

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047724.D
 Acq On : 28 Mar 2022 13:59
 Operator : SY/MD
 Sample : N2082-01RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW617RE

Quant Time: Mar 29 01:44:04 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)

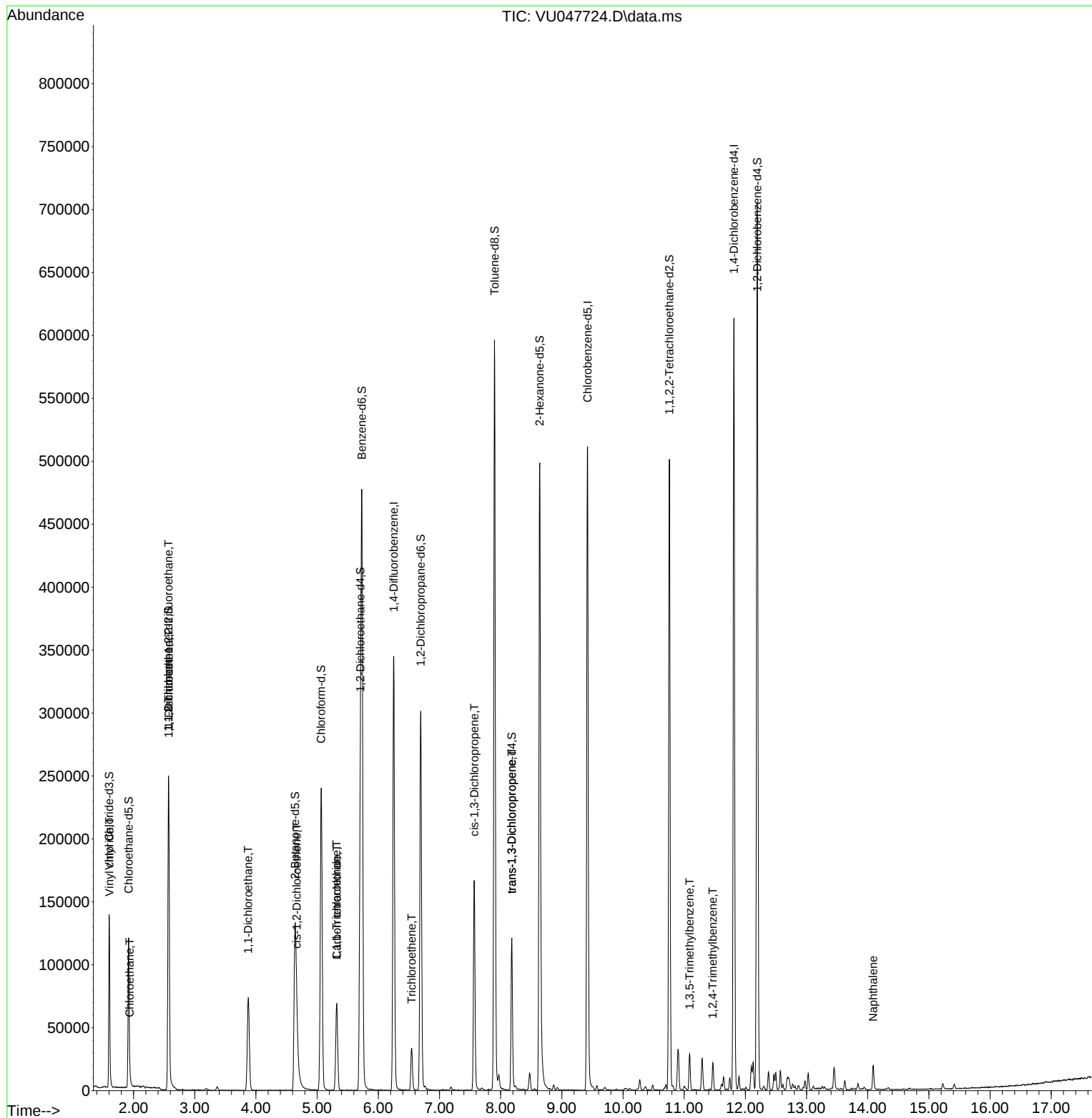
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	291555	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	304042	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	170407	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	100226	47.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.800%
7) Chloroethane-d5	1.919	69	90330	54.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.360%
11) 1,1-Dichloroethene-d2	2.572	63	146677	37.919	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.840%
21) 2-Butanone-d5	4.639	46	254498	140.242	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	140.240%#
24) Chloroform-d	5.067	84	225107	58.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.380%
26) 1,2-Dichloroethane-d4	5.706	65	148835	62.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.460%#
32) Benzene-d6	5.732	84	442813	57.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.760%
36) 1,2-Dichloropropane-d6	6.694	67	144999	61.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	123.420%#
41) Toluene-d8	7.899	98	406475	54.532	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.060%
43) trans-1,3-Dichloroprop...	8.182	79	67402	56.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.240%
47) 2-Hexanone-d5	8.636	63	185382	134.781	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	134.780%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	242935	60.248	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.500%#
66) 1,2-Dichlorobenzene-d4	12.195	152	186264	61.439	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.880%#
Target Compounds						
5) Vinyl chloride	1.607	62	3474	1.318	ug/L #	64
8) Chloroethane	1.938	64	3718	2.247	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1479	0.688	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	1171	0.586	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	83810	22.528	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	3629	1.535	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	49806	14.447	ug/L	99
31) Carbon tetrachloride	5.321	117	6908	2.219	ug/L	99
34) Trichloroethene	6.546	95	10908	4.728	ug/L	94
39) cis-1,3-Dichloropropene	7.568	75	4283	1.234	ug/L #	66
44) trans-1,3-Dichloropropene	8.182	75	3309	0.955	ug/L	83
62) 1,3,5-Trimethylbenzene	11.089	105	15565	3.115	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	11913	1.570	ug/L	97
71) Naphthalene	14.089	128	16717	1.540	ug/L	100

