

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025407.D
 Acq On : 08 Apr 2022 13:33
 Operator : SY/MD
 Sample : VIBLK243
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK243

Quant Time: Apr 09 04:46:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:40:11 2022
 Response via : Initial Calibration

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

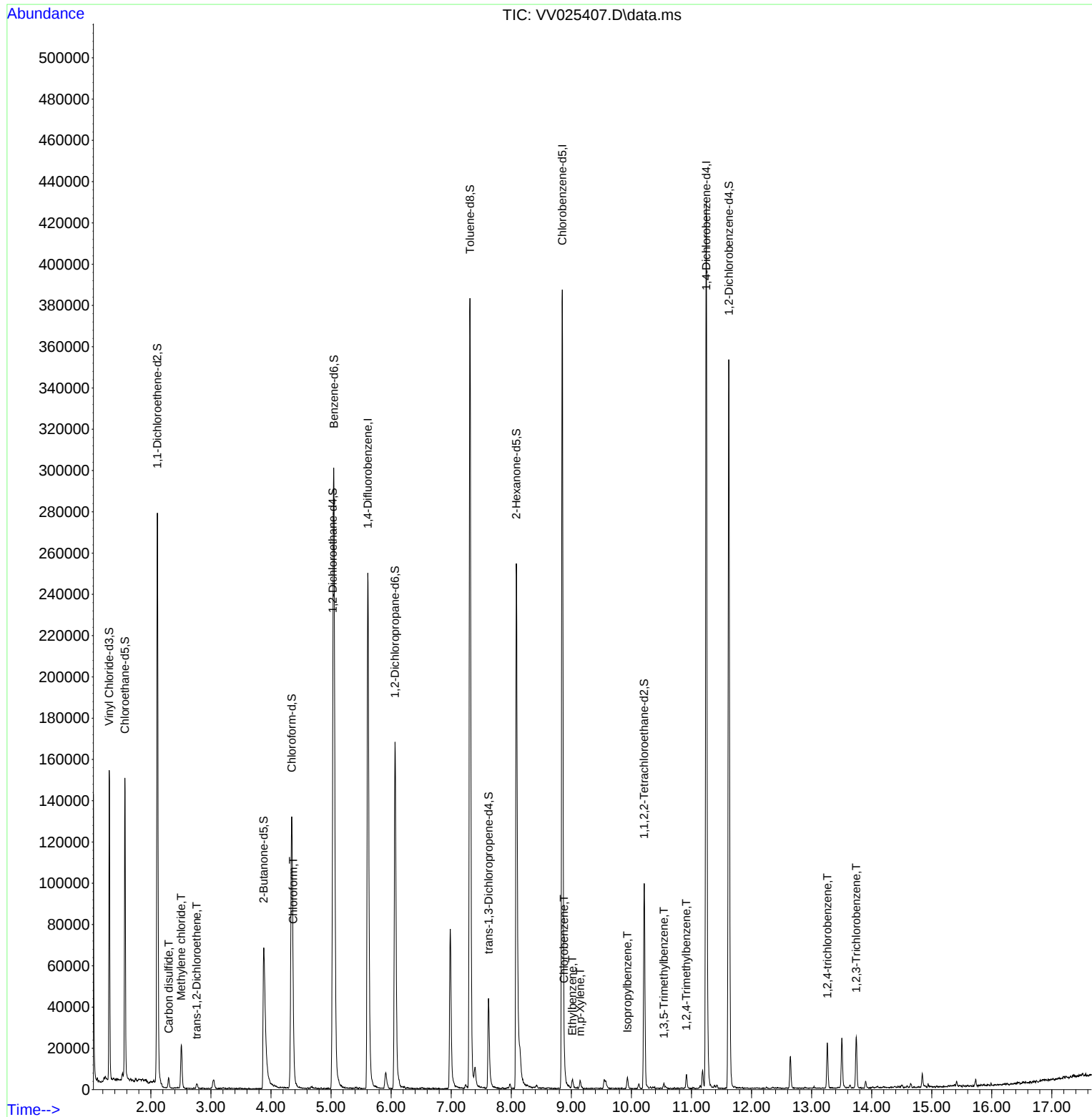
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	227129	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	219462	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	111961	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	93555	4.430	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.568	69	90444	4.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.108	63	144315	3.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.880	46	113116	44.038	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.080%
24) Chloroform-d	4.346	84	137011	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.031	65	62369	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.047	84	289558	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.066	67	79892	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.314	98	264570	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.622	79	26310	4.420	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.085	63	90874	43.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48085	4.298	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	89390	4.762	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
14) Carbon disulfide	2.298	76	5556	0.118	ug/L	99
16) Methylene chloride	2.507	84	9270	0.485	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	1000	0.061	ug/L #	63
25) Chloroform	4.368	83	2524	0.086	ug/L #	62
51) Chlorobenzene	8.879	112	2947	0.065	ug/L	91
52) Ethylbenzene	9.014	91	3322	0.044	ug/L	95
53) m,p-Xylene	9.146	106	1375	0.048	ug/L	93
60) Isopropylbenzene	9.934	105	4154	0.060	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	1735	0.056	ug/L	95
63) 1,2,4-Trimethylbenzene	10.915	105	3764	0.068	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	6696	0.353	ug/L	95
72) 1,2,3-Trichlorobenzene	13.744	180	7616	0.485	ug/L	95

