

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071222\
 Data File : VW026733.D
 Acq On : 12 Jul 2022 18:14
 Operator : SY/MD
 Sample : N3601-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA7

Quant Time: Jul 13 03:03:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 02:57:58 2022
 Response via : Initial Calibration

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

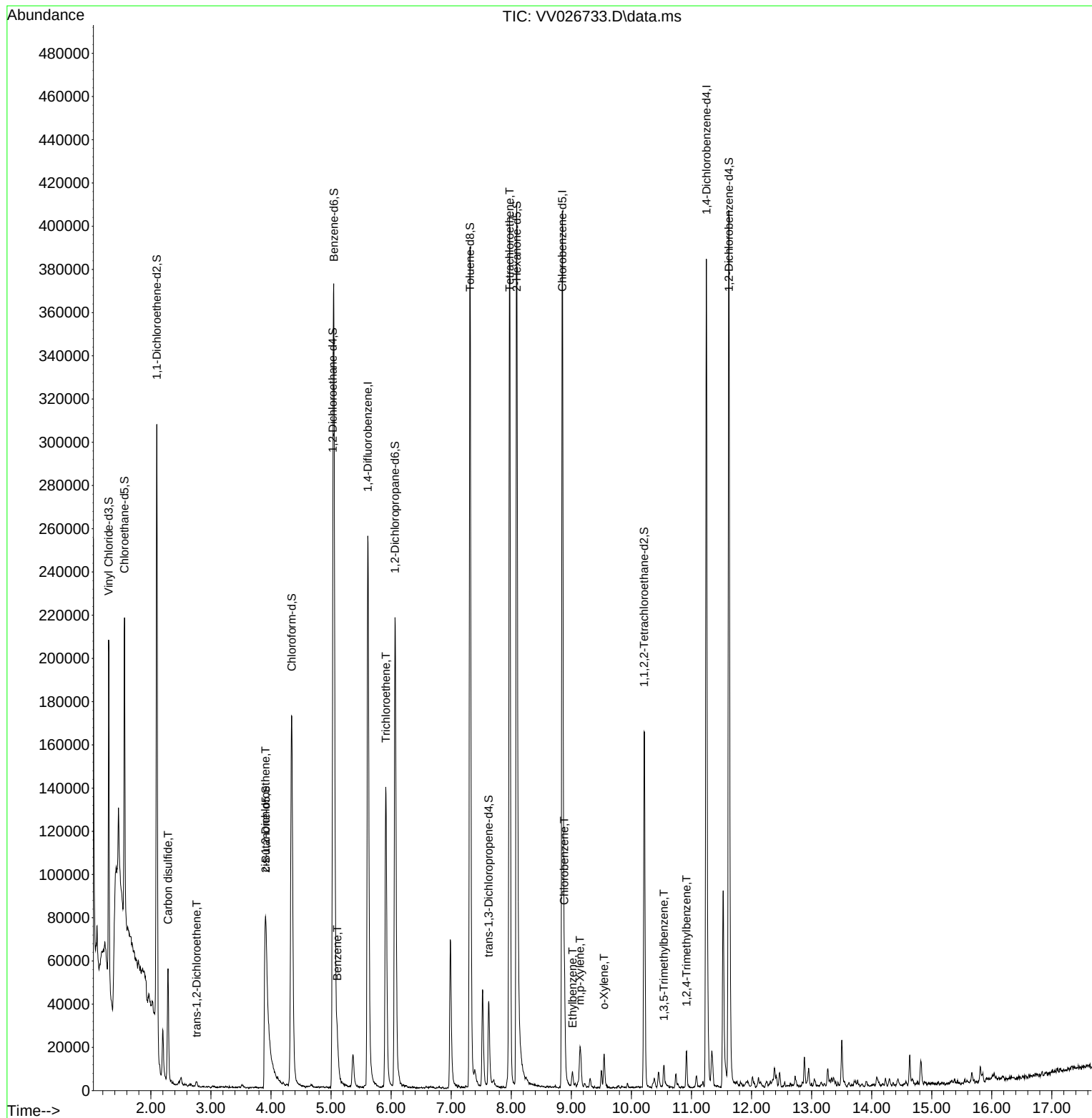
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	225998	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	227335	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	95659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	101871	4.941	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.561	69	93081	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.098	63	148823	3.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.912	46	172835	53.711	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.420%
24) Chloroform-d	4.346	84	185802	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.031	65	87296	5.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.047	84	343493	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.066	67	110405	5.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.313	98	265333	4.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.625	79	24929	3.679	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.092	63	156602	53.377	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	82957	5.141	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	99749	5.985	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.600%
Target Compounds						Qvalue
14) Carbon disulfide	2.285	76	60810	1.042	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	816	0.045	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	10274	0.559	ug/L	97
33) Benzene	5.101	78	22507	0.296	ug/L	100
34) Trichloroethene	5.912	95	51325	2.748	ug/L	95
47) Tetrachloroethene	7.973	164	86967	5.936	ug/L	99
51) Chlorobenzene	8.882	112	27873	0.574	ug/L	97
52) Ethylbenzene	9.021	91	5384	0.071	ug/L	96
53) m,p-Xylene	9.143	106	3936	0.133	ug/L	85
54) o-Xylene	9.545	106	3713	0.132	ug/L	96
62) 1,3,5-Trimethylbenzene	10.542	105	4349	0.092	ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	8966	0.186	ug/L	99