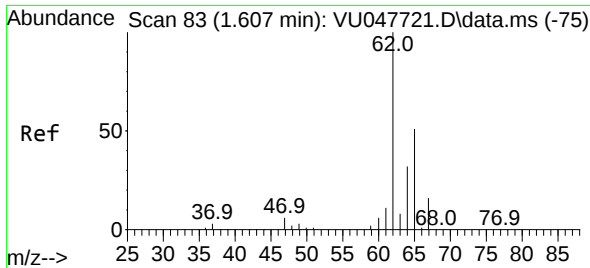
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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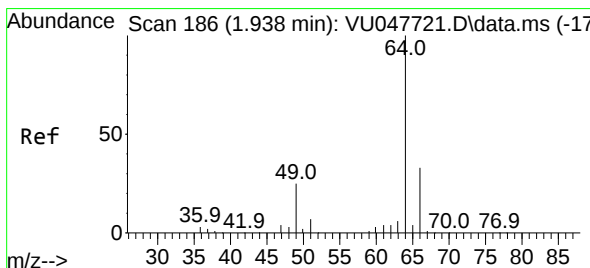
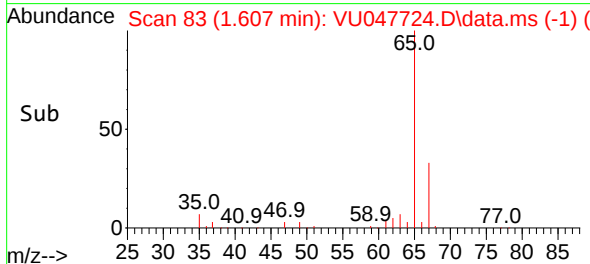
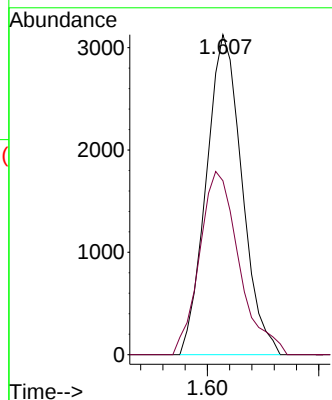
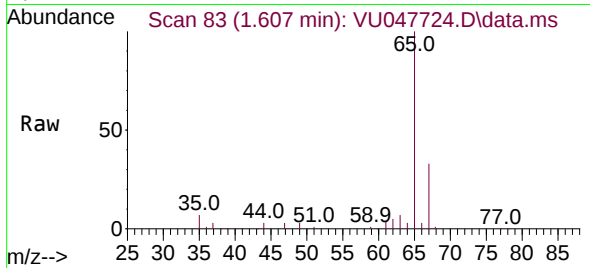




#5
 Vinyl chloride
 Concen: 1.318 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047724.D
 Acq: 28 Mar 2022 13:59

