

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026988.D
 Acq On : 27 Jul 2022 06:36
 Operator : SY/MD
 Sample : N3880-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUG6

Quant Time: Jul 27 07:04:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 02:43:35 2022
 Response via : Initial Calibration

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

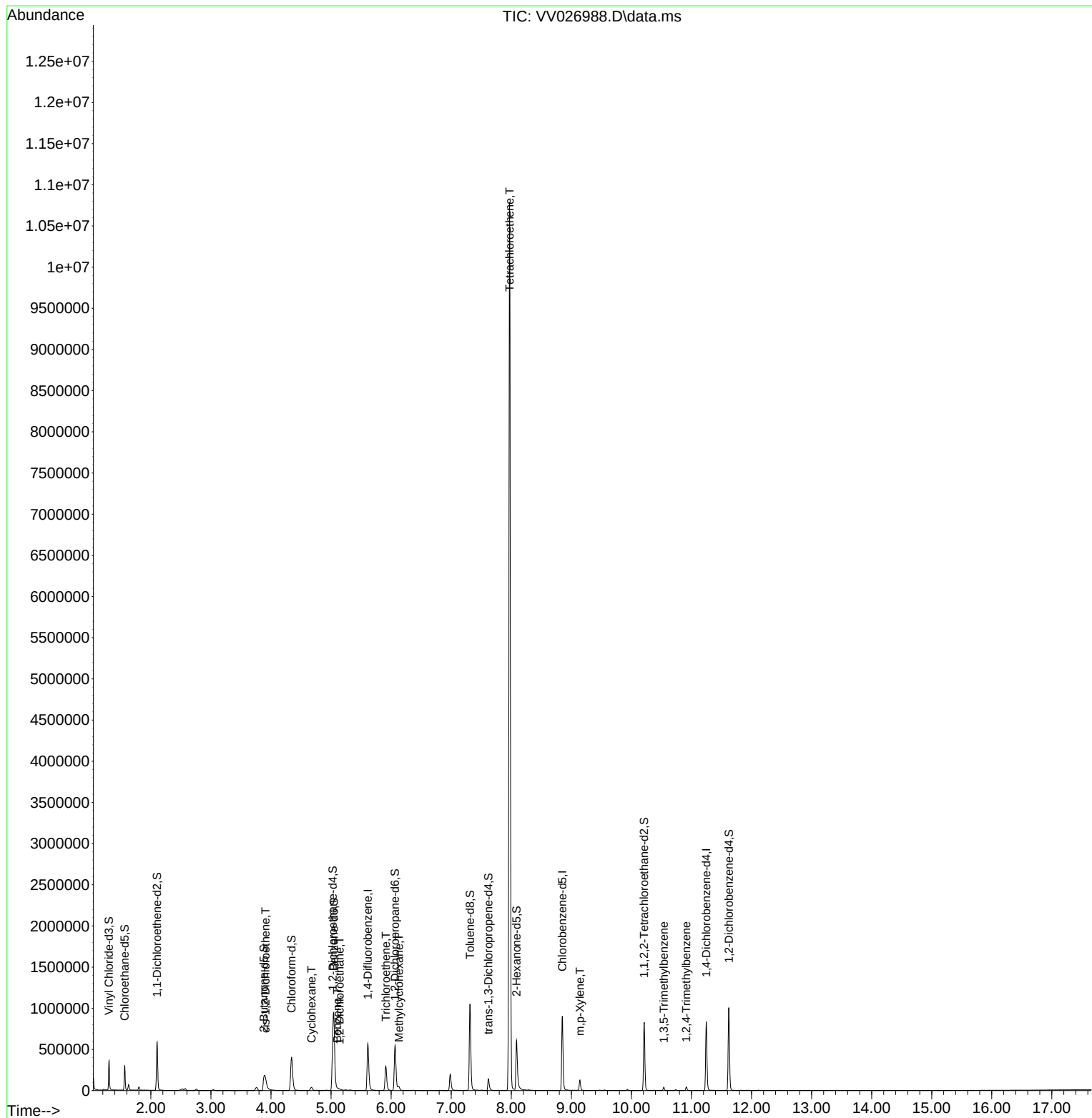
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	519743	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	519761	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	224337	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	226306	51.915	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 103.840%	
7) Chloroethane-d5	1.565	69	194953	55.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 110.560%	
11) 1,1-Dichloroethene-d2	2.105	63	302692	38.597	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 77.200%	
21) 2-Butanone-d5	3.883	46	305049	103.820	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 103.820%	
24) Chloroform-d	4.343	84	438324	51.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.180%	
26) 1,2-Dichloroethane-d4	5.027	65	262341	53.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.920%	
32) Benzene-d6	5.047	84	886746	56.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 112.880%	
36) 1,2-Dichloropropane-d6	6.066	67	283482	55.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 111.980%	
41) Toluene-d8	7.314	98	723725	52.647	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.300%	
43) trans-1,3-Dichloroprop...	7.619	79	91052	42.918	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 85.840%	
47) 2-Hexanone-d5	8.088	63	216931	98.400	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 98.400%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	402232	52.295	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 104.580%	
66) 1,2-Dichlorobenzene-d4	11.622	152	268981	63.911	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 127.820%#	
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.909	96	39997	8.938	ug/L	95
27) 1,2-Dichloroethane	5.143	62	13245	2.250	ug/L	96
29) Cyclohexane	4.674	56	18171	3.343	ug/L	99
33) Benzene	5.105	78	20309	1.215	ug/L	100
34) Trichloroethene	5.912	95	109822	25.568	ug/L	98
35) Methylcyclohexane	6.130	83	18171	2.857	ug/L	95
46) Tetrachloroethene	7.973	164	2385928	712.082	ug/L	97
53) m,p-Xylene	9.143	106	34446	4.968	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	20936	1.943	ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	24083	2.228	ug/L	96

