

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047704.D
 Acq On : 26 Mar 2022 13:26
 Operator : SY/MD
 Sample : N2082-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW602

Quant Time: Mar 28 05:07:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

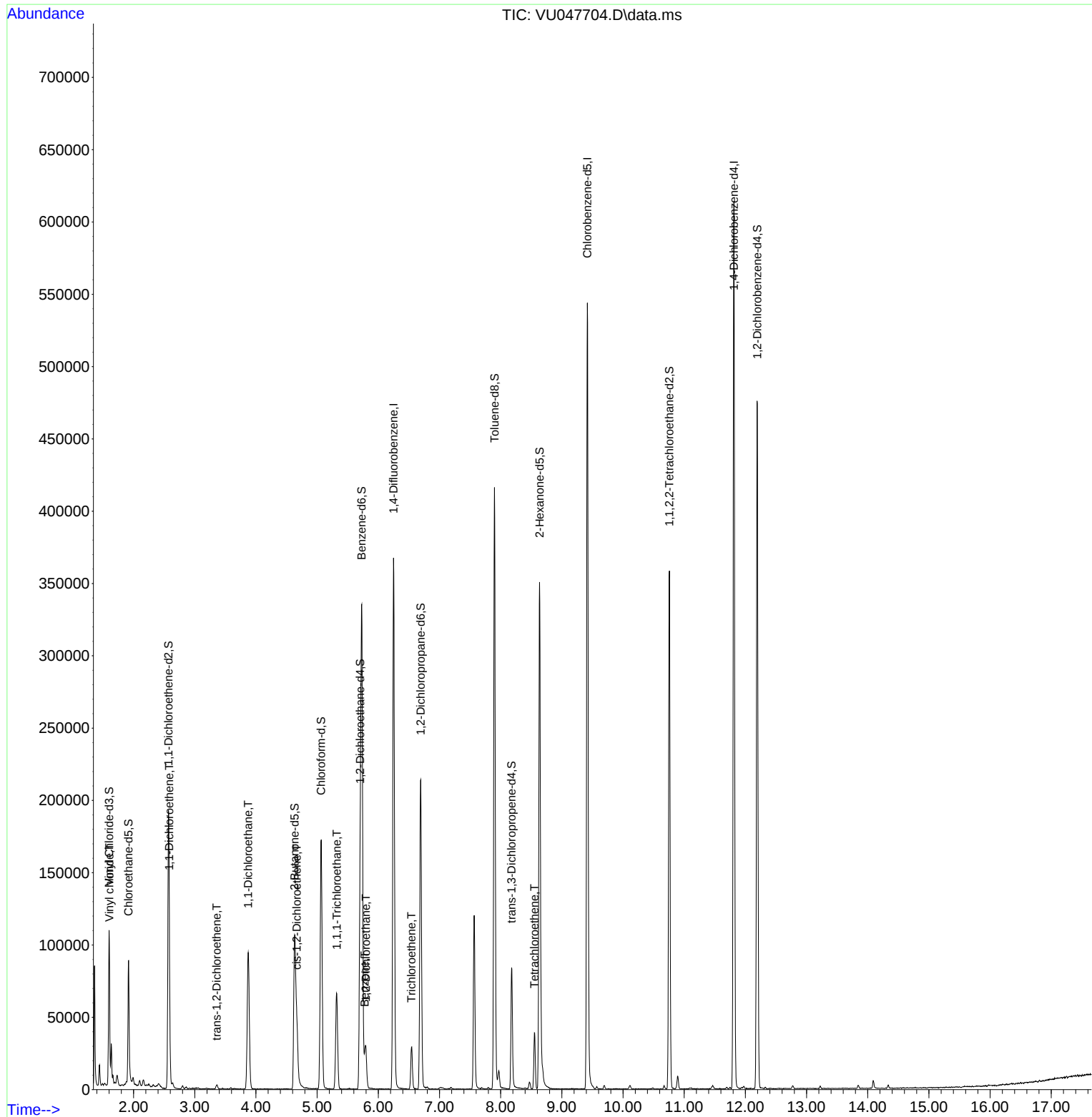
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	310146	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	318353	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	171919	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	70196	31.211	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.420%
7) Chloroethane-d5	1.916	69	63849	36.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.572	63	109409	26.589	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.180%#
21) 2-Butanone-d5	4.633	46	171162	88.665	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.670%
24) Chloroform-d	5.067	84	161105	39.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.300%
26) 1,2-Dichloroethane-d4	5.703	65	102247	40.511	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.020%
32) Benzene-d6	5.729	84	309770	38.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.340%
36) 1,2-Dichloropropane-d6	6.694	67	103410	42.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.060%
41) Toluene-d8	7.899	98	284516	36.454	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.900%#
43) trans-1,3-Dichloroprop...	8.179	79	47985	38.500	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.000%
47) 2-Hexanone-d5	8.636	63	124534	86.472	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.470%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	173169	41.016	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	131782	43.086	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.180%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	1856	0.662	ug/L #	30
12) 1,1-Dichloroethene	2.584	96	11486	5.399	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	1321	0.576	ug/L	89
19) 1,1-Dichloroethane	3.874	63	108788	27.489	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	14007	5.568	ug/L	89
27) 1,2-Dichloroethane	5.796	62	18398	5.589	ug/L #	94
30) 1,1,1-Trichloroethane	5.321	97	48785	13.515	ug/L	97
33) Benzene	5.777	78	14768	1.603	ug/L	100
34) Trichloroethene	6.542	95	10087	4.175	ug/L	92
46) Tetrachloroethene	8.552	164	9066	4.176	ug/L	98

