

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060198.D
 Acq On : 26 Jul 2024 02:13
 Operator : MD/SY
 Sample : P3370-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E08H4

Quant Time: Jul 26 05:11:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 04:34:35 2024
 Response via : Initial Calibration

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

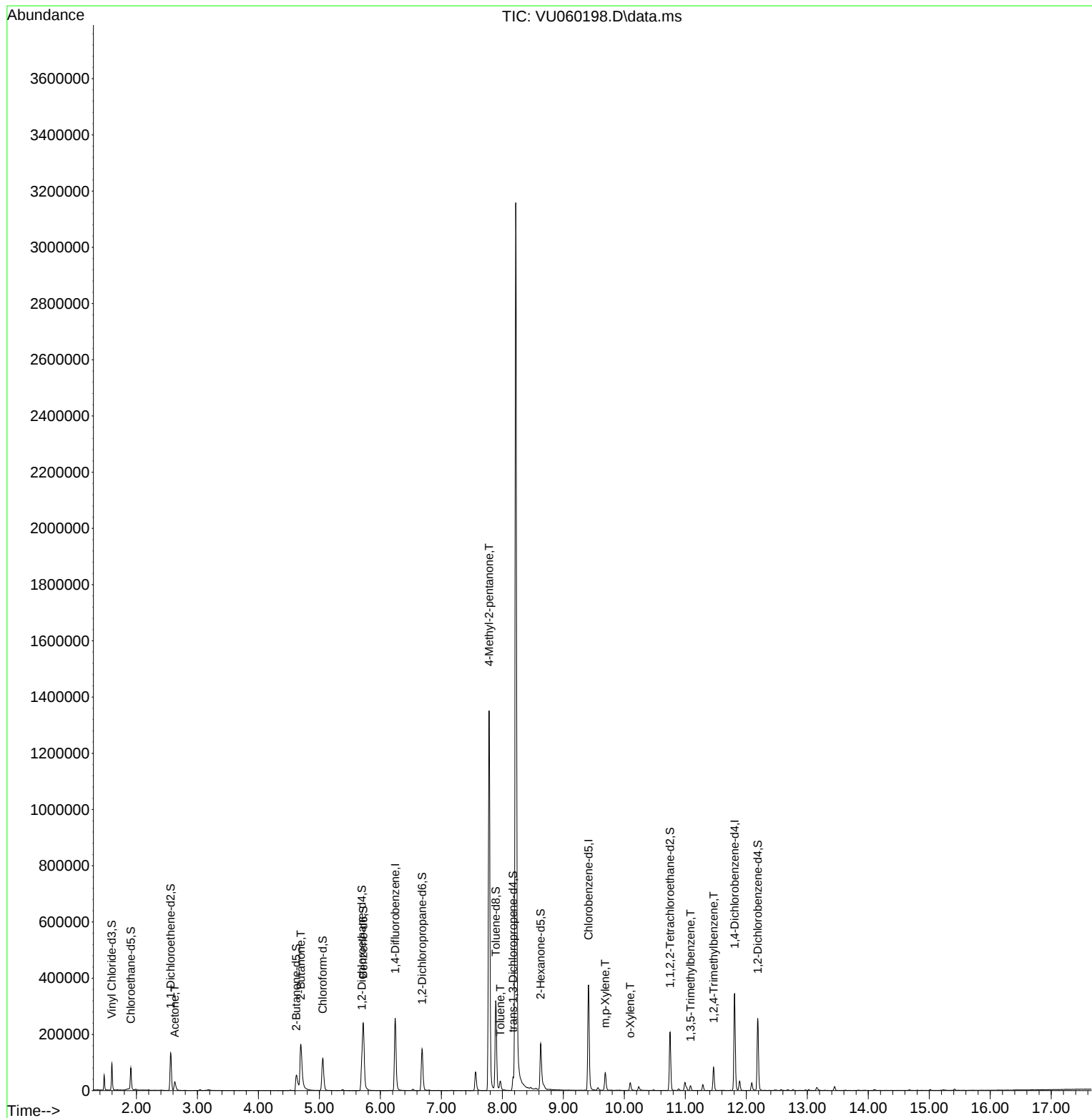
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	215499	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	225221	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69457	50.198	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.400%
7) Chloroethane-d5	1.907	69	56370	48.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.880%
11) 1,1-Dichloroethene-d2	2.560	63	80894	32.909	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.820%
21) 2-Butanone-d5	4.621	46	88170	91.693	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.690%
24) Chloroform-d	5.055	84	111970	41.788	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.580%
26) 1,2-Dichloroethane-d4	5.695	65	68944	43.274	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.540%
32) Benzene-d6	5.718	84	231027	40.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.120%
36) 1,2-Dichloropropane-d6	6.682	67	77171	43.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.460%
41) Toluene-d8	7.891	98	221400	40.368	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.740%
43) trans-1,3-Dichloroprop...	8.174	79	32440	38.839	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.680%
47) 2-Hexanone-d5	8.627	63	57447	76.367	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.370%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	111129	40.563	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.120%
66) 1,2-Dichlorobenzene-d4	12.187	152	70650	39.964	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.920%#
Target Compounds						
					Qvalue	
13) Acetone	2.628	43	40757	41.162	ug/L	97
22) 2-Butanone	4.695	43	251484	206.432	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	835255	394.769	ug/L	98
42) Toluene	7.965	91	25080	3.777	ug/L	94
53) m,p-Xylene	9.685	106	17859	6.469	ug/L	99
54) o-Xylene	10.097	106	7673	2.890	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	9814	2.391	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	44803	10.189	ug/L	97

