

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062223\
 Data File : VU054654.D
 Acq On : 22 Jun 2023 14:24
 Operator : MD/SY
 Sample : 03326-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA36

Quant Time: Jun 23 04:34:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

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

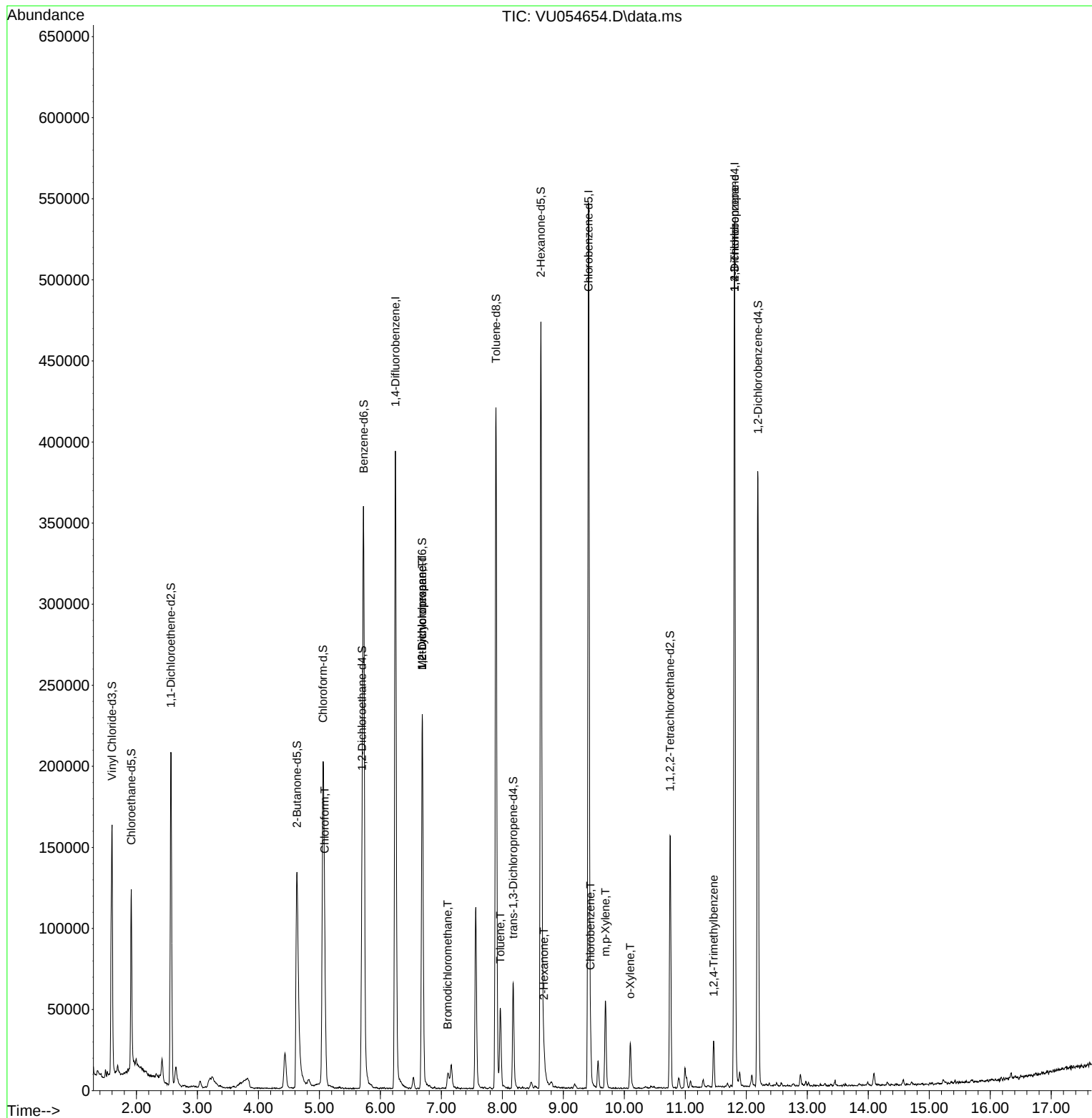
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	313731	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	299091	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	138818	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	103342	5.176	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.600%
7) Chloroethane-d5	1.914	69	82865	4.433	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.564	65	40558	4.548	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.631	46	240174	42.784	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.560%
24) Chloroform-d	5.059	84	170674	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.698	65	86141	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.724	84	336593	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.686	67	113879	4.101	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.895	98	278761	3.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	8.177	79	38413	3.978	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.631	63	157137	38.791	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.580%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82932	4.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	98331	4.200	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						Qvalue
25) Chloroform	5.084	83	67421	1.407	ug/L	99
35) Methylcyclohexane	6.686	83	25195	0.586	ug/L #	16
37) 1,2-Dichloropropane	6.686	63	12049	0.415	ug/L #	91
38) Bromodichloromethane	7.104	83	5067	0.154	ug/L #	87
42) Toluene	7.965	91	36215	0.327	ug/L	97
48) 2-Hexanone	8.682	43	7422	0.642	ug/L #	37
51) Chlorobenzene	9.444	112	11397	0.165	ug/L	98
53) m,p-Xylene	9.689	106	15216	0.343	ug/L	99
54) o-Xylene	10.097	106	7228	0.168	ug/L	100
61) 1,2,3-Trichloropropane	11.808	75	17892	1.275	ug/L #	70
63) 1,2,4-Trimethylbenzene	11.464	105	15186	0.180	ug/L	99

