

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
 Data File : VU059440.D
 Acq On : 24 Jun 2024 11:29
 Operator : MD/SY
 Sample : P3037-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 24 12:45:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:01:31 2024
 Response via : Initial Calibration

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

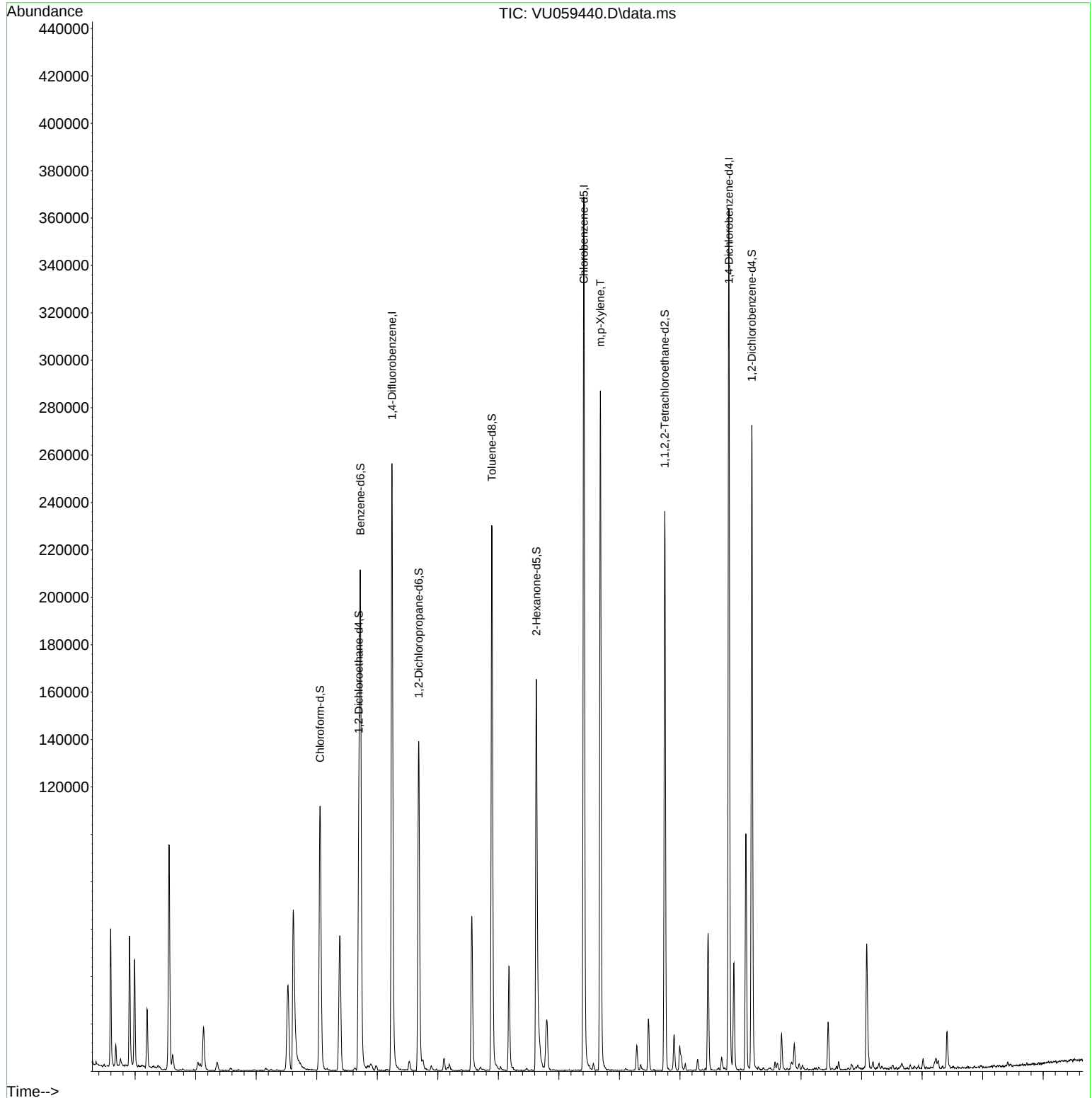
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	212947	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	217462	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	101114	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40576	31.824	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.640%		
7) Chloroethane-d5	1.908	69	43576	39.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.800%		
11) 1,1-Dichloroethene-d2	2.560	63	55739	22.148	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	44.300%#		
21) 2-Butanone-d5	4.612	46	99751	83.003	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.000%		
24) Chloroform-d	5.055	84	108053	42.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.140%		
26) 1,2-Dichloroethane-d4	5.695	65	69375	44.595	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.180%		
32) Benzene-d6	5.721	84	199808	40.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.060%		
36) 1,2-Dichloropropane-d6	6.686	67	68950	40.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.140%		
41) Toluene-d8	7.891	98	165719	39.113	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.220%#		
43) trans-1,3-Dichloroprop...	8.174	79	26851	38.600	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.200%		
47) 2-Hexanone-d5	8.628	63	58555	73.580	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.580%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	121321	41.655	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.300%		
66) 1,2-Dichlorobenzene-d4	12.187	152	76352	50.599	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.200%		
Target Compounds					Qvalue	
13) Acetone	2.621	43	7372	5.219	ug/L	93
29) Cyclohexane	5.380	56	25151	8.663	ug/L	89
38) Bromodichloromethane	7.104	83	4016	1.546	ug/L	97
49) Dibromochloromethane	8.804	129	8263	4.561	ug/L	99
53) m,p-Xylene	9.685	106	81907	27.426	ug/L	92
59) Bromoform	10.287	173	4854	3.661	ug/L #	90
61) Isopropylbenzene	10.480	105	13939	1.959	ug/L	97
62) 1,3,5-Trimethylbenzene	11.464	105	31609	6.133	ug/L	100
63) 1,2,4-Trimethylbenzene	11.464	105	31609	5.657	ug/L	95
71) Naphthalene	14.084	128	47479	8.553	ug/L	99