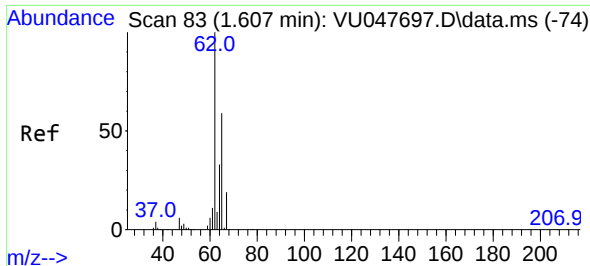
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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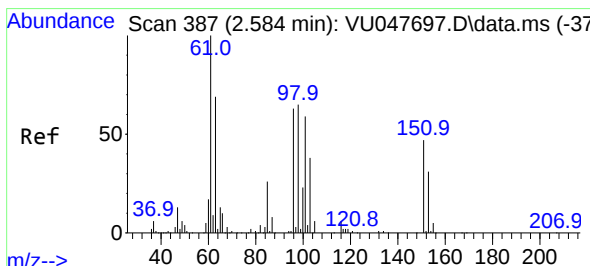
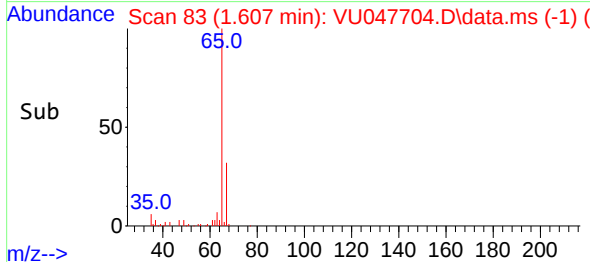
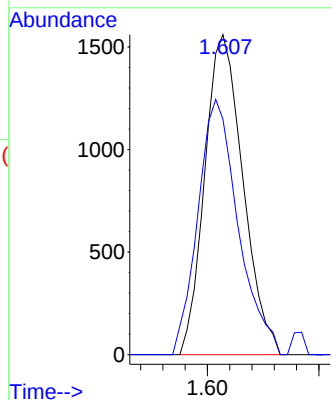
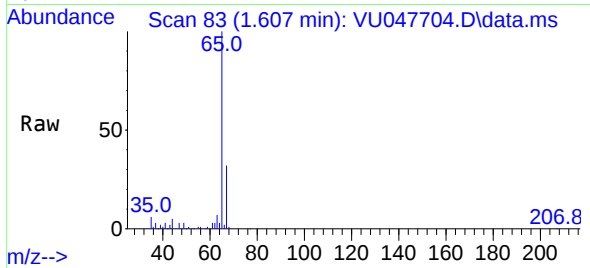




