

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047735.D
 Acq On : 28 Mar 2022 18:08
 Operator : SY/MD
 Sample : N2081-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z4

Quant Time: Mar 29 01:46:43 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)

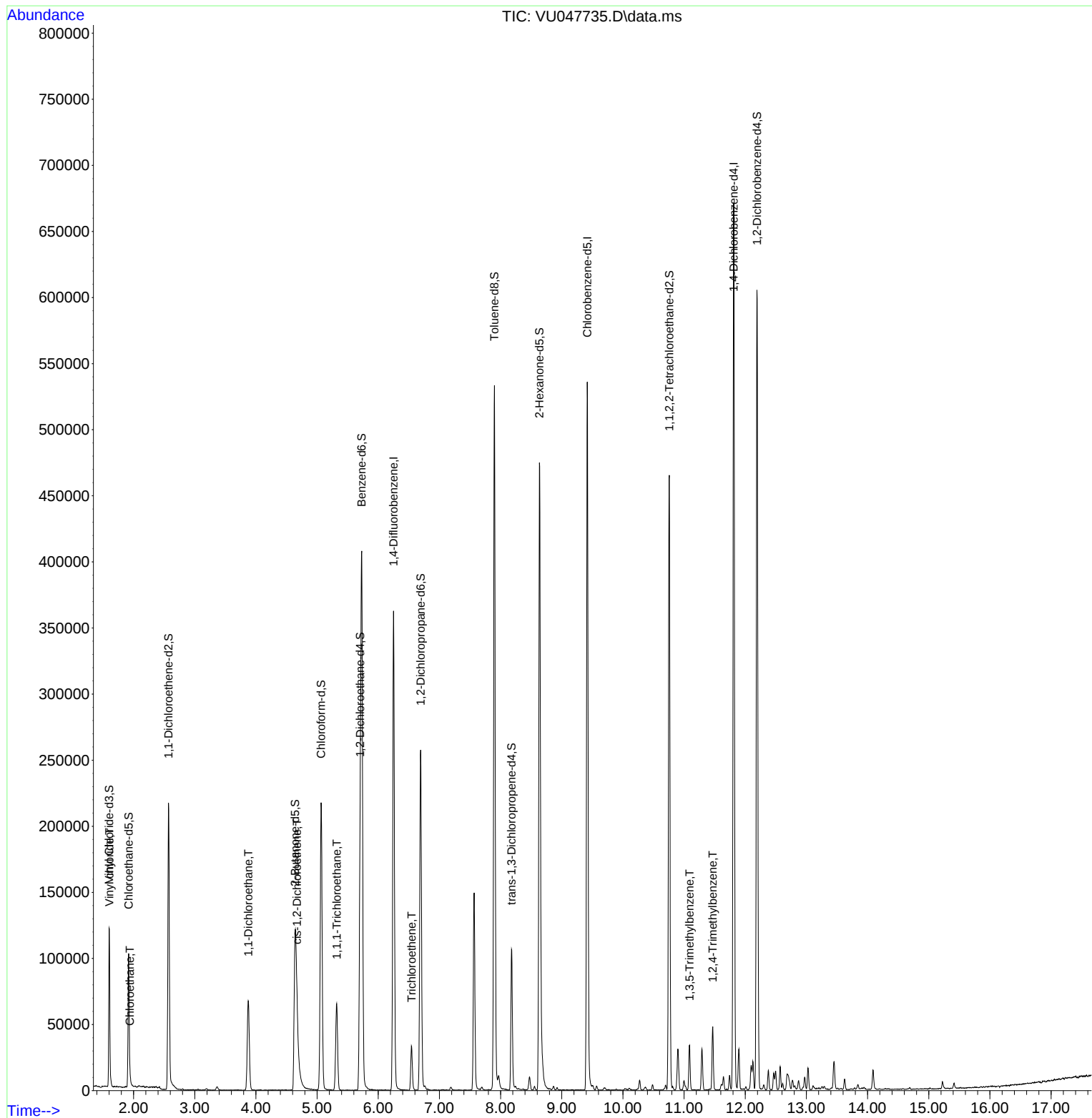
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	305021	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	318969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	189301	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	87261	39.451	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.900%
7) Chloroethane-d5	1.919	69	78223	44.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.700%
11) 1,1-Dichloroethene-d2	2.571	63	126623	31.289	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.580%
21) 2-Butanone-d5	4.642	46	253210	133.372	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.370%#
24) Chloroform-d	5.067	84	204627	50.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.120%
26) 1,2-Dichloroethane-d4	5.703	65	128408	51.731	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.460%
32) Benzene-d6	5.729	84	379096	47.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
36) 1,2-Dichloropropane-d6	6.694	67	123913	50.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.540%
41) Toluene-d8	7.899	98	366203	46.830	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.660%
43) trans-1,3-Dichloroprop...	8.179	79	60129	48.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.300%
47) 2-Hexanone-d5	8.636	63	179914	124.684	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	230038	54.380	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.760%
66) 1,2-Dichlorobenzene-d4	12.192	152	159893	47.476	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.960%
Target Compounds						
5) Vinyl chloride	1.607	62	3359	1.218	ug/L #	63
8) Chloroethane	1.941	64	2480	1.432	ug/L #	75
19) 1,1-Dichloroethane	3.877	63	76812	19.735	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	4198	1.697	ug/L	91
30) 1,1,1-Trichloroethane	5.321	97	47173	13.043	ug/L	99
34) Trichloroethene	6.546	95	10924	4.513	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	18198	3.278	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	26265	3.115	ug/L	97