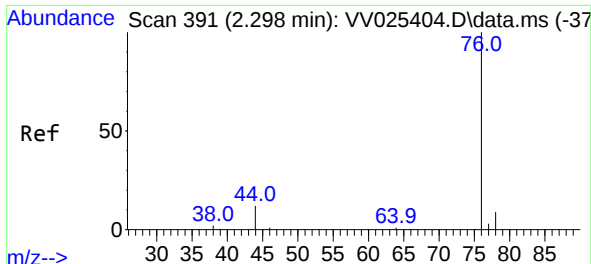
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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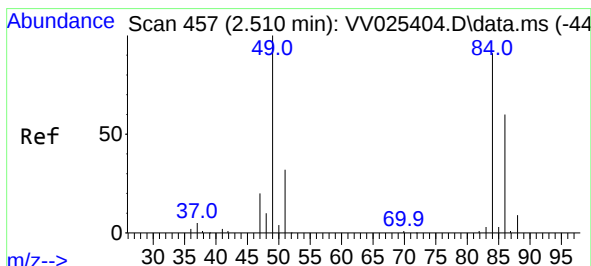
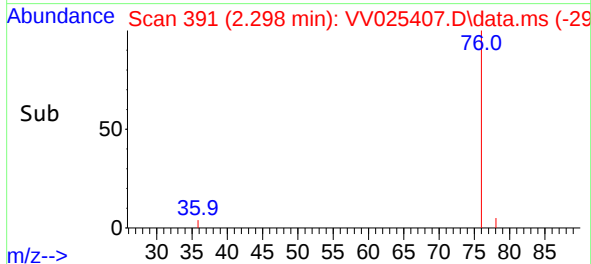
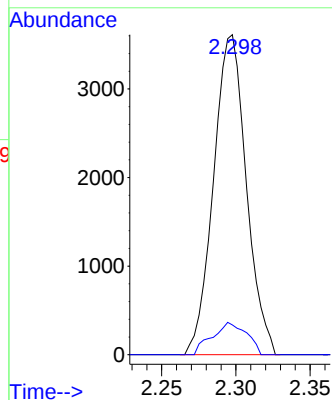
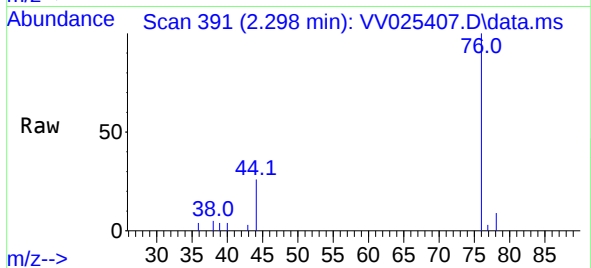




