

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049960.D
 Acq On : 27 Jul 2022 21:04
 Operator : SY/MD
 Sample : N3879-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUN9

Quant Time: Jul 28 03:49:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:41:29 2022
 Response via : Initial Calibration

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

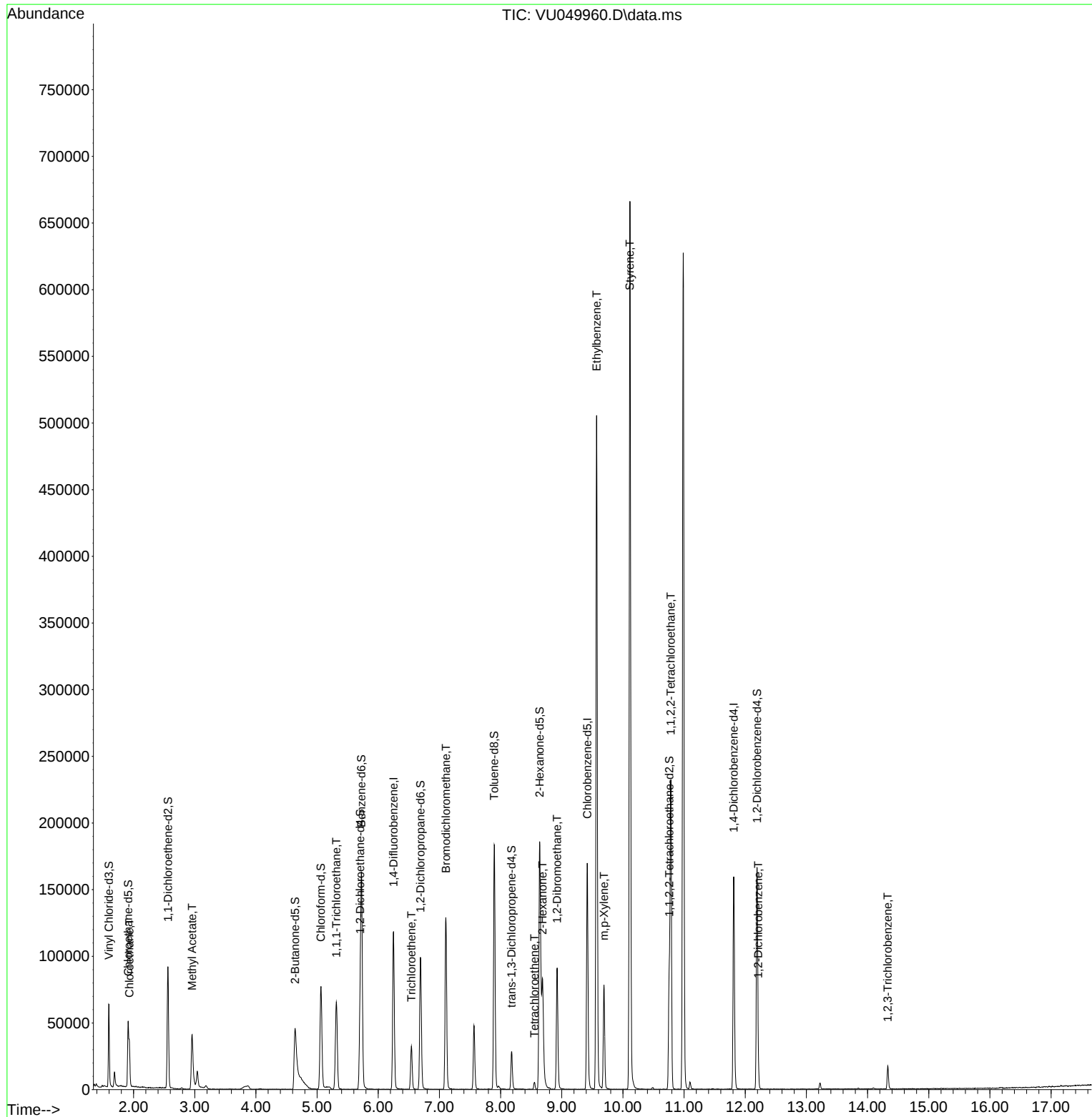
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	98896	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	97920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	45466	5.355	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 107.000%	
7) Chloroethane-d5	1.912	69	35709	5.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 117.000%	
11) 1,1-Dichloroethene-d2	2.562	65	16913	5.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 115.600%	
20) 2-Butanone-d5	4.639	46	95487	50.517	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 101.040%	
24) Chloroform-d	5.063	84	74036	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 105.400%	
26) 1,2-Dichloroethane-d4	5.703	65	38863	5.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.800%	
32) Benzene-d6	5.726	84	155940	5.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.800%	
36) 1,2-Dichloropropane-d6	6.690	67	51868	5.472	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 109.400%	
41) Toluene-d8	7.896	98	127766	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 99.400%	
43) trans-1,3-Dichloroprop...	8.179	79	17454	5.254	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 105.000%	
46) 2-Hexanone-d5	8.639	63	66129	53.172	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 106.340%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46031	5.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 115.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	45036	5.553	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 111.000%	
Target Compounds						Qvalue
8) Chloroethane	1.932	64	15726	3.263	ug/L	96
15) Methyl Acetate	2.957	43	62766	22.771	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	48378	4.653	ug/L	100
34) Trichloroethene	6.542	95	11691	1.683	ug/L	97
38) Bromodichloromethane	7.105	83	88832	9.322	ug/L	98
47) Tetrachloroethene	8.552	164	1336	0.267	ug/L	97
48) 2-Hexanone	8.687	43	51168	14.750	ug/L	95
50) 1,2-Dibromoethane	8.925	107	63704	12.190	ug/L	95
52) Ethylbenzene	9.571	91	356130	12.510	ug/L	99
53) m,p-Xylene	9.690	106	22252	2.053	ug/L	100
55) Styrene	10.115	104	331167	18.500	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	116905	15.261	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	3122	0.254	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.330	180	6066	0.859	ug/L	97

