

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047727.D
 Acq On : 28 Mar 2022 15:07
 Operator : SY/MD
 Sample : N2081-11DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X8DL

Quant Time: Mar 29 01:44:47 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)

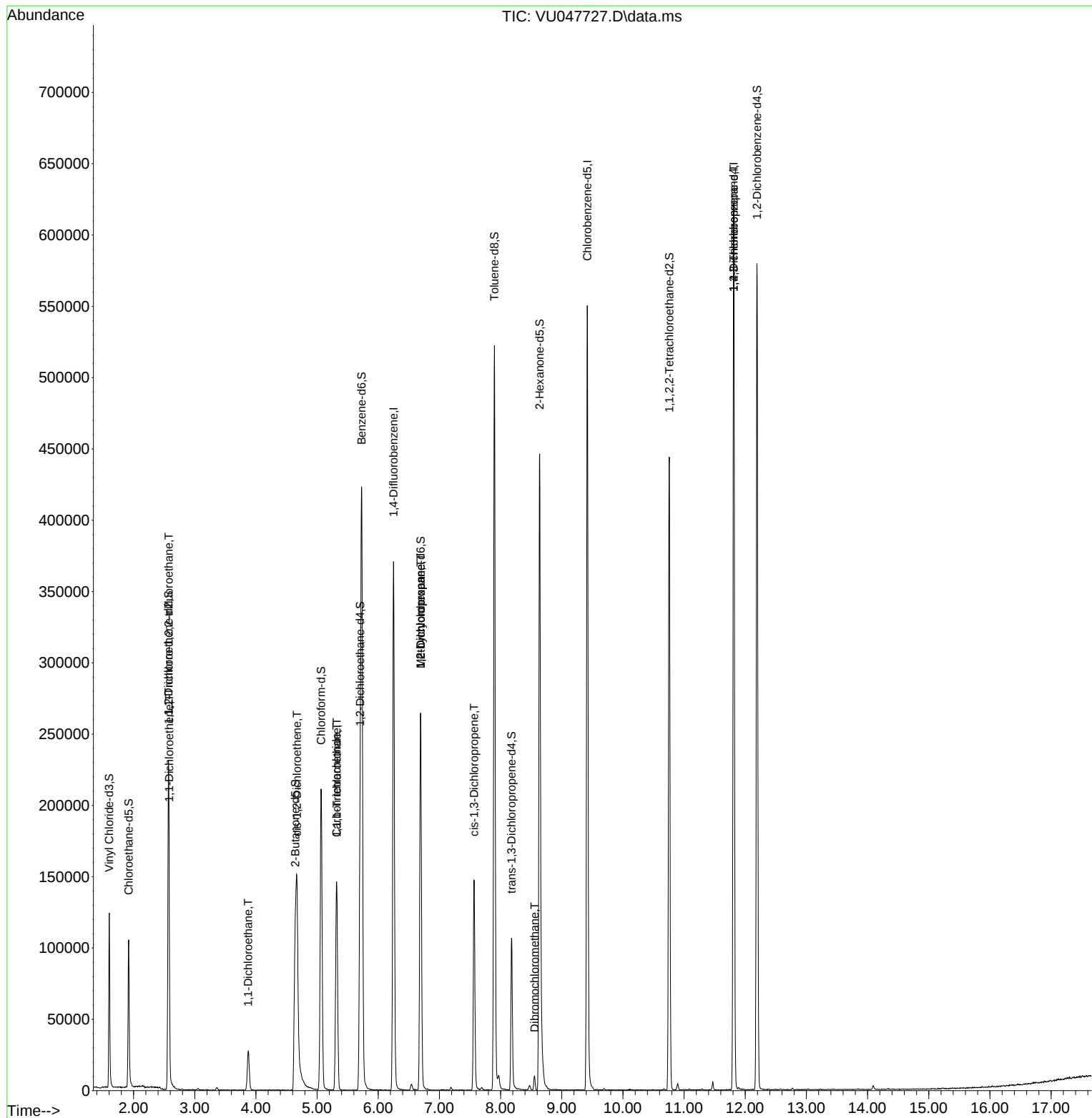
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	316210	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	325491	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	175655	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	89125	38.868	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.740%
7) Chloroethane-d5	1.919	69	80044	44.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.540%
11) 1,1-Dichloroethene-d2	2.571	63	134995	32.178	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.360%
21) 2-Butanone-d5	4.645	46	229831	116.774	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.770%
24) Chloroform-d	5.067	84	198413	47.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.580%
26) 1,2-Dichloroethane-d4	5.703	65	131682	51.173	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.340%
32) Benzene-d6	5.729	84	391805	47.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	6.693	67	129732	51.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.160%
41) Toluene-d8	7.899	98	358216	44.891	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.780%
43) trans-1,3-Dichloroprop...	8.179	79	60383	47.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.780%
47) 2-Hexanone-d5	8.639	63	172760	117.327	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.330%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	218367	50.587	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.180%
66) 1,2-Dichlorobenzene-d4	12.192	152	161114	51.555	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.120%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1279	0.549	ug/L #	18
12) 1,1-Dichloroethene	2.581	96	2746	1.266	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	31465	7.798	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	48006	18.717	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	106603	28.884	ug/L	99
31) Carbon tetrachloride	5.317	117	14471	4.342	ug/L	98
35) Methylcyclohexane	6.693	83	29631	7.885	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	13752	5.742	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3461	0.931	ug/L #	53
49) Dibromochloromethane	8.555	129	2190	0.744	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	19191	5.795	ug/L #	65