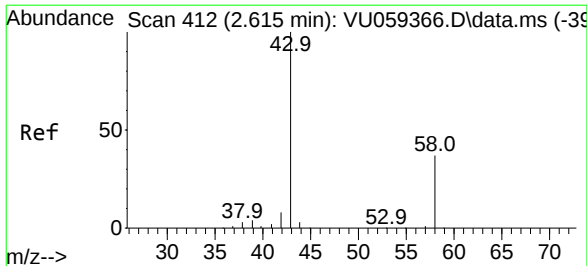
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:01:31 2024
Response via : Initial Calibration





#13

Acetone

Concen: 5.219 ug/L

RT: 2.621 min Scan# 41

Delta R.T. 0.007 min

Lab File: VU059440.D

Acq: 24 Jun 2024 11:29

Instrument :

MSVOA_U

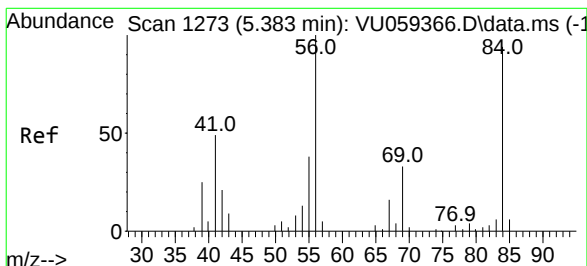
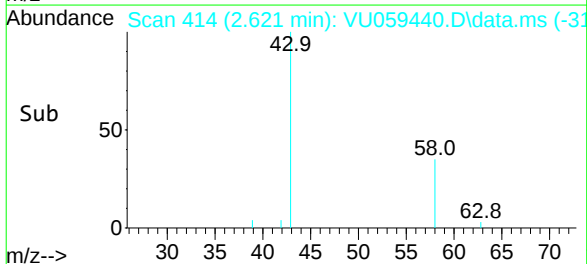
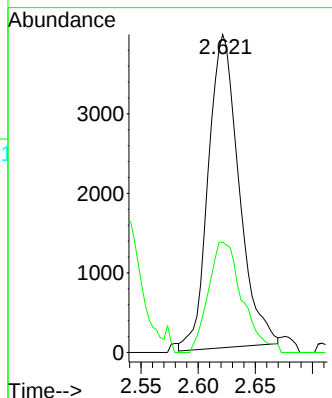
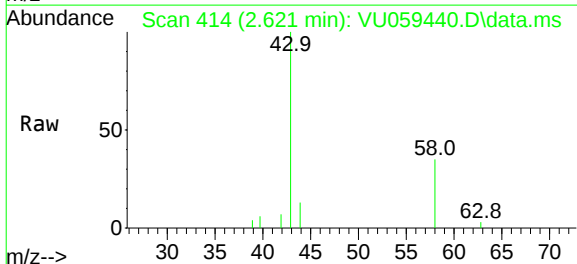
ClientSampleId :

