

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047730.D
 Acq On : 28 Mar 2022 16:15
 Operator : SY/MD
 Sample : N2081-18DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y5DL

Quant Time: Mar 29 01:45:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 29 01:43:13 2022
 Response via : Initial Calibration

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

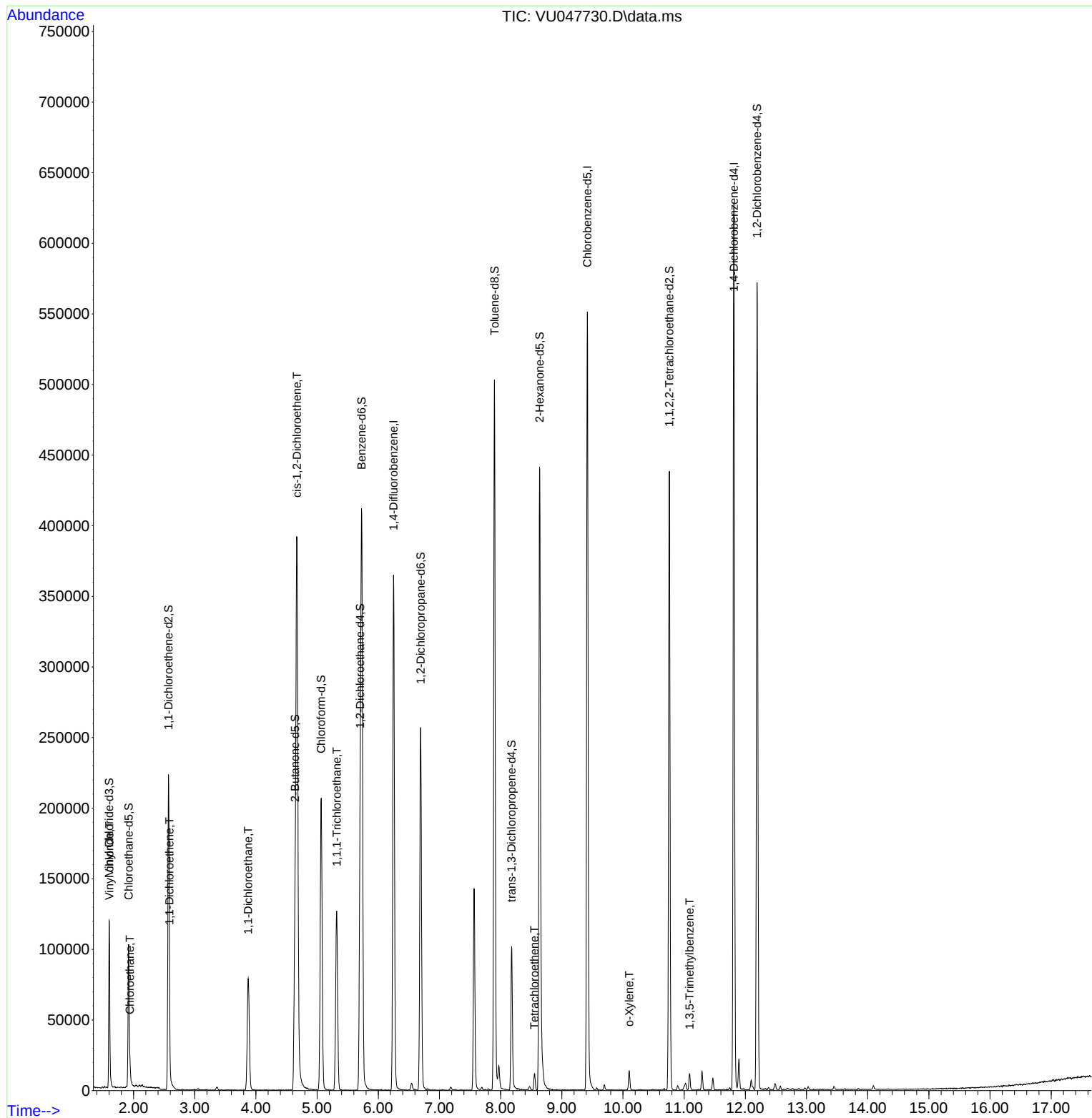
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	313991	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	322207	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	177788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	85845	37.702	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	75.400%	
7) Chloroethane-d5	1.919	69	78400	43.668	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	87.340%	
11) 1,1-Dichloroethene-d2	2.572	63	128422	30.827	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.660%	
21) 2-Butanone-d5	4.642	46	228645	116.992	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	116.990%	
24) Chloroform-d	5.067	84	192078	46.104	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	5.703	65	127165	49.767	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.540%	
32) Benzene-d6	5.729	84	381950	47.110	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.220%	
36) 1,2-Dichloropropane-d6	6.694	67	123722	49.689	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.380%	
41) Toluene-d8	7.899	98	345189	43.699	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	8.179	79	56896	45.104	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.200%	
47) 2-Hexanone-d5	8.636	63	164066	112.559	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	112.560%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	212628	49.759	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	99.520%	
66) 1,2-Dichlorobenzene-d4	12.192	152	157855	49.906	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.820%	
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	4056	1.429	ug/L #	53
8) Chloroethane	1.942	64	6457	3.623	ug/L	93
12) 1,1-Dichloroethene	2.588	96	3711	1.723	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	91559	22.852	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	185271	72.744	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	91023	24.914	ug/L	98
46) Tetrachloroethene	8.552	164	2625	1.195	ug/L	83
54) o-Xylene	10.102	106	4054	0.978	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	6838	1.312	ug/L	96

