

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047346.D
 Acq On : 04 Mar 2022 21:50
 Operator : SY/MD
 Sample : N1810-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD96

Quant Time: Mar 04 23:26:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

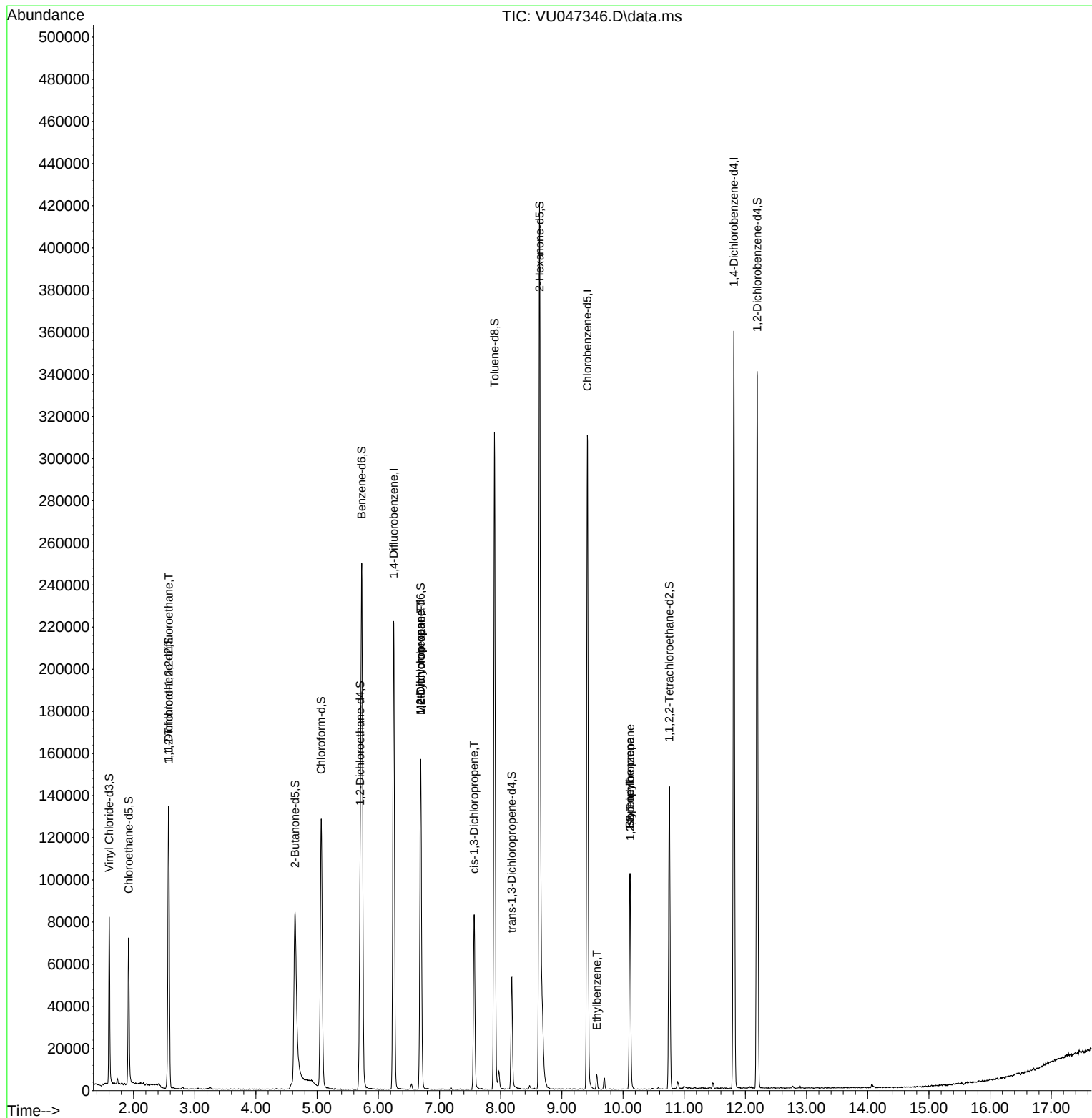
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	192179	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	183095	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	100768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	58215	4.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.919	69	52393	4.604	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.572	65	24646	4.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.639	46	176144	39.336	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.680%
24) Chloroform-d	5.067	84	115384	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.703	65	65287	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.729	84	236583	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.694	67	75541	4.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.899	98	215885	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.182	79	30686	4.348	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.636	63	180639	44.972	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	71238	4.354	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	93572	4.739	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	664	0.072	ug/L #	21
35) Methylcyclohexane	6.694	83	17815	1.070	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	8162	0.796	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1930	0.119	ug/L #	52
52) Ethylbenzene	9.571	91	5188	0.108	ug/L	96
55) Styrene	10.115	104	51579	1.657	ug/L	90
60) Isopropylbenzene	10.115	105	4871	0.108	ug/L #	1
61) 1,2,3-Trichloropropane	10.118	75	2038	0.244	ug/L #	1