Tgt Ion: 43 Resp: 7372

Ion Ratio Lower Upper

43 100

58 38.3 0.0 68.8



#29

Cyclohexane

Concen: 8.663 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU059440.D

Acq: 24 Jun 2024 11:29

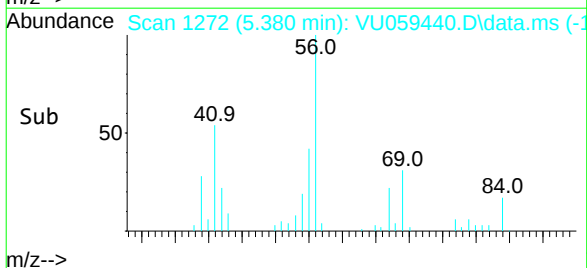
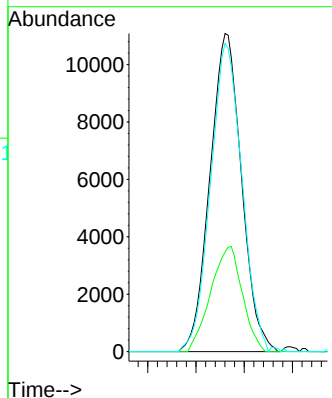
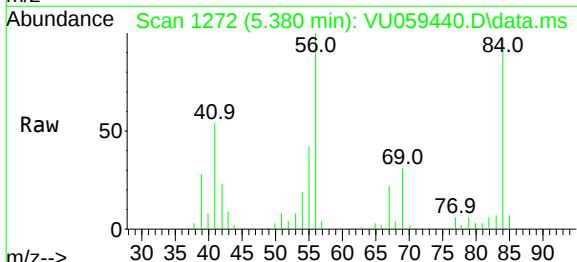
Tgt Ion: 56 Resp: 25151