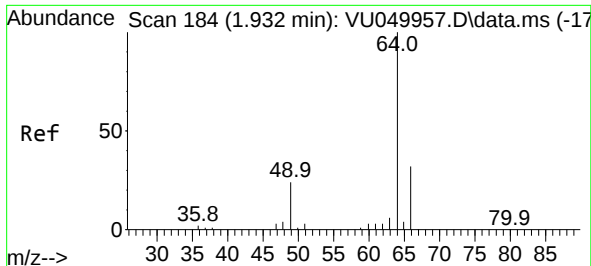
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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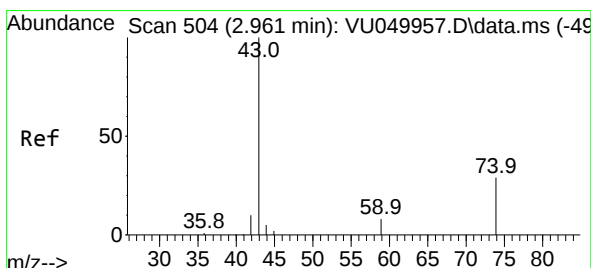
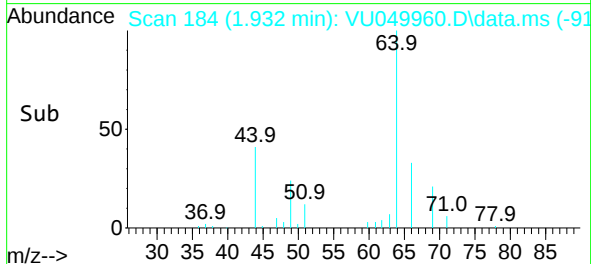
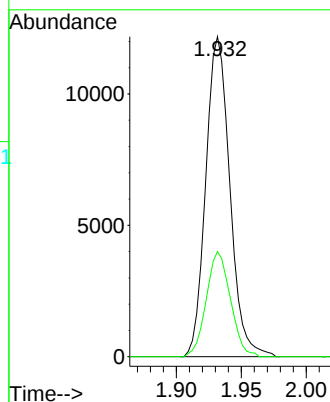
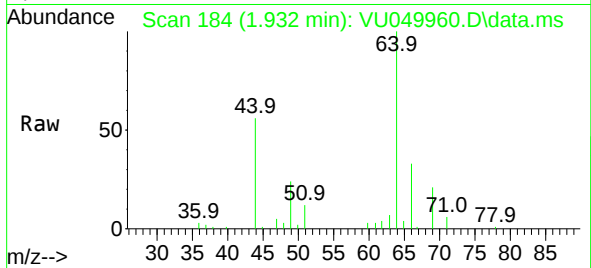




#8
Chloroethane
Concen: 3.263 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049960.D
Acq: 27 Jul 2022 21:04