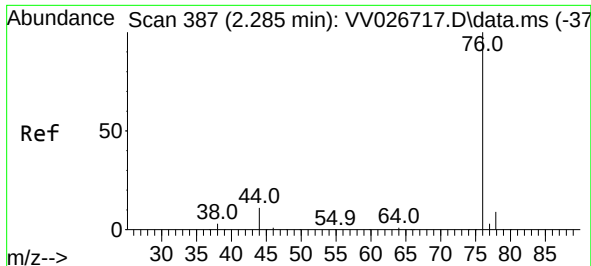
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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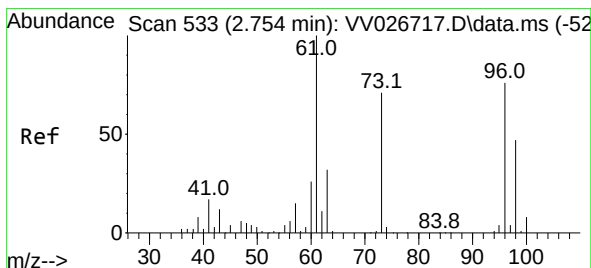
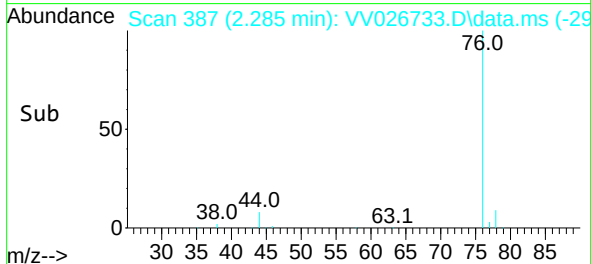
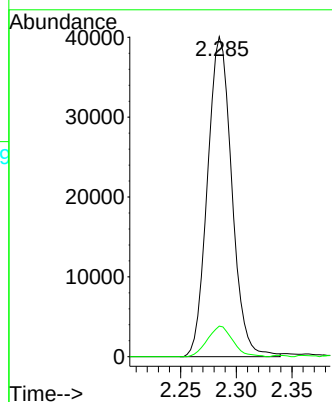
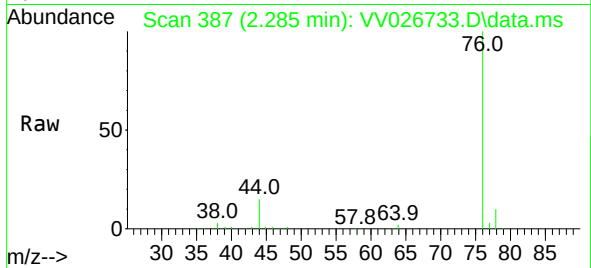




#14
Carbon disulfide
Concen: 1.042 ug/L
RT: 2.285 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026733.D
Acq: 12 Jul 2022 18:14