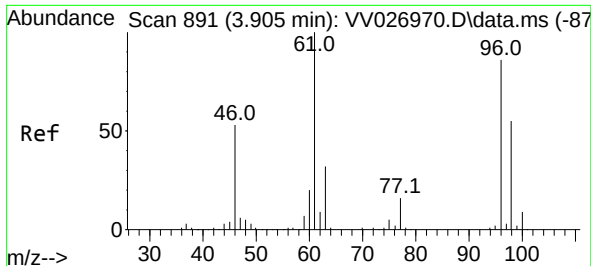
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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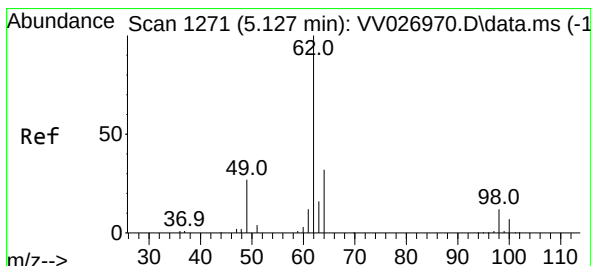
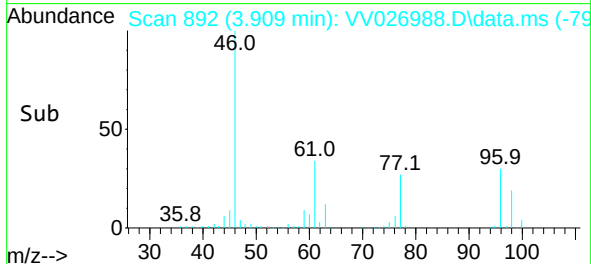
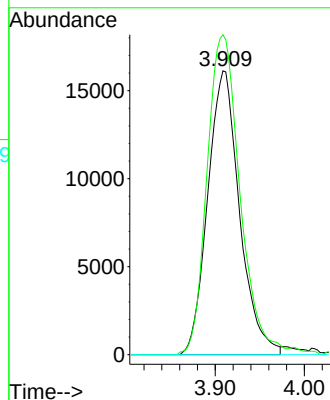
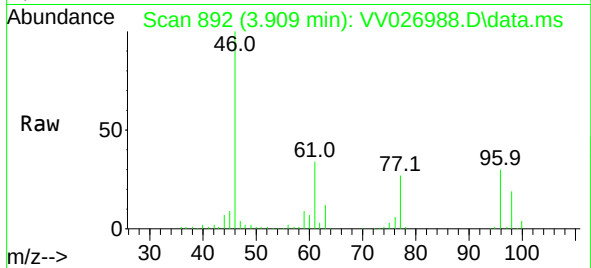