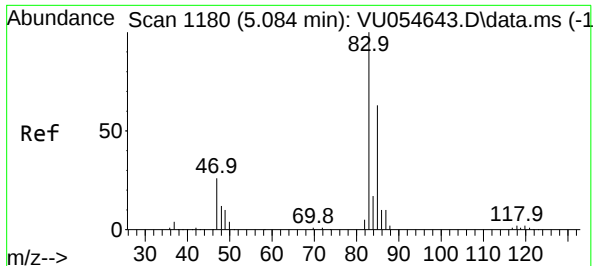
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 23 04:31:37 2023
Response via : Initial Calibration





#25

Chloroform

Concen: 1.407 ug/L

RT: 5.084 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054654.D

Acq: 22 Jun 2023 14:24

Instrument :

MSVOA_U

ClientSampleId :

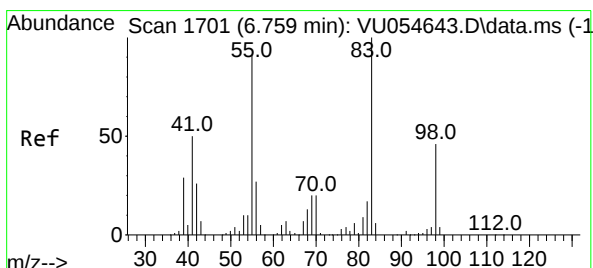
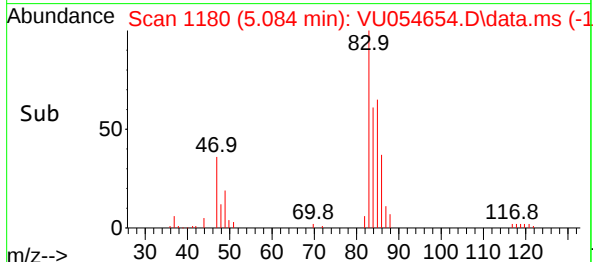
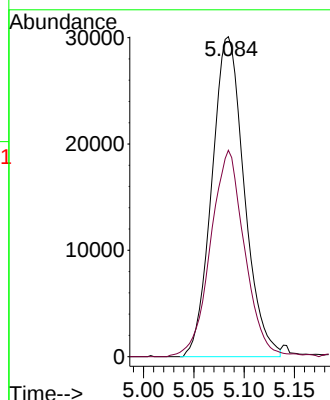
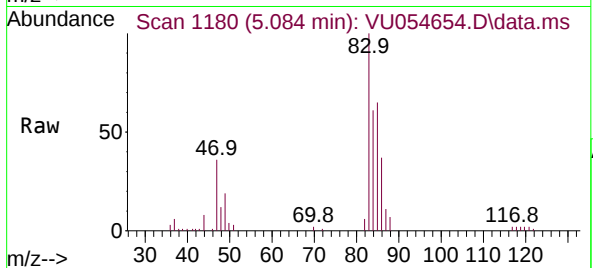
GCA36