#5
 Vinyl chloride
 Concen: 0.662 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047704.D
 Acq: 26 Mar 2022 13:26

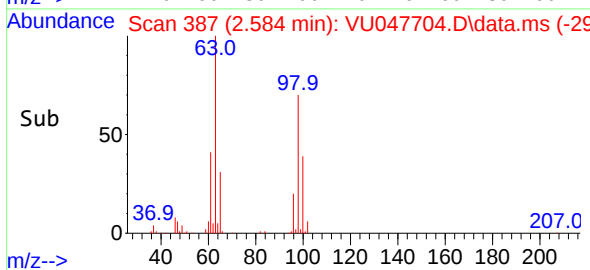
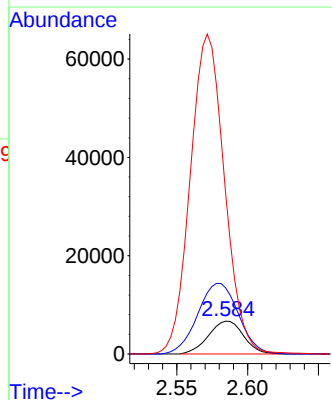
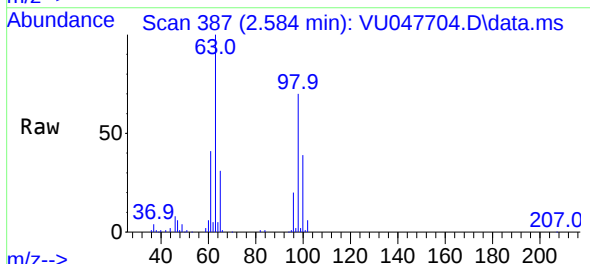
Instrument :
 MSVOA_U
 ClientSampleId :
 EW602

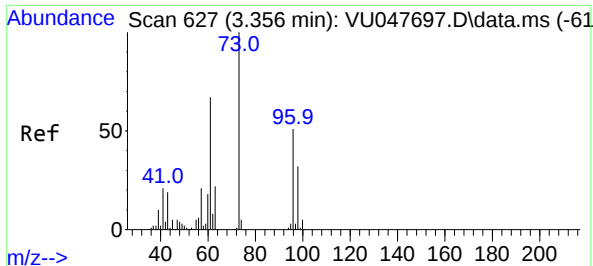
Tgt Ion: 62 Resp: 1856
 Ion Ratio Lower Upper
 62 100
 64 73.6 23.7 43.9#



#12
 1,1-Dichloroethene
 Concen: 5.399 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU047704.D
 Acq: 26 Mar 2022 13:26

Tgt Ion: 96 Resp: 11486
 Ion Ratio Lower Upper
 96 100
 61 202.1 113.1 210.1
 63 494.5 94.8 176.0#