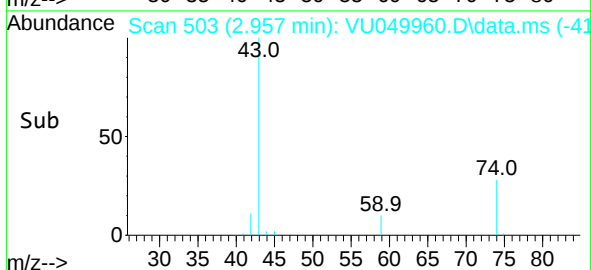
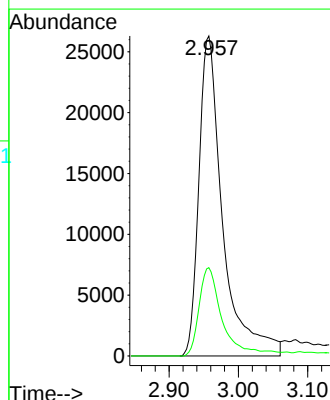
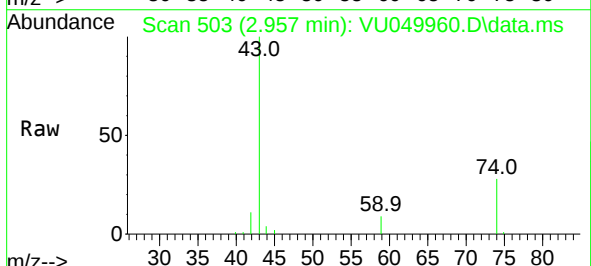
Instrument :
MSVOA_U
ClientSampleId :
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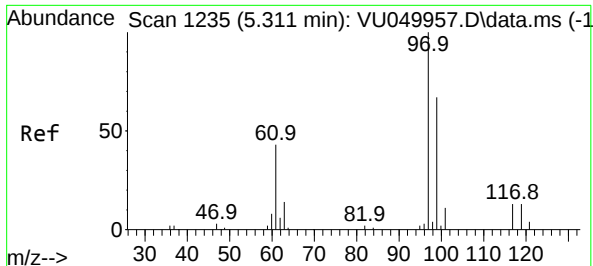
Tgt Ion: 64 Resp: 15726
Ion Ratio Lower Upper
64 100
66 32.9 21.4 39.8



#15
Methyl Acetate
Concen: 22.771 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU049960.D
Acq: 27 Jul 2022 21:04

Tgt Ion: 43 Resp: 62766
Ion Ratio Lower Upper
43 100
74 26.2 21.6 32.4





#29

1,1,1-Trichloroethane

Concen: 4.653 ug/L

RT: 5.314 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VU049960.D

Acq: 27 Jul 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

DBUN9

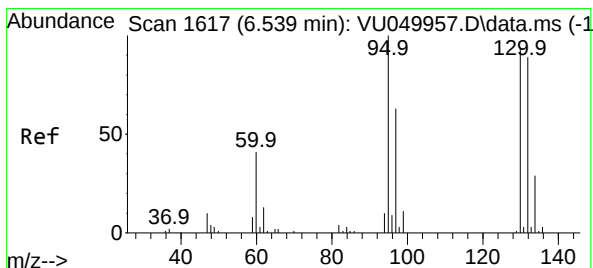
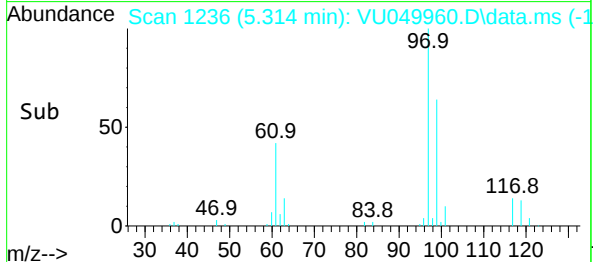
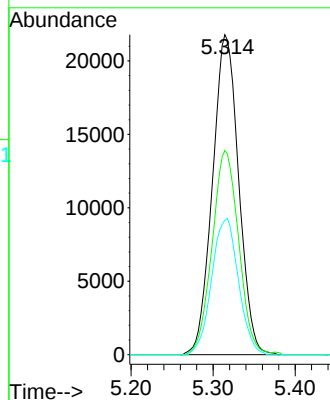
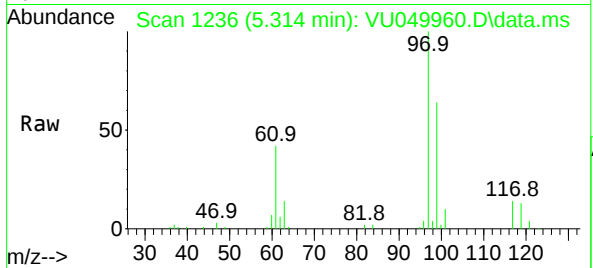
Tgt Ion: 97 Resp: 48378

Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

61 43.5 35.0 52.6



#34

Trichloroethene

Concen: 1.683 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049960.D

Acq: 27 Jul 2022 21:04

Tgt Ion: 95 Resp: 11691

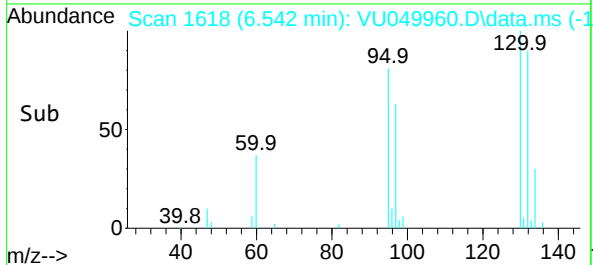
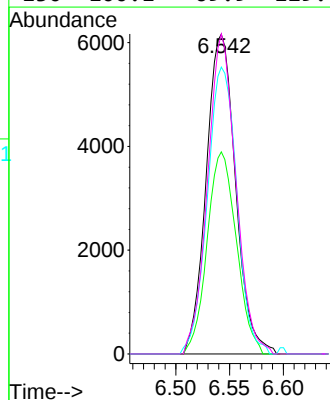
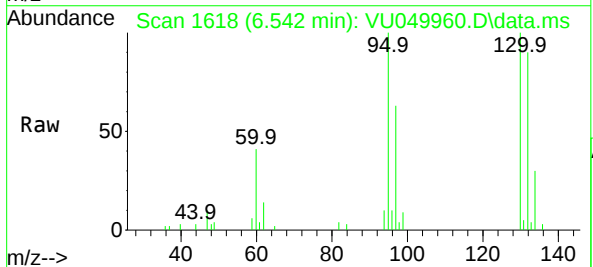
Ion Ratio Lower Upper

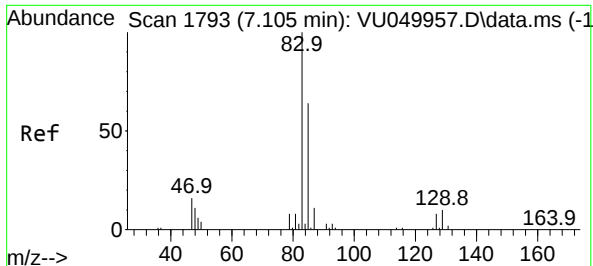
95 100

97 63.2 45.6 84.8

132 89.7 66.8 124.2

130 100.1 69.9 129.7

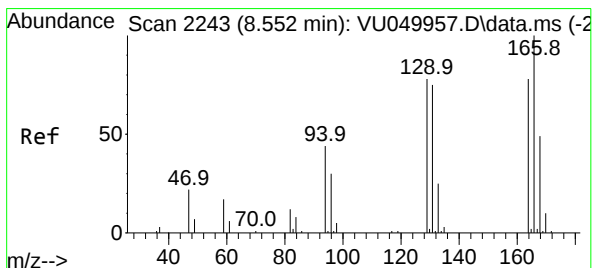
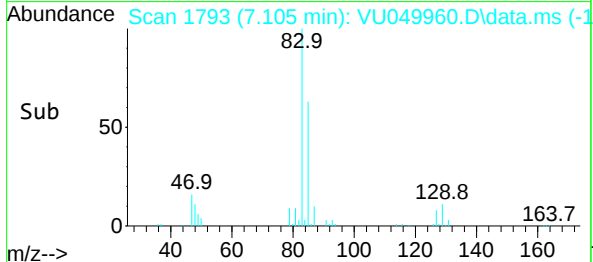
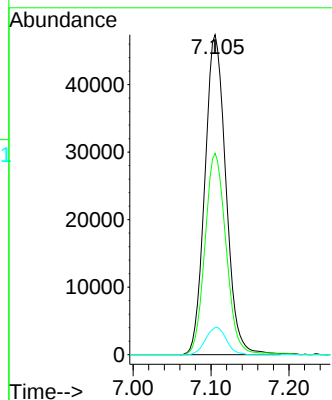
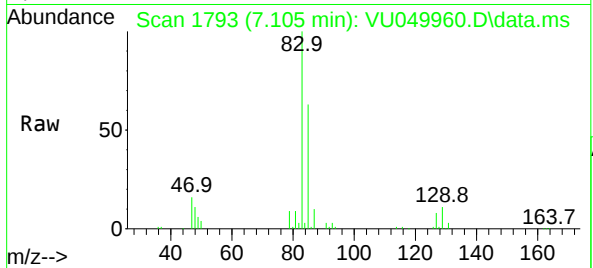




#38
Bromodichloromethane
Concen: 9.322 ug/L
RT: 7.105 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049960.D
Acq: 27 Jul 2022 21:04