Tgt Ion: 83 Resp: 67421

Ion Ratio Lower Upper

83 100

85 64.5 44.7 82.9



#35

Methylcyclohexane

Concen: 0.586 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU054654.D

Acq: 22 Jun 2023 14:24

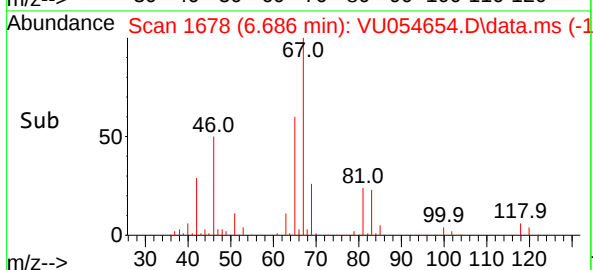
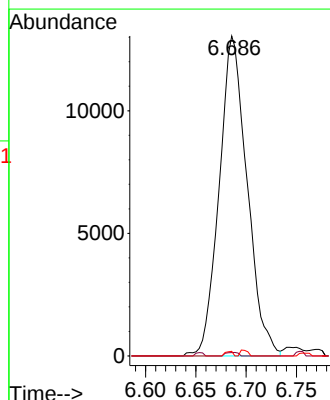
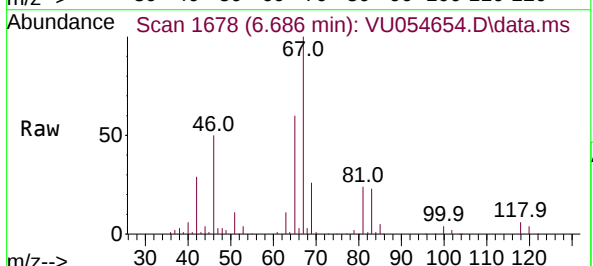
Tgt Ion: 83 Resp: 25195

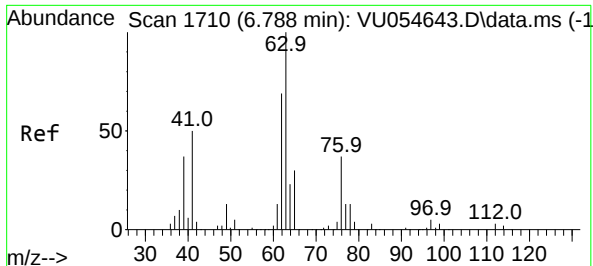
Ion Ratio Lower Upper

83 100

55 0.5 67.1 100.7#

98 0.4 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.415 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU054654.D

Acq: 22 Jun 2023 14:24

Instrument :

MSVOA_U

ClientSampleId :

