

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
 Data File : VU059265.D
 Acq On : 14 Jun 2024 21:58
 Operator : MD/SY
 Sample : P2856-05ME
 Misc : 3.53g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 02:56:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 02:48:14 2024
 Response via : Initial Calibration

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

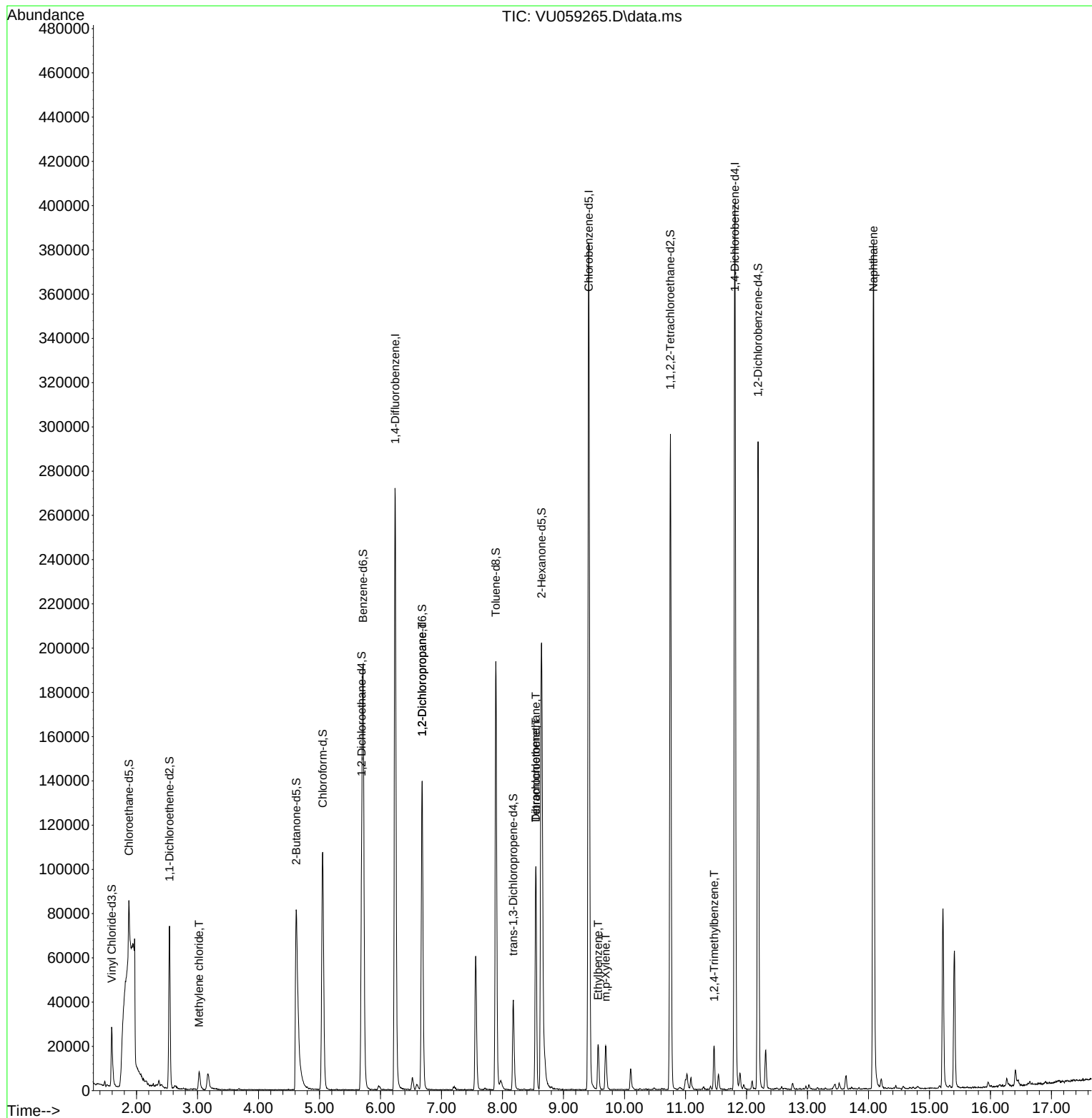
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	223779	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	229994	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	109492	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27615	20.610	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	41.220%#
7) Chloroethane-d5	1.875	69	24381	21.242	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.480%#
11) 1,1-Dichloroethene-d2	2.541	63	44345	16.767	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	33.540%#
21) 2-Butanone-d5	4.618	46	151205	119.728	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.730%
24) Chloroform-d	5.052	84	105654	39.611	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.220%
26) 1,2-Dichloroethane-d4	5.692	65	67672	41.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.780%
32) Benzene-d6	5.714	84	173733	32.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.820%#
36) 1,2-Dichloropropane-d6	6.682	67	71560	39.317	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.640%
41) Toluene-d8	7.891	98	134296	29.969	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	59.940%#
43) trans-1,3-Dichloroprop...	8.177	79	26071	35.436	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.880%
47) 2-Hexanone-d5	8.640	63	92953	110.440	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	160181	52.001	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	76228	46.651	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.300%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.026	84	4767	2.228	ug/L	87
37) 1,2-Dichloropropane	6.682	63	7572	3.211	ug/L #	90
46) Tetrachloroethene	8.547	164	22755	16.799	ug/L	94
49) Dibromochloromethane	8.547	129	22309	11.642	ug/L #	11
52) Ethylbenzene	9.569	91	15903	1.850	ug/L	95
53) m,p-Xylene	9.692	106	6241	1.976	ug/L	92
63) 1,2,4-Trimethylbenzene	11.470	105	11125	1.839	ug/L	100
71) Naphthalene	14.080	128	310643	51.679	ug/L	99