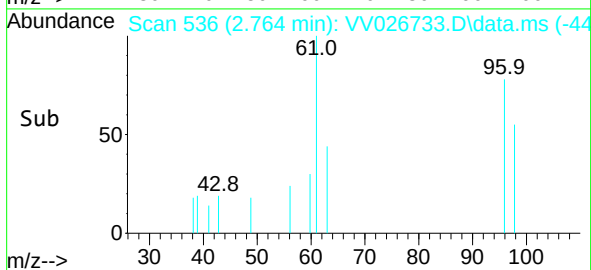
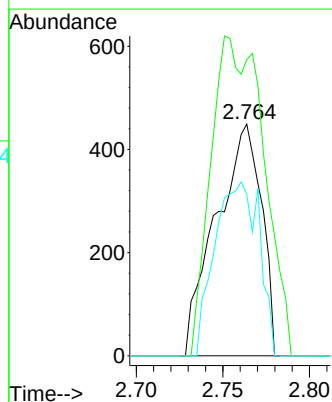
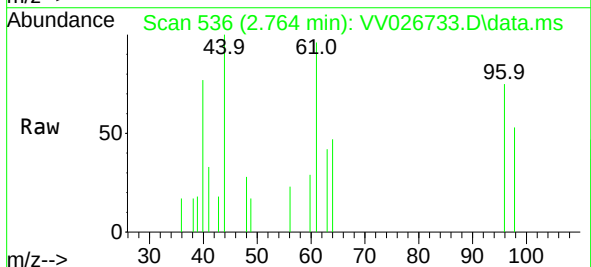
Instrument :
MSVOA_V
ClientSampleId :
DBUA7

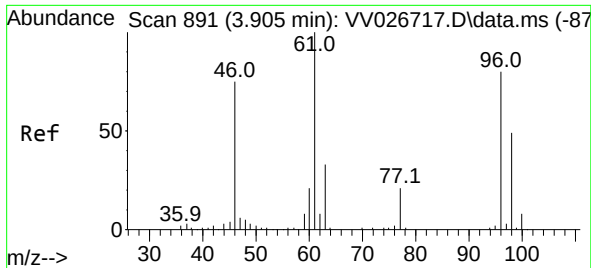
Tgt Ion: 76 Resp: 60810
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5



#18
trans-1,2-Dichloroethene
Concen: 0.045 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.010 min
Lab File: VV026733.D
Acq: 12 Jul 2022 18:14

Tgt Ion: 96 Resp: 816
Ion Ratio Lower Upper
96 100
61 127.8 94.7 175.9
98 69.7 47.4 88.0

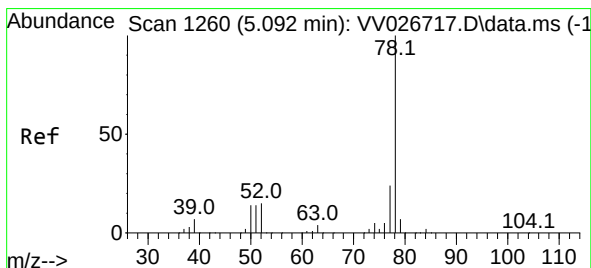
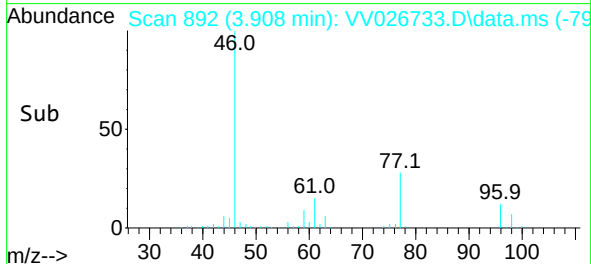
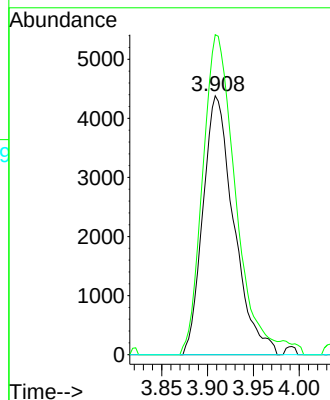
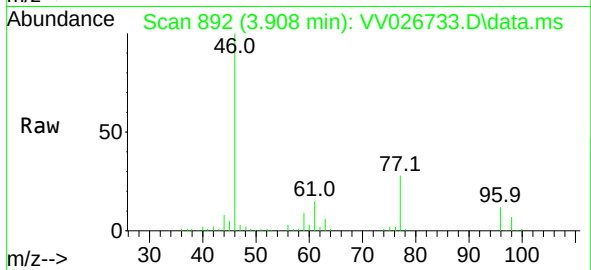