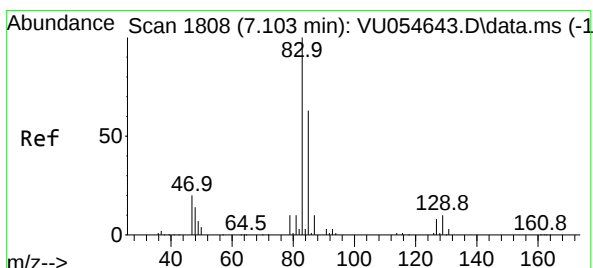
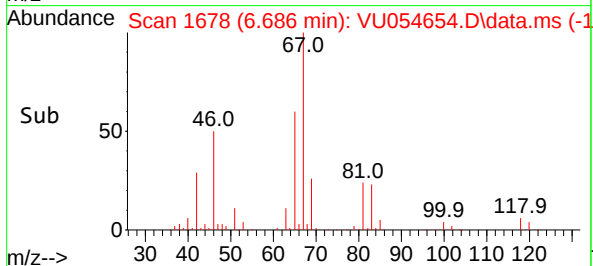
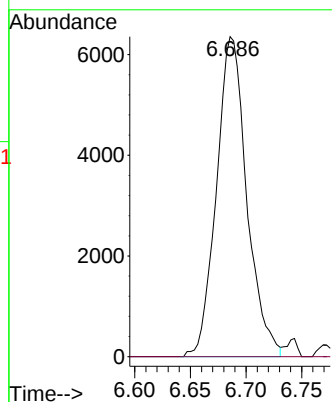
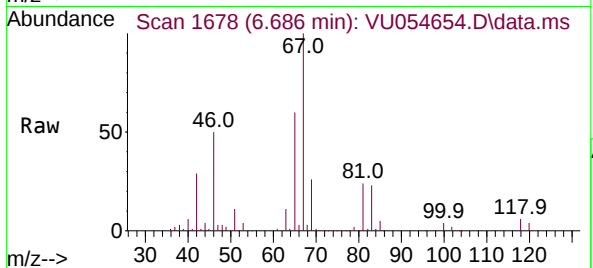
GCA36

Tgt Ion: 63 Resp: 12049

Ion Ratio Lower Upper

63 100

112 0.9 3.0 4.6#



#38

Bromodichloromethane

Concen: 0.154 ug/L

RT: 7.104 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU054654.D

Acq: 22 Jun 2023 14:24

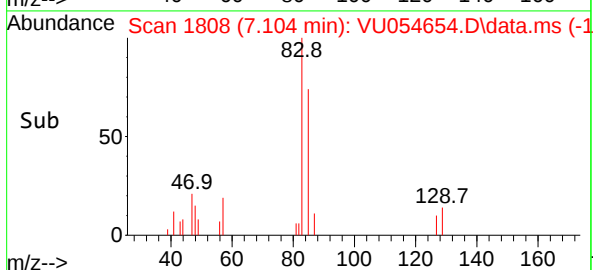
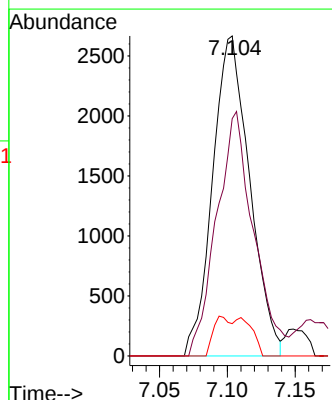
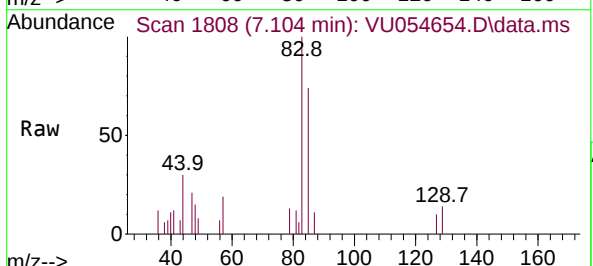
Tgt Ion: 83 Resp: 5067

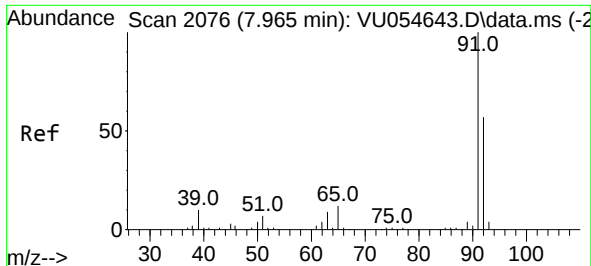
Ion Ratio Lower Upper

83 100

85 74.1 44.1 81.9

127 10.1 6.6 10.0#





#42

Toluene

Concen: 0.327 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054654.D

Acq: 22 Jun 2023 14:24

Instrument :

