

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047181.D
 Acq On : 17 Feb 2022 01:16
 Operator : SY/MD
 Sample : N1559-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 17 04:52:57 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)

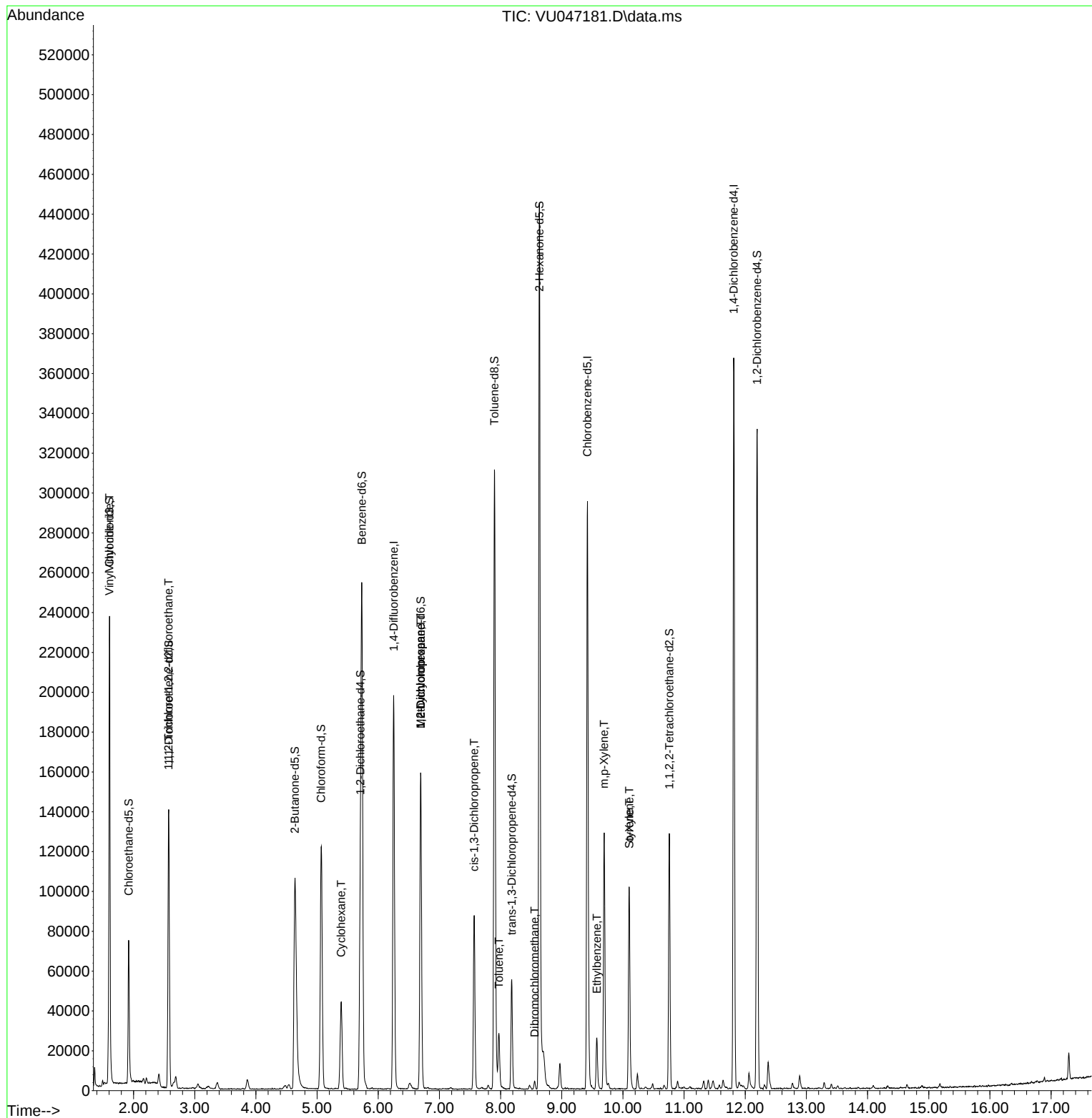
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	169620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	173063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97601	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	66566	4.647	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.919	69	53993	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.575	65	26121	4.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.639	46	188510	55.054	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.100%
24) Chloroform-d	5.067	84	114099	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.706	65	63781	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.732	84	238410	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.694	67	76757	4.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.899	98	224830	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.182	79	30121	4.318	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.636	63	162163	44.155	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.320%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	63222	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	88831	5.073	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	106729	6.791	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	726	0.063	ug/L #	21
30) Cyclohexane	5.395	56	22466	1.098	ug/L	98
35) Methylcyclohexane	6.694	83	17519	0.791	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	8136	0.640	ug/L #	96
39) cis-1,3-Dichloropropene	7.568	75	2076	0.105	ug/L #	56
42) Toluene	7.973	91	21071	0.385	ug/L	100
49) Dibromochloromethane	8.558	129	860	0.072	ug/L #	10
52) Ethylbenzene	9.574	91	20232	0.337	ug/L	99
53) m,p-Xylene	9.693	106	39209	1.665	ug/L	99
54) o-Xylene	10.102	106	29248	1.275	ug/L	96
55) Styrene	10.105	104	1797	0.047	ug/L #	1