#22
 cis-1,2-Dichloroethene
 Concen: 0.559 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026733.D
 Acq: 12 Jul 2022 18:14

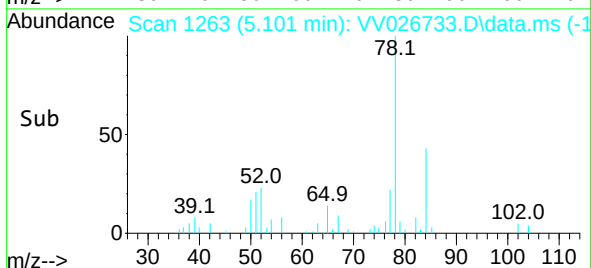
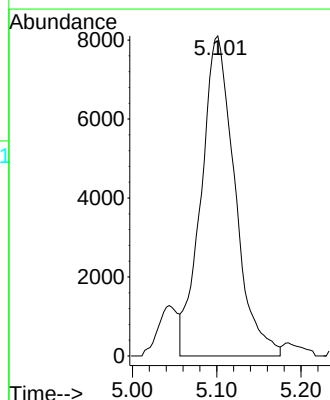
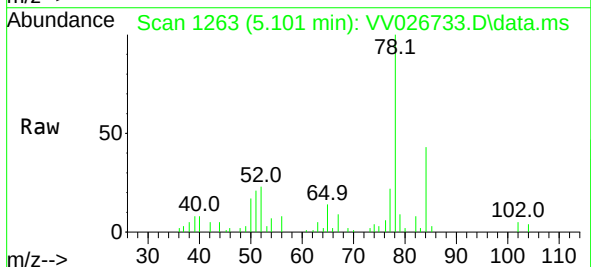
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA7

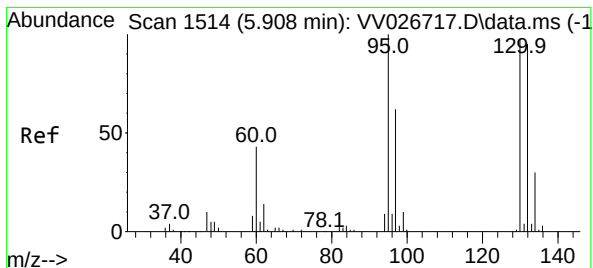
Tgt Ion: 96 Resp: 10274
 Ion Ratio Lower Upper
 96 100
 61 123.6 83.9 155.9
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.296 ug/L
 RT: 5.101 min Scan# 1263
 Delta R.T. 0.010 min
 Lab File: VV026733.D
 Acq: 12 Jul 2022 18:14

Tgt Ion: 78 Resp: 22507





#34

Trichloroethene

Concen: 2.748 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026733.D

Acq: 12 Jul 2022 18:14

Instrument :

MSVOA_V

ClientSampleId :

