

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047182.D
 Acq On : 17 Feb 2022 01:40
 Operator : SY/MD
 Sample : N1559-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 17 04:53:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

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

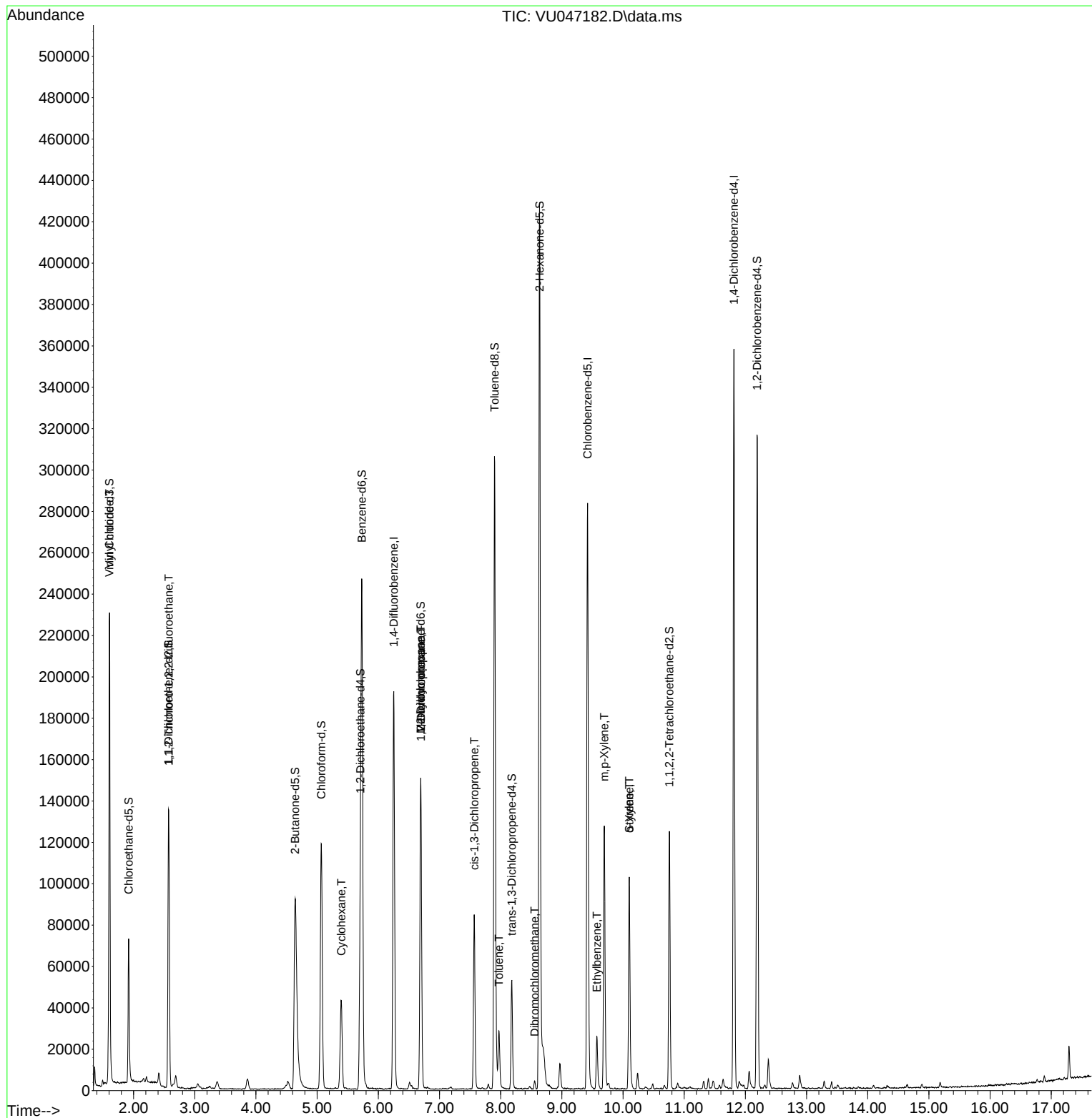
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	165360	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	170809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	96677	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	64174	4.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.919	69	52640	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.572	65	25267	4.374	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.642	46	185104	55.452	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.900%
24) Chloroform-d	5.070	84	111353	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.707	65	61774	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.732	84	230365	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.694	67	73522	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.899	98	219339	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.182	79	29264	4.251	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.636	63	157514	43.455	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	61097	4.426	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	85216	4.913	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	106386	6.944	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	621	0.055	ug/L #	21
30) Cyclohexane	5.395	56	22888	1.134	ug/L	96
35) Methylcyclohexane	6.694	83	16247	0.744	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	7683	0.612	ug/L #	94
39) cis-1,3-Dichloropropene	7.568	75	1967	0.101	ug/L #	54
42) Toluene	7.973	91	21349	0.395	ug/L	97
49) Dibromochloromethane	8.555	129	863	0.074	ug/L #	10
52) Ethylbenzene	9.571	91	20047	0.339	ug/L	99
53) m,p-Xylene	9.694	106	39330	1.692	ug/L	98
54) o-Xylene	10.102	106	29452	1.301	ug/L	100
55) Styrene	10.102	104	1752	0.046	ug/L #	1

