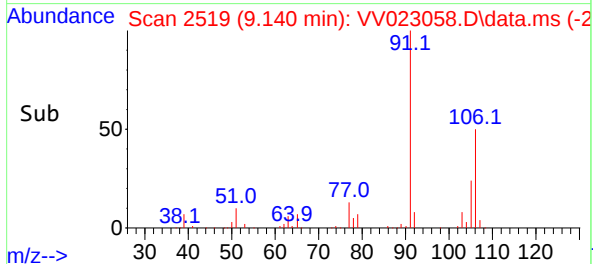
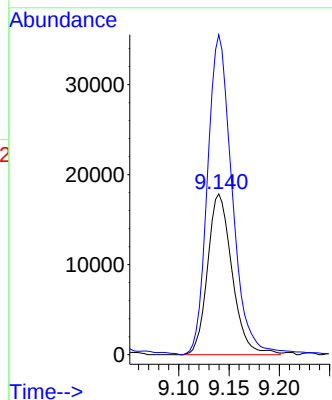
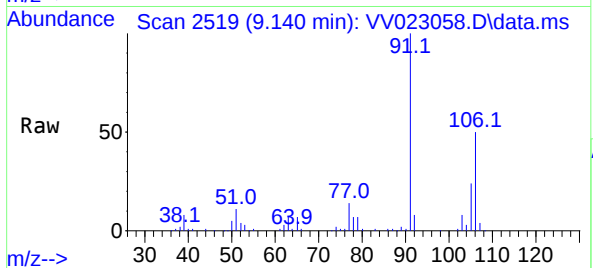
BFGH4

Tgt Ion:106 Resp: 30234

Ion Ratio Lower Upper

106 100

91 198.9 137.2 254.8



#54

o-xylene

Concen: 0.930 ug/L

RT: 9.548 min Scan# 2646

Delta R.T. 0.003 min

Lab File: VV023058.D

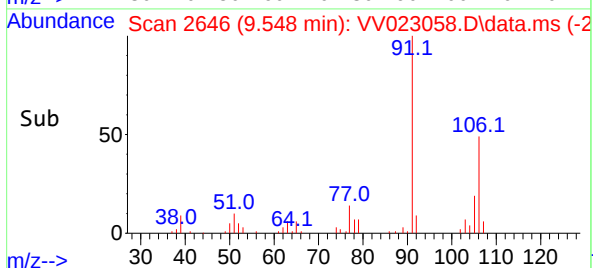
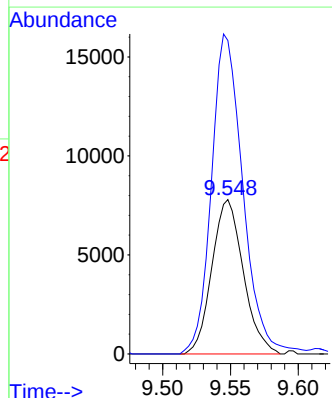
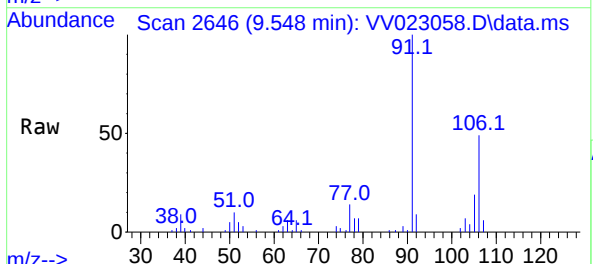
Acq: 27 Oct 2021 15:10

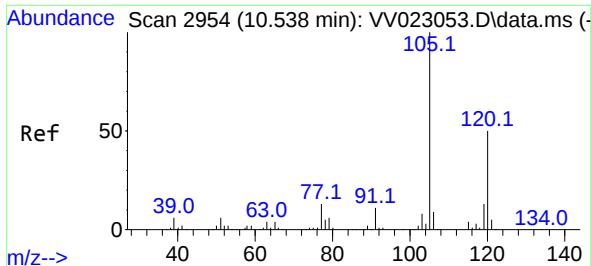
Tgt Ion:106 Resp: 12587

Ion Ratio Lower Upper

106 100

91 203.1 148.3 275.5

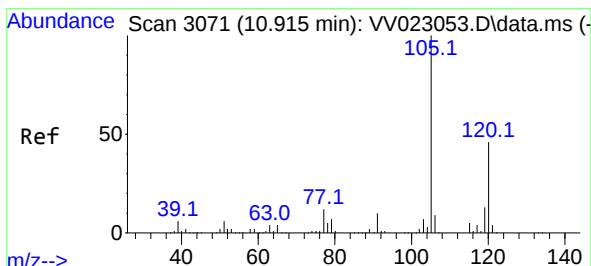
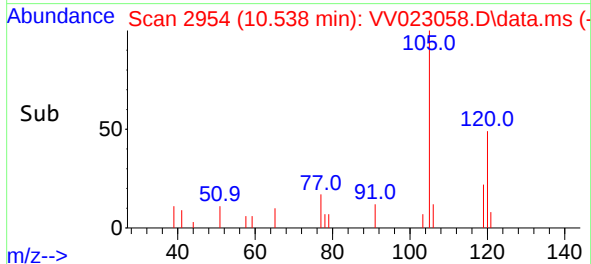
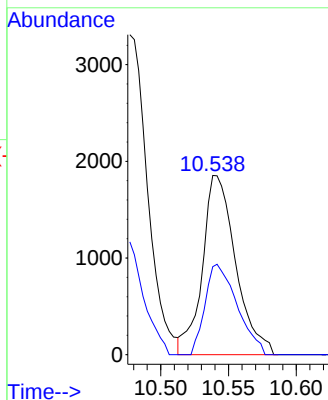
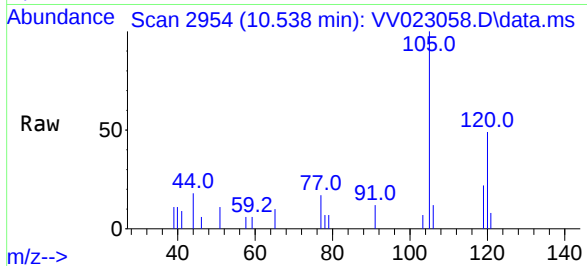




#62
1,3,5-Trimethylbenzene
Concen: 0.129 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023058.D
Acq: 27 Oct 2021 15:10

Instrument :
MSVOA_V
ClientSampleId :
BFGH4

Tgt Ion:105 Resp: 3171
Ion Ratio Lower Upper
105 100
120 48.5 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 0.646 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV023058.D
Acq: 27 Oct 2021 15:10

Tgt Ion:105 Resp: 15896
Ion Ratio Lower Upper
105 100
120 43.6 37.4 56.2