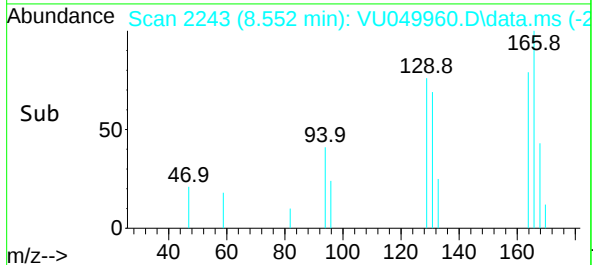
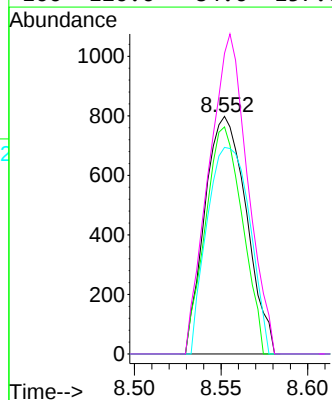
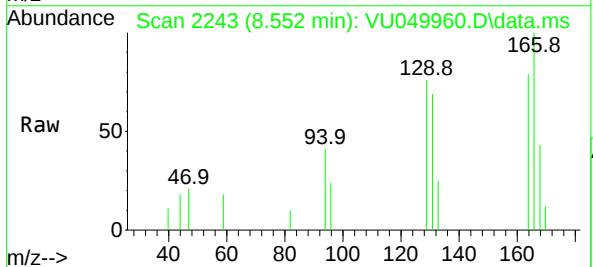
Instrument :
MSVOA_U
ClientSampleId :
DBUN9

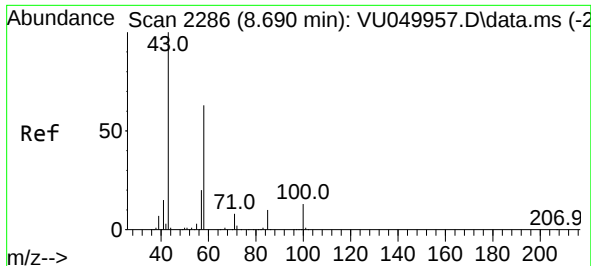
Tgt Ion: 83 Resp: 88832
Ion Ratio Lower Upper
83 100
85 63.0 44.9 83.5
127 8.5 7.2 10.8



#47
Tetrachloroethene
Concen: 0.267 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049960.D
Acq: 27 Jul 2022 21:04

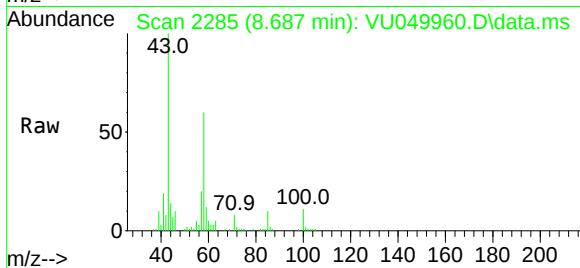
Tgt Ion: 164 Resp: 1336
Ion Ratio Lower Upper
164 100
129 95.6 66.3 123.1
131 87.0 63.1 117.1
166 126.6 84.6 157.0



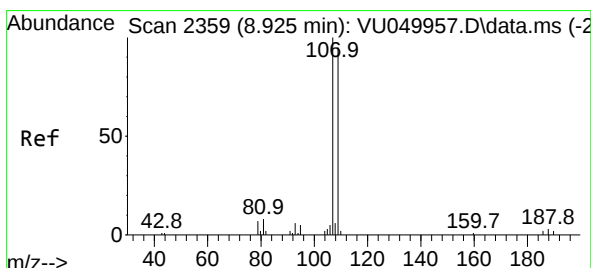
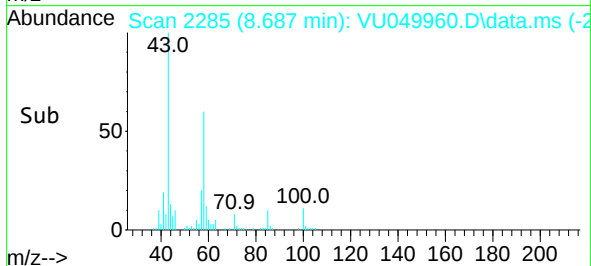
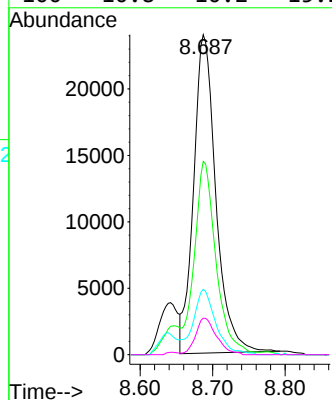


#48
2-Hexanone
Concen: 14.750 ug/L
RT: 8.687 min Scan# 21168
Delta R.T. -0.003 min
Lab File: VU049960.D
Acq: 27 Jul 2022 21:04