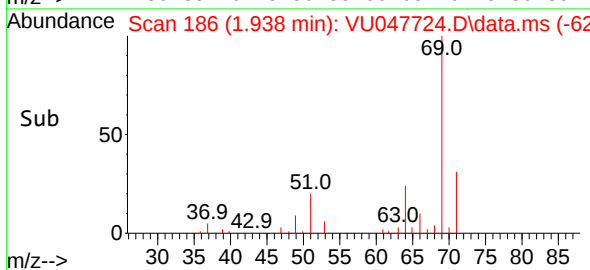
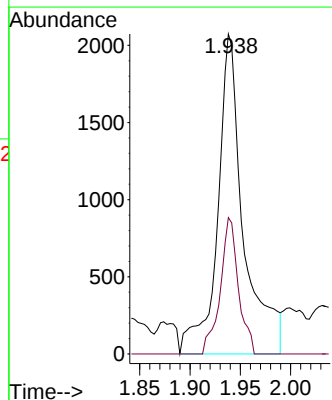
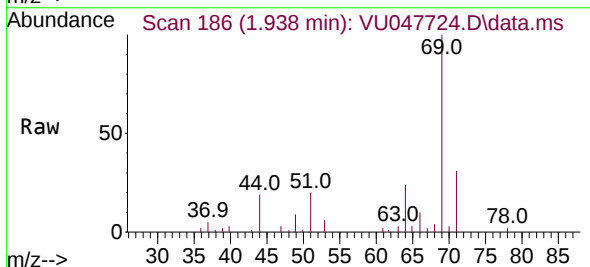
Instrument :
 MSVOA_U
 ClientSampleId :
 EW617RE

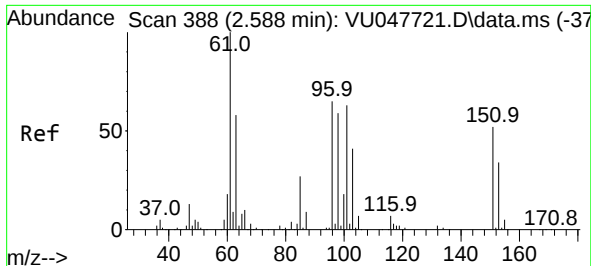
Tgt Ion: 62 Resp: 3474
 Ion Ratio Lower Upper
 62 100
 64 54.3 23.7 43.9#



#8
 Chloroethane
 Concen: 2.247 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. -0.000 min
 Lab File: VU047724.D
 Acq: 28 Mar 2022 13:59

Tgt Ion: 64 Resp: 3718
 Ion Ratio Lower Upper
 64 100
 66 42.6 23.3 43.3

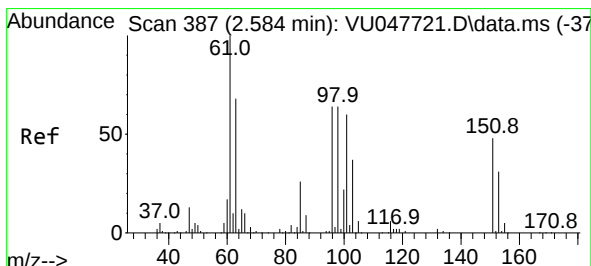
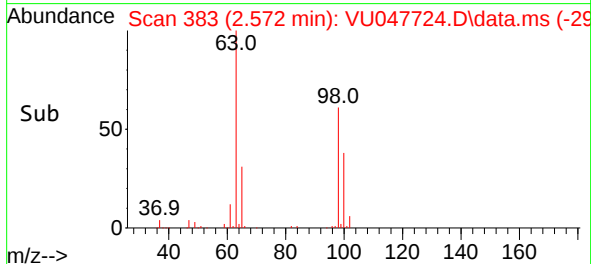
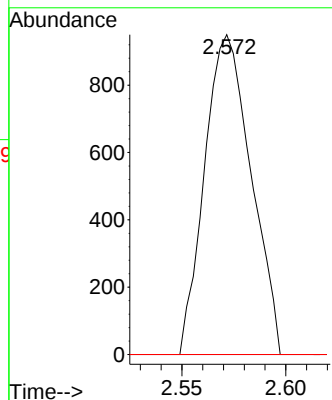
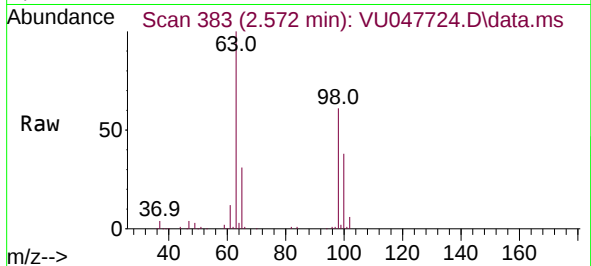




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.688 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU047724.D
Acq: 28 Mar 2022 13:59