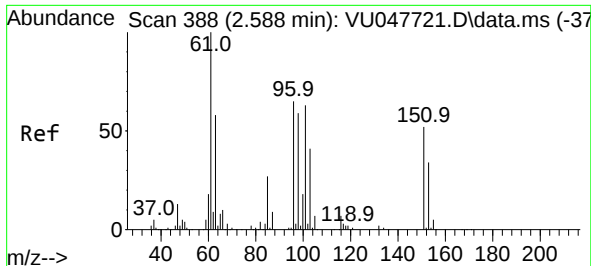
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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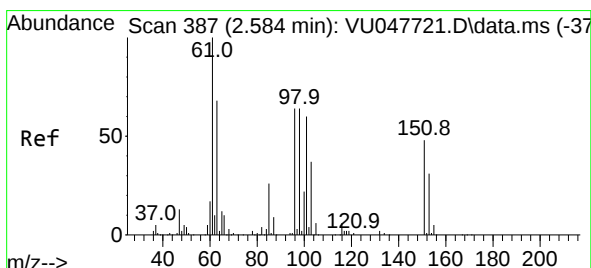
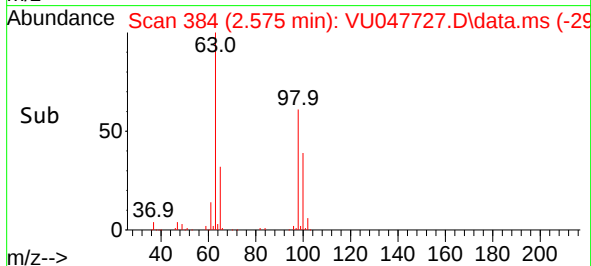
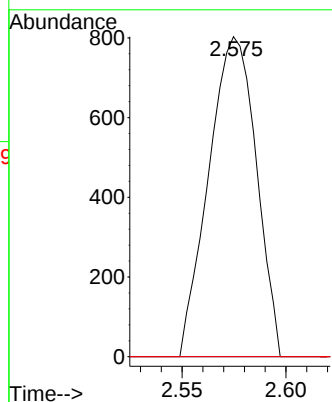
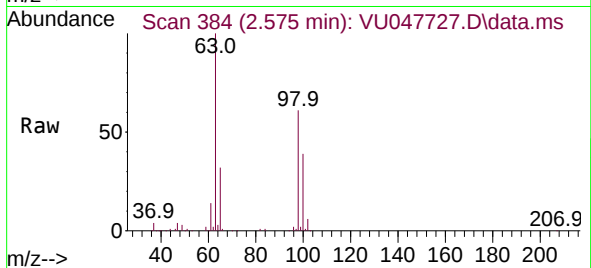




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.549 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU047727.D
Acq: 28 Mar 2022 15:07