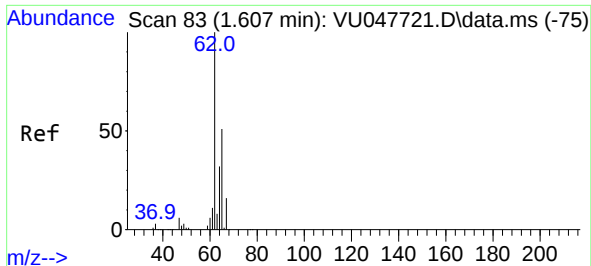
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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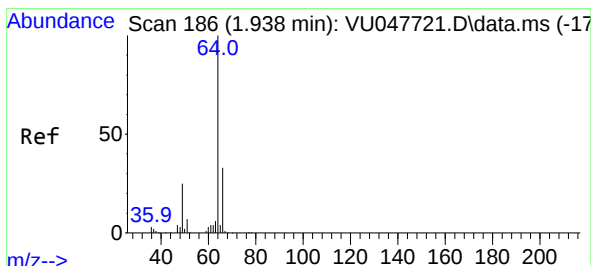
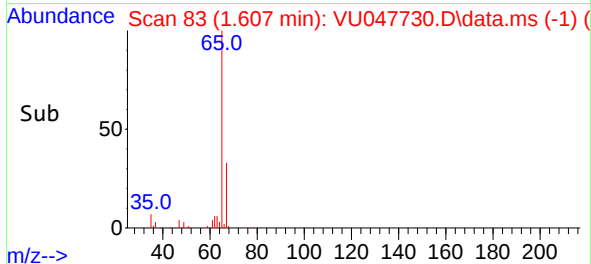
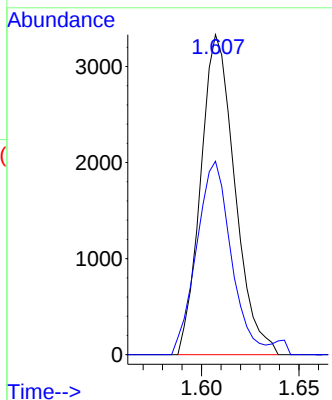
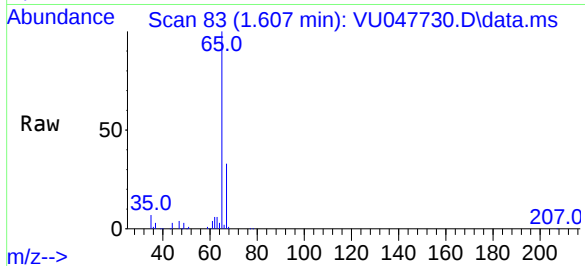




#5
 Vinyl chloride
 Concen: 1.429 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047730.D
 Acq: 28 Mar 2022 16:15