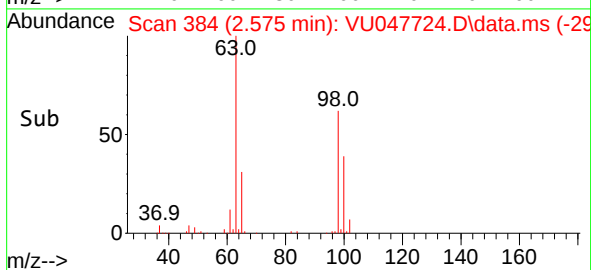
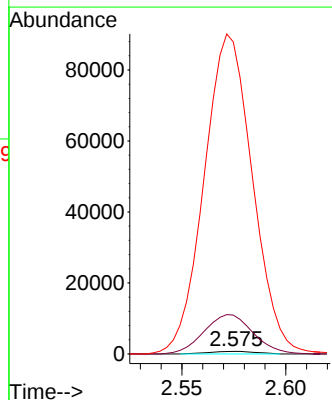
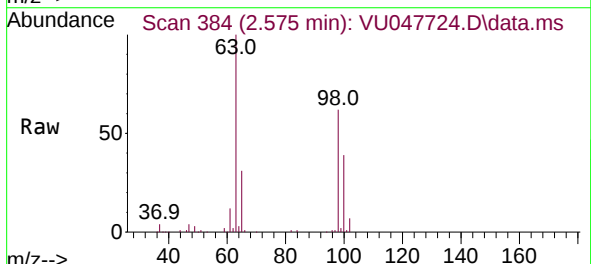
Instrument :
MSVOA_U
ClientSampleId :
EW617RE

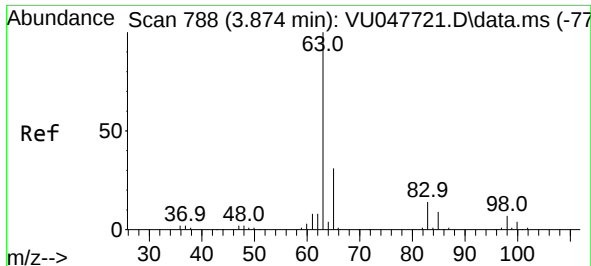
Tgt Ion:101 Resp: 1479
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.586 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU047724.D
Acq: 28 Mar 2022 13:59

Tgt Ion: 96 Resp: 1171
Ion Ratio Lower Upper
96 100
61 1482.7 113.1 210.1#
63 11911.1 94.8 176.0#





#19

1,1-Dichloroethane

Concen: 22.528 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047724.D

Acq: 28 Mar 2022 13:59

Instrument :

MSVOA_U

ClientSampleId :

EW617RE

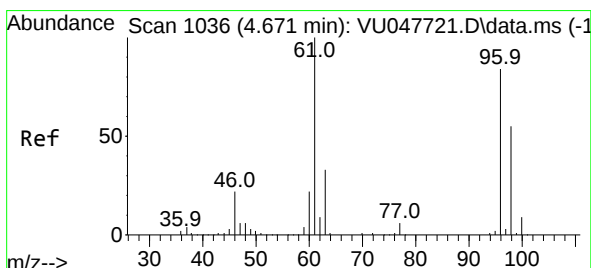
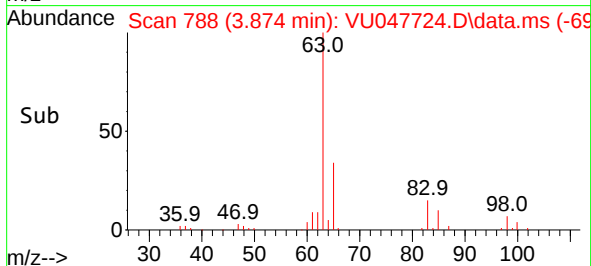
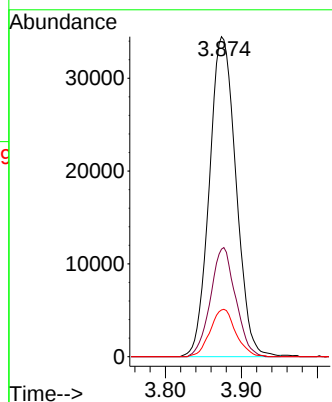
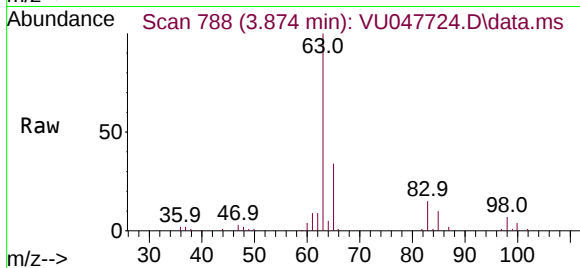
Tgt Ion: 63 Resp: 83810

Ion Ratio Lower Upper

63 100

65 33.6 22.0 41.0

83 14.6 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 1.535 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU047724.D