Instrument :
MSVOA_U
ClientSampleId :
DBUN9

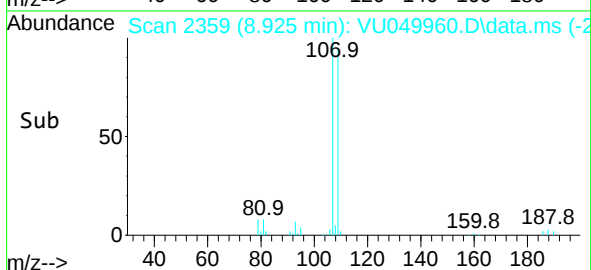
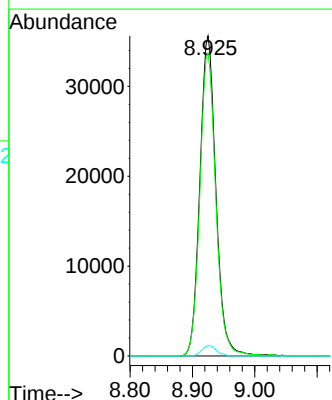
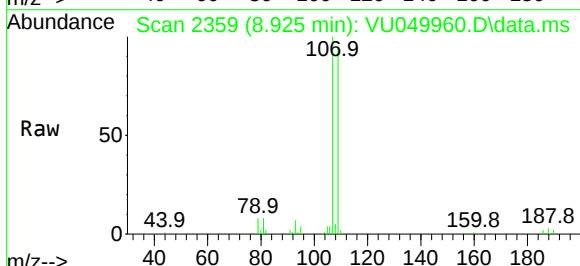


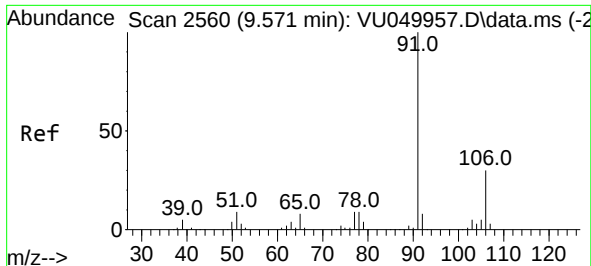
Tgt Ion: 43	Resp: 51168
Ion Ratio	Lower Upper
43 100	
58 57.2	49.4 74.0
57 20.5	17.0 25.4
100 10.8	10.2 15.2



#50
1,2-Dibromoethane
Concen: 12.190 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU049960.D
Acq: 27 Jul 2022 21:04

Tgt Ion:107	Resp: 63704		
Ion Ratio	Lower	Upper	
107 100			
109 94.7	62.7	116.5	
188 3.2	2.4	3.6	

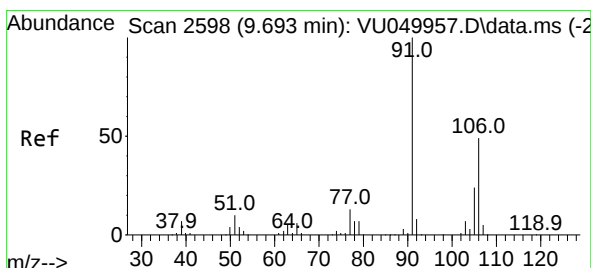
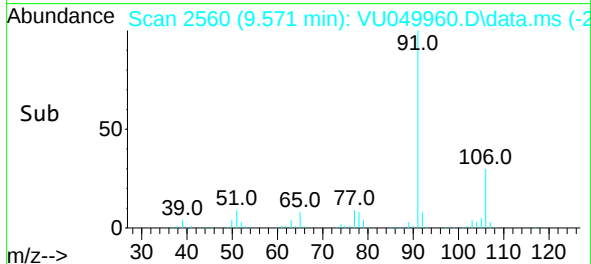
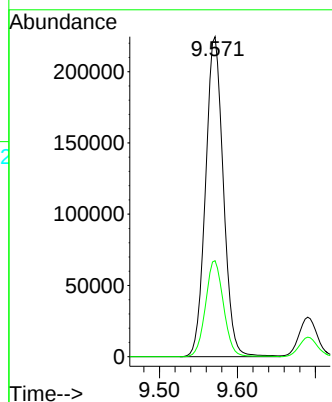
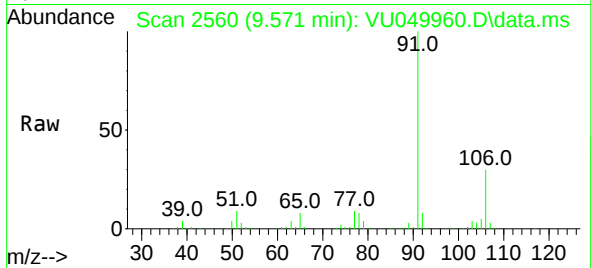




#52
Ethylbenzene
Concen: 12.510 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049960.D
Acq: 27 Jul 2022 21:04