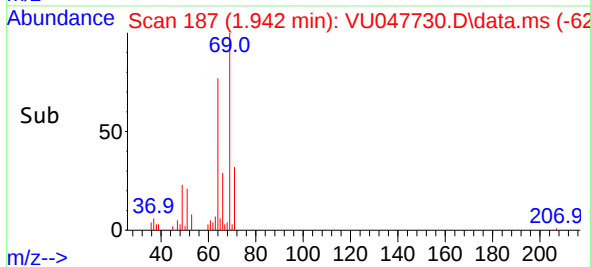
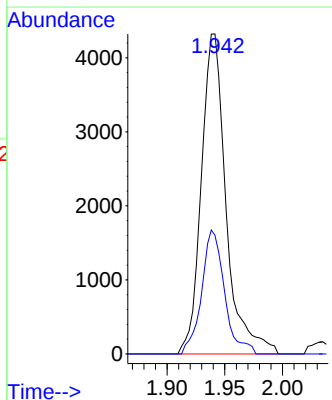
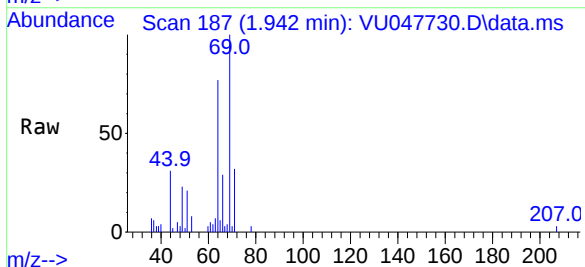
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y5DL

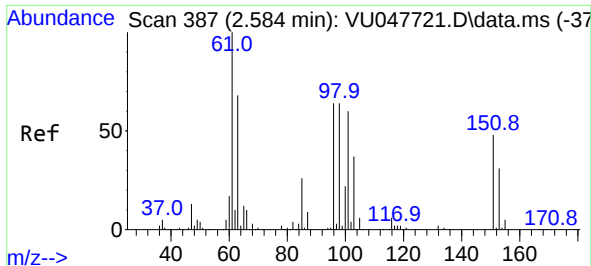
Tgt Ion: 62 Resp: 4056
 Ion Ratio Lower Upper
 62 100
 64 60.5 23.7 43.9#



#8
 Chloroethane
 Concen: 3.623 ug/L
 RT: 1.942 min Scan# 187
 Delta R.T. 0.003 min
 Lab File: VU047730.D
 Acq: 28 Mar 2022 16:15

Tgt Ion: 64 Resp: 6457
 Ion Ratio Lower Upper
 64 100
 66 37.1 23.3 43.3





#12

1,1-Dichloroethene

Concen: 1.723 ug/L

RT: 2.588 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU047730.D

Acq: 28 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

EW5Y5DL

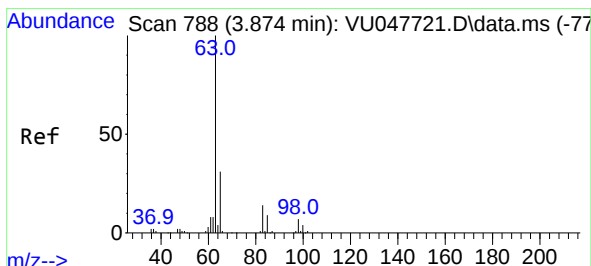
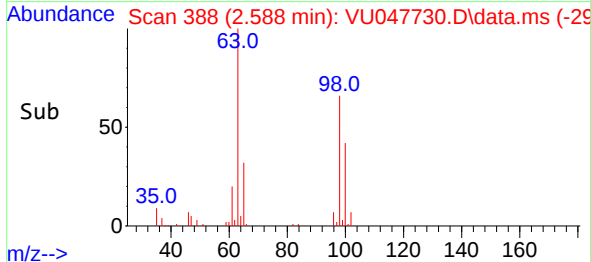
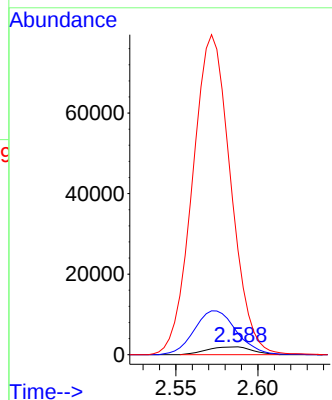
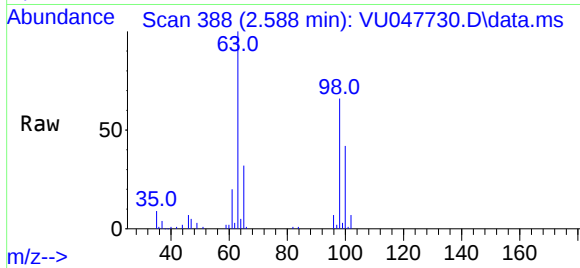
Tgt Ion: 96 Resp: 3711