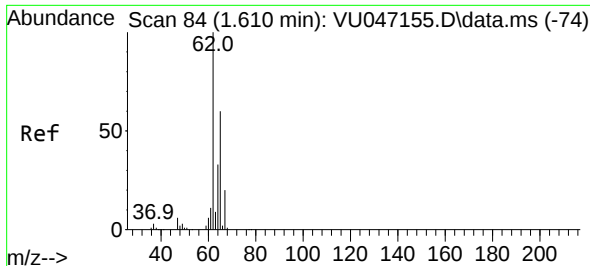
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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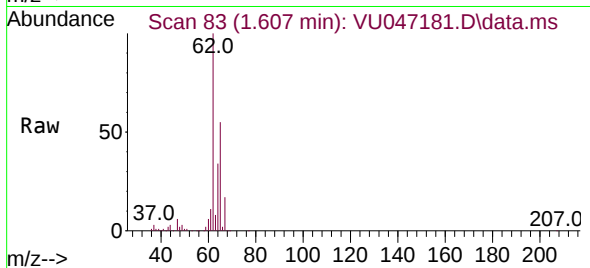
Quant Time: Feb 17 04:52:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
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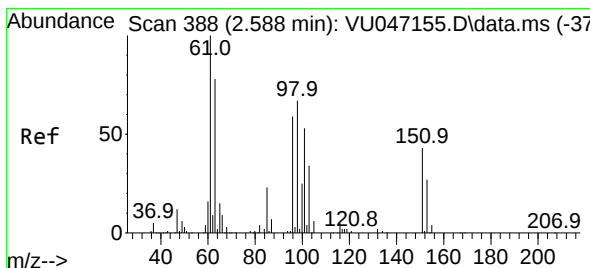
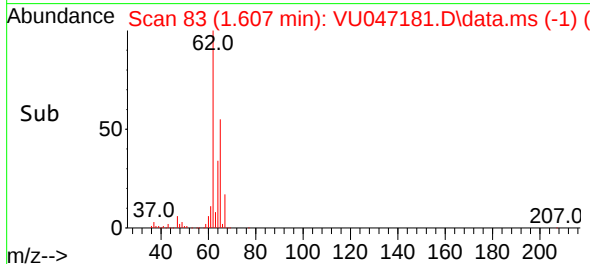
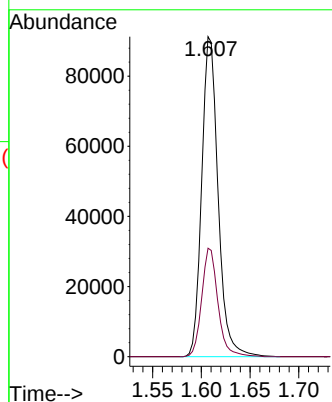