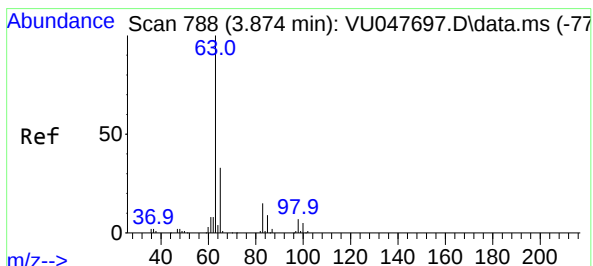
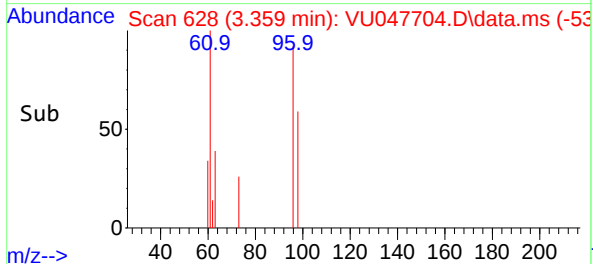
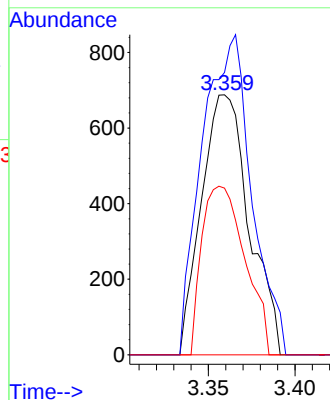
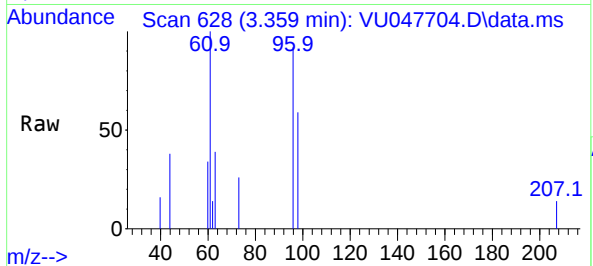




#17
trans-1,2-Dichloroethene
Concen: 0.576 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047704.D
Acq: 26 Mar 2022 13:26

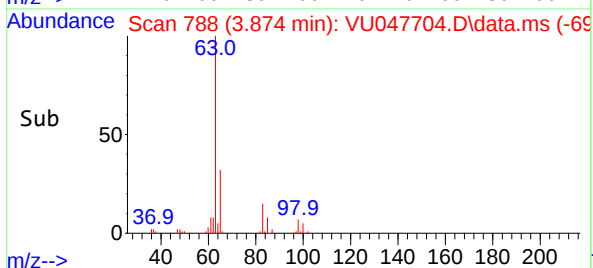
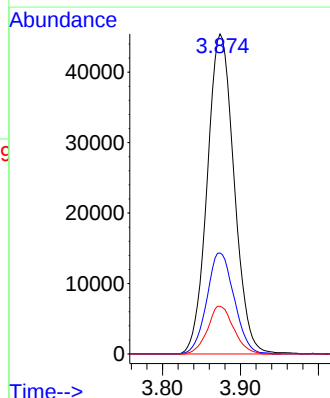
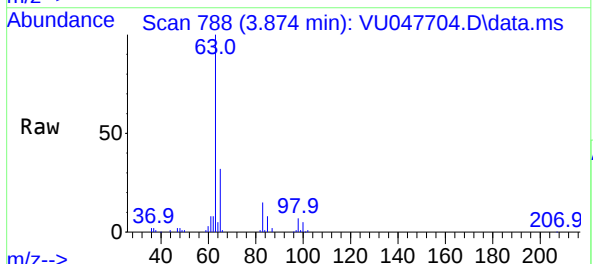
Instrument :
MSVOA_U
ClientSampleId :
EW602

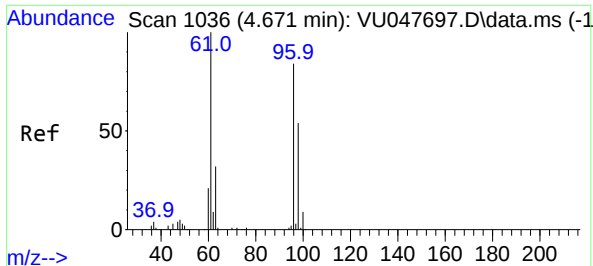
Tgt Ion: 96 Resp: 1321
Ion Ratio Lower Upper
96 100
61 108.6 88.4 164.2
98 64.1 43.3 80.5



#19
1,1-Dichloroethane
Concen: 27.489 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047704.D
Acq: 26 Mar 2022 13:26

Tgt Ion: 63 Resp: 108788
Ion Ratio Lower Upper
63 100
65 31.5 22.0 41.0
83 14.9 9.7 18.1