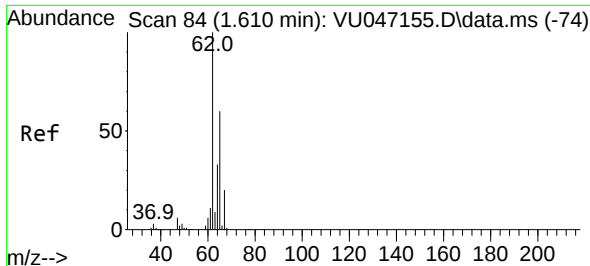
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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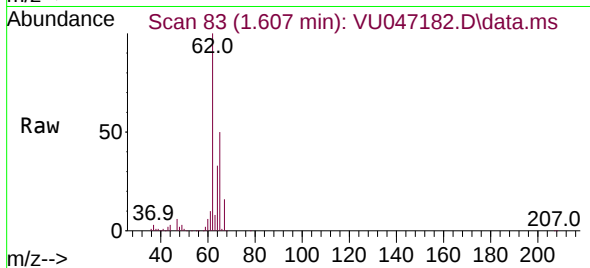
Quant Time: Feb 17 04:53:09 2022
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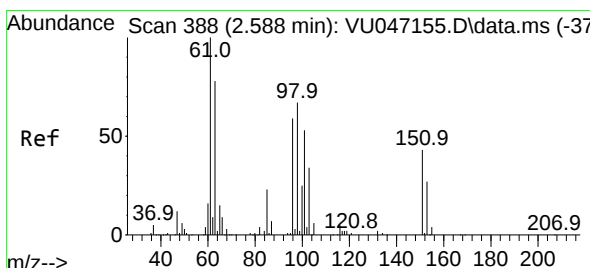
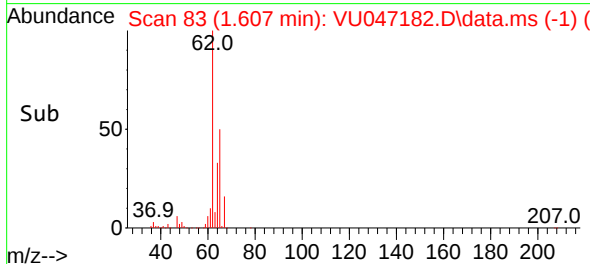
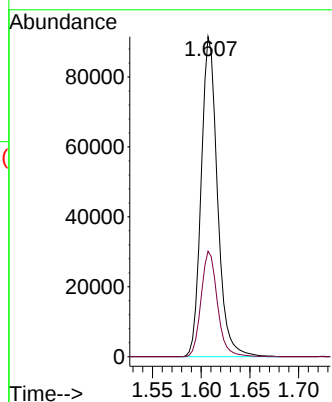