#14
Carbon disulfide
Concen: 0.118 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.000 min
Lab File: VV025407.D
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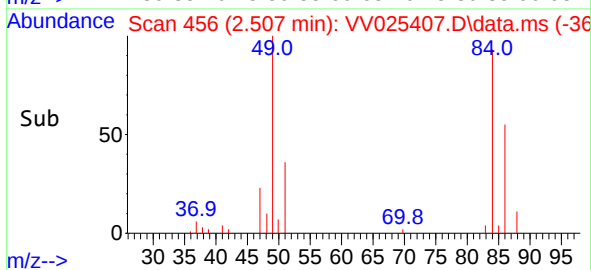
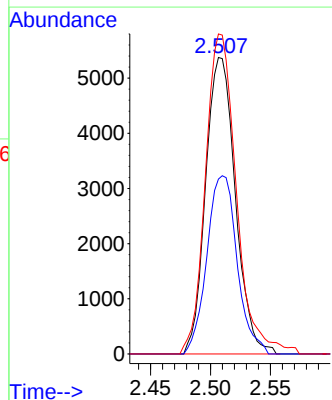
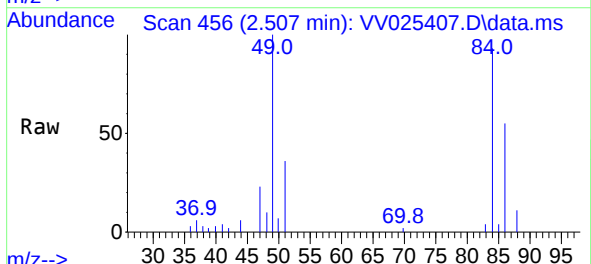
Instrument :
MSVOA_V
ClientSampleId :
VIBLK243

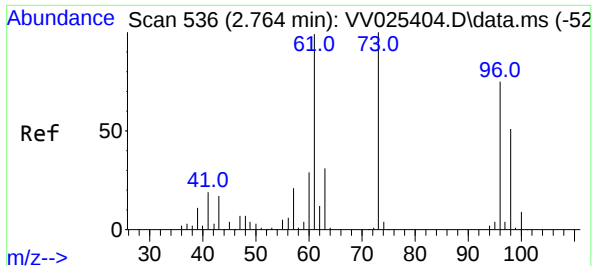
Tgt Ion: 76 Resp: 5556
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#16
Methylene chloride
Concen: 0.485 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV025407.D
Acq: 08 Apr 2022 13:33

Tgt Ion: 84 Resp: 9270
Ion Ratio Lower Upper
84 100
86 59.0 45.9 85.3
49 107.9 76.6 142.3

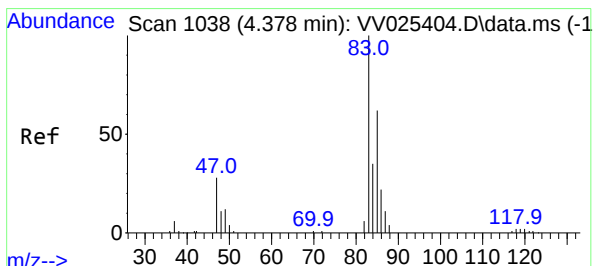
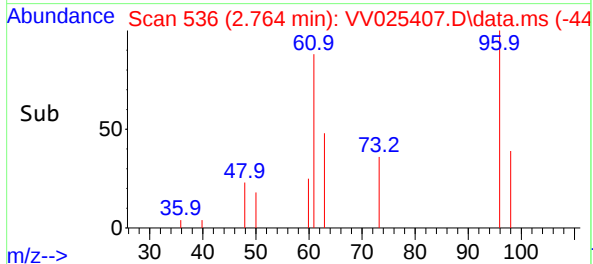
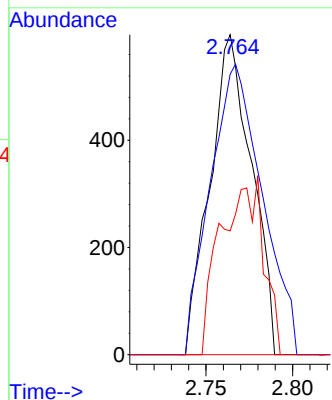
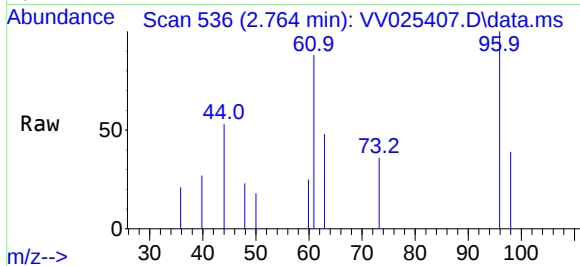