DBUA7

Tgt Ion: 95 Resp: 51325

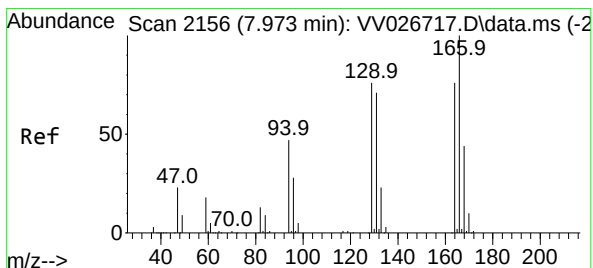
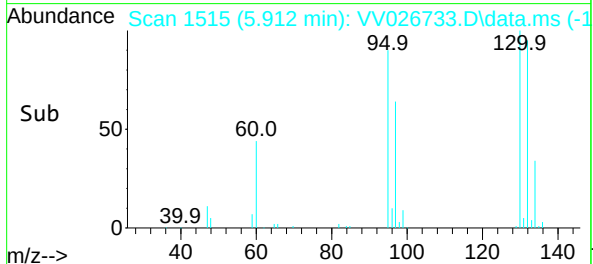
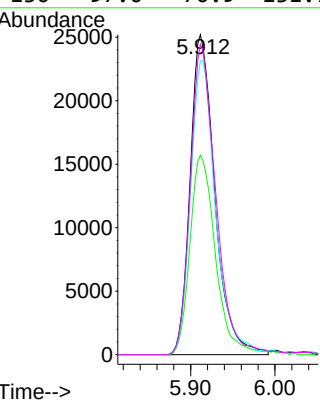
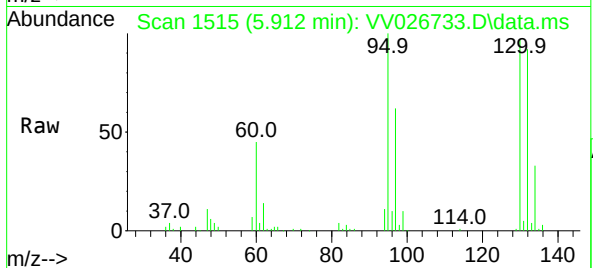
Ion Ratio Lower Upper

95 100

97 62.3 44.6 82.8

132 91.8 70.2 130.4

130 97.0 70.9 131.7



#47

Tetrachloroethene

Concen: 5.936 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV026733.D

Acq: 12 Jul 2022 18:14

Tgt Ion: 164 Resp: 86967

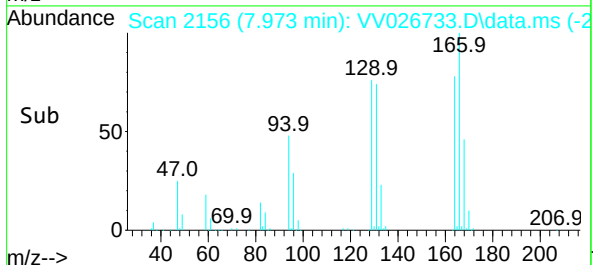
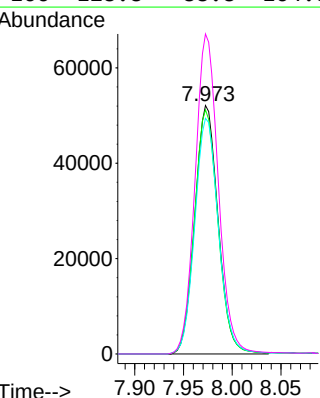
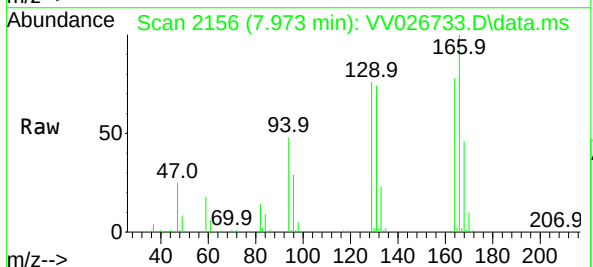
Ion Ratio Lower Upper