#5
 Vinyl chloride
 Concen: 6.944 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047182.D
 Acq: 17 Feb 2022 01:40

Instrument :
 MSVOA_U
 ClientSampleId :

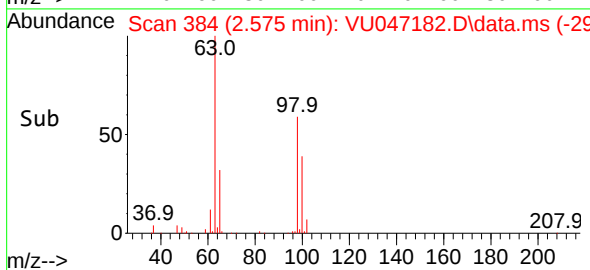
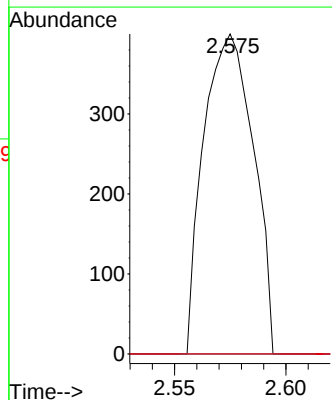
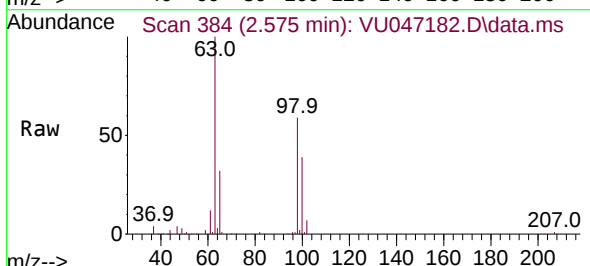


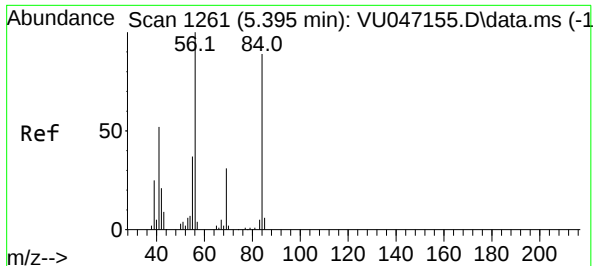
Tgt Ion: 62 Resp: 106386
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.055 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047182.D
 Acq: 17 Feb 2022 01:40

Tgt Ion: 101 Resp: 621
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#





#30

Cyclohexane

Concen: 1.134 ug/L

RT: 5.395 min Scan# 1

Delta R.T. 0.000 min

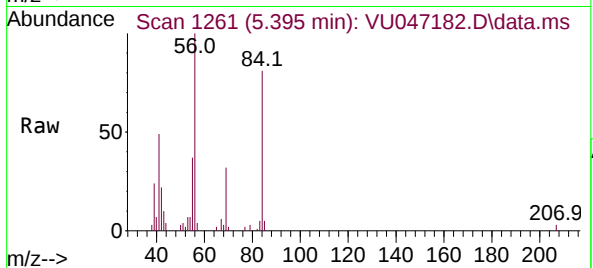
Lab File: VU047182.D

Acq: 17 Feb 2022 01:40

Instrument :

MSVOA_U

ClientSampleId :