#18
trans-1,2-Dichloroethene
Concen: 0.061 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025407.D
Acq: 08 Apr 2022 13:33

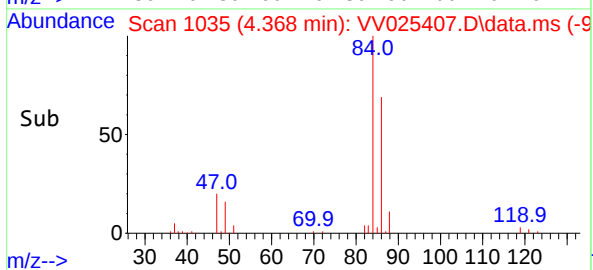
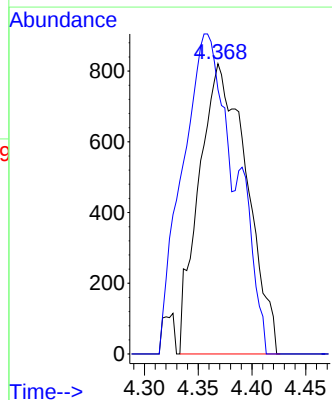
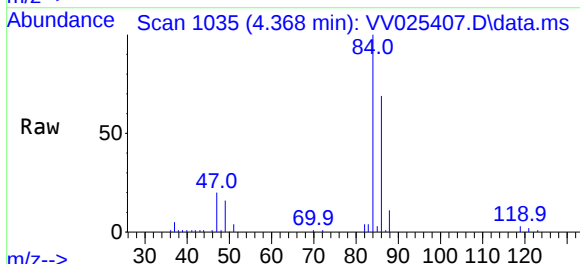
Instrument :
MSVOA_V
ClientSampleId :
VIBLK243

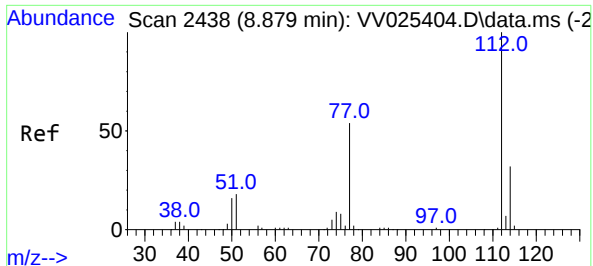
Tgt Ion: 96 Resp: 1000
Ion Ratio Lower Upper
96 100
61 87.6 92.1 171.1#
98 38.7 47.5 88.1#



#25
Chloroform
Concen: 0.086 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.010 min
Lab File: VV025407.D
Acq: 08 Apr 2022 13:33