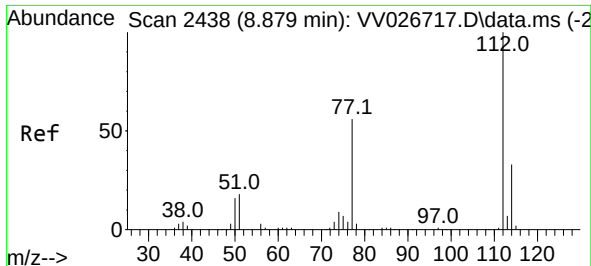
164 100

129 98.3 67.8 125.8

131 94.9 65.9 122.5

166 128.8 88.8 164.8

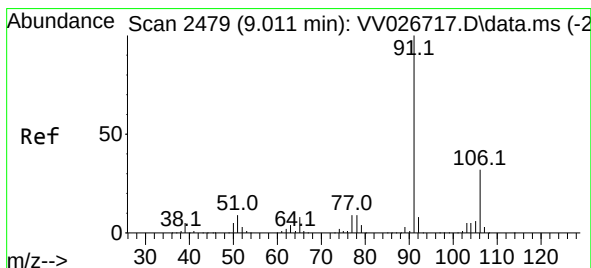
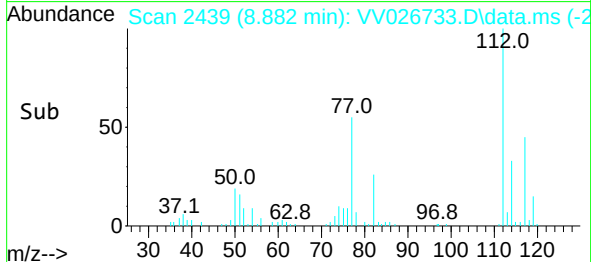
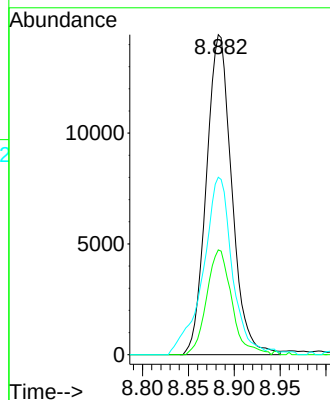
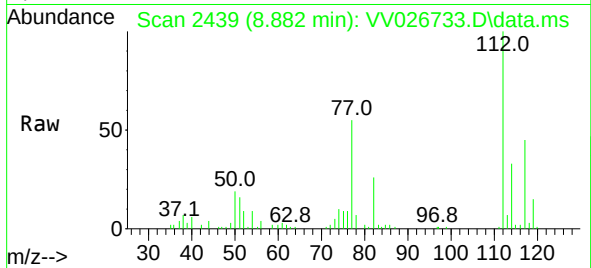




#51
Chlorobenzene
Concen: 0.574 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV026733.D
Acq: 12 Jul 2022 18:14

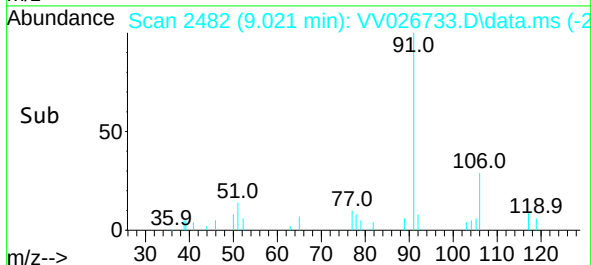
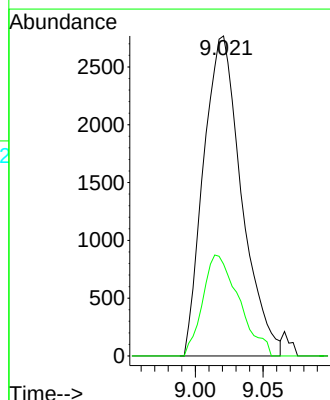
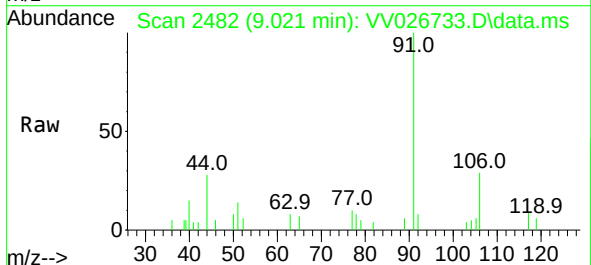
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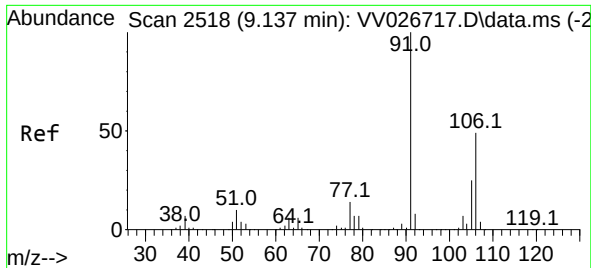
Tgt Ion:112 Resp: 27873
Ion Ratio Lower Upper
112 100
114 32.7 22.7 42.1
77 55.5 46.6 70.0