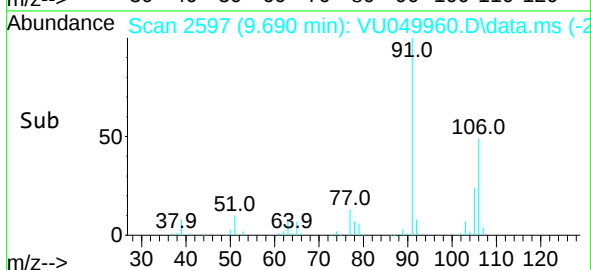
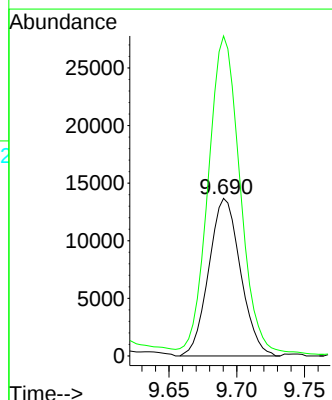
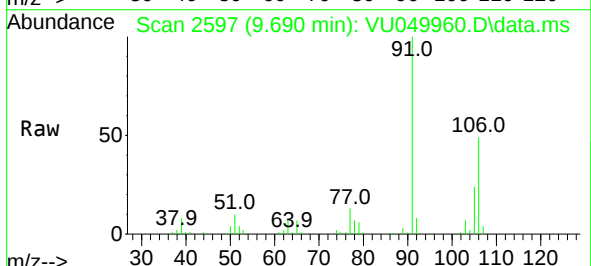
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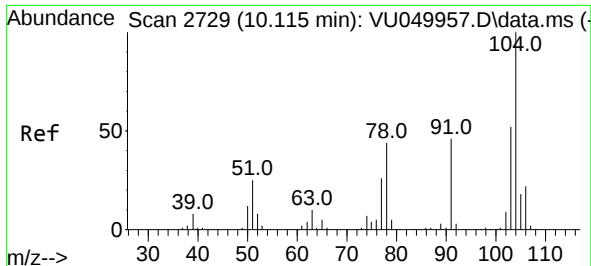
Tgt Ion: 91 Resp: 356130
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.0



#53
m,p-Xylene
Concen: 2.053 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU049960.D
Acq: 27 Jul 2022 21:04

Tgt Ion: 106 Resp: 22252
Ion Ratio Lower Upper
106 100
91 203.1 142.4 264.4

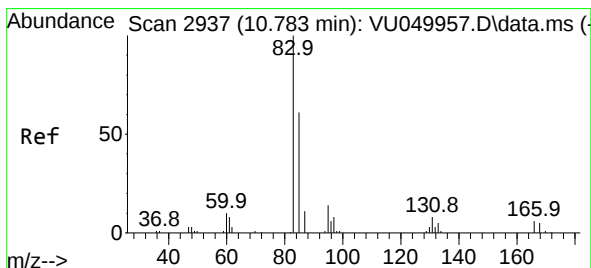
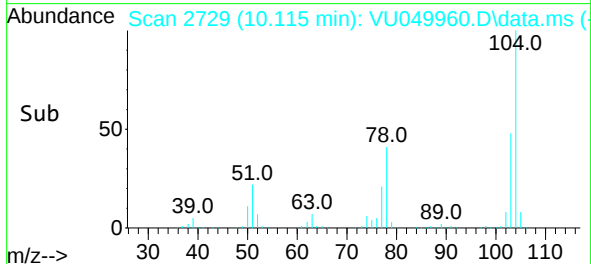
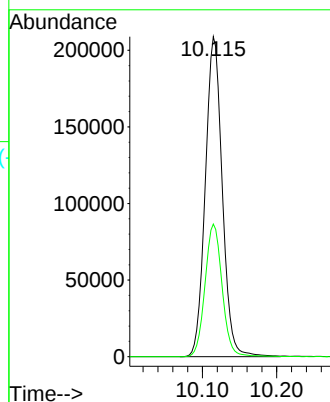
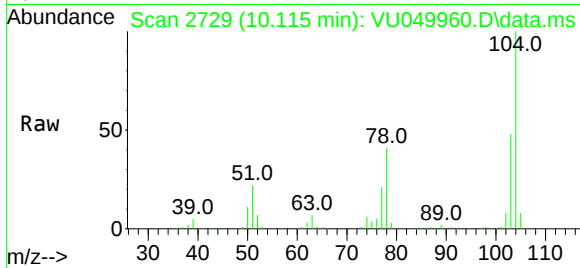




#55
Styrene
Concen: 18.500 ug/L
RT: 10.115 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049960.D
Acq: 27 Jul 2022 21:04