#20
 cis-1,2-Dichloroethene
 Concen: 8.938 ug/L
 RT: 3.909 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026988.D
 Acq: 27 Jul 2022 06:36

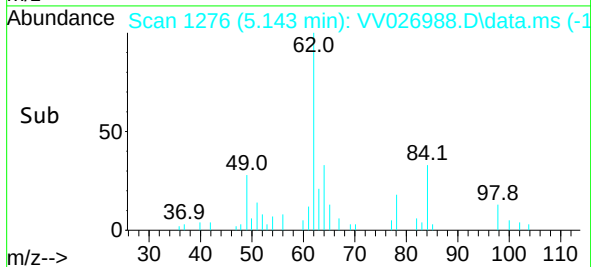
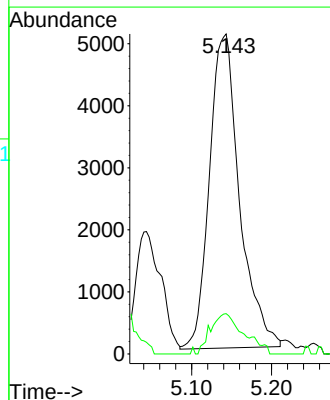
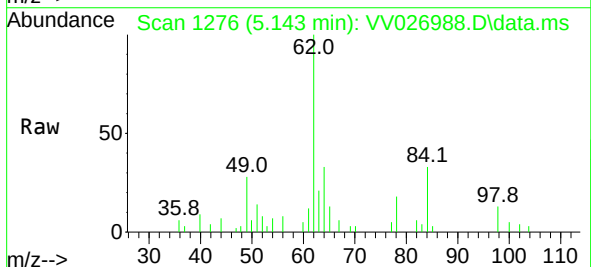
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUG6

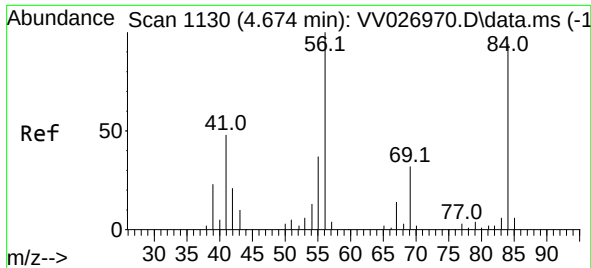
Tgt Ion: 96 Resp: 39997
 Ion Ratio Lower Upper
 96 100
 61 112.7 83.0 154.1
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 2.250 ug/L
 RT: 5.143 min Scan# 1276
 Delta R.T. 0.016 min
 Lab File: VV026988.D
 Acq: 27 Jul 2022 06:36