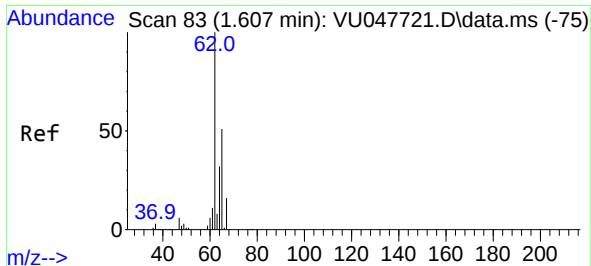
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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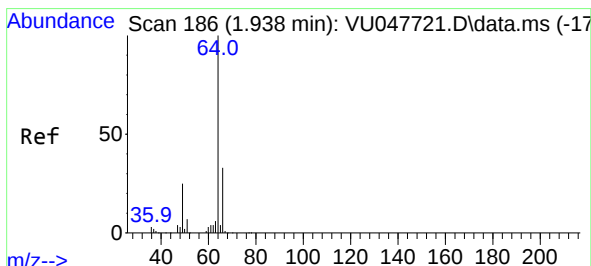
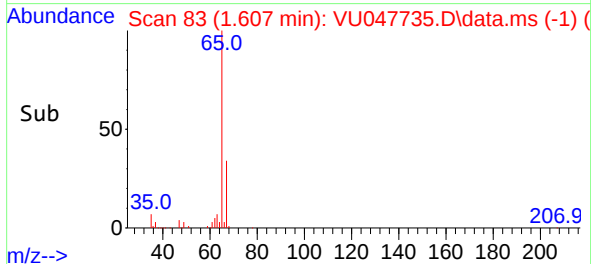
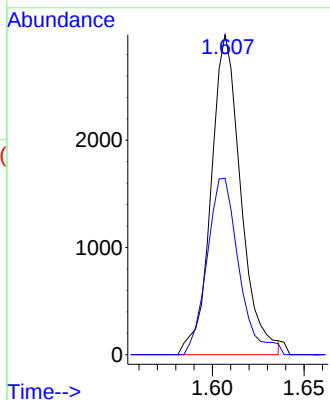
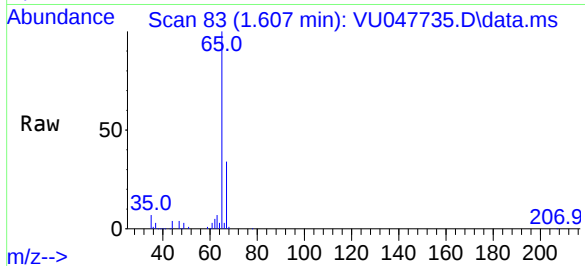