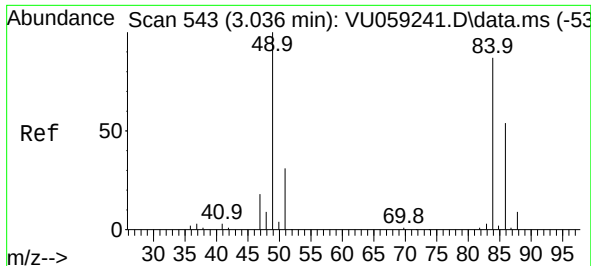
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 15 02:48:14 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.228 ug/L

RT: 3.026 min Scan# 54

Delta R.T. -0.010 min

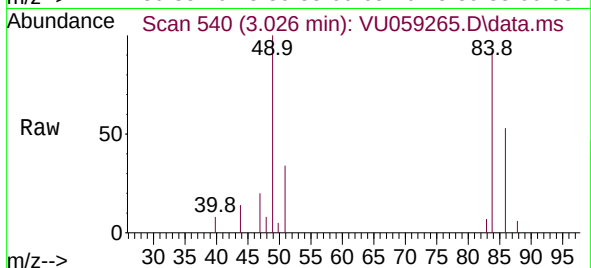
Lab File: VU059265.D

Acq: 14 Jun 2024 21:58

Instrument :

MSVOA_U

ClientSampleId :