MSVOA_U

ClientSampleId :

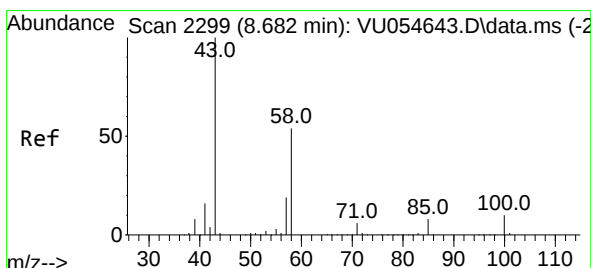
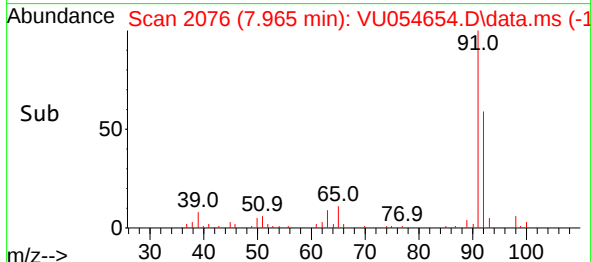
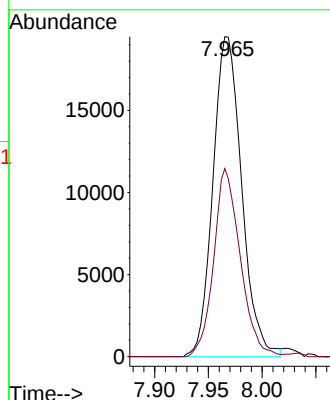
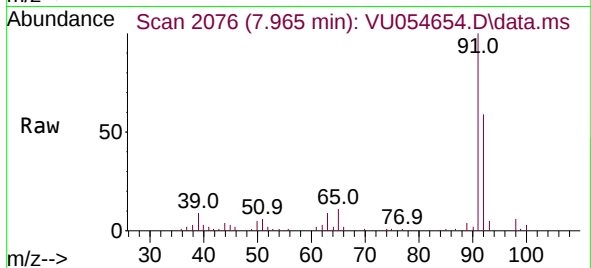
GCA36

Tgt Ion: 91 Resp: 36215

Ion Ratio Lower Upper

91 100

92 58.8 39.5 73.4



#48

2-Hexanone

Concen: 0.642 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054654.D

Acq: 22 Jun 2023 14:24

Tgt Ion: 43 Resp: 7422

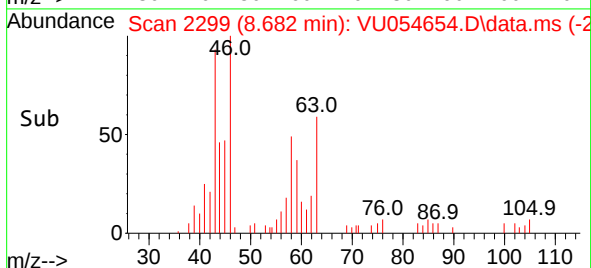
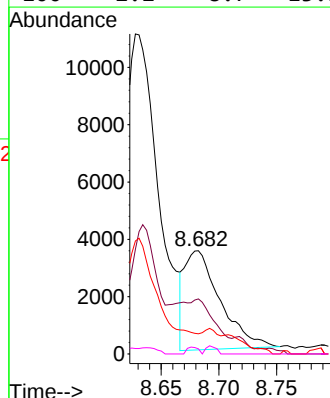
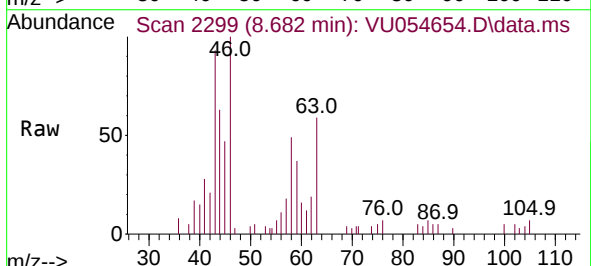
Ion Ratio Lower Upper