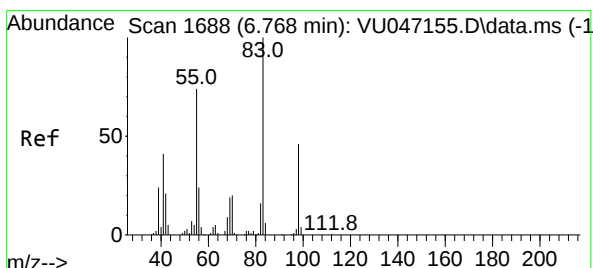
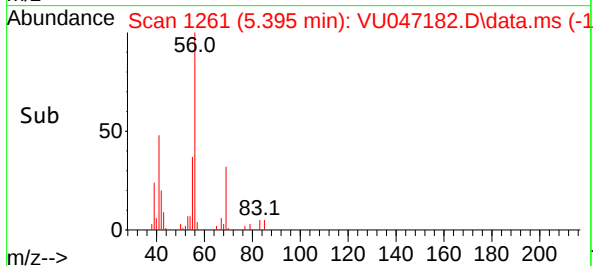
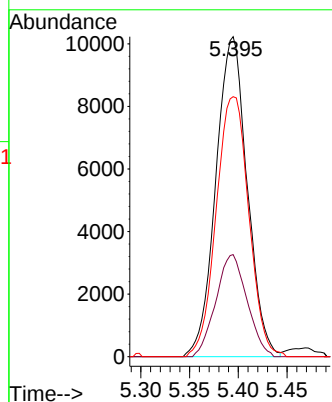
Tgt Ion: 56 Resp: 22888

Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

84 84.5 71.8 107.6



#35

Methylcyclohexane

Concen: 0.744 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047182.D

Acq: 17 Feb 2022 01:40

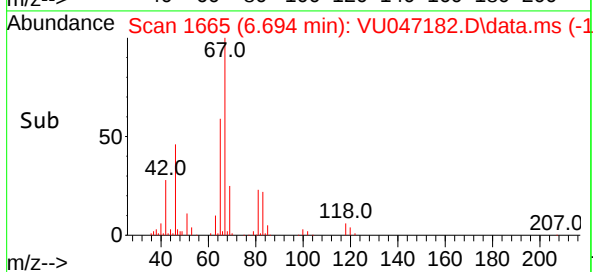
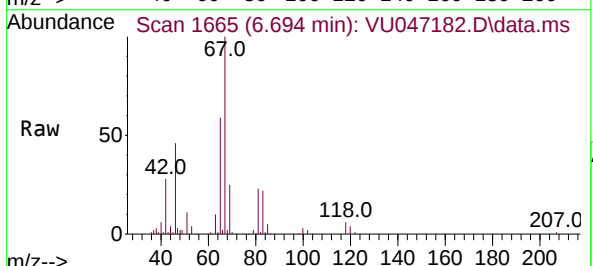
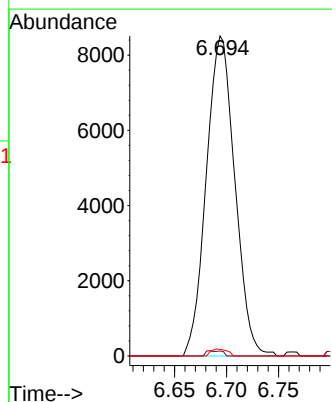
Tgt Ion: 83 Resp: 16247

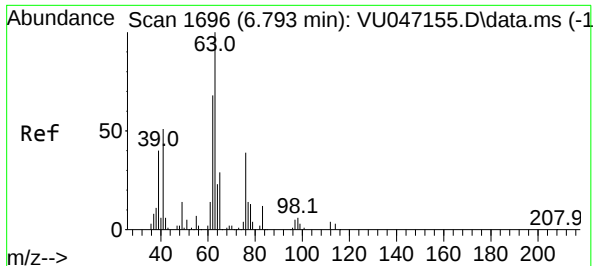
Ion Ratio Lower Upper

83 100

55 0.9 61.9 92.9#

98 1.2 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU047182.D

Acq: 17 Feb 2022 01:40

Instrument :