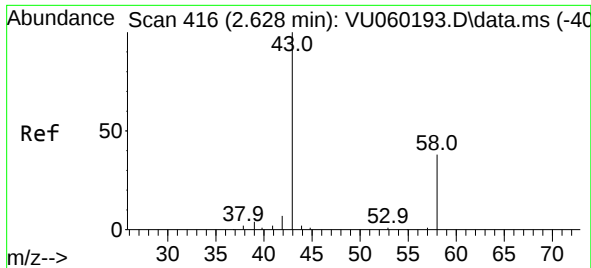
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 41.162 ug/L

RT: 2.628 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU060198.D

Acq: 26 Jul 2024 02:13

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MSVOA_U

ClientSampleId :

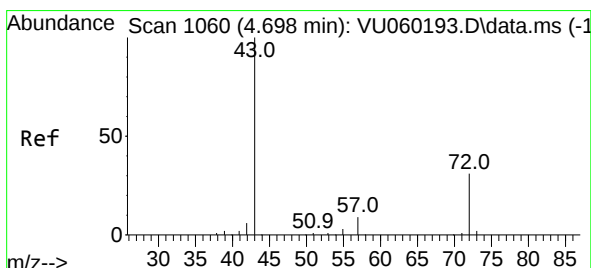
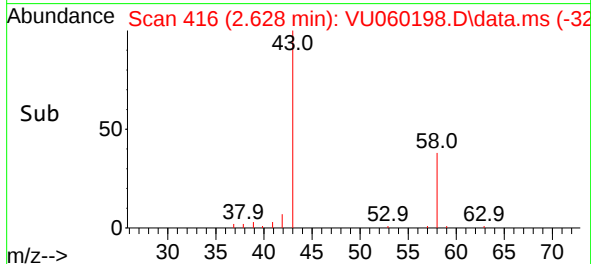
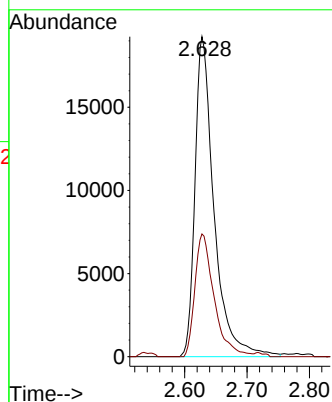
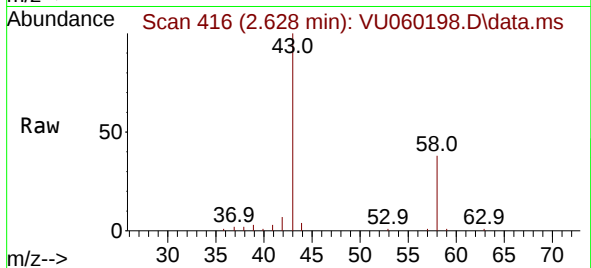
E08H4