Tgt Ion: 62 Resp: 13245
 Ion Ratio Lower Upper
 62 100
 98 12.6 8.9 13.3

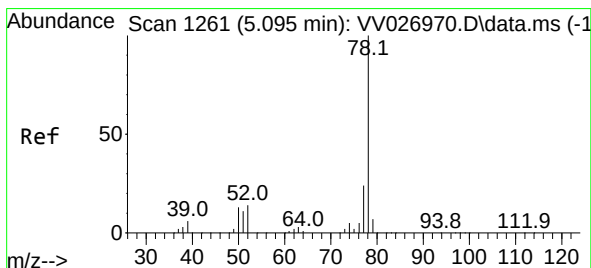
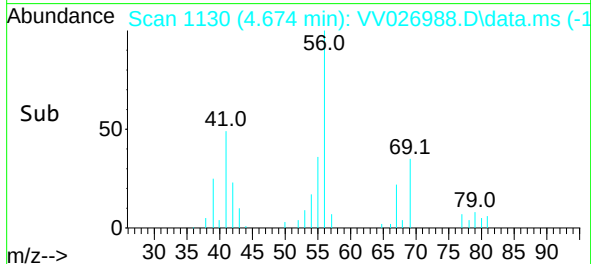
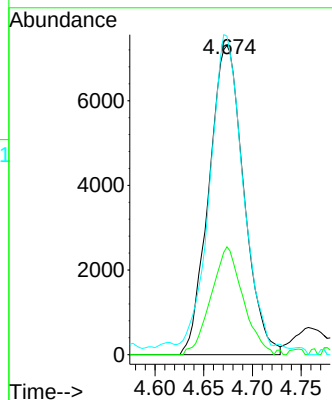
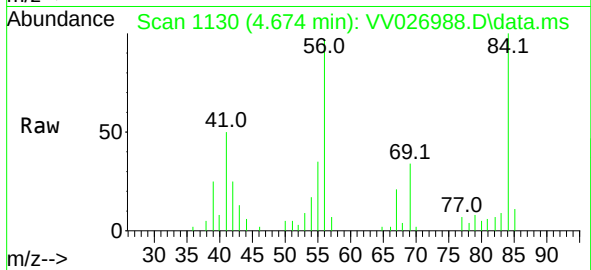




#29
Cyclohexane
Concen: 3.343 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VV026988.D
Acq: 27 Jul 2022 06:36

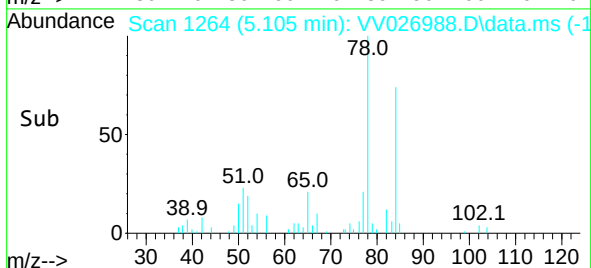
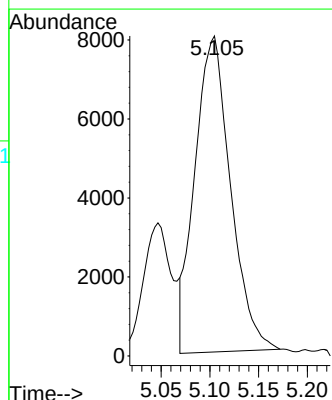
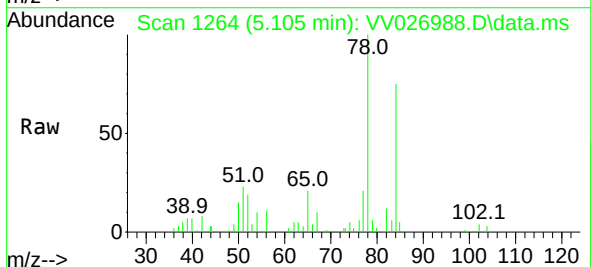
Instrument :
MSVOA_V
ClientSampleId :
DBUG6

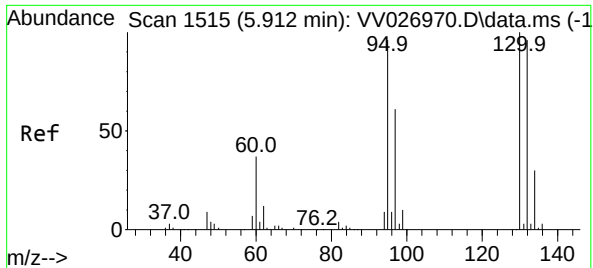
Tgt Ion: 56 Resp: 18171
Ion Ratio Lower Upper
56 100
69 31.9 25.7 38.5
84 95.1 77.0 115.6



#33
Benzene
Concen: 1.215 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV026988.D
Acq: 27 Jul 2022 06:36