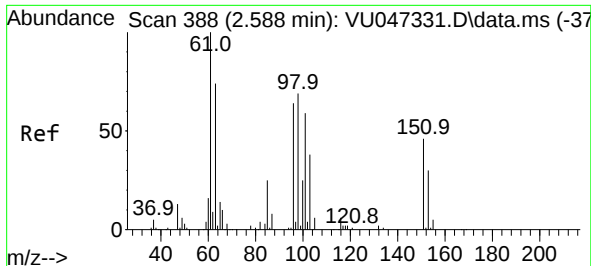
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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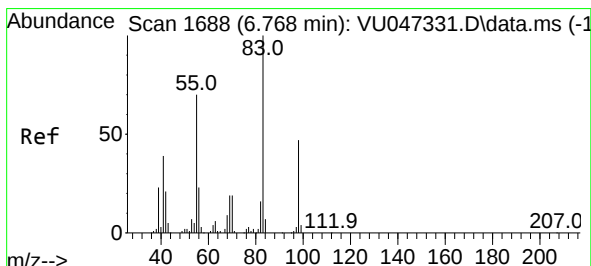
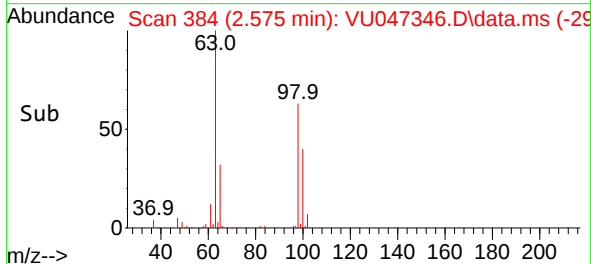
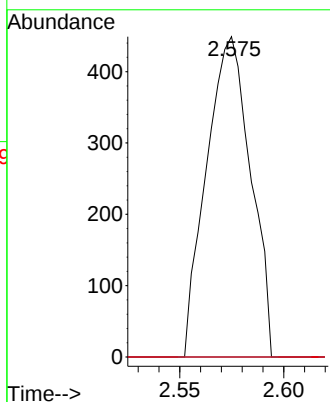
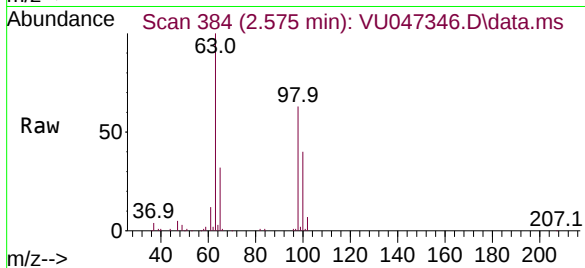




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.072 ug/L
RT: 2.575 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU047346.D
Acq: 04 Mar 2022 21:50

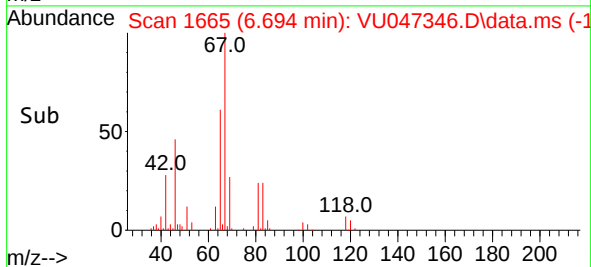
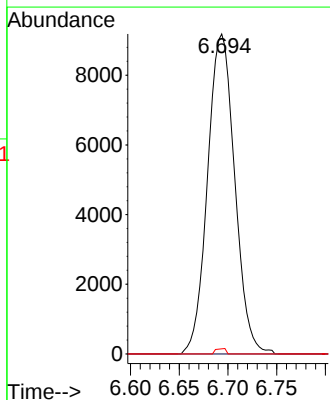
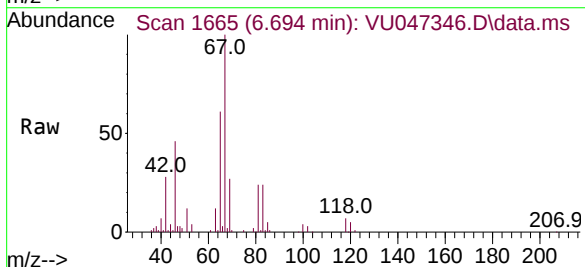
Instrument :
MSVOA_U
ClientSampleId :
GBD96