Tgt Ion: 43 Resp: 40757

Ion Ratio Lower Upper

43 100

58 38.8 0.0 73.8



#22

2-Butanone

Concen: 206.432 ug/L

RT: 4.695 min Scan# 1059

Delta R.T. -0.003 min

Lab File: VU060198.D

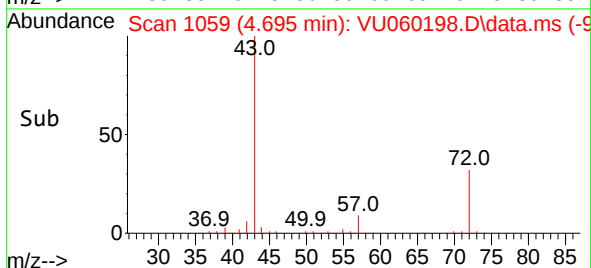
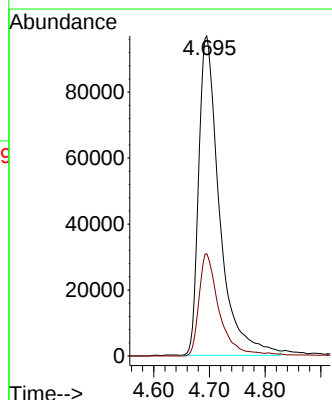
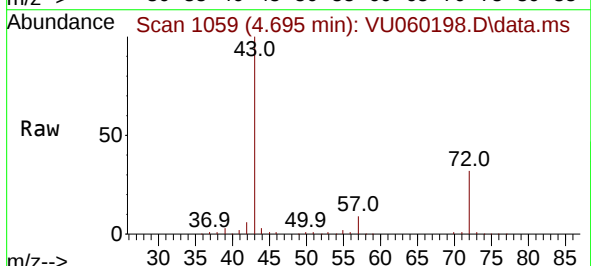
Acq: 26 Jul 2024 02:13

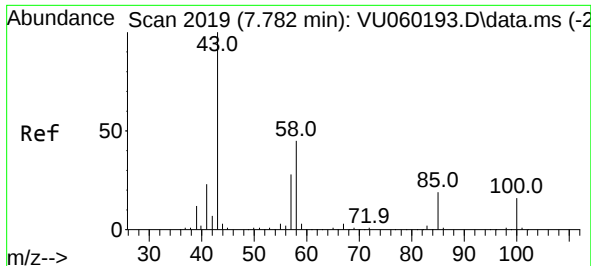
Tgt Ion: 43 Resp: 251484

Ion Ratio Lower Upper

43 100

72 30.7 16.4 49.2





#40

4-Methyl-2-pentanone

Concen: 394.769 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU060198.D

Acq: 26 Jul 2024 02:13

Instrument :

MSVOA_U

ClientSampleId :