#5
 Vinyl chloride
 Concen: 6.791 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047181.D
 Acq: 17 Feb 2022 01:16

Instrument :
 MSVOA_U
 ClientSampleId :

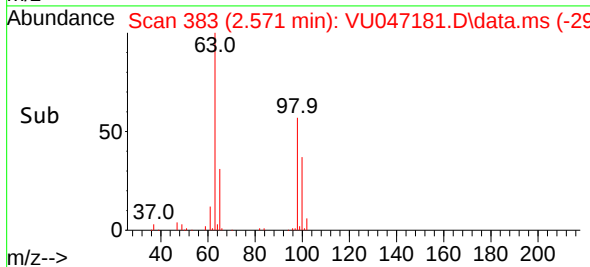
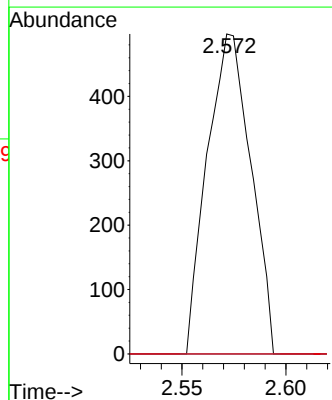
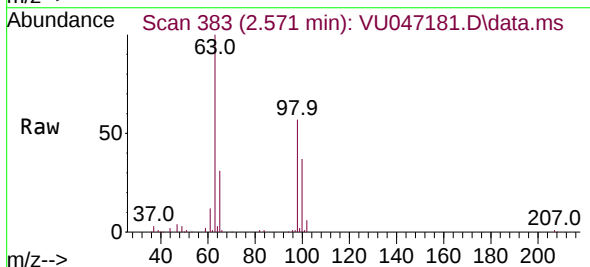


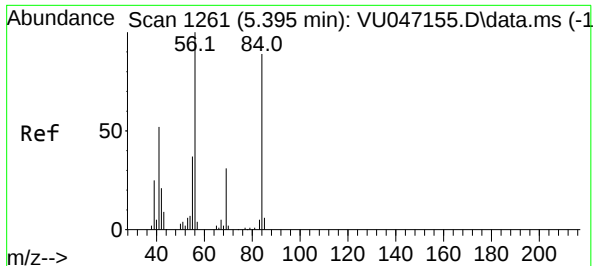
Tgt Ion: 62 Resp: 106729
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.063 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU047181.D
 Acq: 17 Feb 2022 01:16

Tgt Ion: 101 Resp: 726
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#





#30

Cyclohexane

Concen: 1.098 ug/L

RT: 5.395 min Scan# 11

Delta R.T. -0.000 min

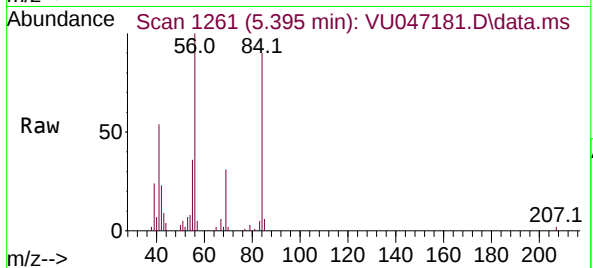
Lab File: VU047181.D

Acq: 17 Feb 2022 01:16

Instrument :

MSVOA_U

ClientSampleId :