#5
 Vinyl chloride
 Concen: 1.218 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047735.D
 Acq: 28 Mar 2022 18:08

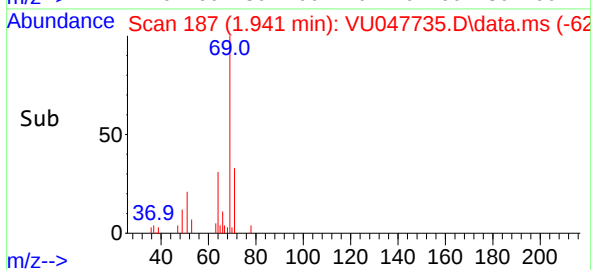
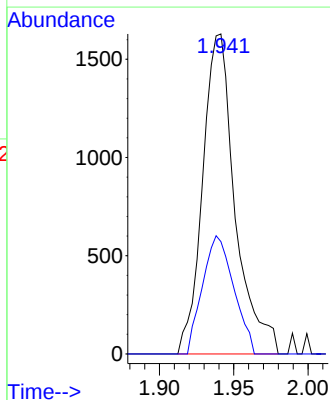
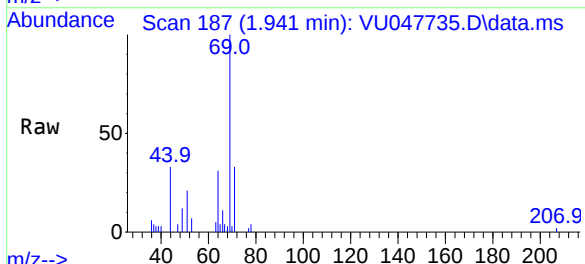
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z4

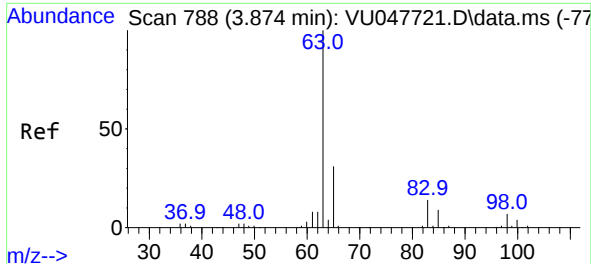
Tgt Ion: 62 Resp: 3359
 Ion Ratio Lower Upper
 62 100
 64 55.1 23.7 43.9#



#8
 Chloroethane
 Concen: 1.432 ug/L
 RT: 1.941 min Scan# 187
 Delta R.T. 0.003 min
 Lab File: VU047735.D
 Acq: 28 Mar 2022 18:08

Tgt Ion: 64 Resp: 2480
 Ion Ratio Lower Upper
 64 100
 66 47.8 23.3 43.3#





#19

1,1-Dichloroethane

Concen: 19.735 ug/L

RT: 3.877 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU047735.D

Acq: 28 Mar 2022 18:08

Instrument :

MSVOA_U

ClientSampleId :