E08H4

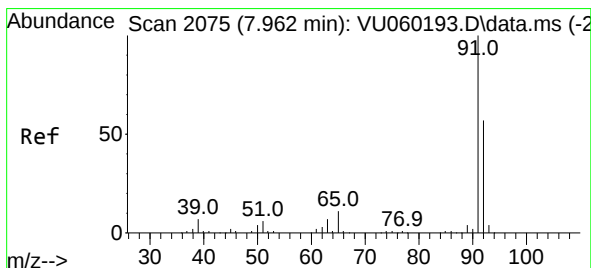
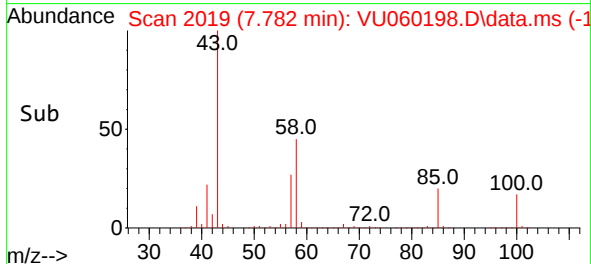
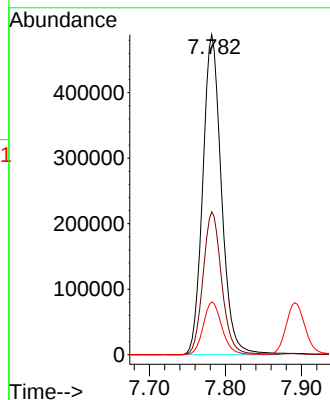
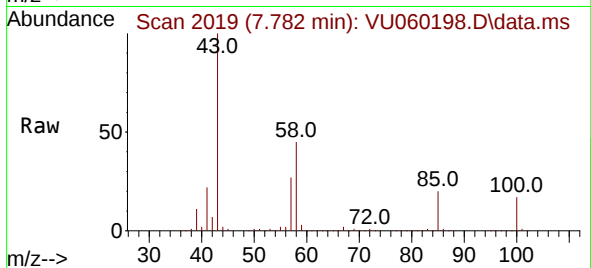
Tgt Ion: 43 Resp: 835255

Ion Ratio Lower Upper

43 100

58 44.6 35.3 52.9

100 16.5 14.6 22.0



#42

Toluene

Concen: 3.777 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU060198.D

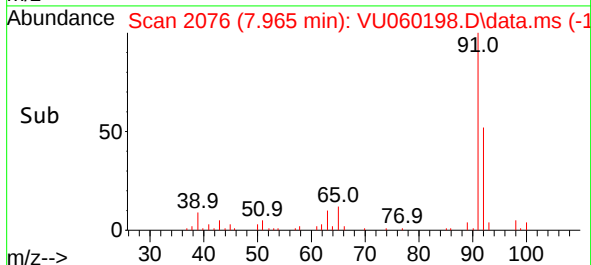
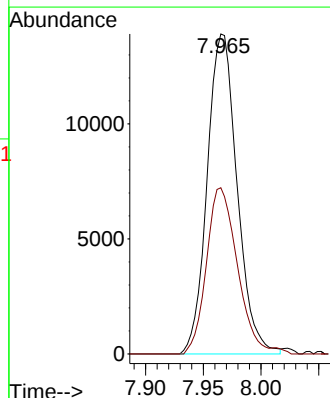
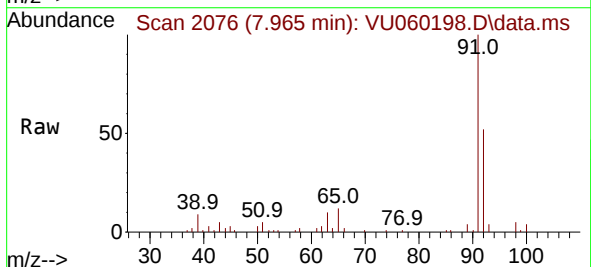
Acq: 26 Jul 2024 02:13