Ion Ratio Lower Upper

96 100

61 272.5 113.1 210.1#

63 1345.9 94.8 176.0#



#19

1,1-Dichloroethane

Concen: 22.852 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU047730.D

Acq: 28 Mar 2022 16:15

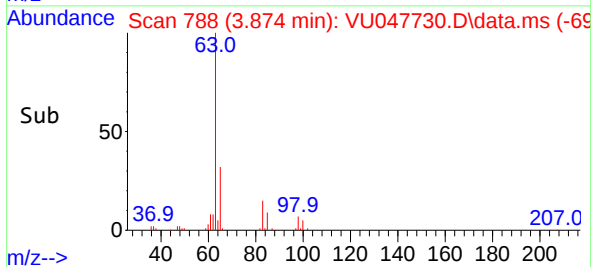
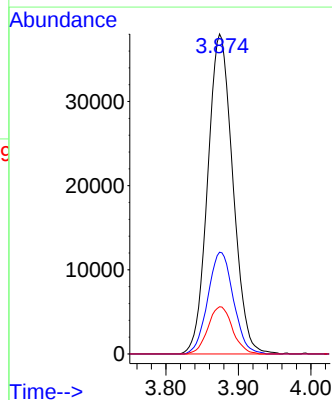
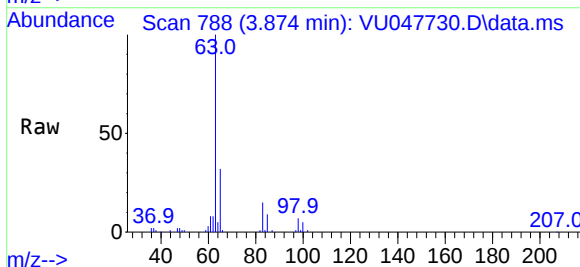
Tgt Ion: 63 Resp: 91559

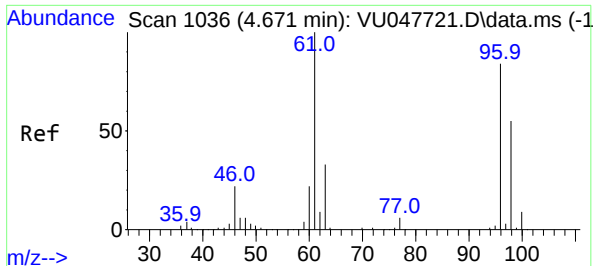
Ion Ratio Lower Upper

63 100

65 31.8 22.0 41.0

83 14.8 9.7 18.1

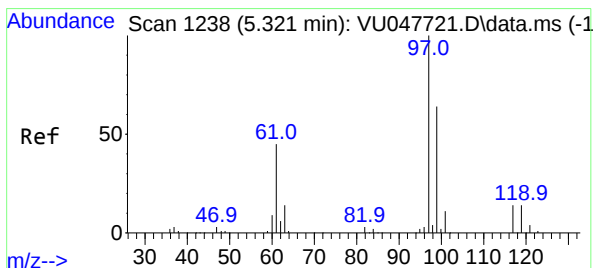
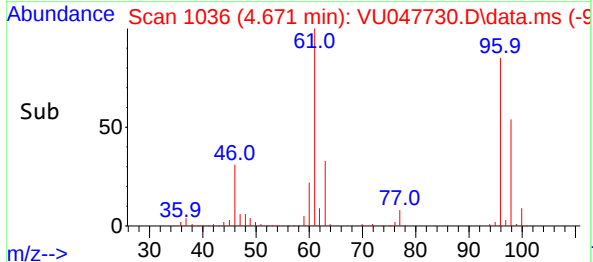
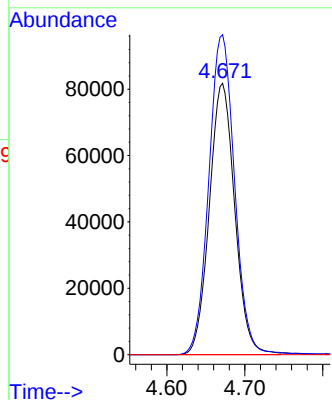
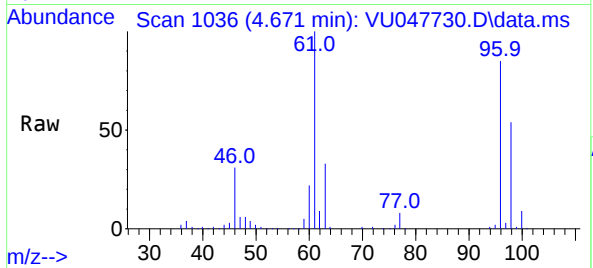