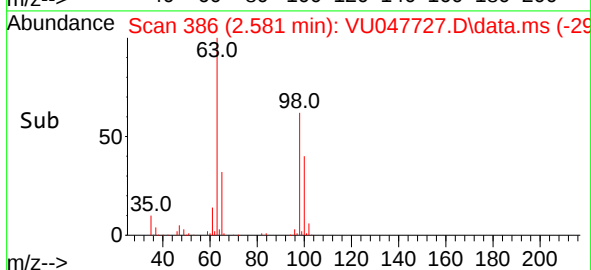
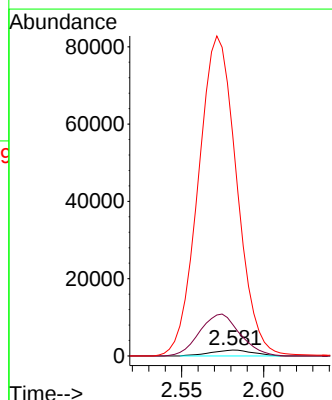
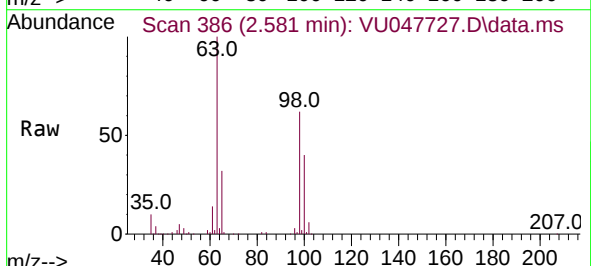
Instrument :
MSVOA_U
ClientSampleId :
EW5X8DL

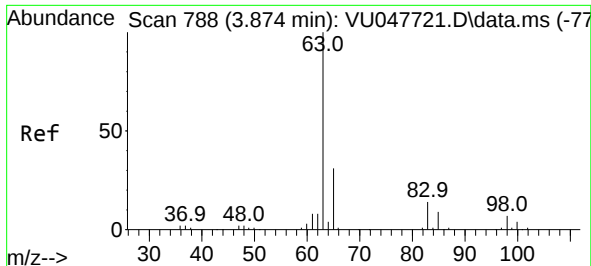
Tgt Ion:101 Resp: 1279
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 1.266 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU047727.D
Acq: 28 Mar 2022 15:07

Tgt Ion: 96 Resp: 2746
Ion Ratio Lower Upper
96 100
61 527.5 113.1 210.1#
63 3703.5 94.8 176.0#





#19

1,1-Dichloroethane

Concen: 7.798 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047727.D

Acq: 28 Mar 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

EW5X8DL

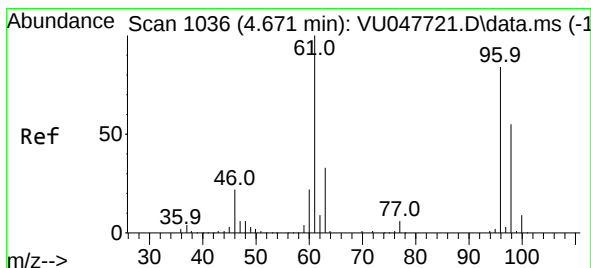
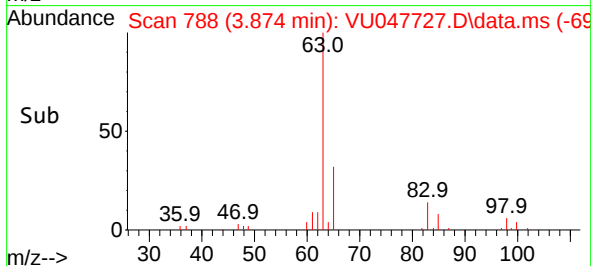
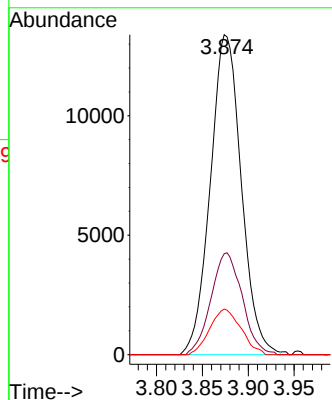
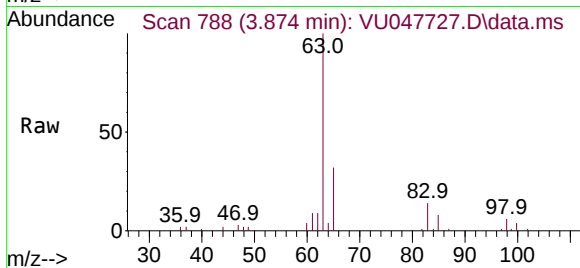
Tgt Ion: 63 Resp: 31465