Tgt Ion: 83 Resp: 2524
Ion Ratio Lower Upper
83 100
85 91.1 43.5 80.7#





#51

Chlorobenzene

Concen: 0.065 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025407.D

Acq: 08 Apr 2022 13:33

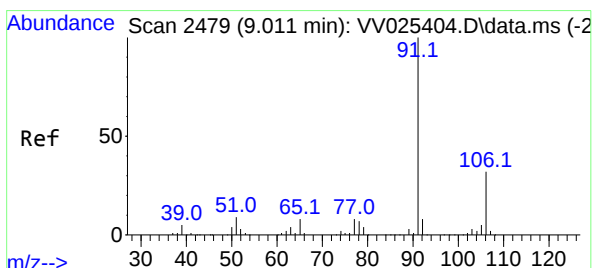
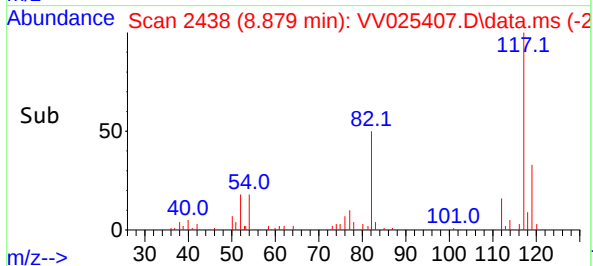
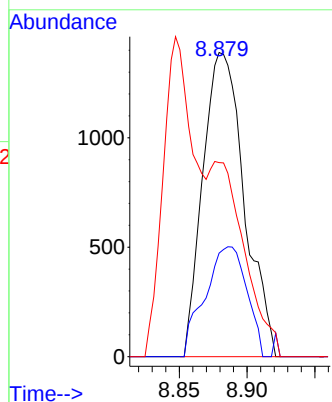
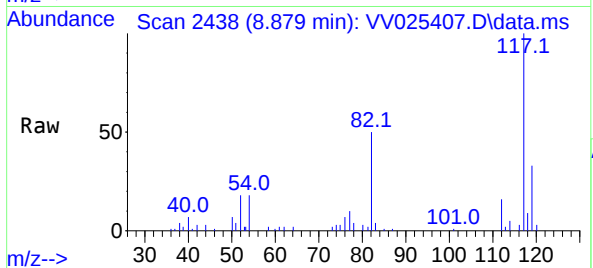
Instrument :

MSVOA_V

ClientSampleId :

VIBLK243

Tgt Ion:112	Resp:	2947
Ion	Ratio	Lower Upper
112	100	
114	34.0	22.4 41.6
77	63.8	43.7 65.5



#52

Ethylbenzene

Concen: 0.044 ug/L

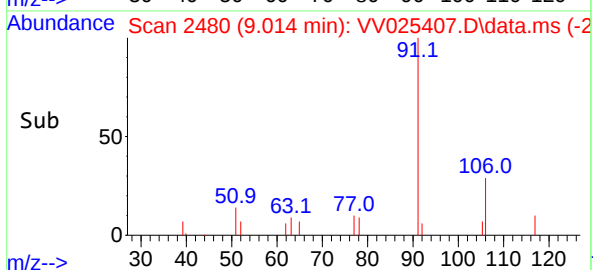
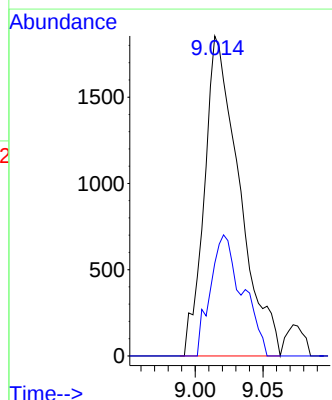
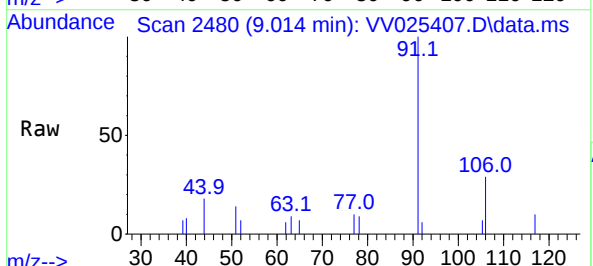
RT: 9.014 min Scan# 2480