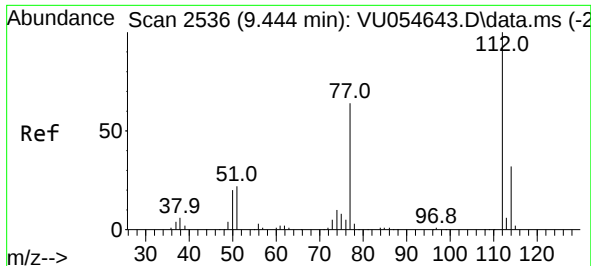
43 100

58 0.0 45.2 67.8#

57 0.0 15.8 23.6#

100 2.2 8.7 13.1#

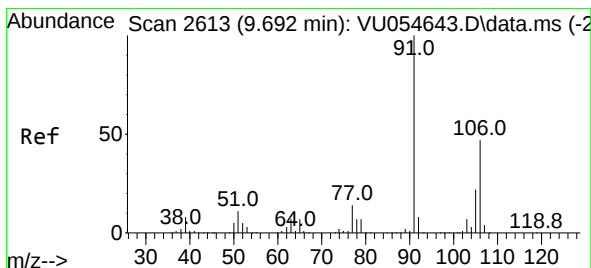
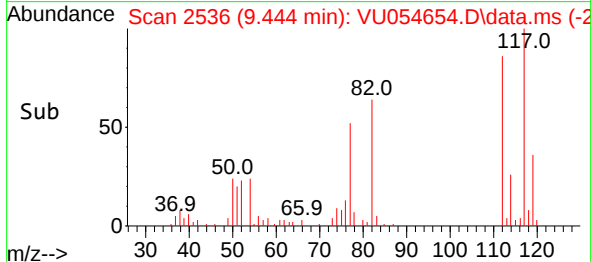
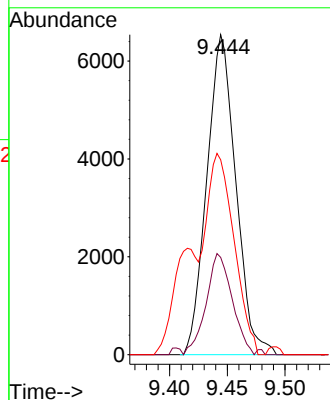
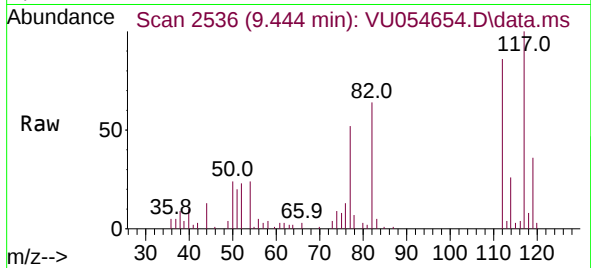




#51
Chlorobenzene
Concen: 0.165 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054654.D
Acq: 22 Jun 2023 14:24