#20
cis-1,2-Dichloroethene
Concen: 72.744 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047730.D
Acq: 28 Mar 2022 16:15

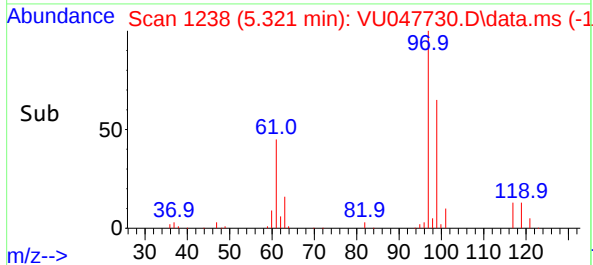
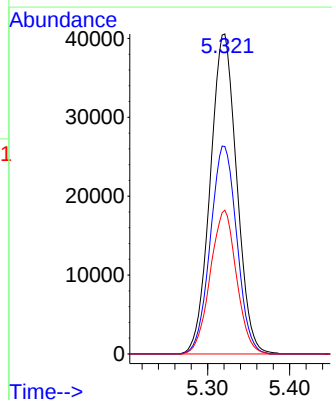
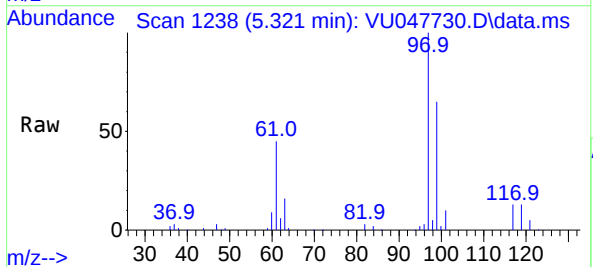
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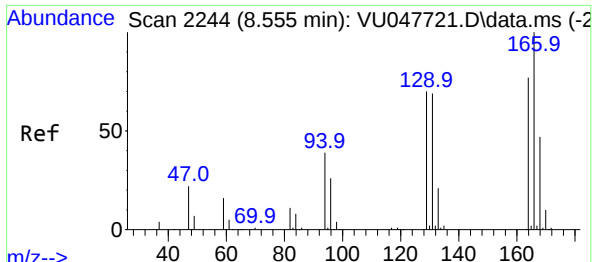
Tgt Ion: 96 Resp: 185271
Ion Ratio Lower Upper
96 100
61 117.9 80.7 149.9
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 24.914 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047730.D
Acq: 28 Mar 2022 16:15

Tgt Ion: 97 Resp: 91023
Ion Ratio Lower Upper
97 100
99 65.1 51.6 77.4
61 44.5 34.2 51.4



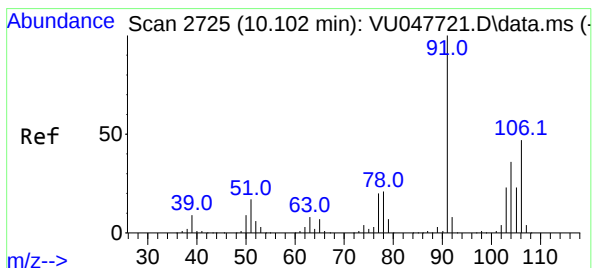
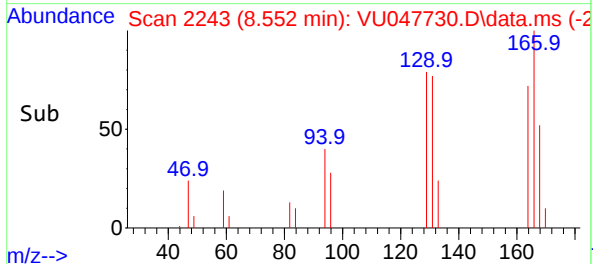
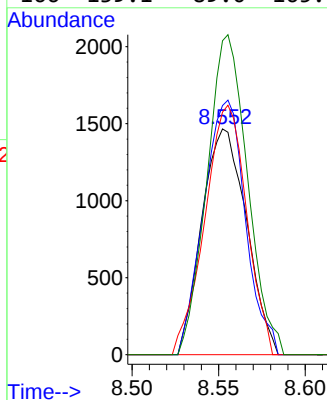
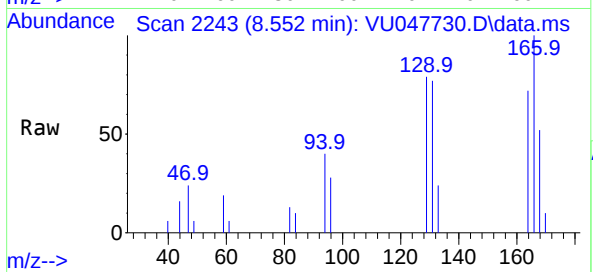