Ion Ratio Lower Upper

63 100

65 31.6 22.0 41.0

83 14.3 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 18.717 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047727.D

Acq: 28 Mar 2022 15:07

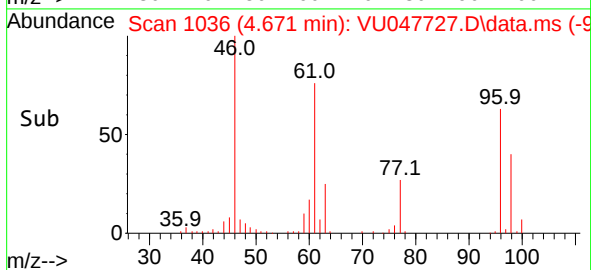
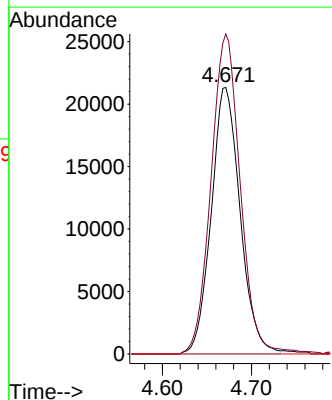
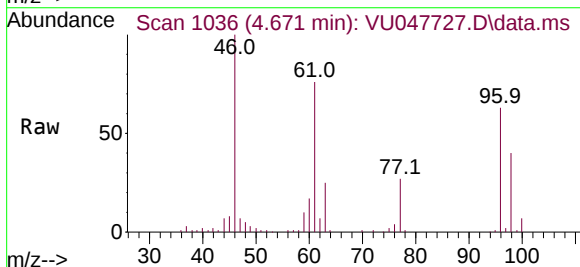
Tgt Ion: 96 Resp: 48006

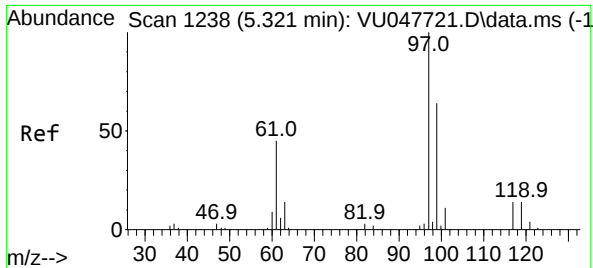
Ion Ratio Lower Upper

96 100

61 120.0 80.7 149.9

68 0.0 0.0 0.0

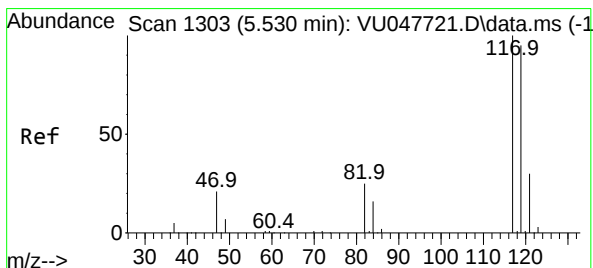
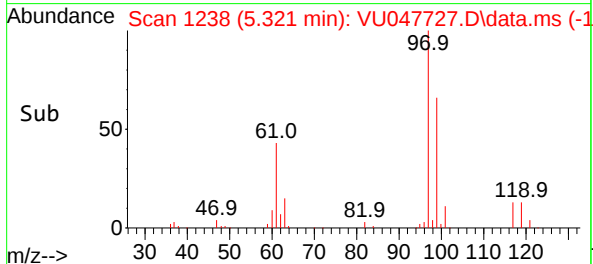
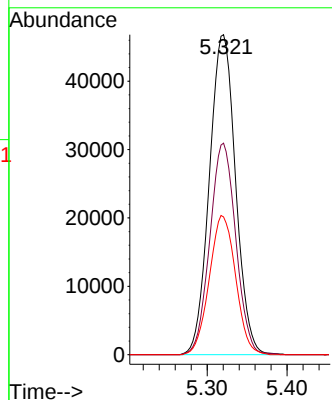
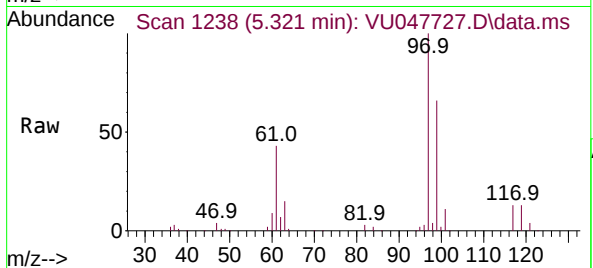