EW5Z4

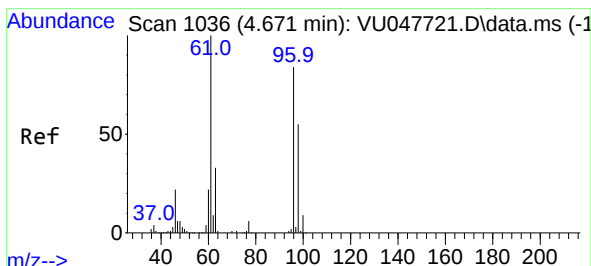
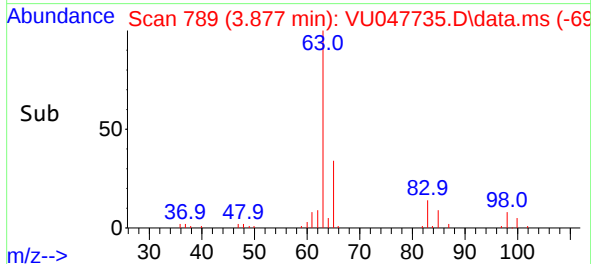
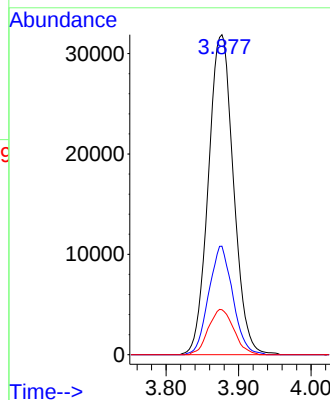
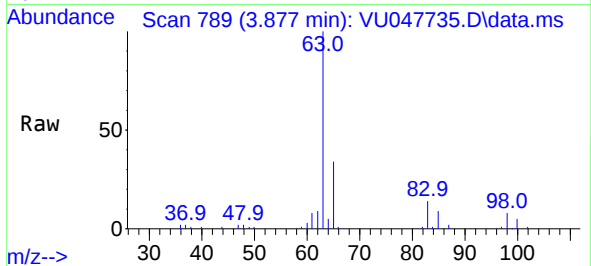
Tgt Ion: 63 Resp: 76812

Ion Ratio Lower Upper

63 100

65 33.9 22.0 41.0

83 14.0 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 1.697 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047735.D

Acq: 28 Mar 2022 18:08

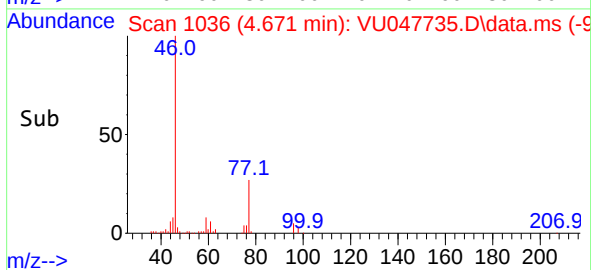
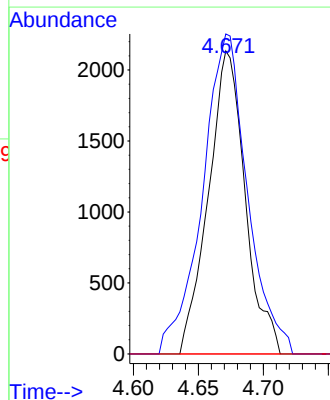
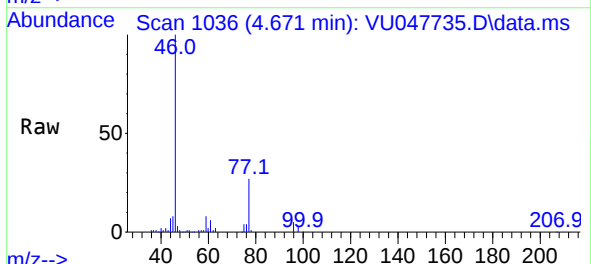
Tgt Ion: 96 Resp: 4198