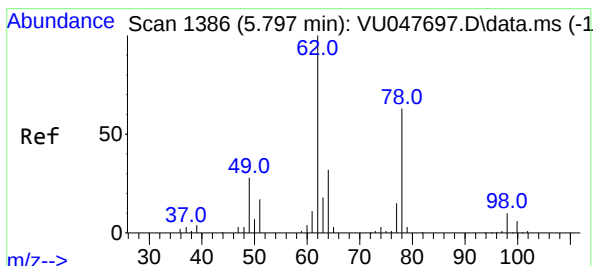
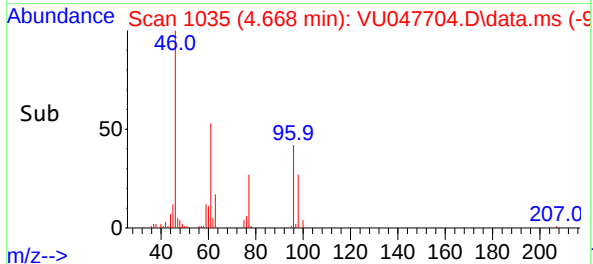
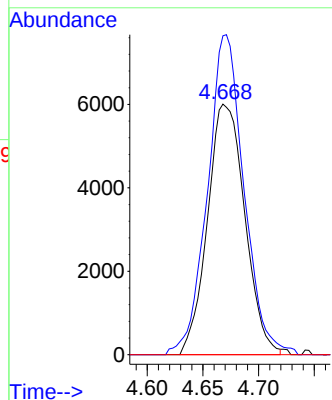
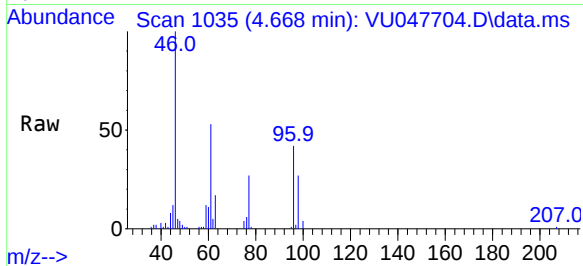




#20
cis-1,2-Dichloroethene
Concen: 5.568 ug/L
RT: 4.668 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU047704.D
Acq: 26 Mar 2022 13:26

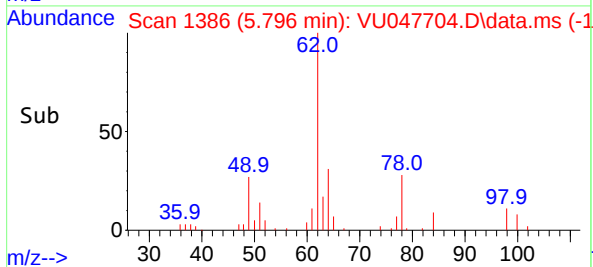
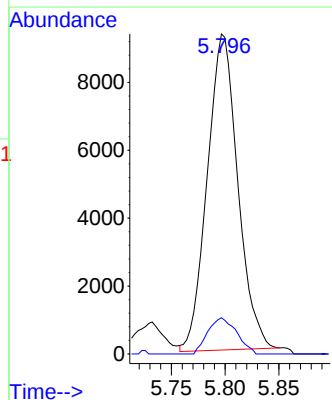
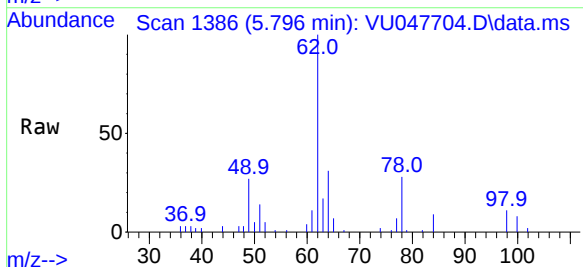
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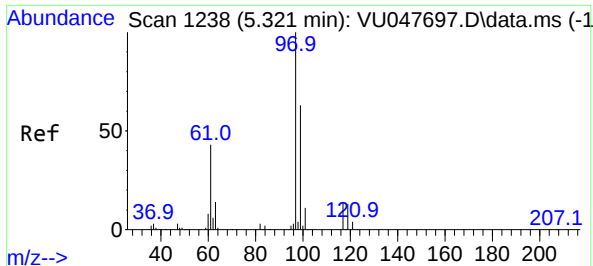
Tgt Ion: 96 Resp: 14007
Ion Ratio Lower Upper
96 100
61 127.3 80.7 149.9
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 5.589 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU047704.D
Acq: 26 Mar 2022 13:26