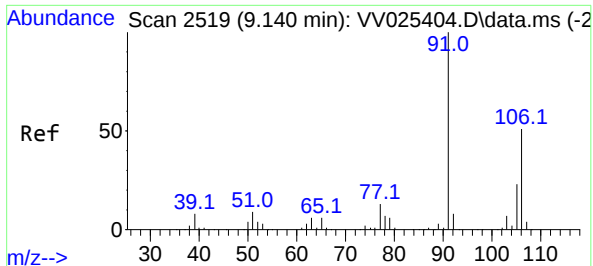
Delta R.T. 0.003 min

Lab File: VV025407.D

Acq: 08 Apr 2022 13:33

Tgt Ion: 91	Resp:	3322
Ion	Ratio	Lower Upper
91	100	
106	28.9	22.3 41.3

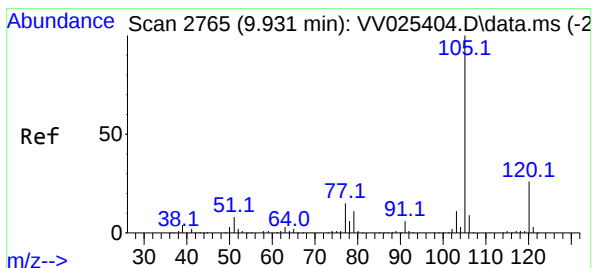
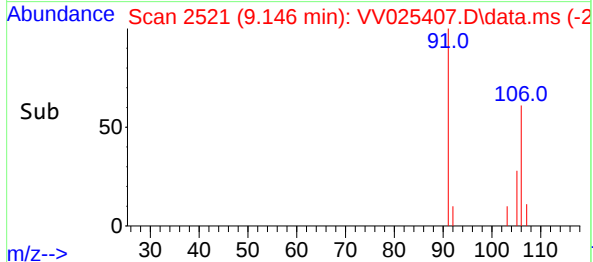
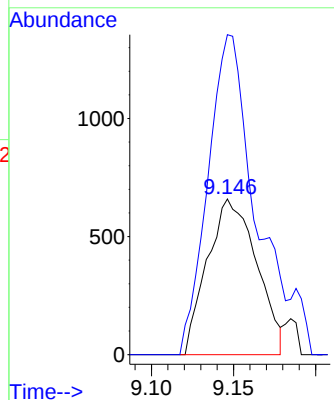
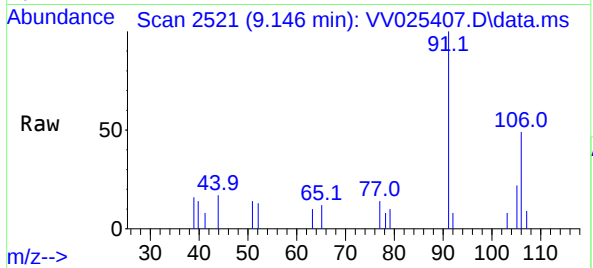




#53
m,p-Xylene
Concen: 0.048 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025407.D
Acq: 08 Apr 2022 13:33

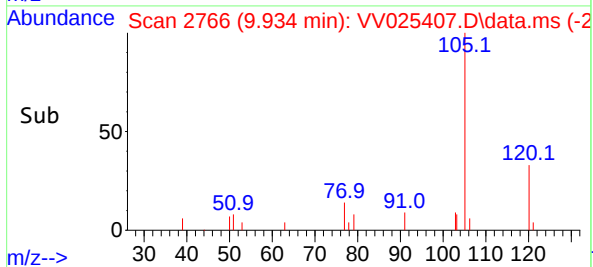
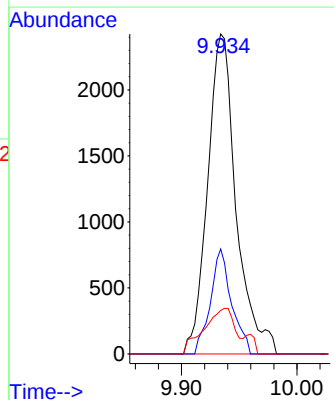
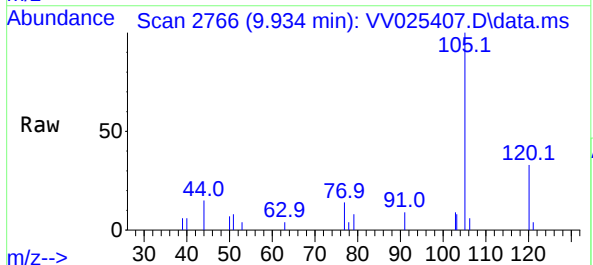
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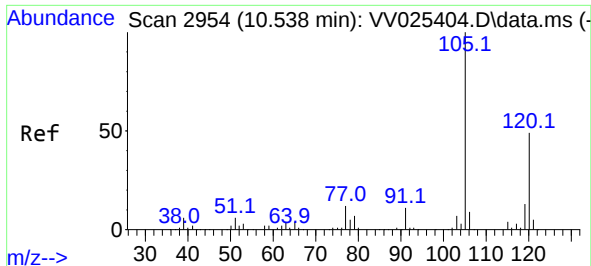
Tgt Ion:106 Resp: 1375
Ion Ratio Lower Upper
106 100
91 205.6 136.4 253.4