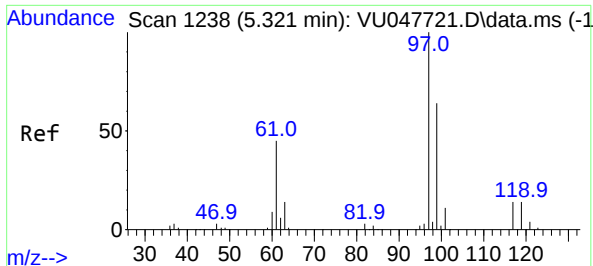
Ion Ratio Lower Upper

96 100

61 105.6 80.7 149.9

68 0.0 0.0 0.0



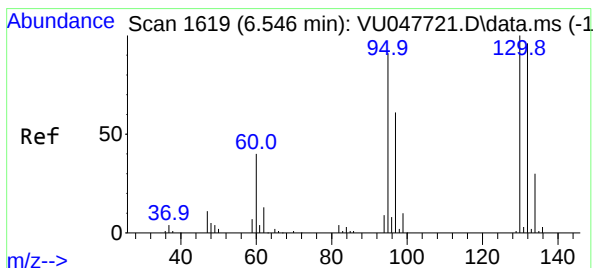
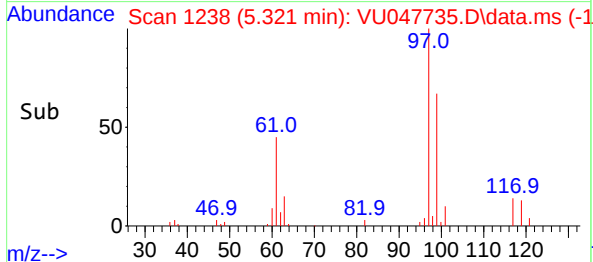
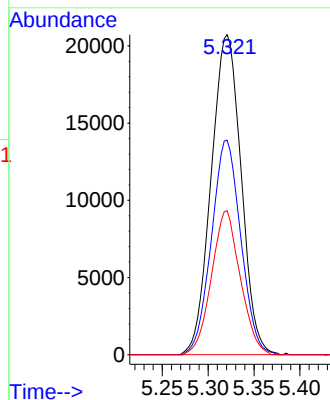
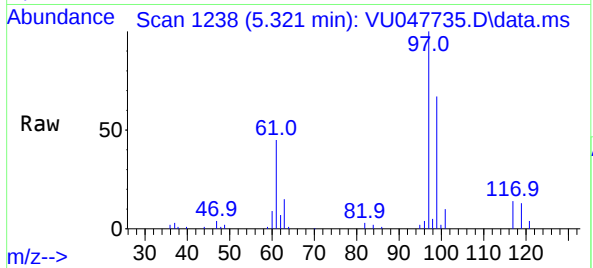


#30
1,1,1-Trichloroethane
Concen: 13.043 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047735.D
Acq: 28 Mar 2022 18:08

Instrument :
MSVOA_U
ClientSampleId :
EW5Z4

Tgt Ion: 97 Resp: 47173

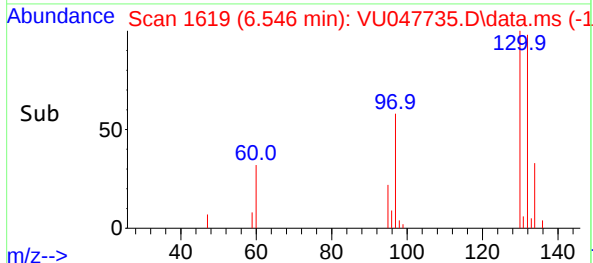
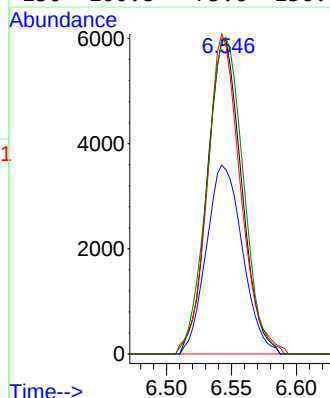
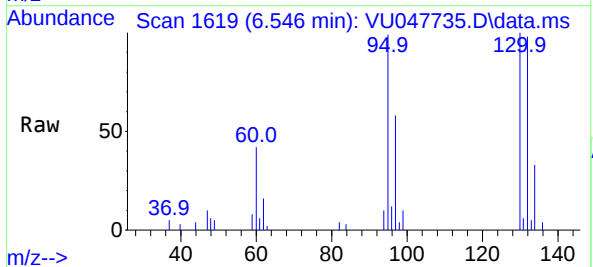
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.6	77.4
61	43.2	34.2	51.4