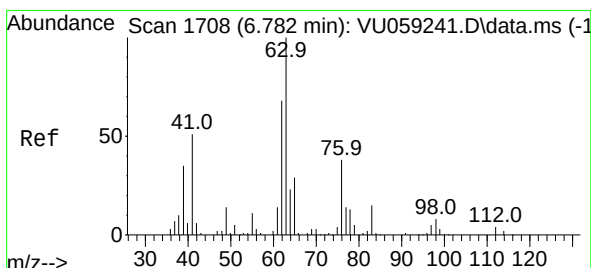
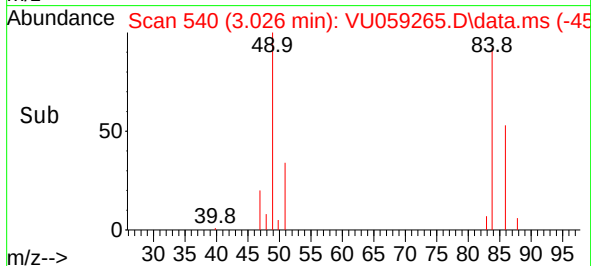
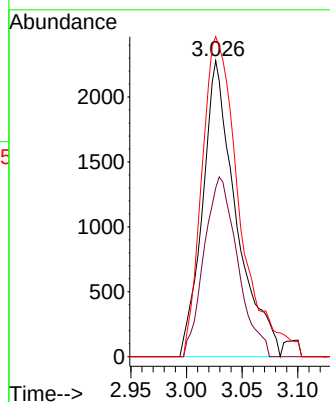
Tgt Ion: 84 Resp: 4767

Ion Ratio Lower Upper

84 100

86 57.0 44.9 83.3

49 108.1 87.5 162.5



#37

1,2-Dichloropropane

Concen: 3.211 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU059265.D

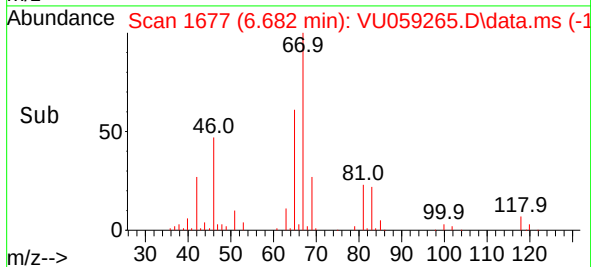
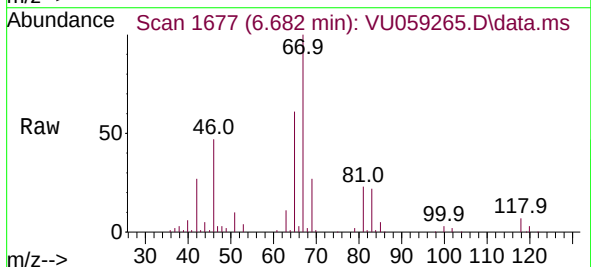
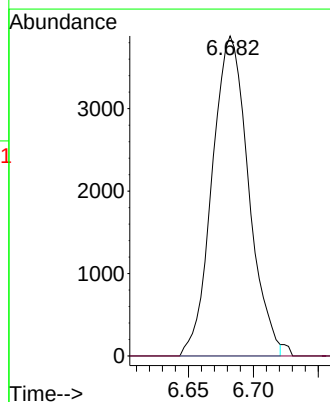
Acq: 14 Jun 2024 21:58