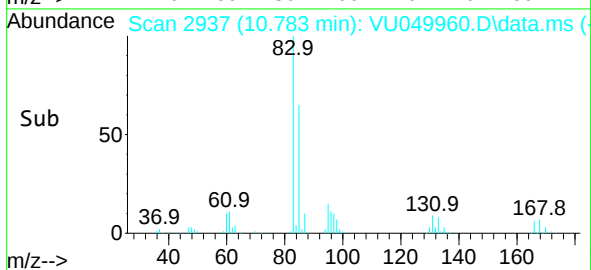
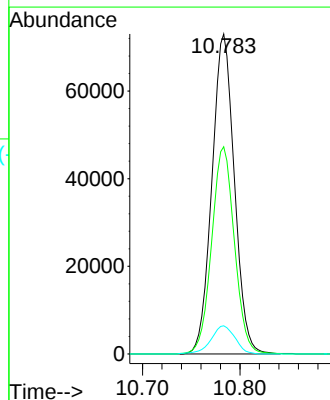
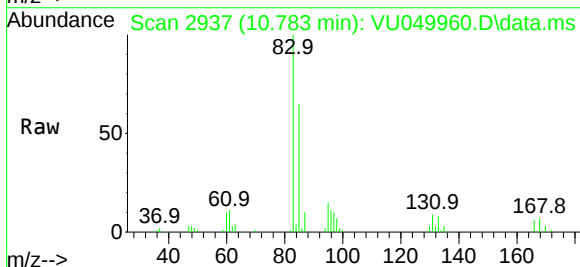
Instrument :
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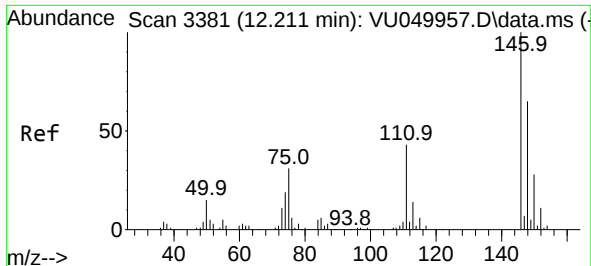
Tgt Ion:104 Resp: 331167
Ion Ratio Lower Upper
104 100
78 41.5 30.9 57.3



#57
1,1,2,2-Tetrachloroethane
Concen: 15.261 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049960.D
Acq: 27 Jul 2022 21:04

Tgt Ion: 83 Resp: 116905
Ion Ratio Lower Upper
83 100
85 64.7 46.6 86.6
131 8.8 7.9 11.9





#67

1,2-Dichlorobenzene

Concen: 0.254 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049960.D

Acq: 27 Jul 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

DBUN9

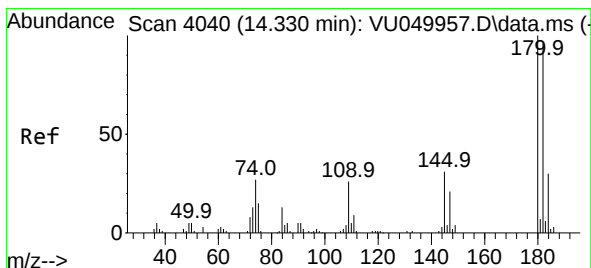
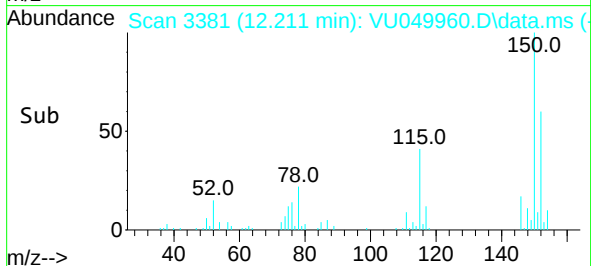
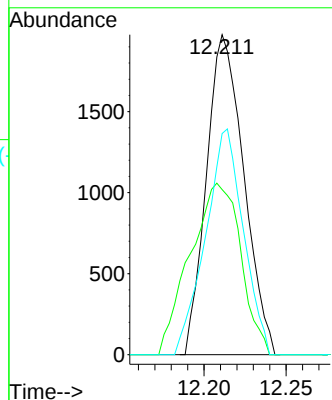
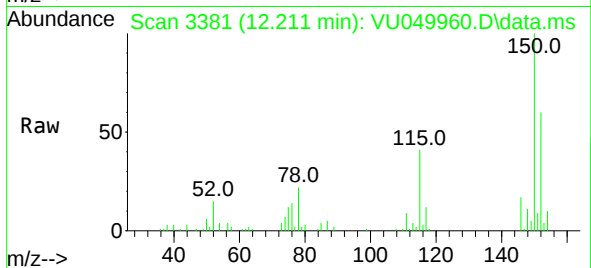
Tgt Ion:146 Resp: 3122

Ion Ratio Lower Upper

146 100

111 51.6 33.4 50.2#

148 69.1 51.3 76.9



#72

1,2,3-Trichlorobenzene

Concen: 0.859 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU049960.D

Acq: 27 Jul 2022 21:04

Tgt Ion:180 Resp: 6066

Ion Ratio Lower Upper

180 100

182 100.2 77.0 115.4

145 33.7 26.3 39.5