#60
Isopropylbenzene
Concen: 0.060 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV025407.D
Acq: 08 Apr 2022 13:33

Tgt Ion:105 Resp: 4154
Ion Ratio Lower Upper
105 100
120 24.3 21.2 31.8
77 15.7 12.2 18.2

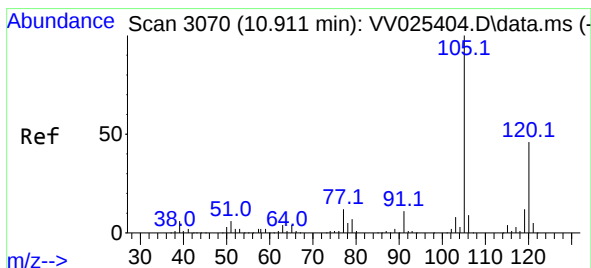
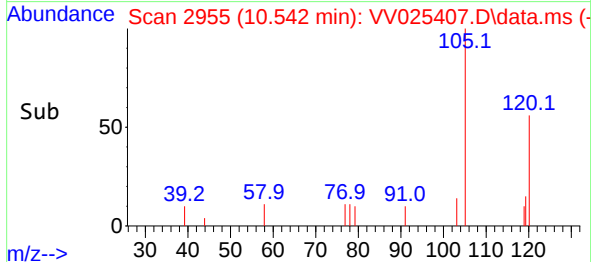
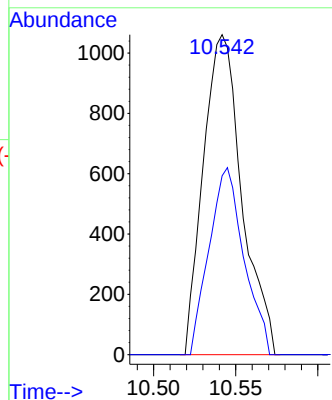
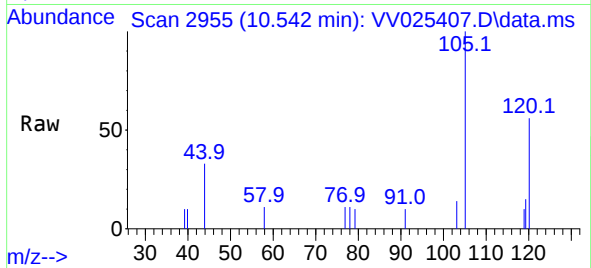




#62
1,3,5-Trimethylbenzene
Concen: 0.056 ug/L
RT: 10.542 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV025407.D
Acq: 08 Apr 2022 13:33