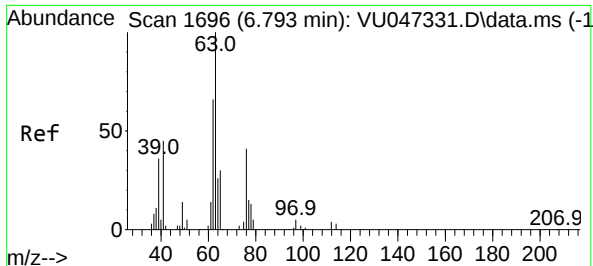
Tgt Ion:101 Resp: 664
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#35
Methylcyclohexane
Concen: 1.070 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047346.D
Acq: 04 Mar 2022 21:50

Tgt Ion: 83 Resp: 17815
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.6 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.796 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047346.D

Acq: 04 Mar 2022 21:50

Instrument :

MSVOA_U

ClientSampleId :

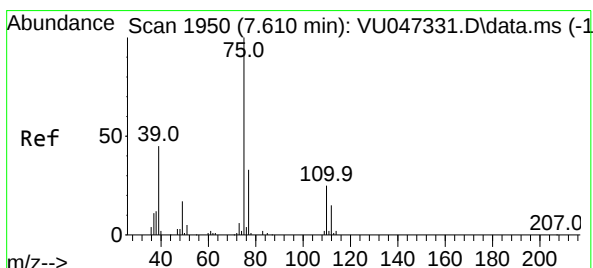
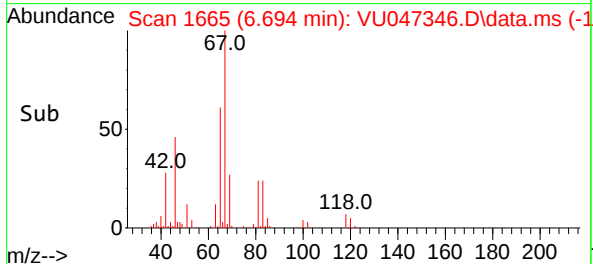
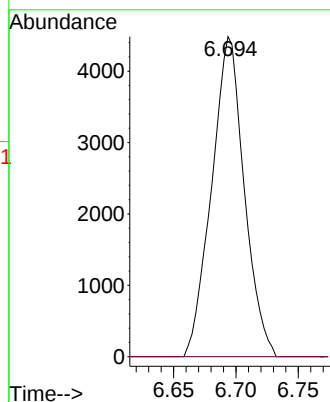
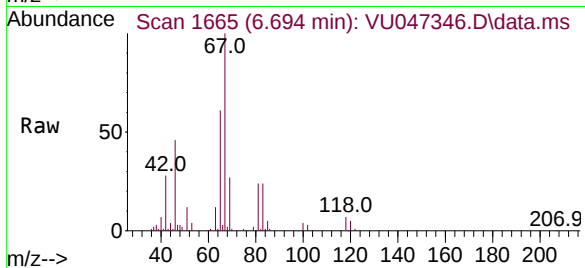
GBD96