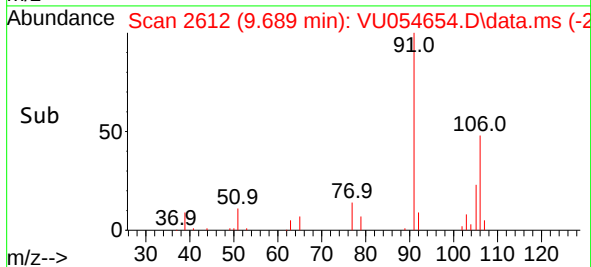
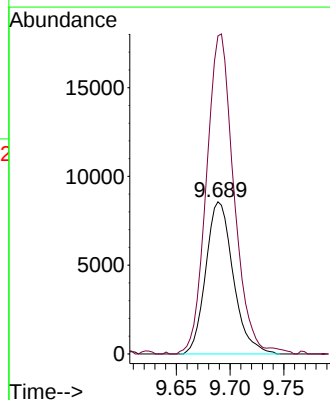
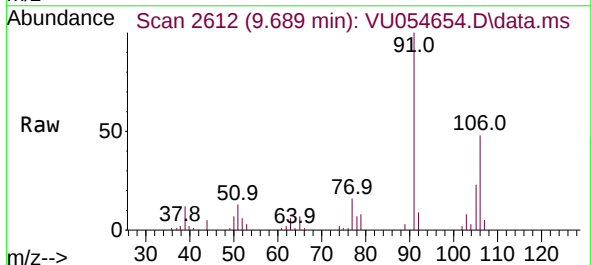
Instrument :
MSVOA_U
ClientSampleId :
GCA36

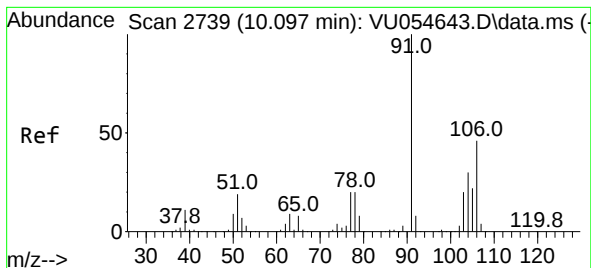
Tgt Ion:112 Resp: 11397
Ion Ratio Lower Upper
112 100
114 30.4 22.7 42.1
77 60.9 49.8 74.8



#53
m,p-Xylene
Concen: 0.343 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU054654.D
Acq: 22 Jun 2023 14:24

Tgt Ion:106 Resp: 15216
Ion Ratio Lower Upper
106 100
91 209.0 147.0 273.0





#54

o-Xylene

Concen: 0.168 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054654.D

Acq: 22 Jun 2023 14:24

Instrument :

MSVOA_U

ClientSampleId :

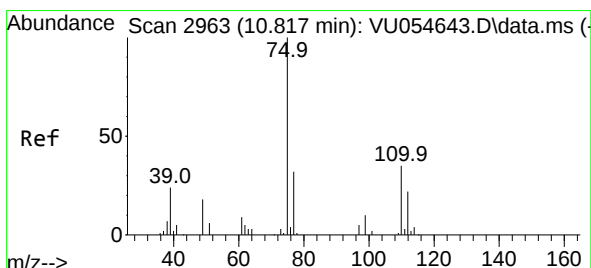
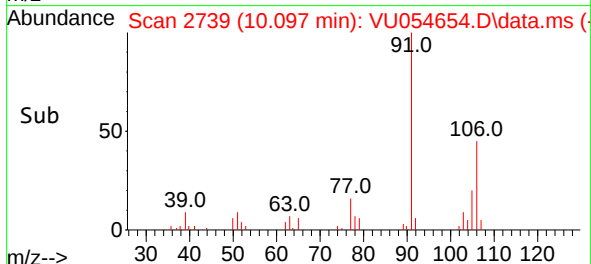
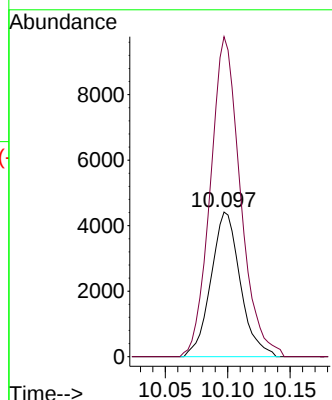
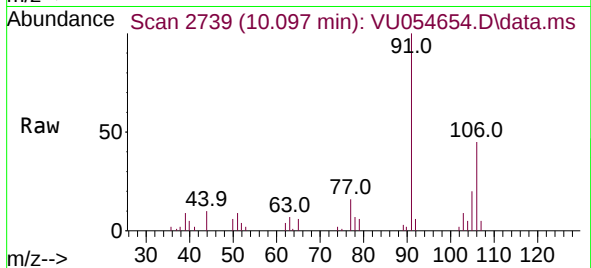
GCA36