#30
1,1,1-Trichloroethane
Concen: 28.884 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047727.D
Acq: 28 Mar 2022 15:07

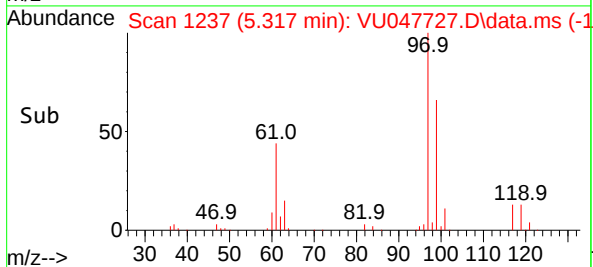
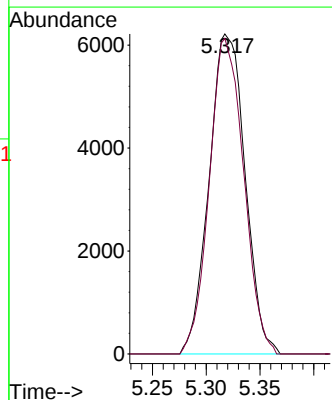
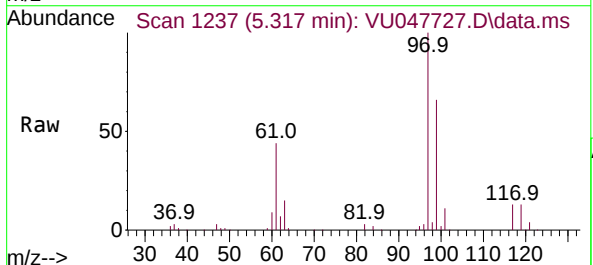
Instrument :
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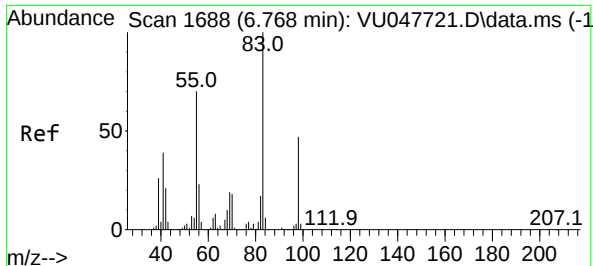
Tgt Ion: 97 Resp: 106603
Ion Ratio Lower Upper
97 100
99 65.5 51.6 77.4
61 43.7 34.2 51.4



#31
Carbon tetrachloride
Concen: 4.342 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.212 min
Lab File: VU047727.D
Acq: 28 Mar 2022 15:07