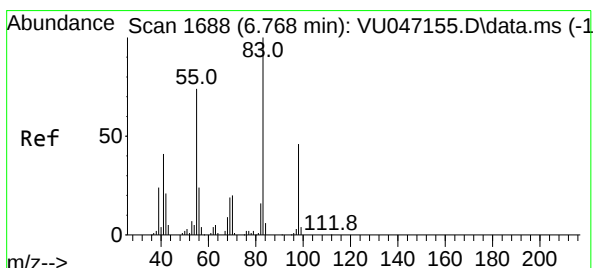
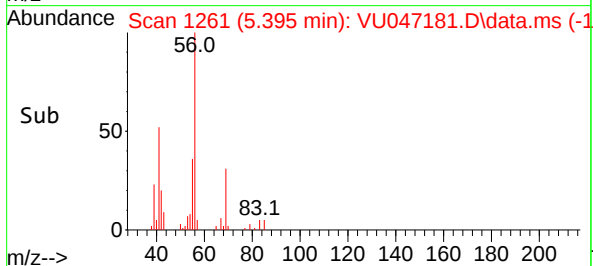
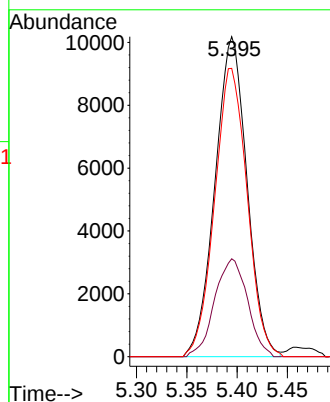
Tgt Ion: 56 Resp: 22466

Ion Ratio Lower Upper

56 100

69 31.5 24.7 37.1

84 91.7 71.8 107.6



#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047181.D

Acq: 17 Feb 2022 01:16

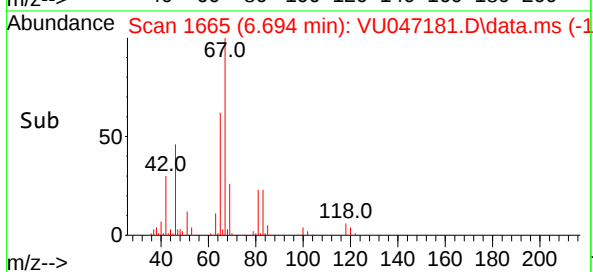
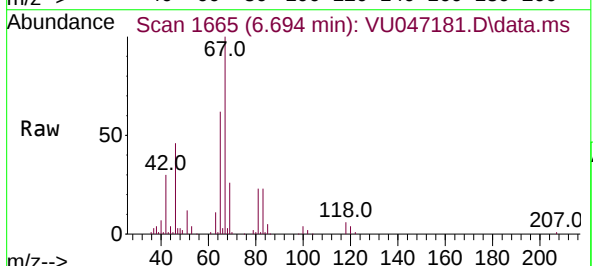
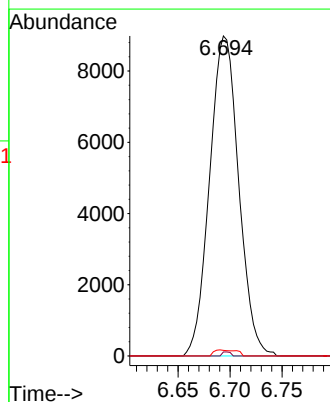
Tgt Ion: 83 Resp: 17519

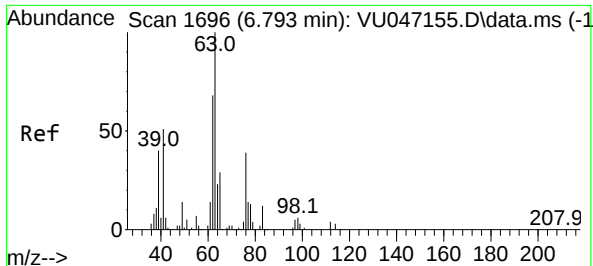
Ion Ratio Lower Upper

83 100

55 0.4 61.9 92.9#

98 1.4 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047181.D

Acq: 17 Feb 2022 01:16

Instrument :