Acq: 28 Mar 2022 13:59

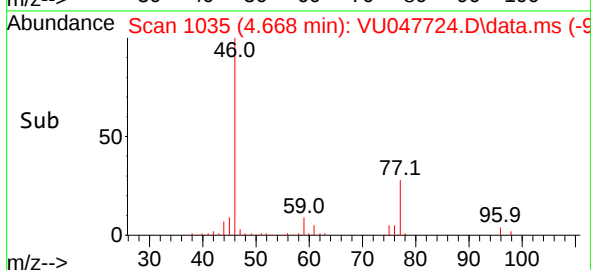
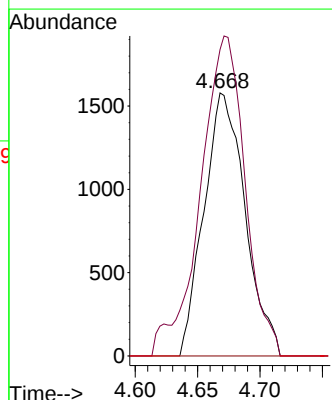
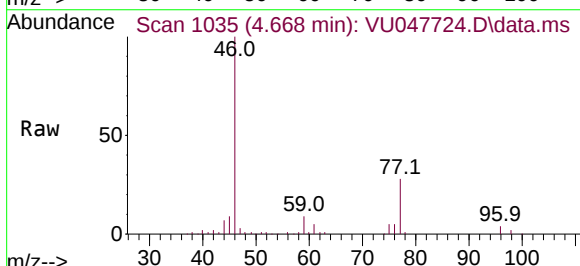
Tgt Ion: 96 Resp: 3629

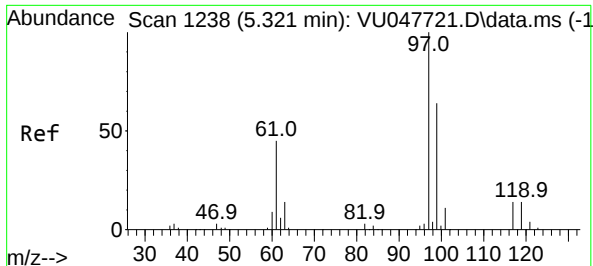
Ion Ratio Lower Upper

96 100

61 116.5 80.7 149.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 14.447 ug/L

RT: 5.317 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU047724.D

Acq: 28 Mar 2022 13:59

Instrument :

MSVOA_U

ClientSampleId :

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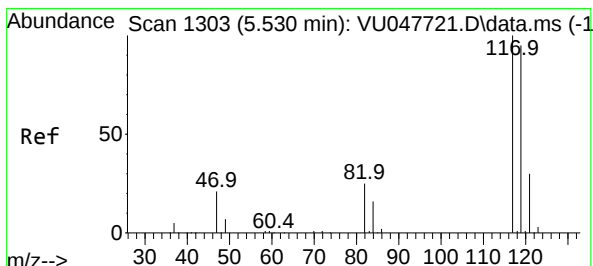
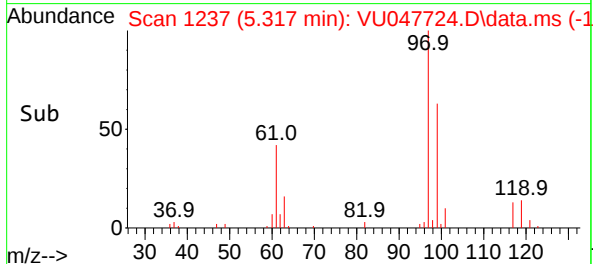
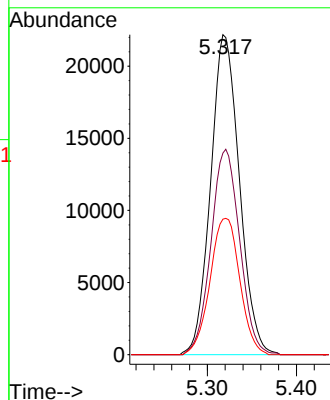
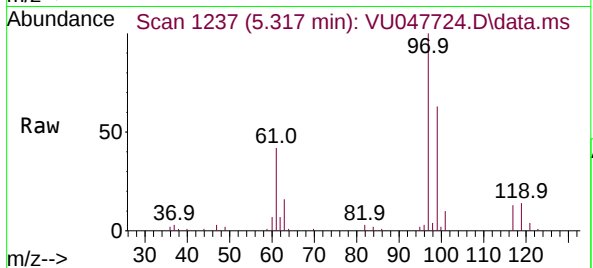
Tgt Ion: 97 Resp: 49806

Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 44.1 34.2 51.4



#31

Carbon tetrachloride

Concen: 2.219 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.209 min

Lab File: VU047724.D

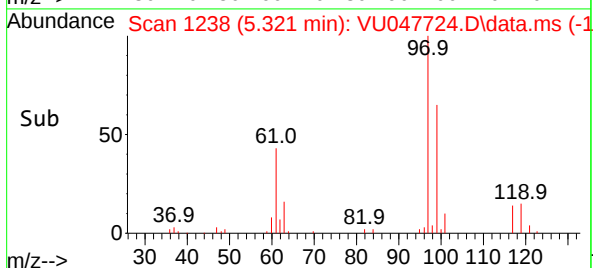
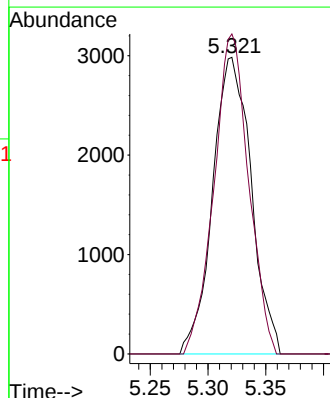
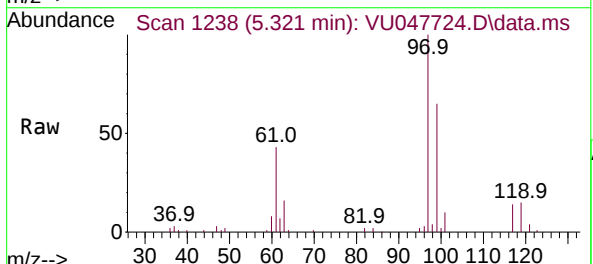
Acq: 28 Mar 2022 13:59

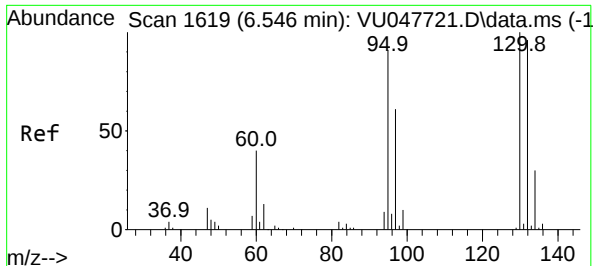
Tgt Ion: 117 Resp: 6908

Ion Ratio Lower Upper

117 100

119 97.2 77.2 115.8

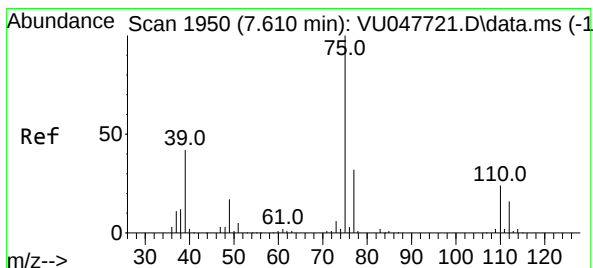
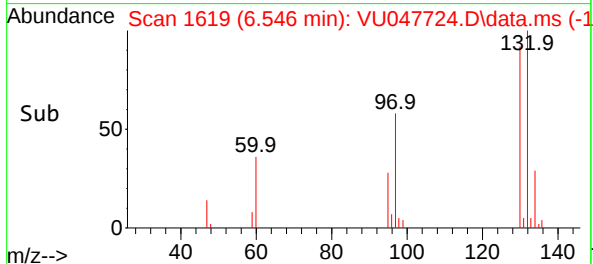
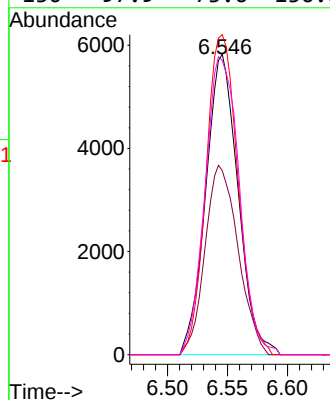
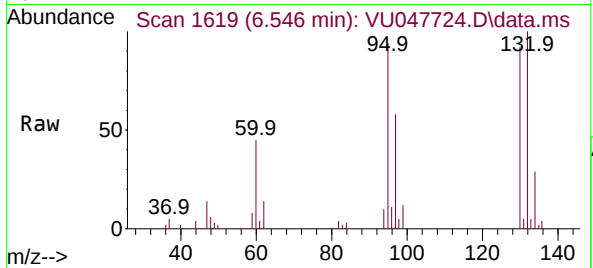




#34
Trichloroethene
Concen: 4.728 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047724.D
Acq: 28 Mar 2022 13:59