MSVOA_U

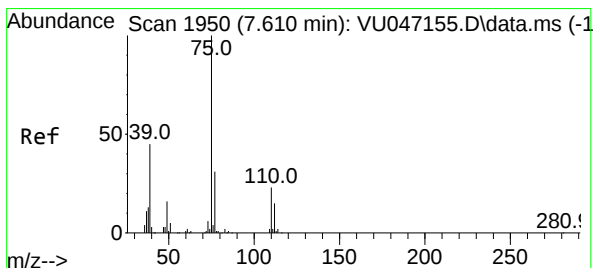
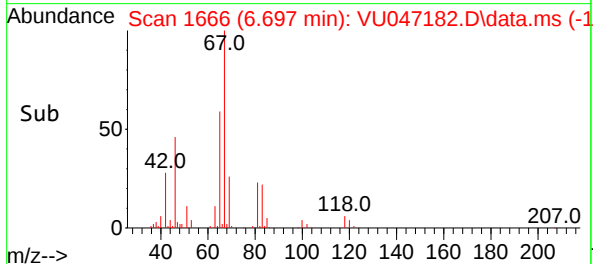
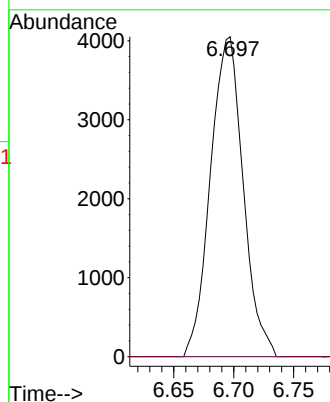
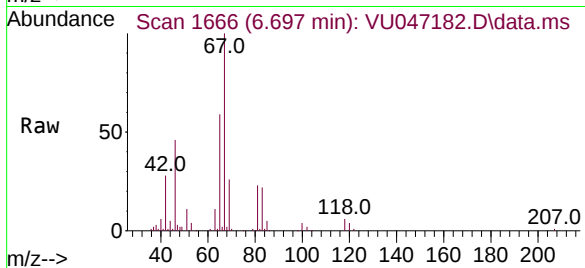
ClientSampleId :

Tgt Ion: 63 Resp: 7683

Ion Ratio Lower Upper

63 100

112 2.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047182.D

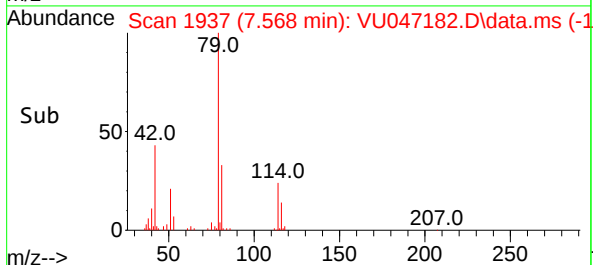
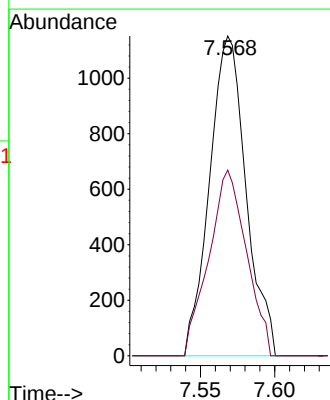
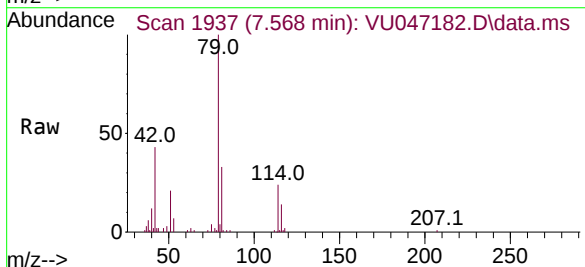
Acq: 17 Feb 2022 01:40