Tgt Ion: 78 Resp: 20309

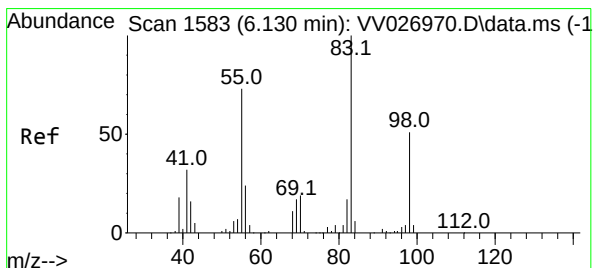
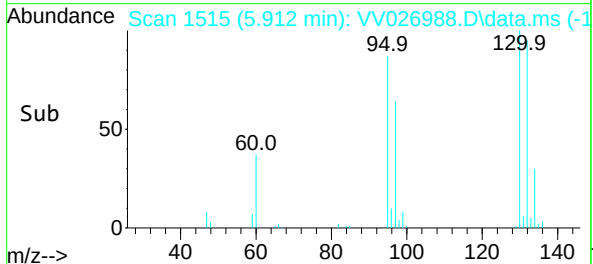
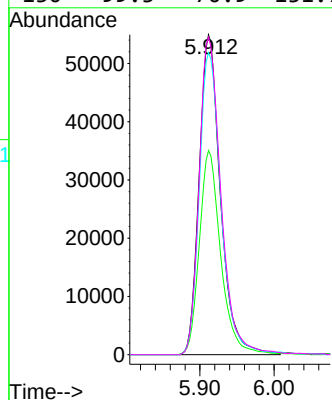
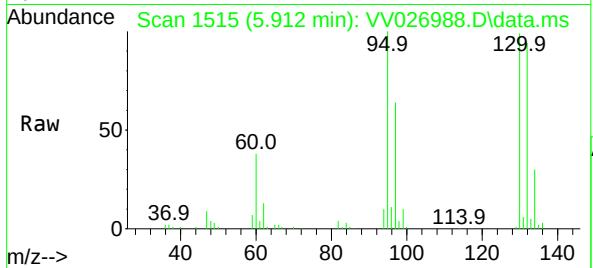




#34
Trichloroethene
Concen: 25.568 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV026988.D
Acq: 27 Jul 2022 06:36

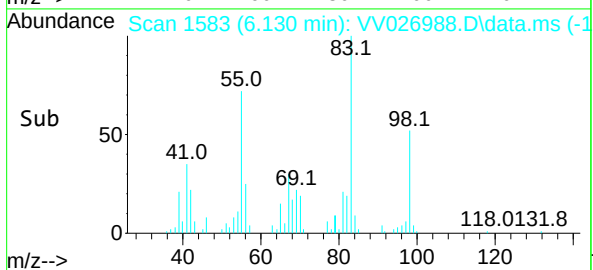
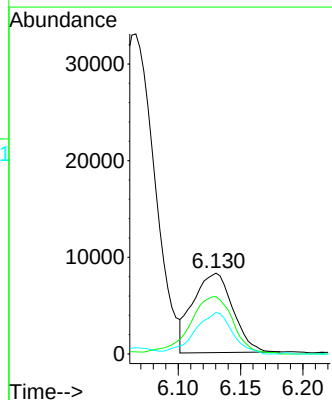
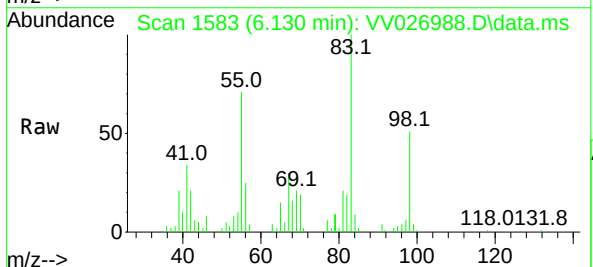
Instrument :
MSVOA_V
ClientSampleId :
DBUG6

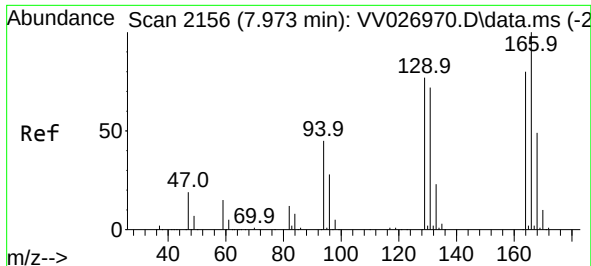
Tgt Ion: 95 Resp: 109822
Ion Ratio Lower Upper
95 100
97 63.8 45.9 85.3
132 94.4 68.1 126.5
130 99.3 70.9 131.7