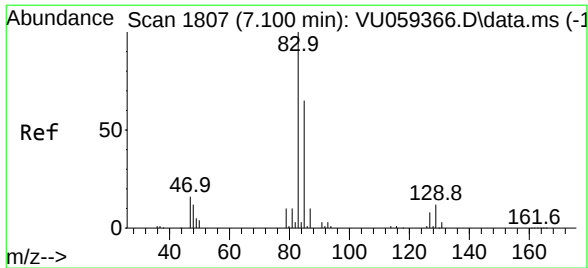
Ion Ratio Lower Upper

56 100

69 33.0 24.6 37.0

84 96.2 67.4 101.0

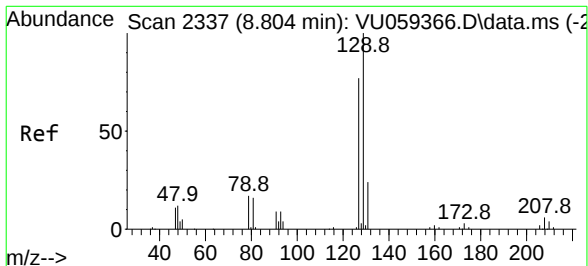
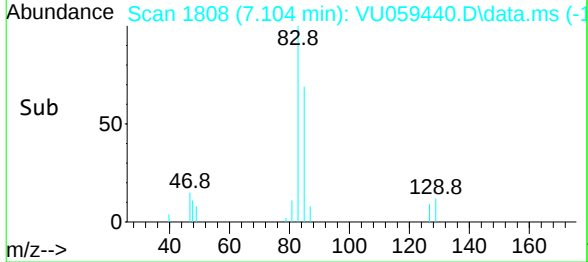
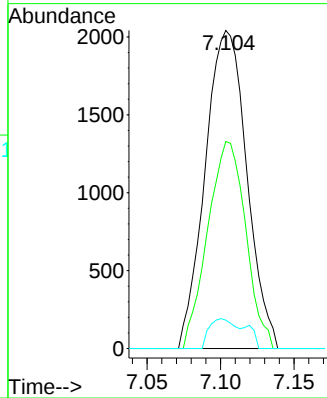
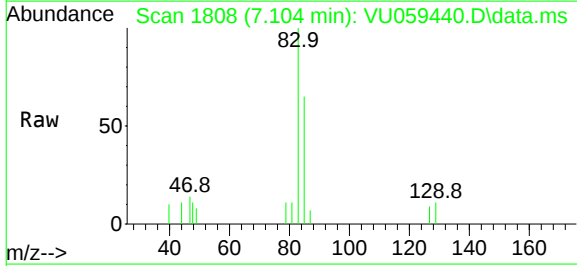




#38
Bromodichloromethane
Concen: 1.546 ug/L
RT: 7.104 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU059440.D
Acq: 24 Jun 2024 11:29

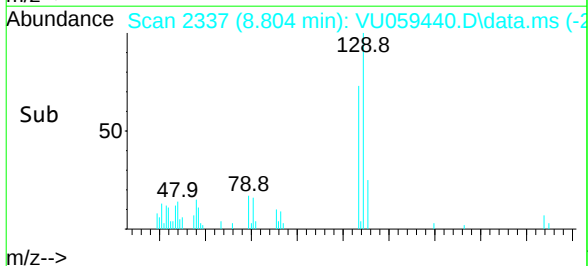
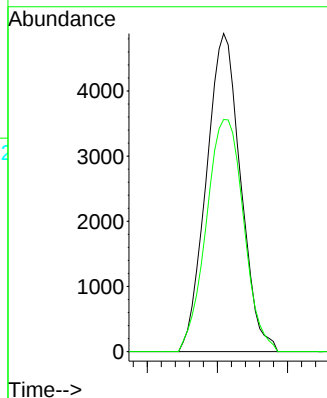
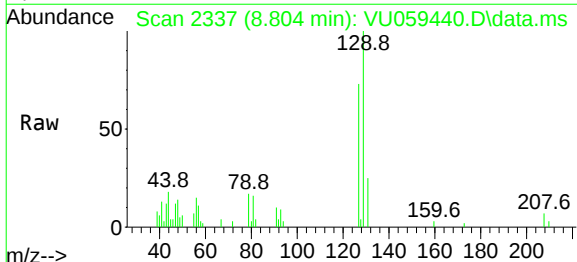
Instrument :
MSVOA_U
ClientSampleId :

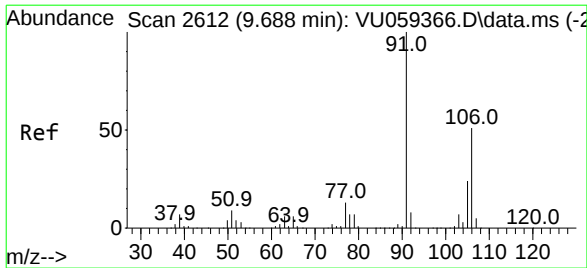
Tgt Ion:	83	Resp:	4016
Ion	Ratio	Lower	Upper
83	100		
85	65.1	44.0	81.6
127	8.9	7.0	10.6



#49
Dibromochloromethane
Concen: 4.561 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059440.D
Acq: 24 Jun 2024 11:29