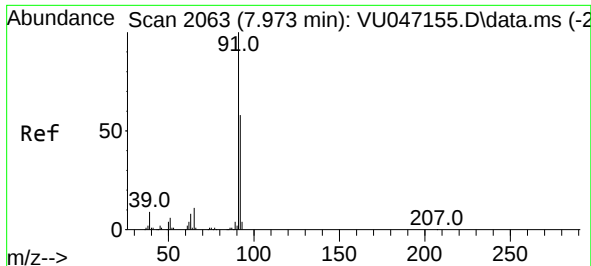
Tgt Ion: 75 Resp: 1967

Ion Ratio Lower Upper

75 100

77 58.1 22.5 41.9#

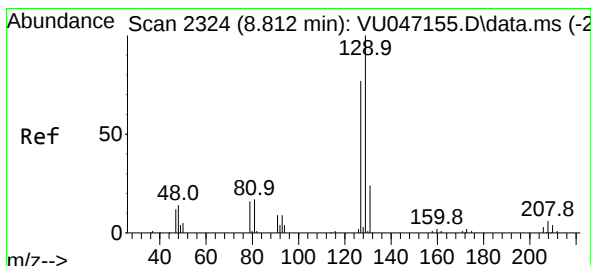
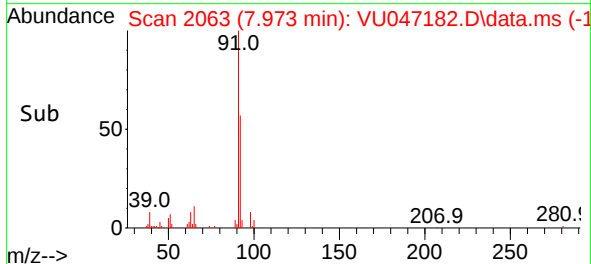
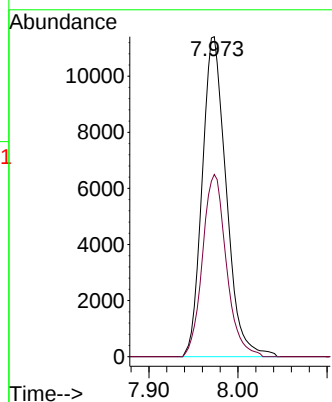
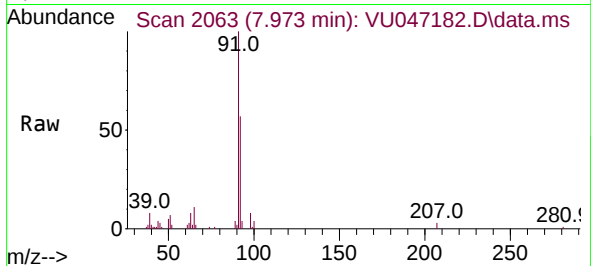




#42
Toluene
Concen: 0.395 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047182.D
Acq: 17 Feb 2022 01:40

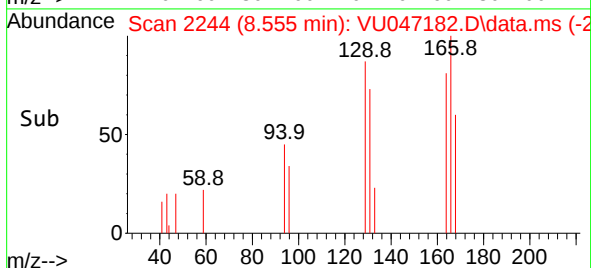
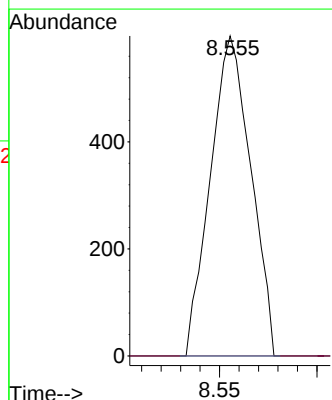
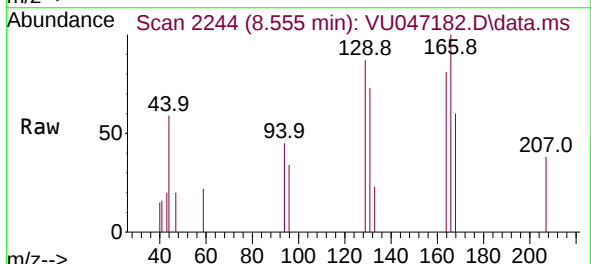
Instrument :
MSVOA_U
ClientSampleId :