#52
Ethylbenzene
Concen: 0.071 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.010 min
Lab File: VV026733.D
Acq: 12 Jul 2022 18:14

Tgt Ion: 91 Resp: 5384
Ion Ratio Lower Upper
91 100
106 28.7 21.6 40.2

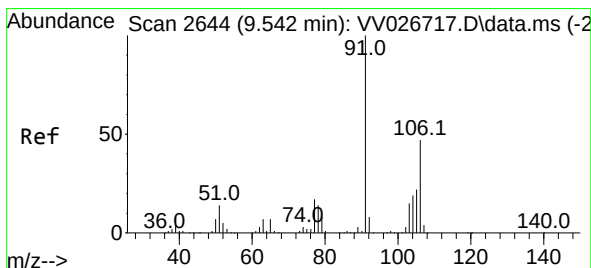
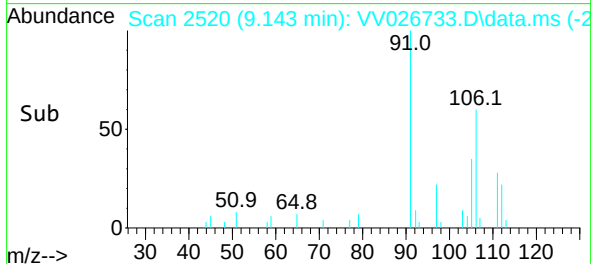
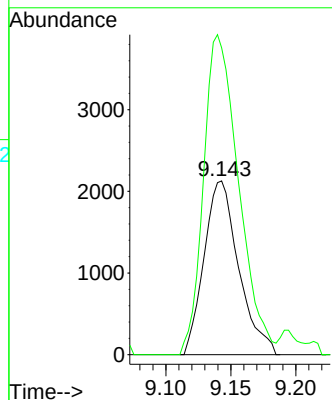
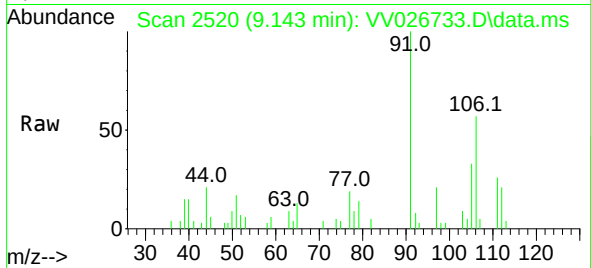




#53
m,p-Xylene
Concen: 0.133 ug/L
RT: 9.143 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV026733.D
Acq: 12 Jul 2022 18:14