Tgt Ion:	129	Resp:	8263
Ion	Ratio	Lower	Upper
129	100		
127	76.8	53.3	98.9





#53

m,p-Xylene

Concen: 27.426 ug/L

RT: 9.685 min Scan# 2612

Delta R.T. -0.003 min

Lab File: VU059440.D

Acq: 24 Jun 2024 11:29

Instrument :

MSVOA_U

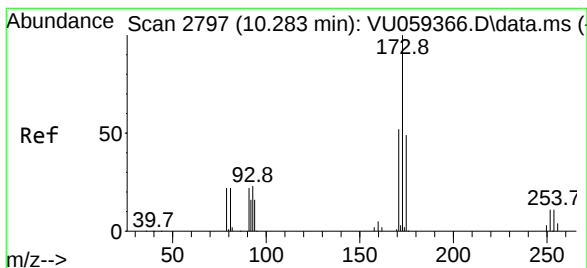
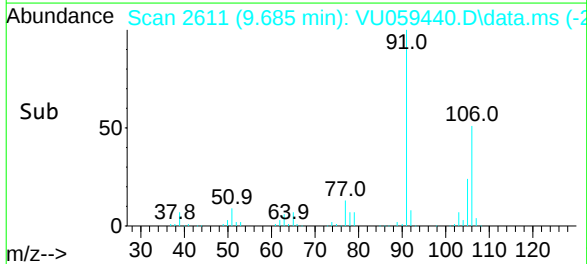
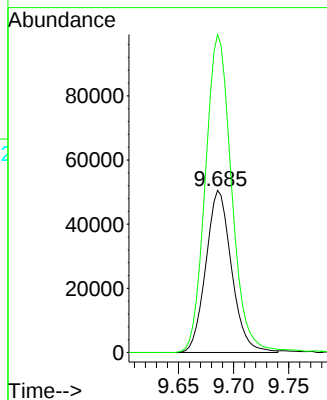
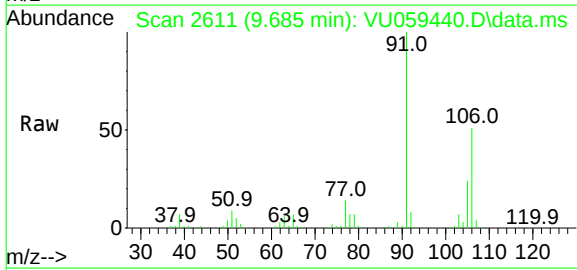
ClientSampleId :

Tgt Ion:106 Resp: 81907

Ion Ratio Lower Upper

106 100

91 196.2 146.4 272.0



#59

Bromoform

Concen: 3.661 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU059440.D

Acq: 24 Jun 2024 11:29

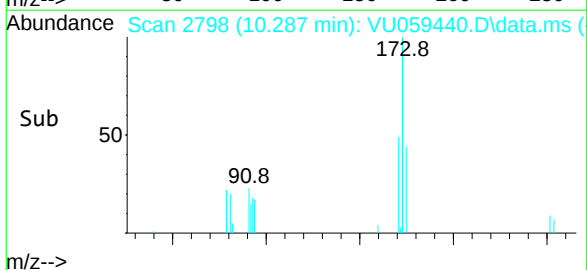
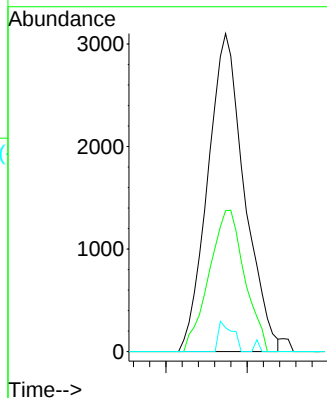
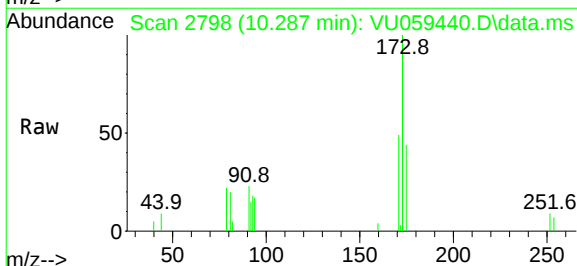
Tgt Ion:173 Resp: 4854