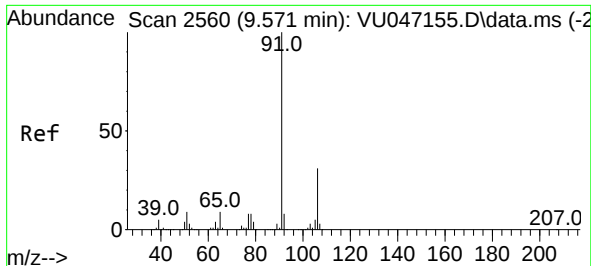
Tgt Ion: 91 Resp: 21349
Ion Ratio Lower Upper
91 100
92 57.0 41.3 76.7



#49
Dibromochloromethane
Concen: 0.074 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047182.D
Acq: 17 Feb 2022 01:40

Tgt Ion: 129 Resp: 863
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#52

Ethylbenzene

Concen: 0.339 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU047182.D

Acq: 17 Feb 2022 01:40

Instrument :

MSVOA_U

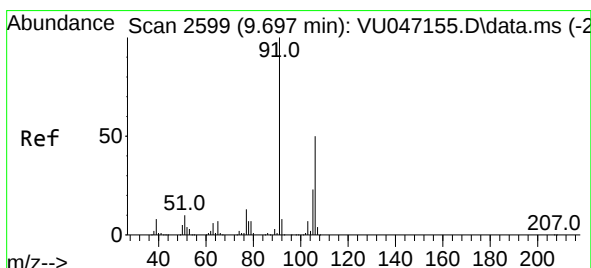
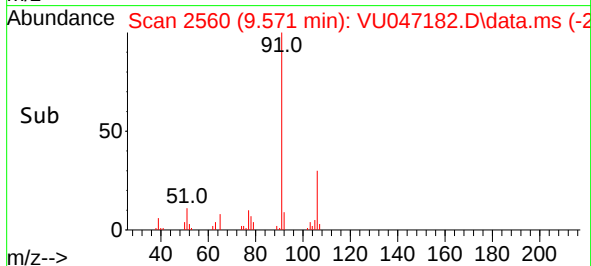
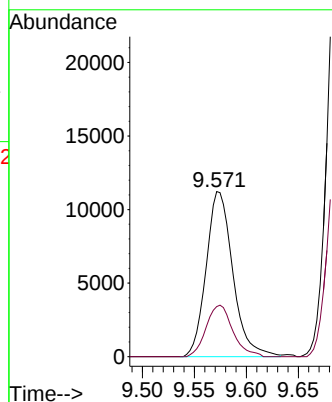
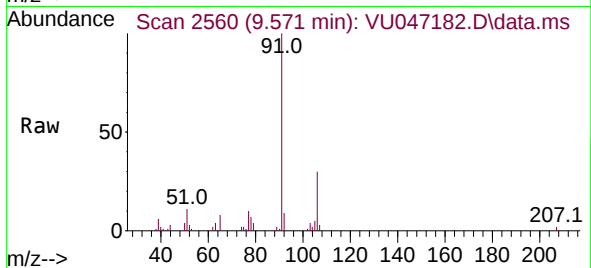
ClientSampleId :

Tgt Ion: 91 Resp: 20047

Ion Ratio Lower Upper

91 100

106 30.3 21.5 39.9



#53

m,p-Xylene

Concen: 1.692 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU047182.D

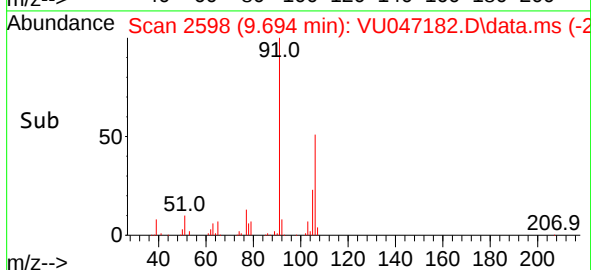
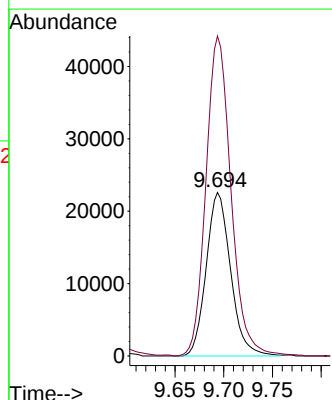
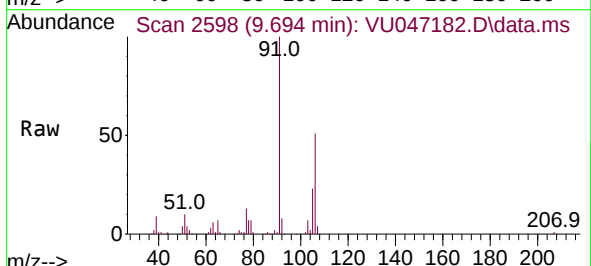
Acq: 17 Feb 2022 01:40