Tgt Ion:106 Resp: 7228

Ion Ratio Lower Upper

106 100

91 221.3 154.5 286.9



#61

1,2,3-Trichloropropane

Concen: 1.275 ug/L

RT: 11.808 min Scan# 3271

Delta R.T. 0.991 min

Lab File: VU054654.D

Acq: 22 Jun 2023 14:24

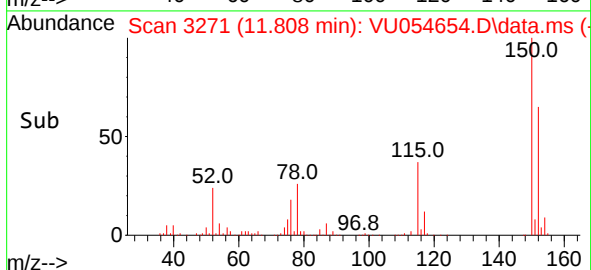
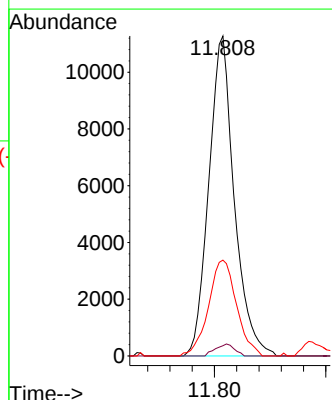
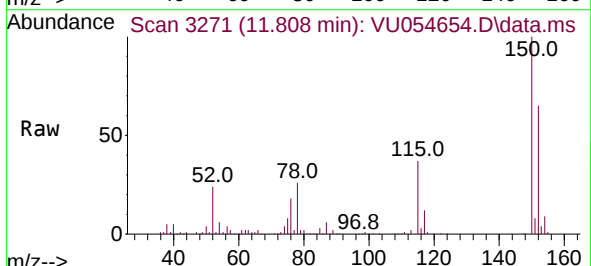
Tgt Ion: 75 Resp: 17892

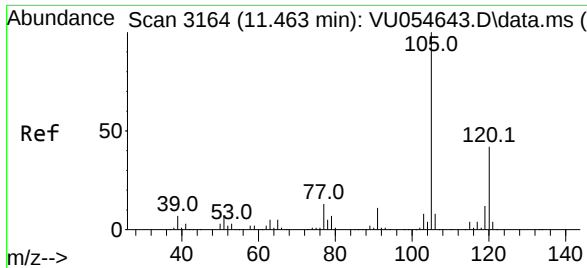
Ion Ratio Lower Upper

75 100

110 2.8 28.0 42.0#

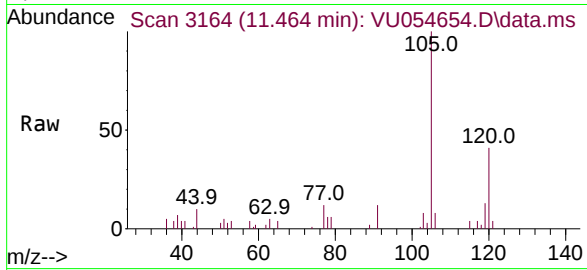
77 33.0 25.4 38.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.180 ug/L
 RT: 11.464 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU054654.D
 Acq: 22 Jun 2023 14:24

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA36



Tgt Ion:105 Resp: 15186
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.4 53.0