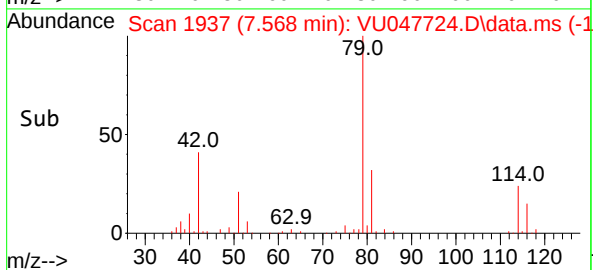
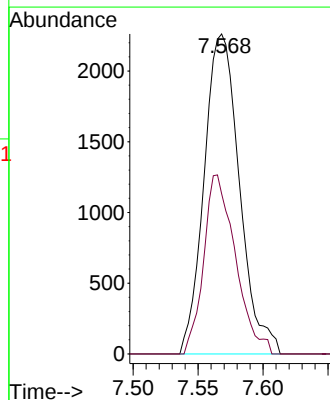
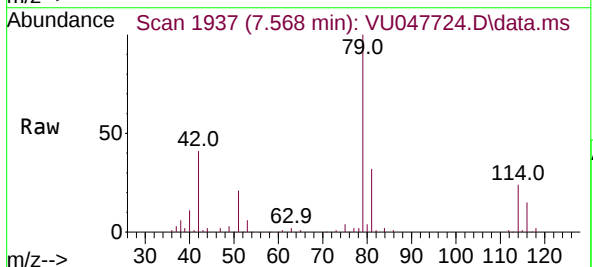
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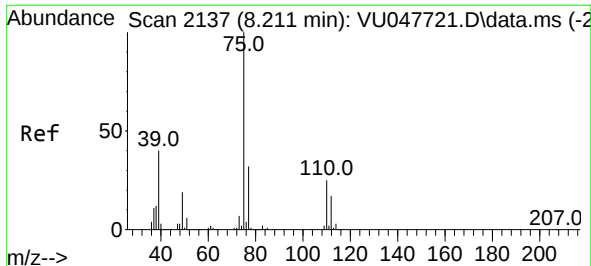
Tgt Ion: 95 Resp: 10908
Ion Ratio Lower Upper
95 100
97 61.2 44.7 82.9
132 106.5 70.4 130.8
130 97.9 73.6 136.8



#39
cis-1,3-Dichloropropene
Concen: 1.234 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU047724.D
Acq: 28 Mar 2022 13:59

Tgt Ion: 75 Resp: 4283
Ion Ratio Lower Upper
75 100
77 50.0 21.8 40.6#

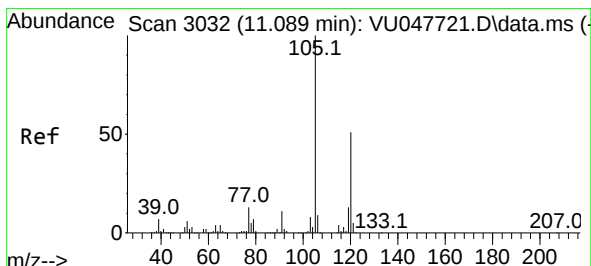
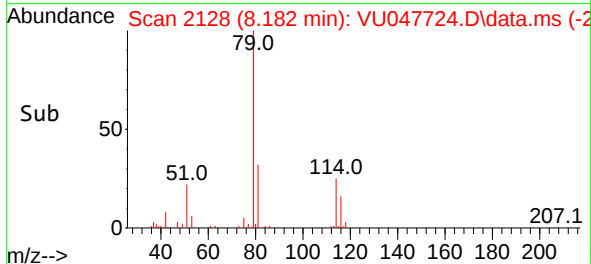
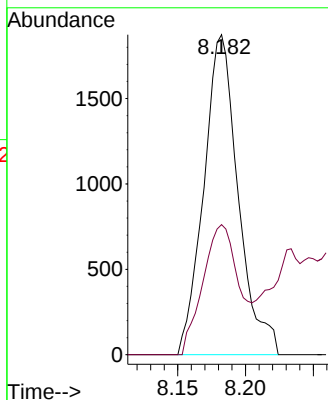
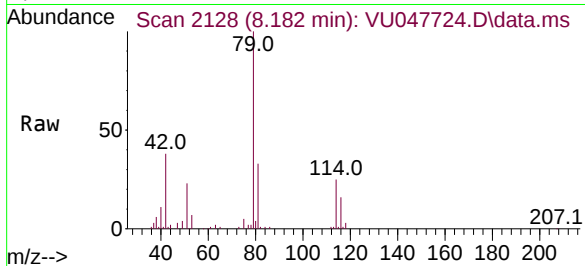




#44
trans-1,3-Dichloropropene
Concen: 0.955 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU047724.D
Acq: 28 Mar 2022 13:59