Tgt Ion: 117 Resp: 14471
Ion Ratio Lower Upper
117 100
119 94.1 77.2 115.8

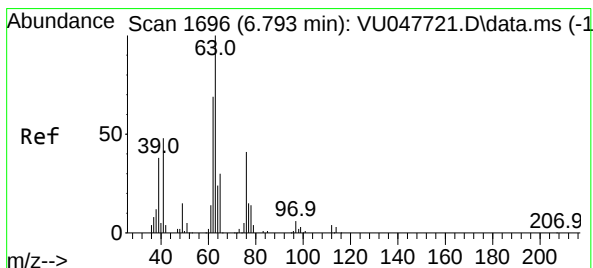
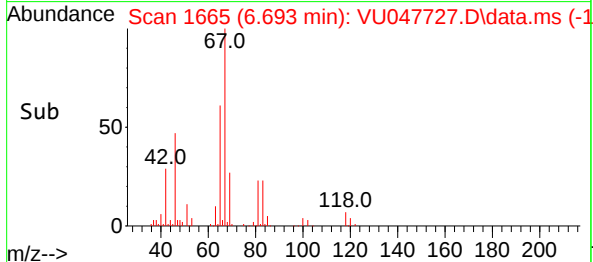
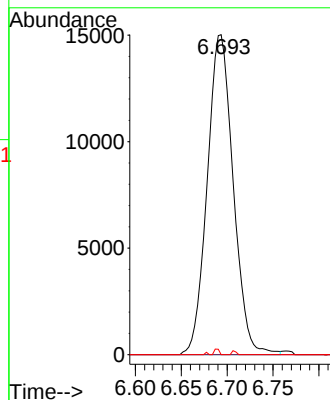
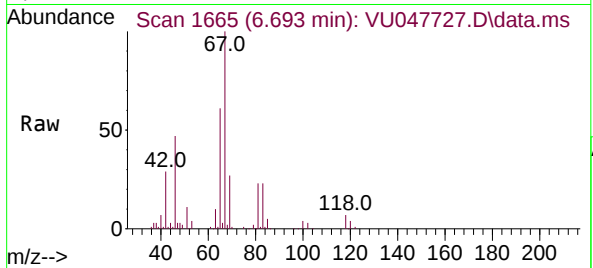




#35
Methylcyclohexane
Concen: 7.885 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047727.D
Acq: 28 Mar 2022 15:07

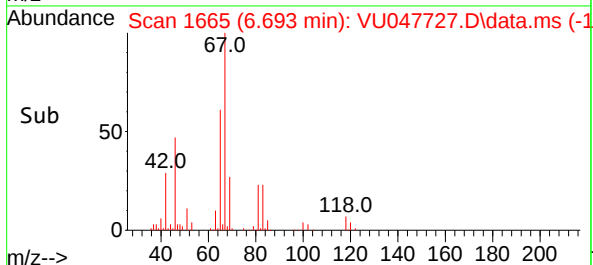
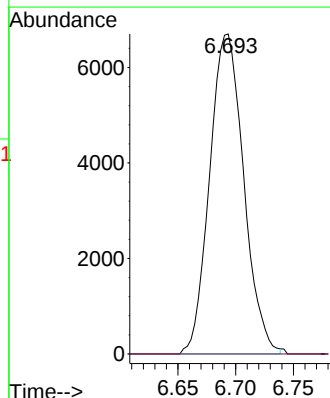
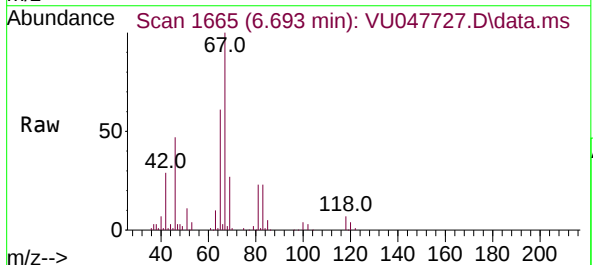
Instrument :
MSVOA_U
ClientSampleId :
EW5X8DL

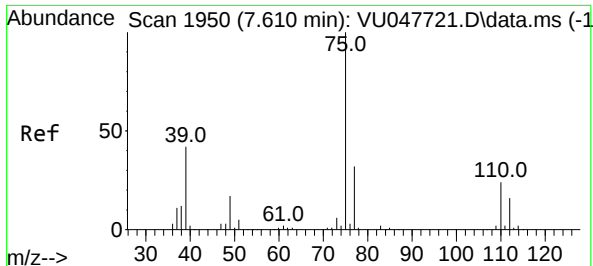
Tgt Ion: 83 Resp: 29631
Ion Ratio Lower Upper
83 100
55 0.0 56.8 85.2#
98 0.3 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 5.742 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047727.D
Acq: 28 Mar 2022 15:07

Tgt Ion: 63 Resp: 13752
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.931 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047727.D