MSVOA_U

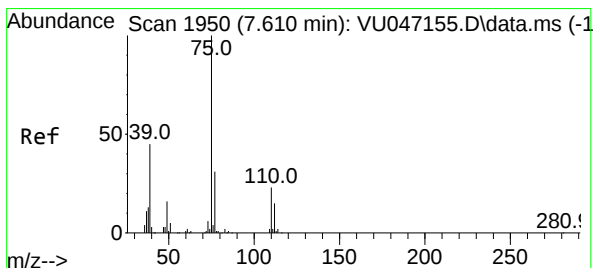
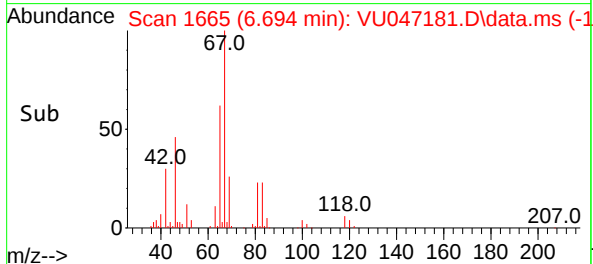
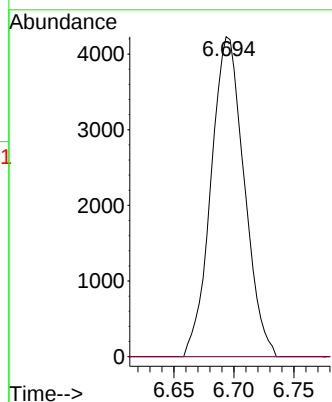
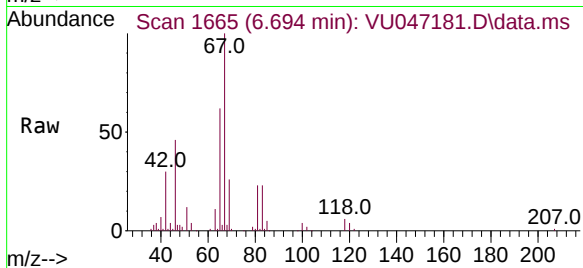
ClientSampleId :

Tgt Ion: 63 Resp: 8136

Ion Ratio Lower Upper

63 100

112 2.6 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047181.D

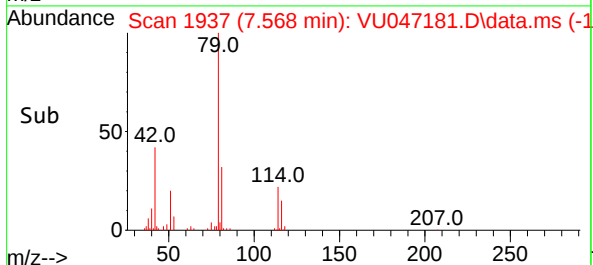
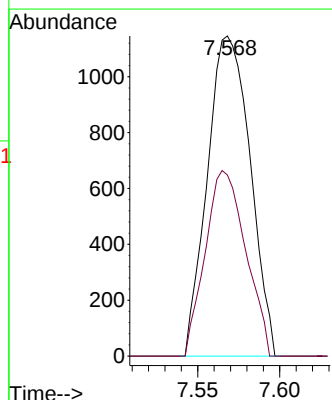
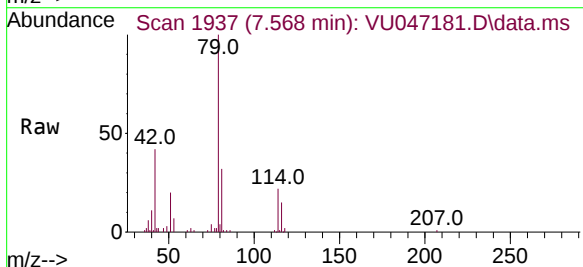
Acq: 17 Feb 2022 01:16

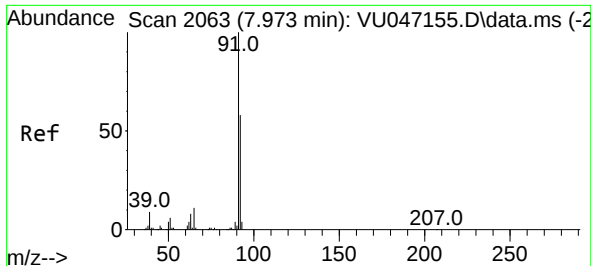
Tgt Ion: 75 Resp: 2076

Ion Ratio Lower Upper

75 100

77 56.5 22.5 41.9#





#42

Toluene

Concen: 0.385 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU047181.D

Acq: 17 Feb 2022 01:16

Instrument :