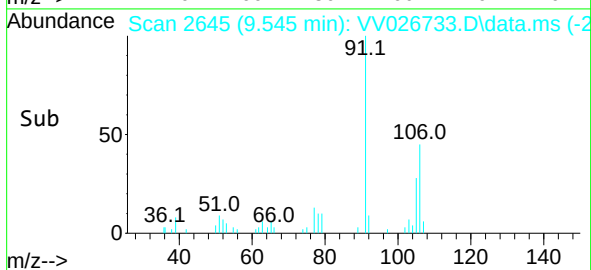
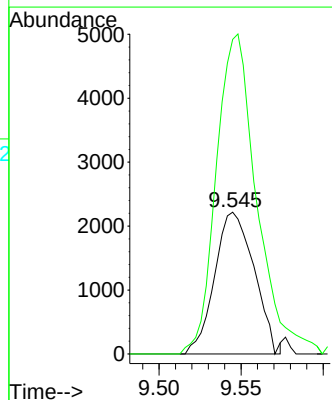
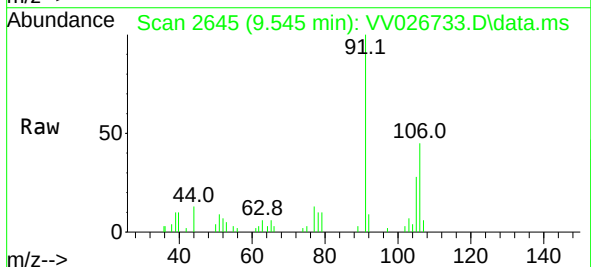
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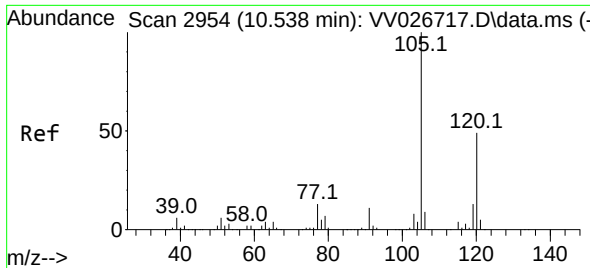
Tgt Ion:106 Resp: 3936
Ion Ratio Lower Upper
106 100
91 176.6 139.3 258.7



#54
o-Xylene
Concen: 0.132 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026733.D
Acq: 12 Jul 2022 18:14

Tgt Ion:106 Resp: 3713
Ion Ratio Lower Upper
106 100
91 221.9 151.1 280.7





#62

1,3,5-Trimethylbenzene

Concen: 0.092 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV026733.D

Acq: 12 Jul 2022 18:14

Instrument :

MSVOA_V

ClientSampleId :

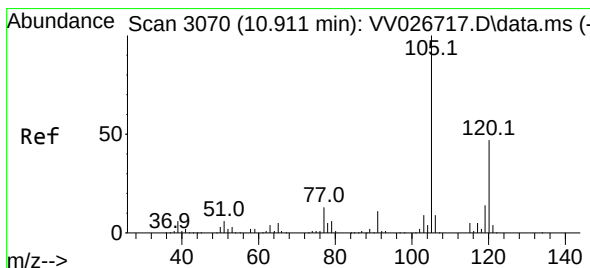
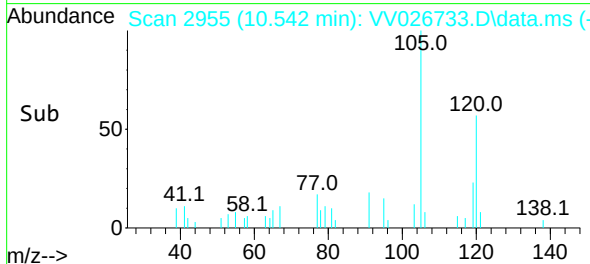
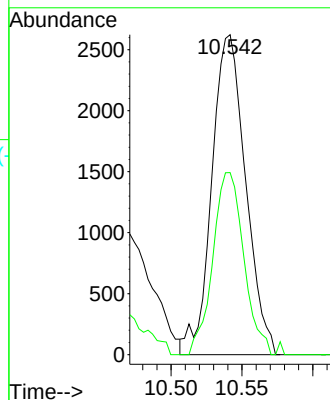
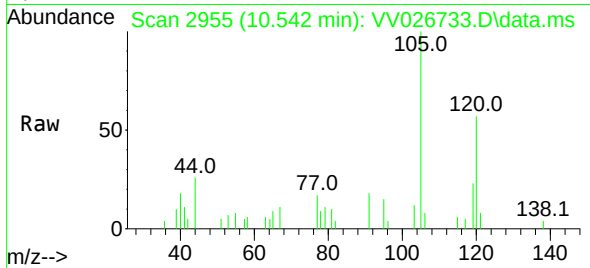
DBUA7

Tgt Ion:105 Resp: 4349

Ion Ratio Lower Upper

105 100

120 52.2 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.186 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV026733.D

Acq: 12 Jul 2022 18:14

Tgt Ion:105 Resp: 8966

Ion Ratio Lower Upper

105 100

120 45.2 36.8 55.2