Acq: 28 Mar 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

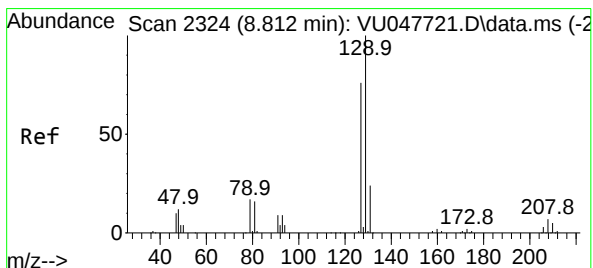
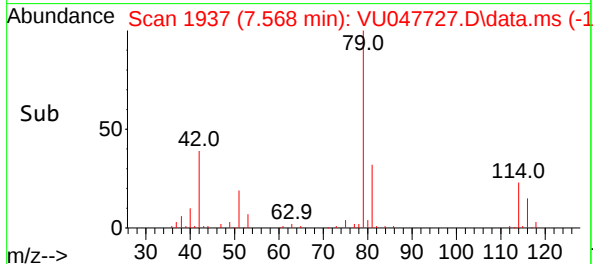
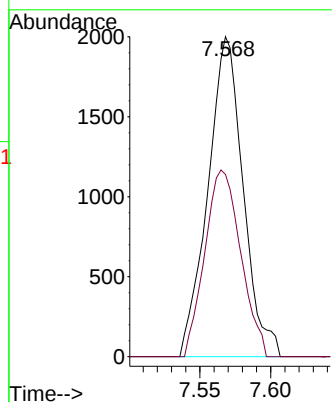
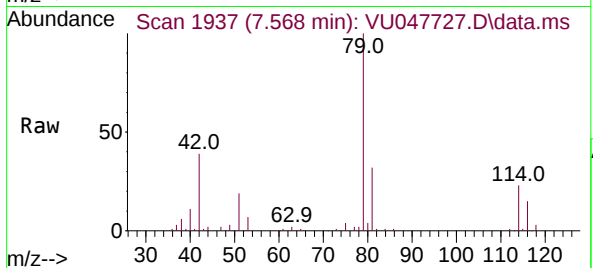
EW5X8DL

Tgt Ion: 75 Resp: 3461

Ion Ratio Lower Upper

75 100

77 57.0 21.8 40.6#



#49

Dibromochloromethane

Concen: 0.744 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047727.D

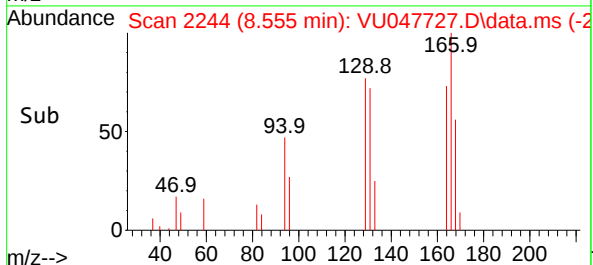
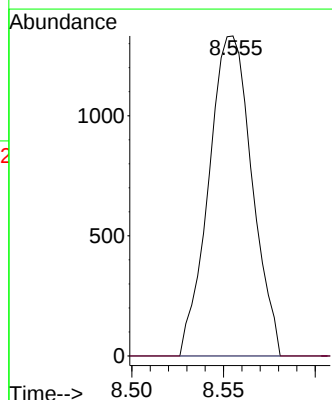
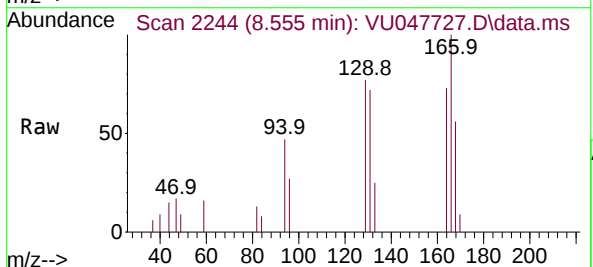
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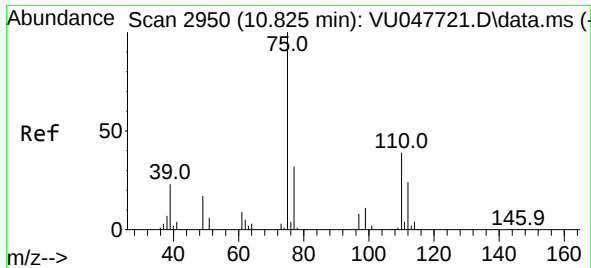
Tgt Ion: 129 Resp: 2190

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.795 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047727.D
 Acq: 28 Mar 2022 15:07

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X8DL

Tgt Ion: 75 Resp: 19191
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.0 39.0
 110 1.9 31.4 47.2#