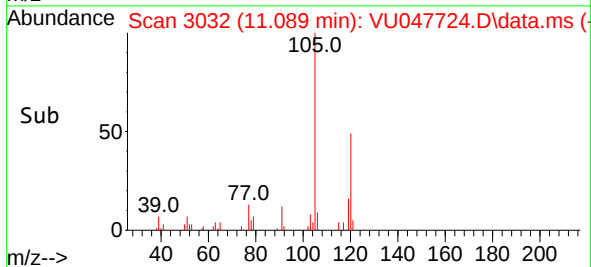
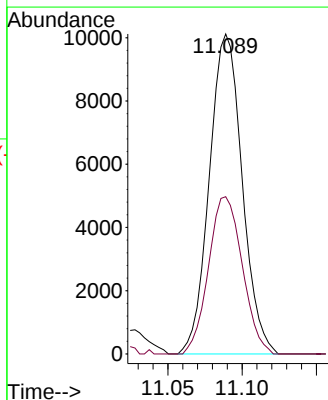
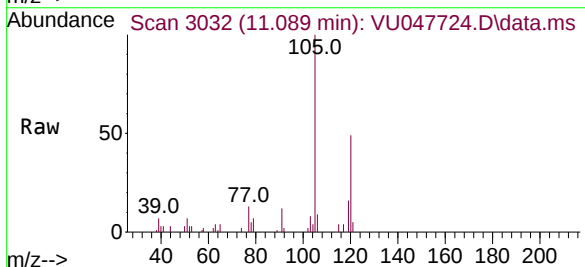
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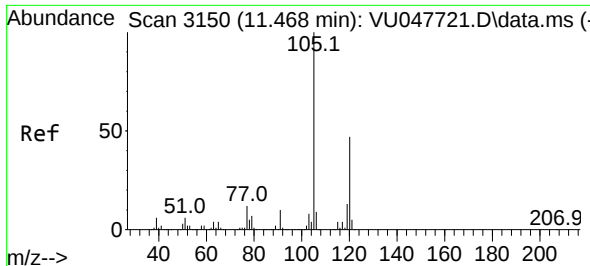
Tgt Ion: 75 Resp: 3309
Ion Ratio Lower Upper
75 100
77 40.7 22.0 40.8



#62
1,3,5-Trimethylbenzene
Concen: 3.115 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047724.D
Acq: 28 Mar 2022 13:59

Tgt Ion: 105 Resp: 15565
Ion Ratio Lower Upper
105 100
120 50.6 40.8 61.2

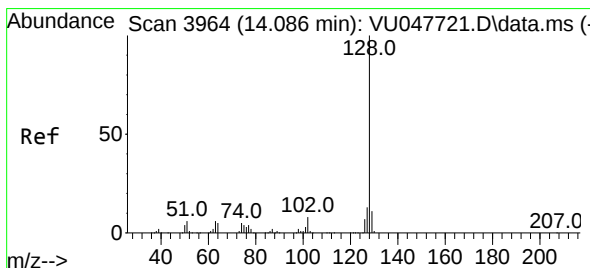
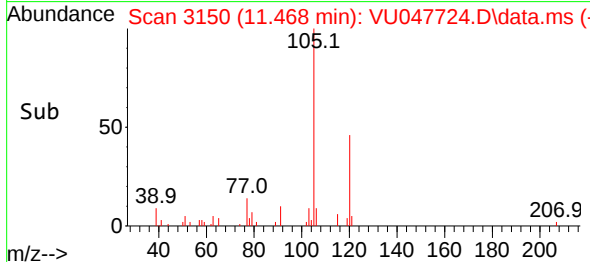
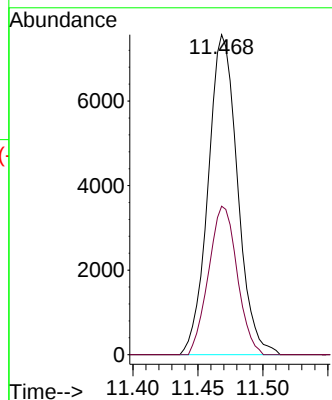
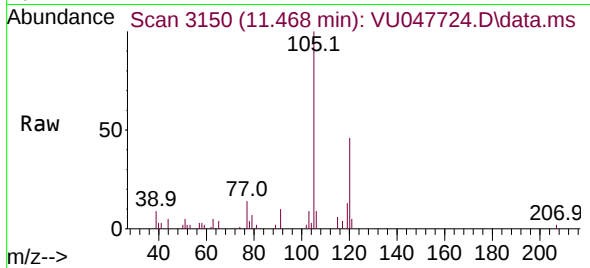




#63
1,2,4-Trimethylbenzene
Concen: 1.570 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047724.D
Acq: 28 Mar 2022 13:59

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:105 Resp: 11913
Ion Ratio Lower Upper
105 100
120 45.0 37.6 56.4



#71
Naphthalene
Concen: 1.540 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU047724.D
Acq: 28 Mar 2022 13:59

Tgt Ion:128 Resp: 16717
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2