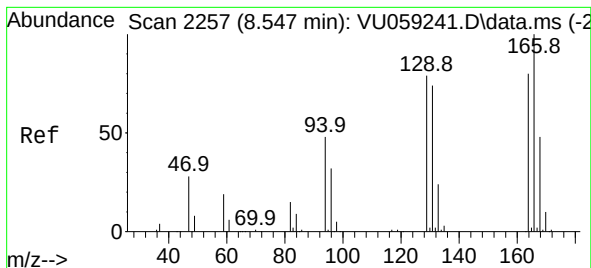
Tgt Ion: 63 Resp: 7572

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#46

Tetrachloroethene

Concen: 16.799 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.001 min

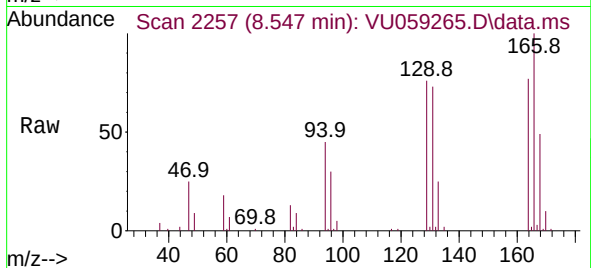
Lab File: VU059265.D

Acq: 14 Jun 2024 21:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 22755

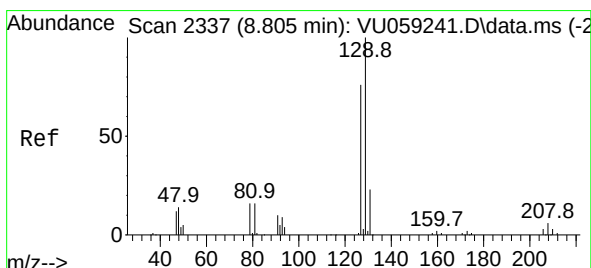
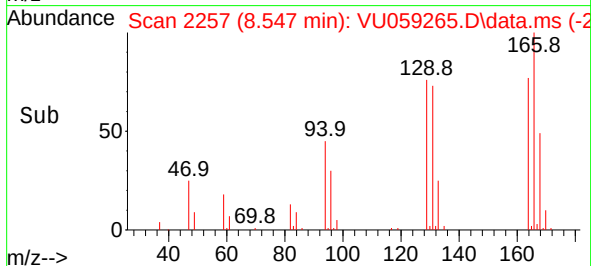
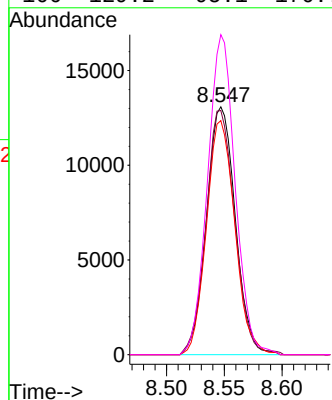
Ion Ratio Lower Upper

164 100

129 98.5 74.5 138.5

131 94.5 70.6 131.0

166 129.2 95.1 176.7



#49

Dibromochloromethane

Concen: 11.642 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.258 min

Lab File: VU059265.D

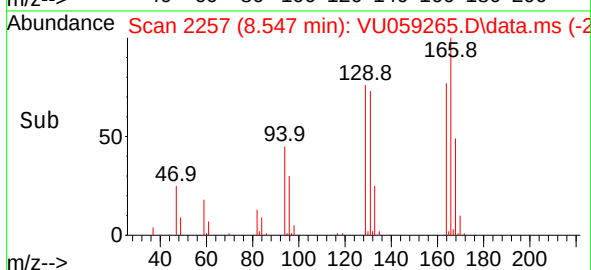
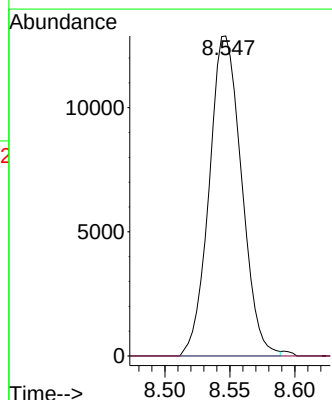
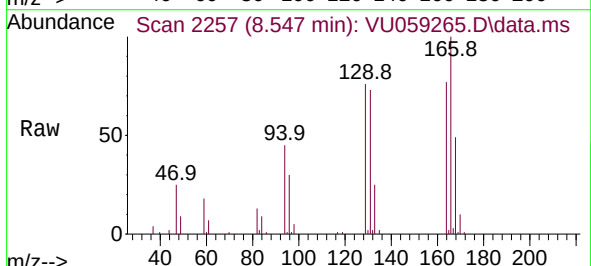
Acq: 14 Jun 2024 21:58