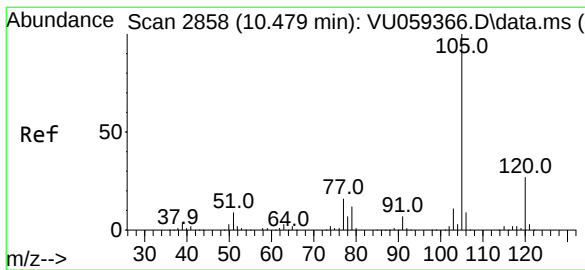
Ion Ratio Lower Upper

173 100

175 43.2 39.0 58.6

254 2.9 7.5 11.3#





#61

Isopropylbenzene

Concen: 1.959 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059440.D

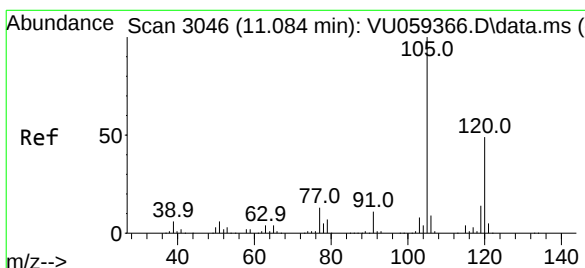
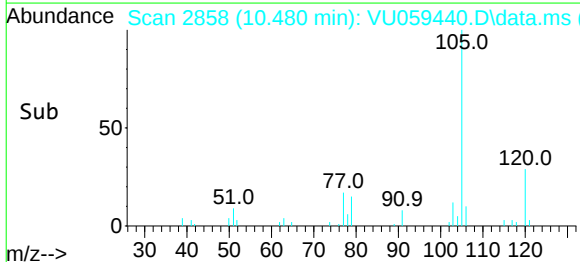
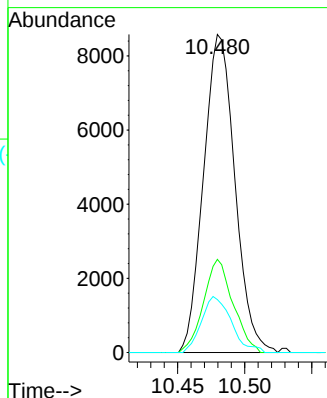
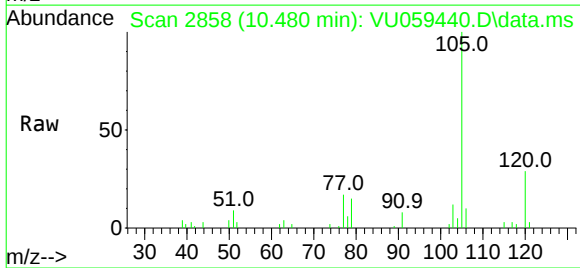
Acq: 24 Jun 2024 11:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	13939
Ion Ratio	Lower	Upper	
105	100		
120	27.5	20.3	30.5
77	16.8	13.4	20.0



#62

1,3,5-Trimethylbenzene

Concen: 6.133 ug/L

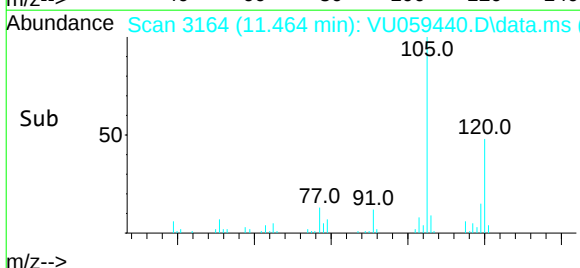
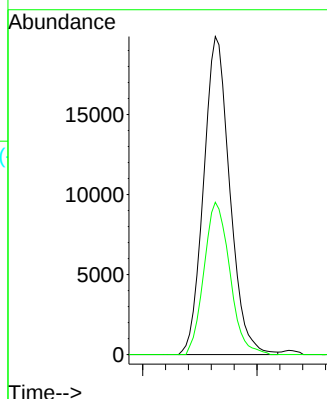
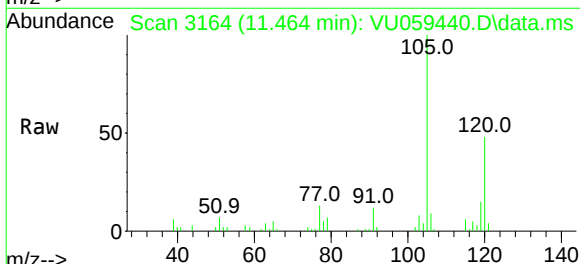
RT: 11.464 min Scan# 3164