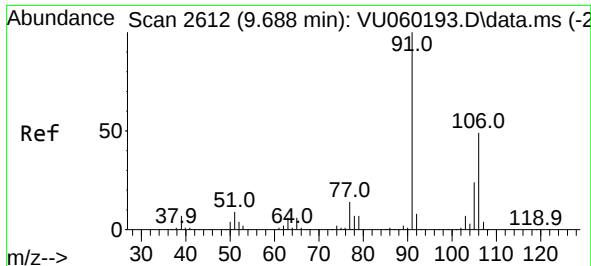
Tgt Ion: 91 Resp: 25080

Ion Ratio Lower Upper

91 100

92 51.9 39.3 72.9

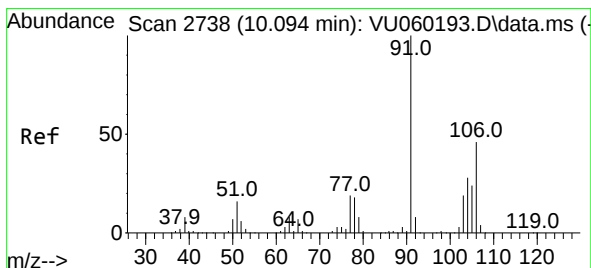
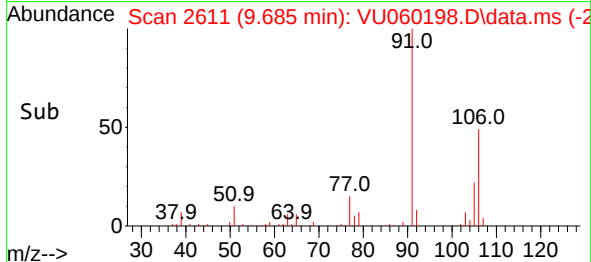
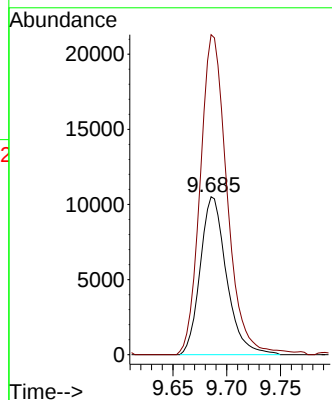
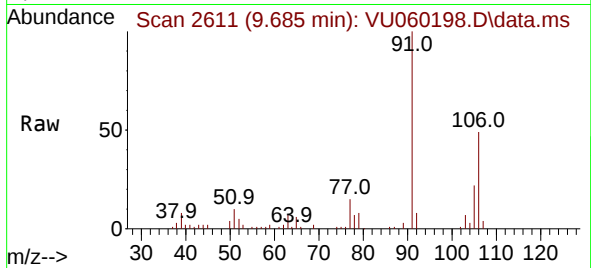




#53
m,p-Xylene
Concen: 6.469 ug/L
RT: 9.685 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU060198.D
Acq: 26 Jul 2024 02:13

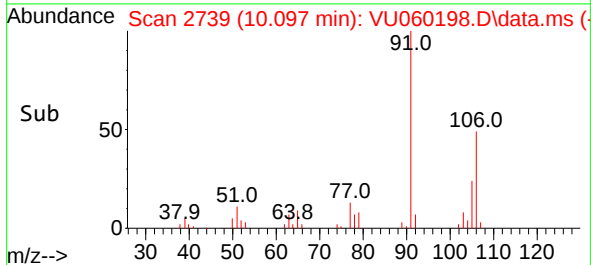
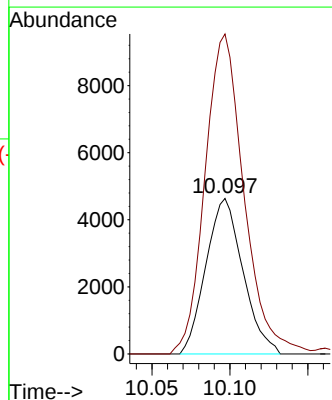
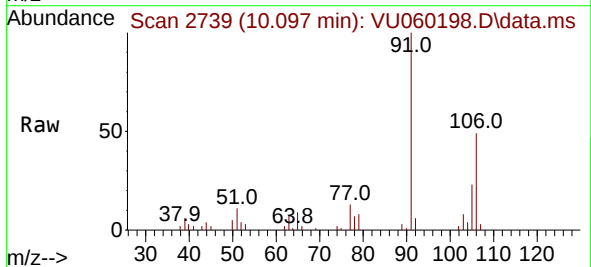
Instrument :
MSVOA_U
ClientSampleId :
E08H4