MSVOA_U

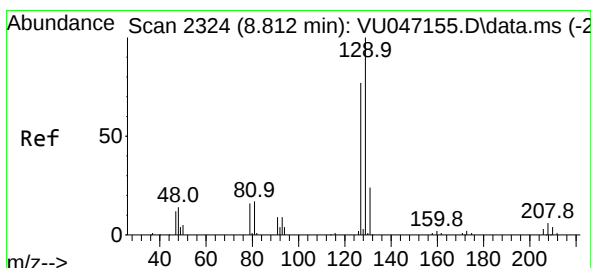
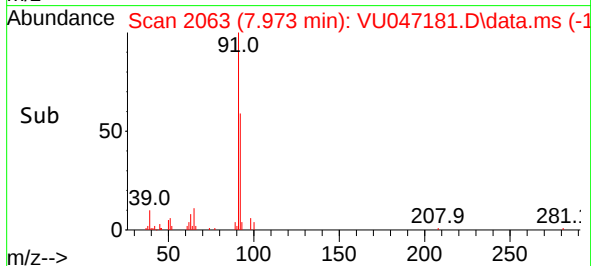
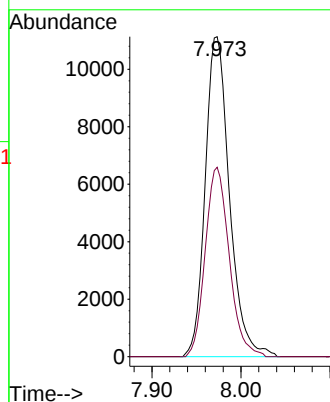
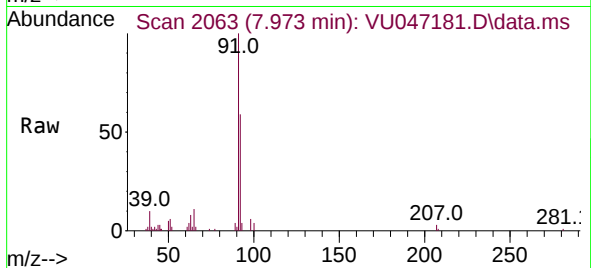
ClientSampleId :

Tgt Ion: 91 Resp: 21071

Ion Ratio Lower Upper

91 100

92 59.2 41.3 76.7



#49

Dibromochloromethane

Concen: 0.072 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.254 min

Lab File: VU047181.D

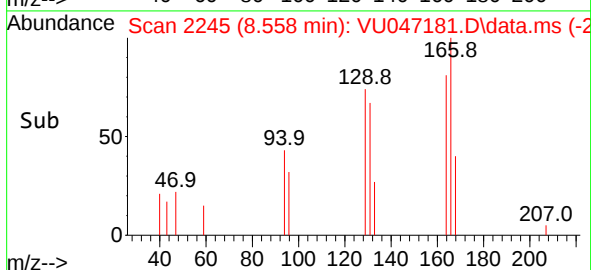
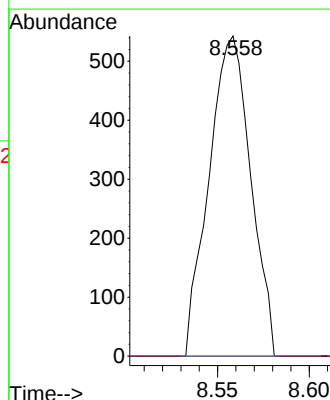
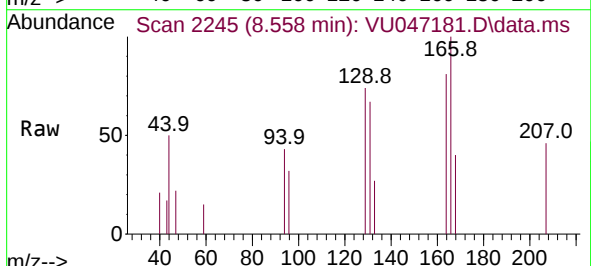
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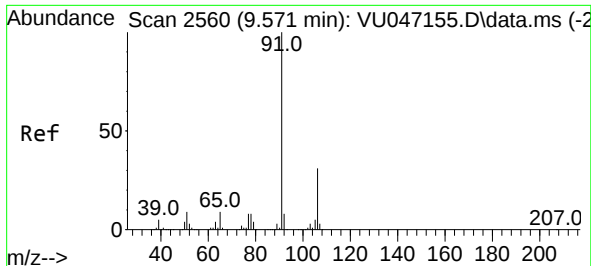
Tgt Ion: 129 Resp: 860