#35
Methylcyclohexane
Concen: 2.857 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV026988.D
Acq: 27 Jul 2022 06:36

Tgt Ion: 83 Resp: 18171
Ion Ratio Lower Upper
83 100
55 79.1 57.4 86.2
98 49.5 39.4 59.0

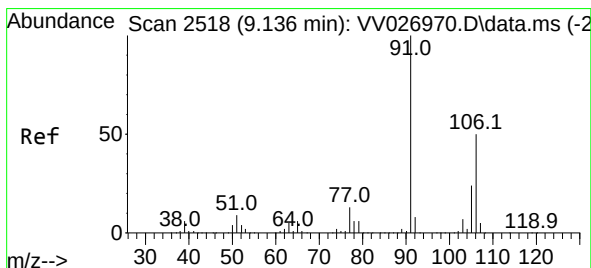
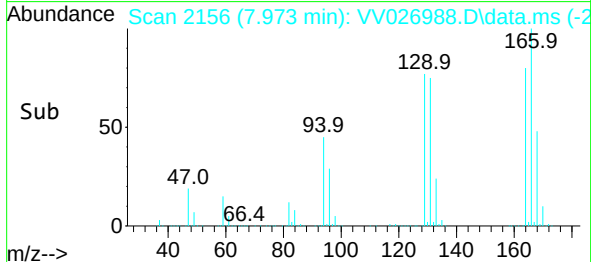
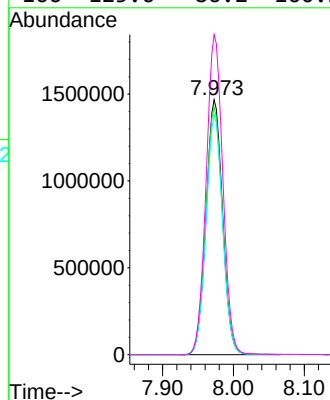
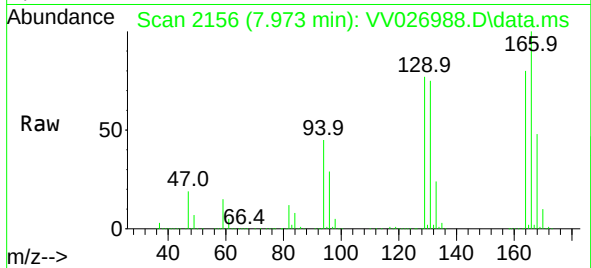




#46
Tetrachloroethene
Concen: 712.082 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026988.D
Acq: 27 Jul 2022 06:36