#46
Tetrachloroethene
Concen: 1.195 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047730.D
Acq: 28 Mar 2022 16:15

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5DL

Tgt Ion:164 Resp: 2625

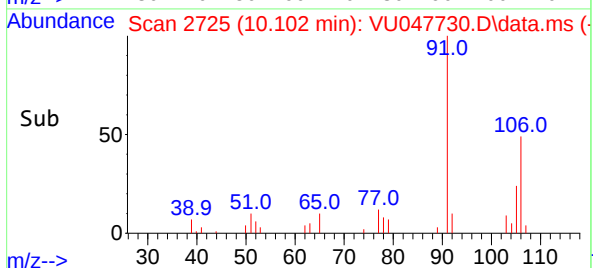
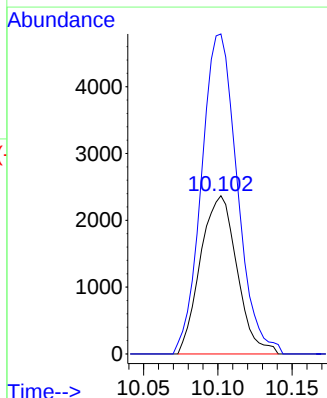
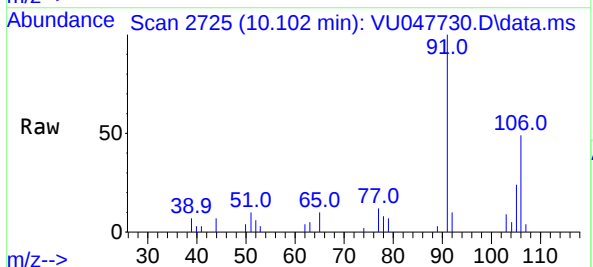
Ion	Ratio	Lower	Upper
164	100		
129	110.4	62.4	116.0
131	107.4	60.7	112.7
166	139.1	89.0	165.4

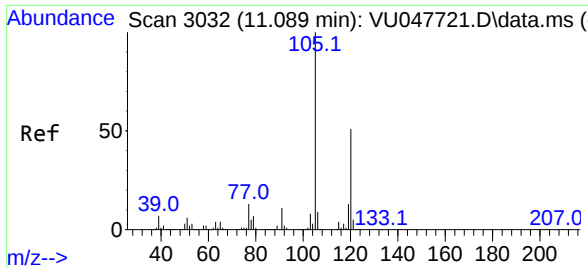


#54
o-Xylene
Concen: 0.978 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047730.D
Acq: 28 Mar 2022 16:15

Tgt Ion:106 Resp: 4054

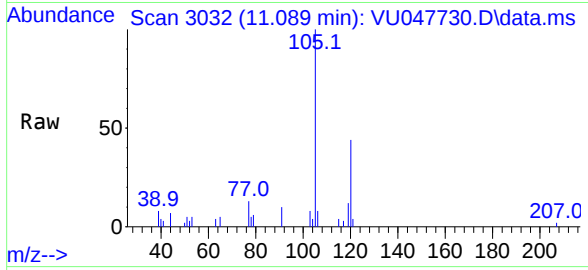
Ion	Ratio	Lower	Upper
106	100		
91	202.3	146.7	272.5





#62
 1,3,5-Trimethylbenzene
 Concen: 1.312 ug/L
 RT: 11.089 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VU047730.D
 Acq: 28 Mar 2022 16:15

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y5DL



Tgt Ion:105 Resp: 6838
 Ion Ratio Lower Upper
 105 100
 120 48.1 40.8 61.2