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#

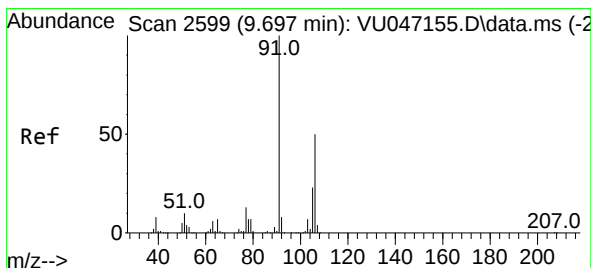
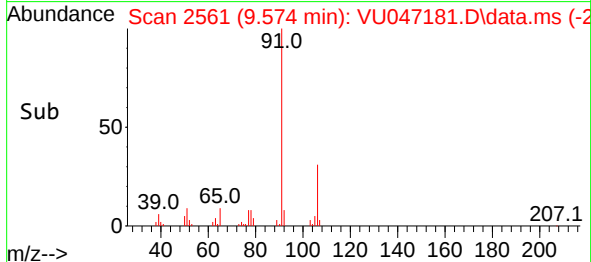
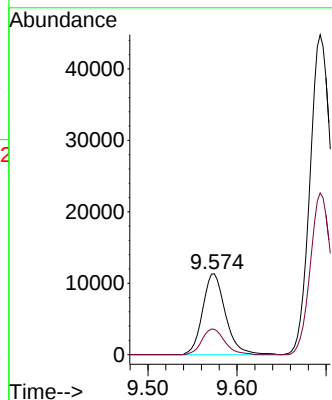
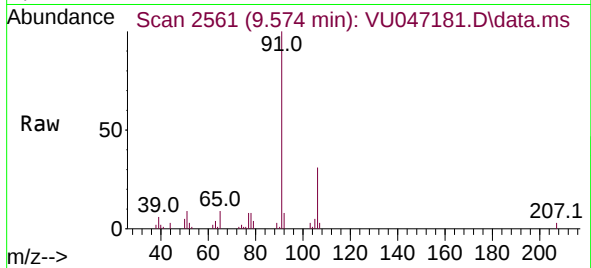




#52
Ethylbenzene
Concen: 0.337 ug/L
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047181.D
Acq: 17 Feb 2022 01:16