Tgt Ion: 62 Resp: 18398
Ion Ratio Lower Upper
62 100
98 11.3 7.4 11.0#

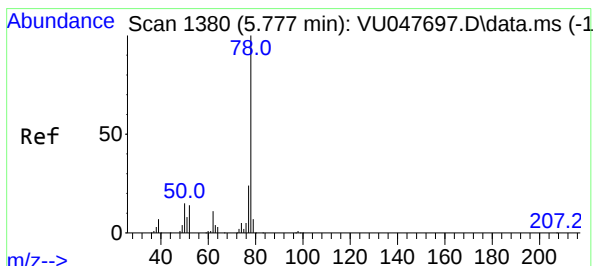
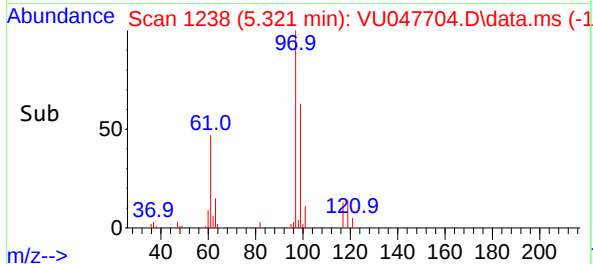
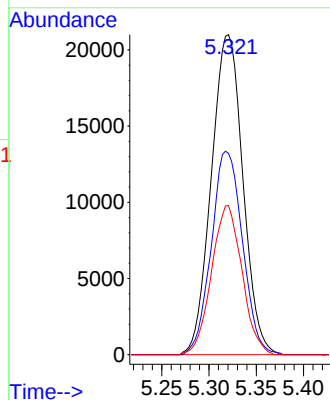
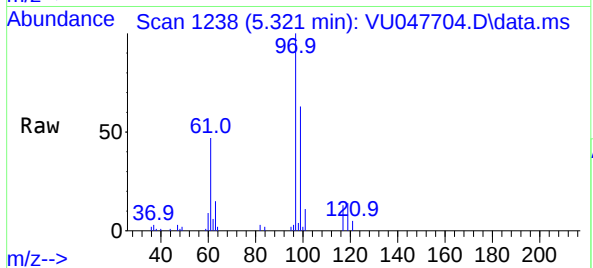




#30
1,1,1-Trichloroethane
Concen: 13.515 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047704.D
Acq: 26 Mar 2022 13:26