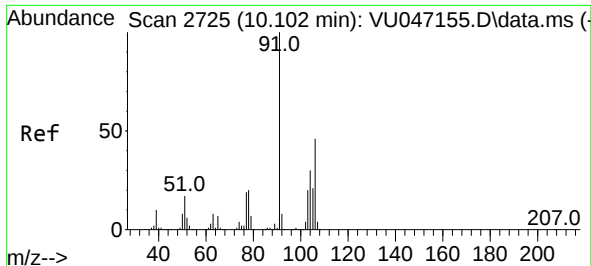
Tgt Ion: 106 Resp: 39330

Ion Ratio Lower Upper

106 100

91 195.6 139.4 259.0

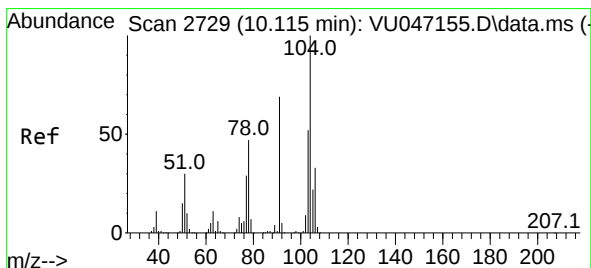
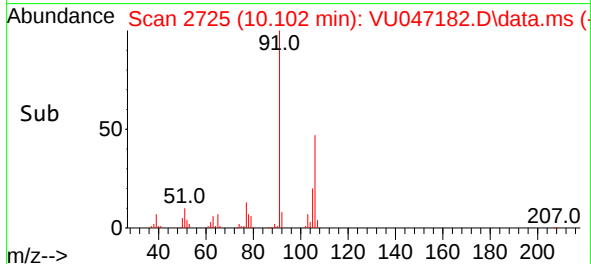
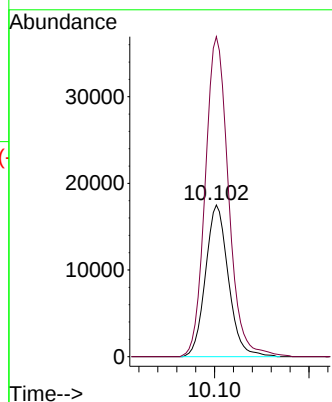
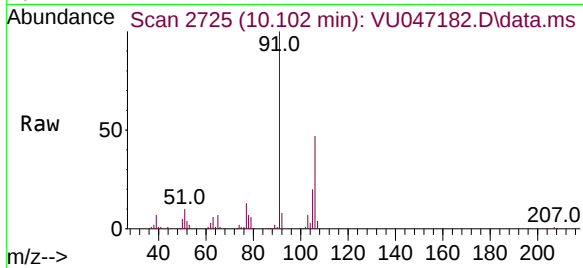




#54
o-Xylene
Concen: 1.301 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047182.D
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Tgt Ion:106 Resp: 29452
Ion Ratio Lower Upper
106 100
91 211.0 147.5 273.9



#55
Styrene
Concen: 0.046 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.013 min
Lab File: VU047182.D
Acq: 17 Feb 2022 01:40

Tgt Ion:104 Resp: 1752
Ion Ratio Lower Upper
104 100
78 255.2 33.0 61.4#