Tgt Ion: 63 Resp: 8162

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU047346.D

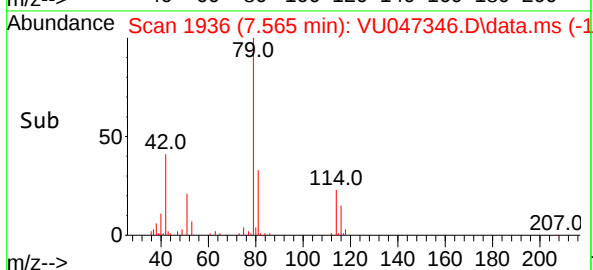
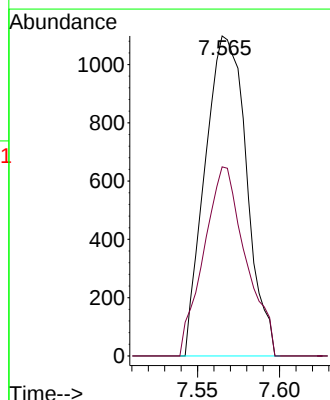
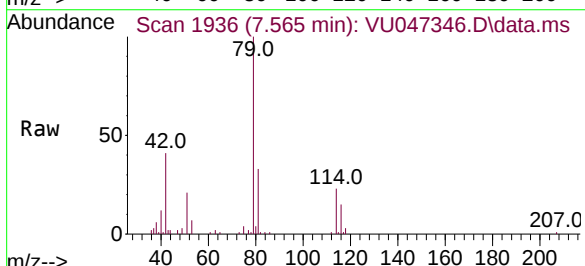
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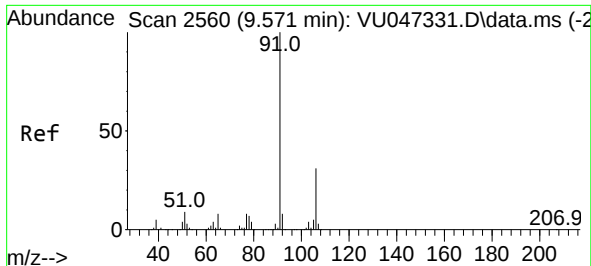
Tgt Ion: 75 Resp: 1930

Ion Ratio Lower Upper

75 100

77 59.1 22.5 41.9#

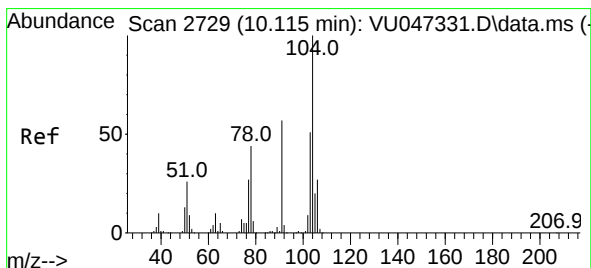
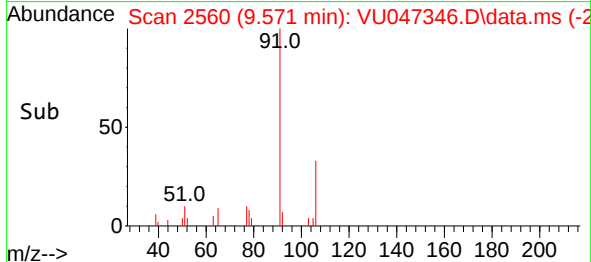
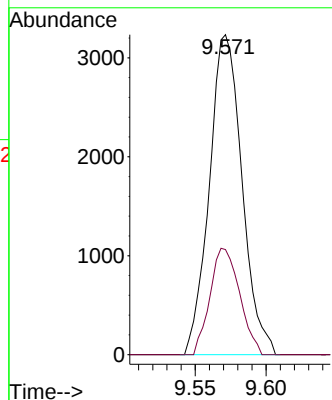
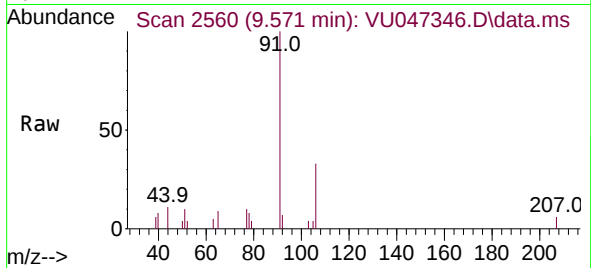




#52
Ethylbenzene
Concen: 0.108 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047346.D
Acq: 04 Mar 2022 21:50

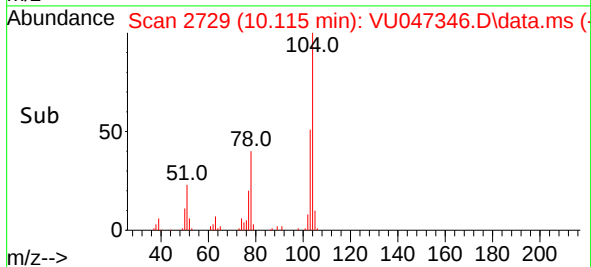
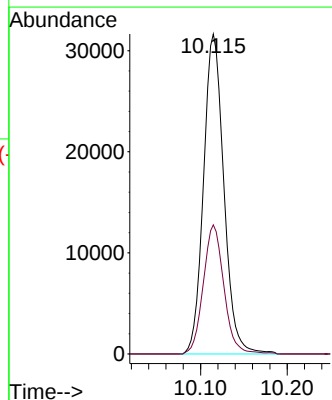
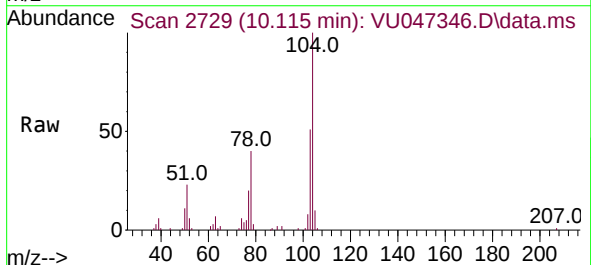
Instrument :
MSVOA_U
ClientSampleId :
GBD96