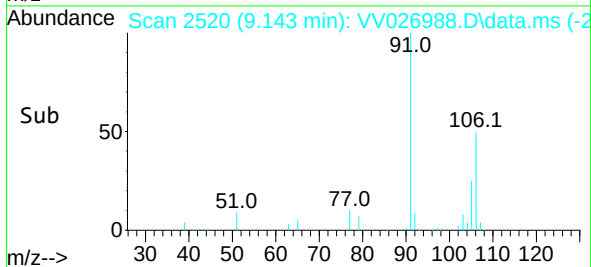
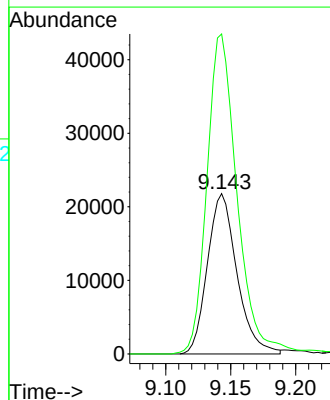
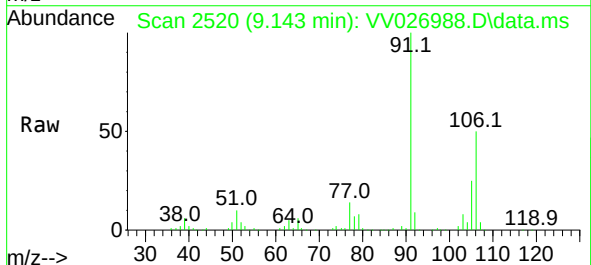
Instrument :
MSVOA_V
ClientSampleId :
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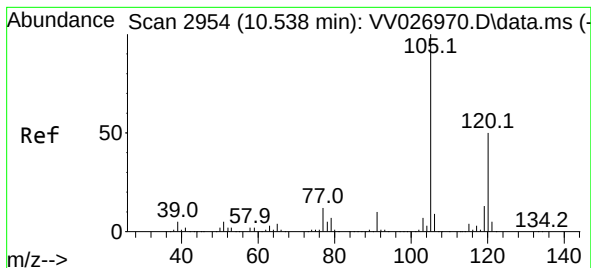
Tgt Ion:164 Resp: 2385928
Ion Ratio Lower Upper
164 100
129 97.2 66.3 123.1
131 94.1 63.1 117.3
166 125.6 86.2 160.2



#53
m,p-Xylene
Concen: 4.968 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.007 min
Lab File: VV026988.D
Acq: 27 Jul 2022 06:36

Tgt Ion:106 Resp: 34446
Ion Ratio Lower Upper
106 100
91 199.5 140.0 260.0





#62

1,3,5-Trimethylbenzene

Concen: 1.943 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026988.D

Acq: 27 Jul 2022 06:36

Instrument :

MSVOA_V

ClientSampleId :

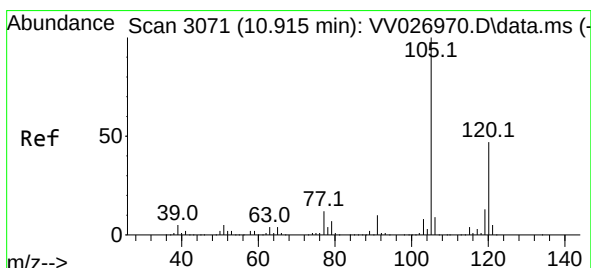
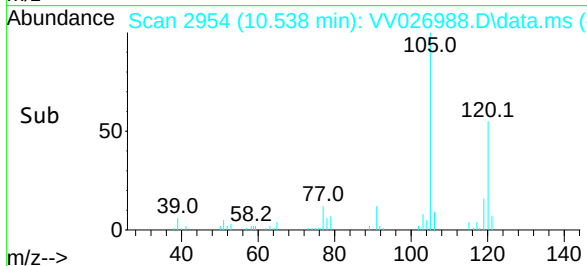
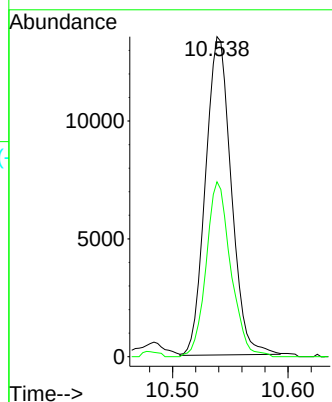
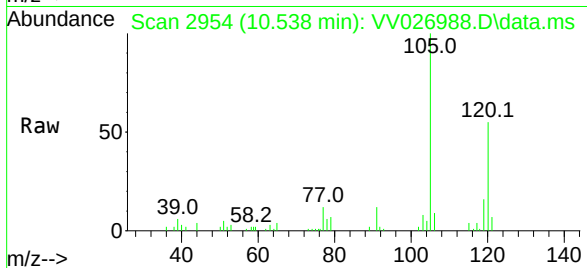
DBUG6

Tgt Ion:105 Resp: 20936

Ion Ratio Lower Upper

105 100

120 52.5 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 2.228 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV026988.D

Acq: 27 Jul 2022 06:36

Tgt Ion:105 Resp: 24083

Ion Ratio Lower Upper

105 100

120 49.0 37.1 55.7