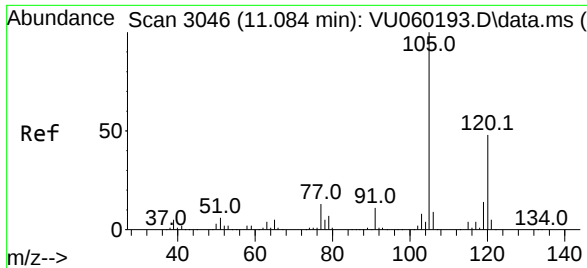
Tgt Ion:106 Resp: 17859
Ion Ratio Lower Upper
106 100
91 202.6 140.9 261.7



#54
o-Xylene
Concen: 2.890 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU060198.D
Acq: 26 Jul 2024 02:13

Tgt Ion:106 Resp: 7673
Ion Ratio Lower Upper
106 100
91 205.6 147.4 273.8

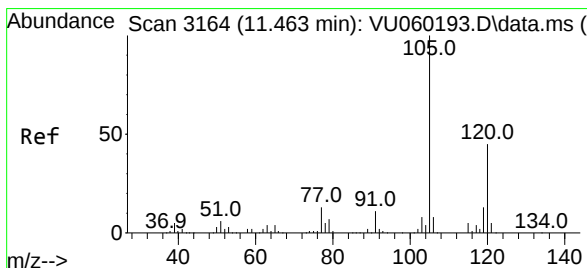
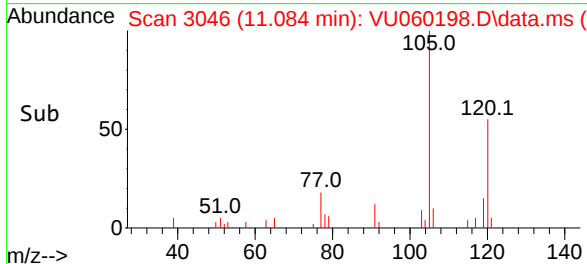
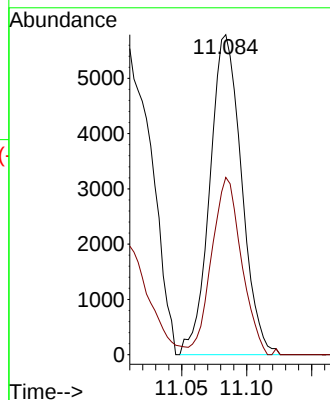
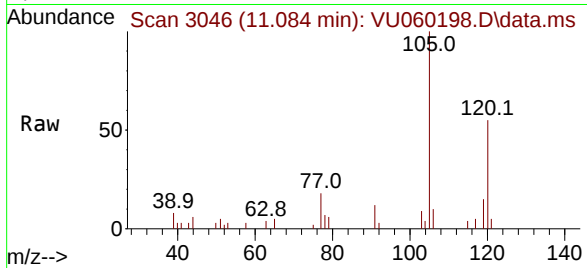




#62
 1,3,5-Trimethylbenzene
 Concen: 2.391 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU060198.D
 Acq: 26 Jul 2024 02:13

Instrument :
 MSVOA_U
 ClientSampleId :
 E08H4

Tgt Ion:105 Resp: 9814
 Ion Ratio Lower Upper
 105 100
 120 52.1 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 10.189 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU060198.D
 Acq: 26 Jul 2024 02:13

Tgt Ion:105 Resp: 44803
 Ion Ratio Lower Upper
 105 100
 120 44.3 37.0 55.6