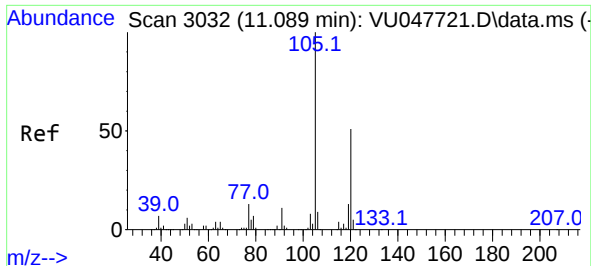


#34
Trichloroethene
Concen: 4.513 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047735.D
Acq: 28 Mar 2022 18:08

Tgt Ion: 95 Resp: 10924

Ion	Ratio	Lower	Upper
95	100		
97	58.8	44.7	82.9
132	98.4	70.4	130.8
130	100.8	73.6	136.8

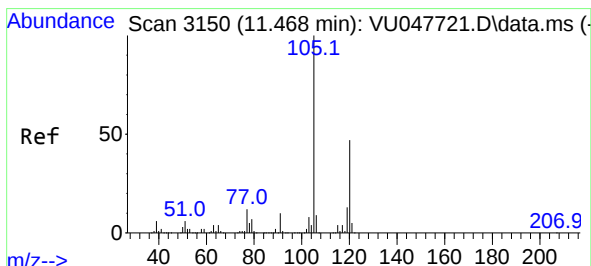
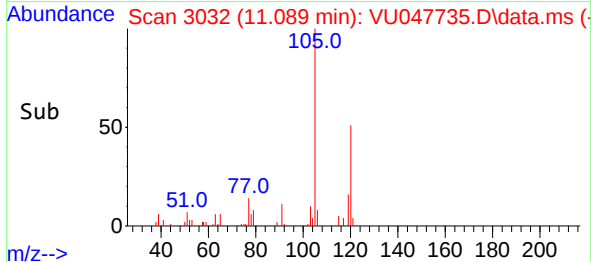
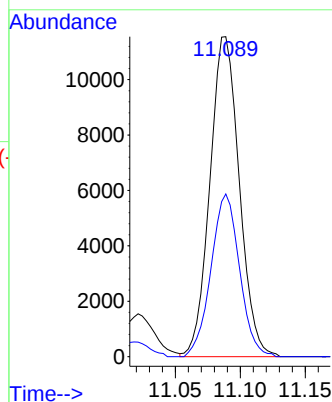
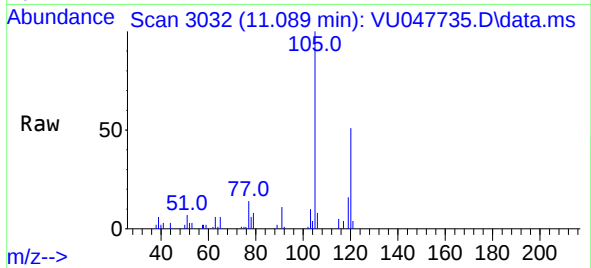




#62
 1,3,5-Trimethylbenzene
 Concen: 3.278 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU047735.D
 Acq: 28 Mar 2022 18:08

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z4

Tgt Ion:105 Resp: 18198
 Ion Ratio Lower Upper
 105 100
 120 49.2 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 3.115 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU047735.D
 Acq: 28 Mar 2022 18:08

Tgt Ion:105 Resp: 26265
 Ion Ratio Lower Upper
 105 100
 120 44.9 37.6 56.4