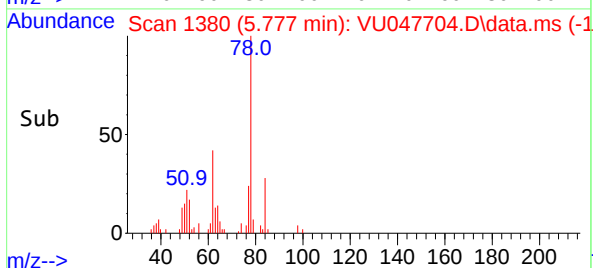
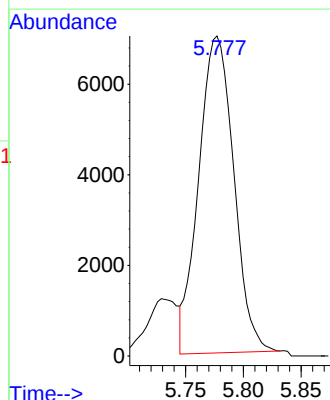
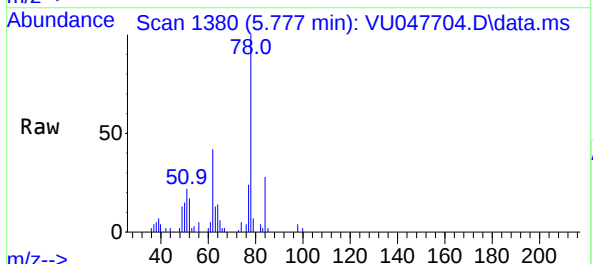
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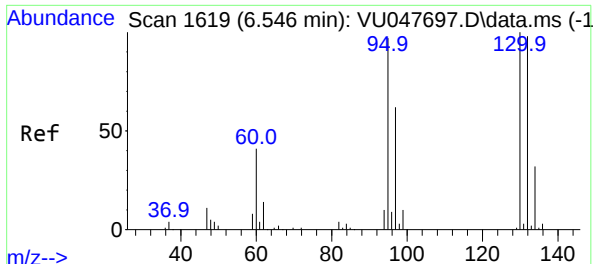
Tgt Ion: 97 Resp: 48785
Ion Ratio Lower Upper
97 100
99 62.8 51.6 77.4
61 45.0 34.2 51.4



#33
Benzene
Concen: 1.603 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047704.D
Acq: 26 Mar 2022 13:26

Tgt Ion: 78 Resp: 14768



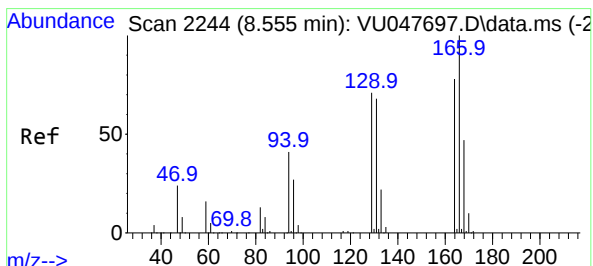
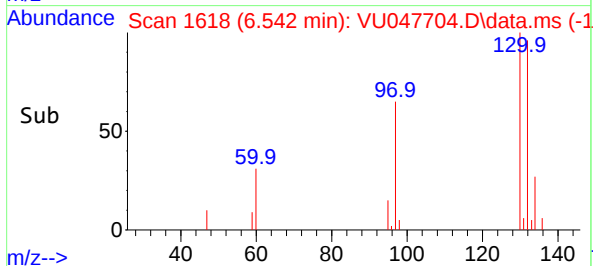
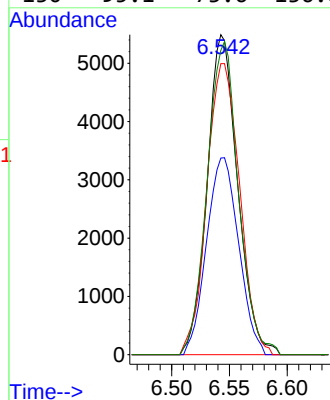
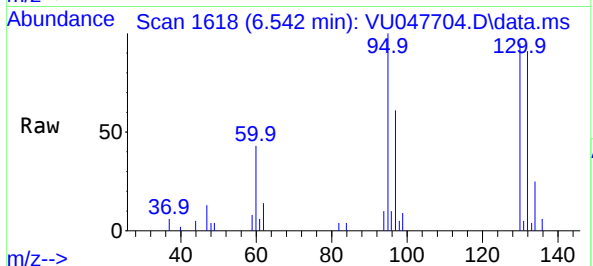


#34
Trichloroethene
Concen: 4.175 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.003 min
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Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 10087

Ion	Ratio	Lower	Upper
95	100		
97	61.4	44.7	82.9
132	90.9	70.4	130.8
130	95.1	73.6	136.8



#46
Tetrachloroethene
Concen: 4.176 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU047704.D
Acq: 26 Mar 2022 13:26

Tgt Ion: 164 Resp: 9066

Ion	Ratio	Lower	Upper
164	100		
129	87.5	62.4	116.0
131	90.1	60.7	112.7
166	129.6	89.0	165.4