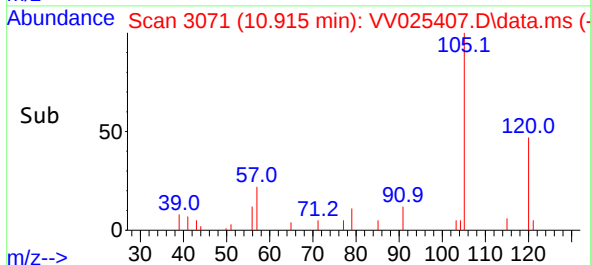
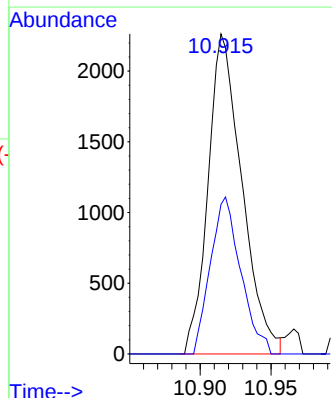
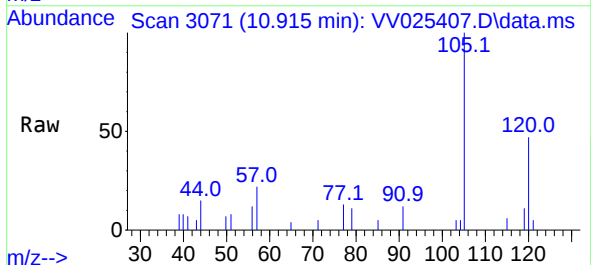
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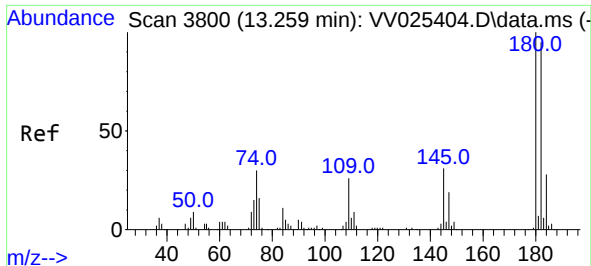
Tgt Ion:105 Resp: 1735
Ion Ratio Lower Upper
105 100
120 52.7 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 0.068 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV025407.D
Acq: 08 Apr 2022 13:33

Tgt Ion:105 Resp: 3764
Ion Ratio Lower Upper
105 100
120 43.9 36.6 55.0

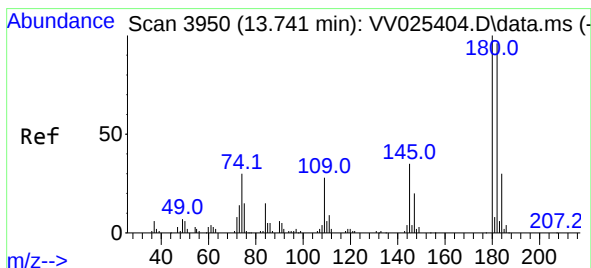
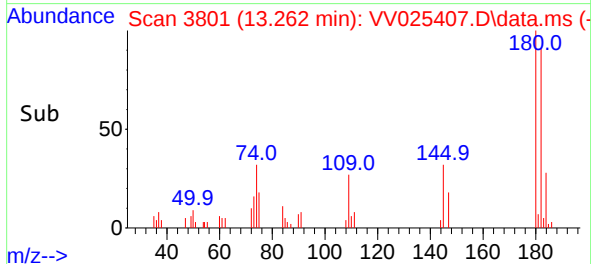
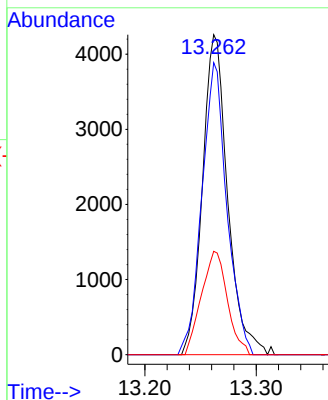
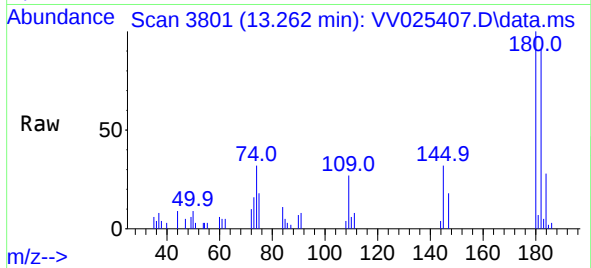




#70
1,2,4-trichlorobenzene
Concen: 0.353 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV025407.D
Acq: 08 Apr 2022 13:33

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Tgt Ion:180 Resp: 6696
Ion Ratio Lower Upper
180 100
182 90.4 76.6 114.8
145 33.2 24.6 36.8



#72
1,2,3-Trichlorobenzene
Concen: 0.485 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV025407.D
Acq: 08 Apr 2022 13:33

Tgt Ion:180 Resp: 7616
Ion Ratio Lower Upper
180 100
182 93.8 77.7 116.5
145 29.6 27.4 41.2