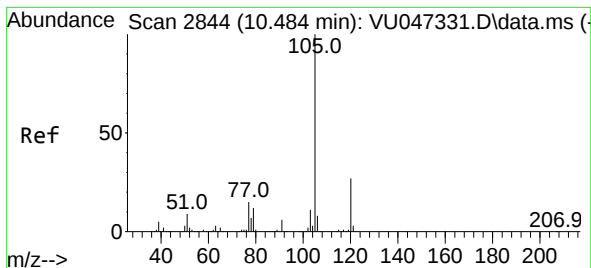
Tgt Ion: 91 Resp: 5188
Ion Ratio Lower Upper
91 100
106 32.8 21.5 39.9



#55
Styrene
Concen: 1.657 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047346.D
Acq: 04 Mar 2022 21:50

Tgt Ion: 104 Resp: 51579
Ion Ratio Lower Upper
104 100
78 40.3 33.0 61.4





#60

Isopropylbenzene

Concen: 0.108 ug/L

RT: 10.115 min Scan# 21

Delta R.T. -0.370 min

Lab File: VU047346.D

Acq: 04 Mar 2022 21:50

Instrument :

MSVOA_U

ClientSampleId :

GBD96

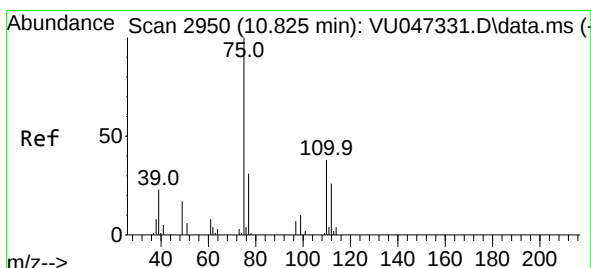
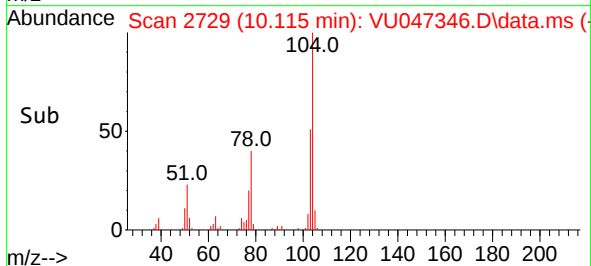
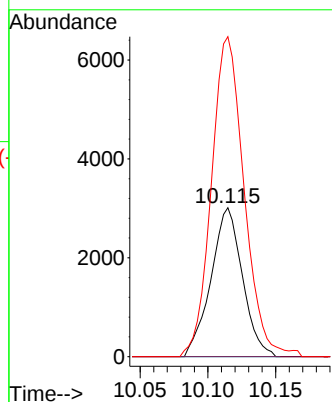
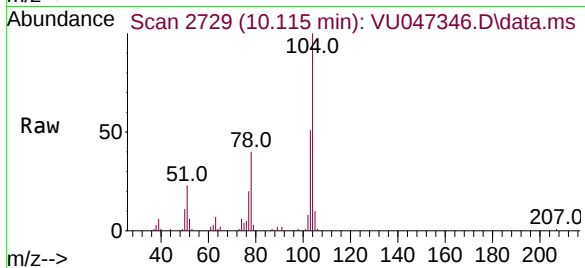
Tgt Ion:105 Resp: 4871

Ion Ratio Lower Upper

105 100

120 0.0 20.7 31.1#

77 223.0 12.6 19.0#



#61

1,2,3-Trichloropropane

Concen: 0.244 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.707 min

Lab File: VU047346.D

Acq: 04 Mar 2022 21:50

Tgt Ion: 75 Resp: 2038

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 533.1 25.5 38.3#