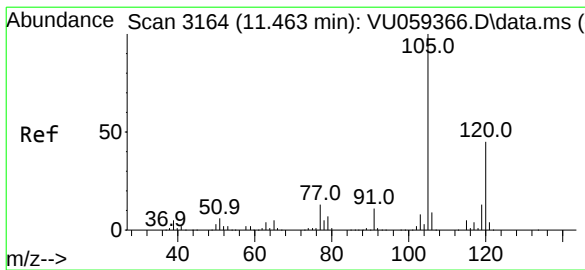
Delta R.T. 0.380 min

Lab File: VU059440.D

Acq: 24 Jun 2024 11:29

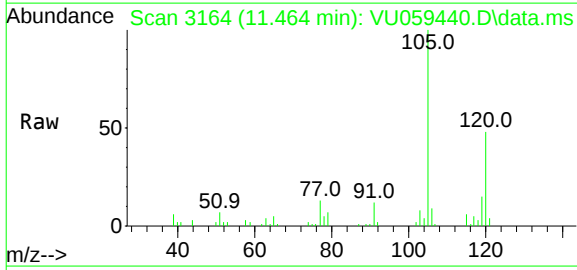
Tgt Ion:	105	Resp:	31609
Ion Ratio	Lower	Upper	
105	100		
120	47.2	37.8	56.8



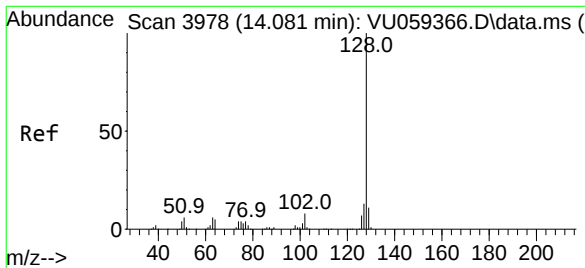
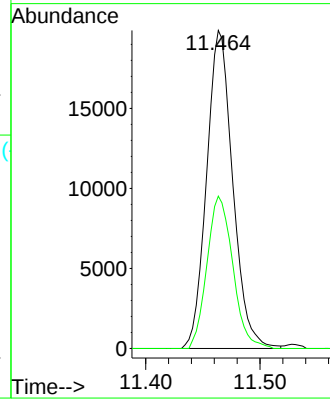
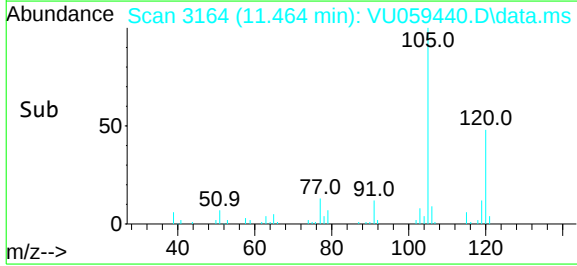


#63
1,2,4-Trimethylbenzene
Concen: 5.657 ug/L
RT: 11.464 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059440.D
Acq: 24 Jun 2024 11:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:105 Resp: 31609
Ion Ratio Lower Upper
105 100
120 47.2 35.0 52.6



#71
Naphthalene
Concen: 8.553 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU059440.D
Acq: 24 Jun 2024 11:29

Tgt Ion:128 Resp: 47479
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.1 8.5 12.7