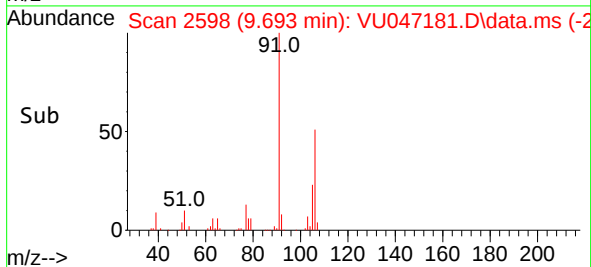
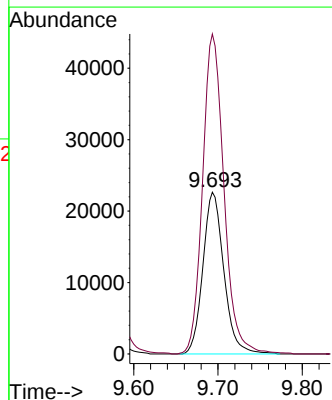
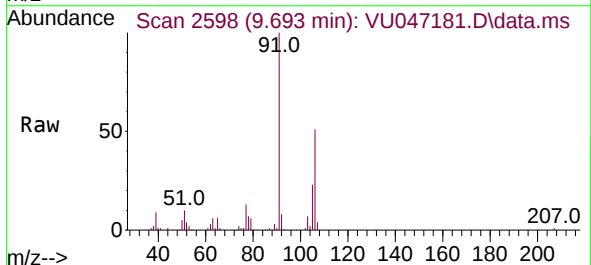
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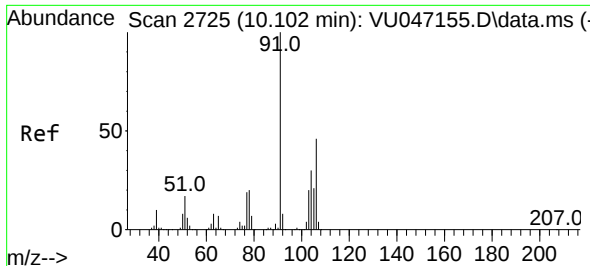
Tgt Ion: 91 Resp: 20232
Ion Ratio Lower Upper
91 100
106 31.4 21.5 39.9



#53
m,p-Xylene
Concen: 1.665 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047181.D
Acq: 17 Feb 2022 01:16

Tgt Ion:106 Resp: 39209
Ion Ratio Lower Upper
106 100
91 197.9 139.4 259.0

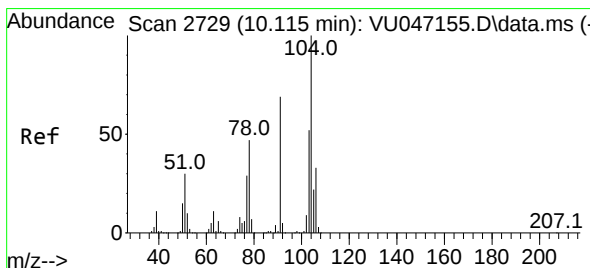
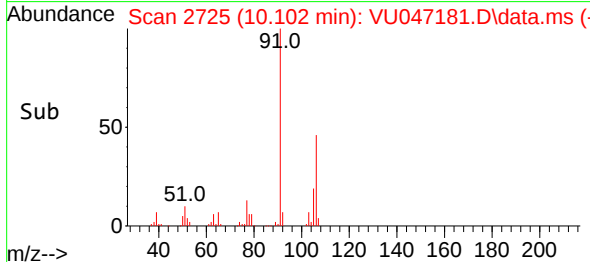
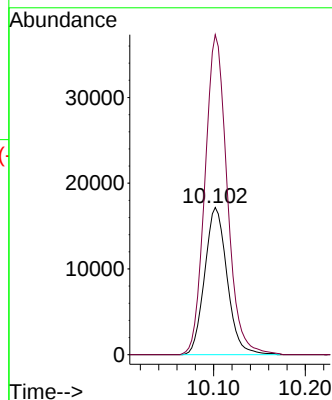
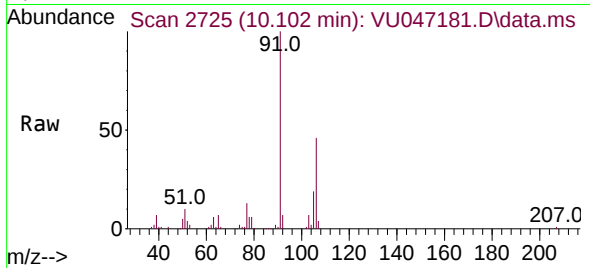




#54
o-Xylene
Concen: 1.275 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047181.D
Acq: 17 Feb 2022 01:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 29248
Ion Ratio Lower Upper
106 100
91 217.3 147.5 273.9



#55
Styrene
Concen: 0.047 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.010 min
Lab File: VU047181.D
Acq: 17 Feb 2022 01:16

Tgt Ion:104 Resp: 1797
Ion Ratio Lower Upper
104 100
78 269.5 33.0 61.4#