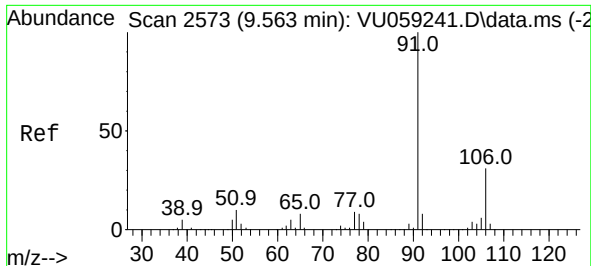
Tgt Ion:129 Resp: 22309

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#





#52

Ethylbenzene

Concen: 1.850 ug/L

RT: 9.569 min Scan# 2573

Delta R.T. 0.006 min

Lab File: VU059265.D

Acq: 14 Jun 2024 21:58

Instrument :

MSVOA_U

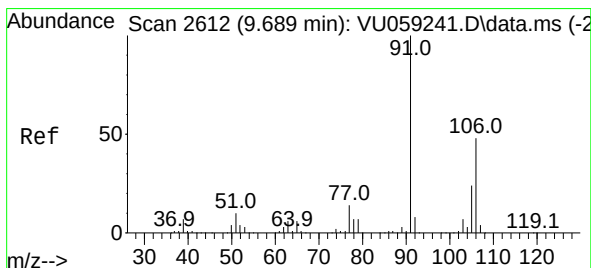
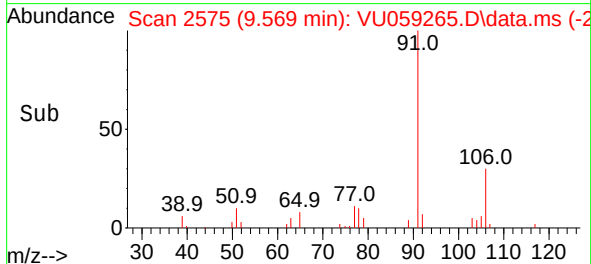
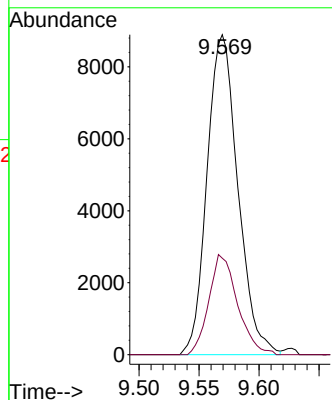
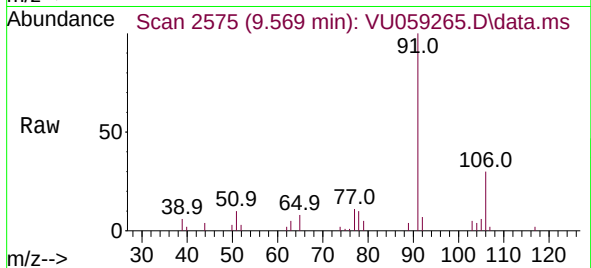
ClientSampleId :

Tgt Ion: 91 Resp: 15903

Ion Ratio Lower Upper

91 100

106 32.6 21.0 39.0



#53

m,p-Xylene

Concen: 1.976 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU059265.D

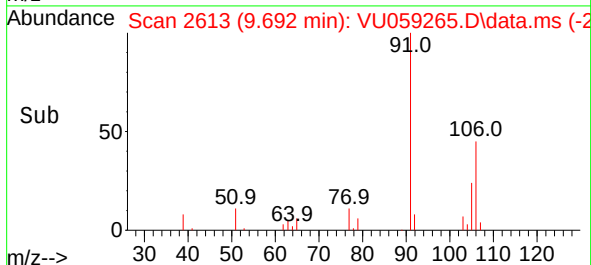
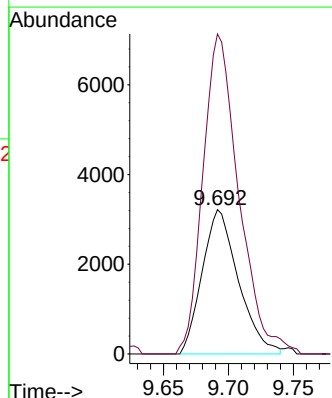
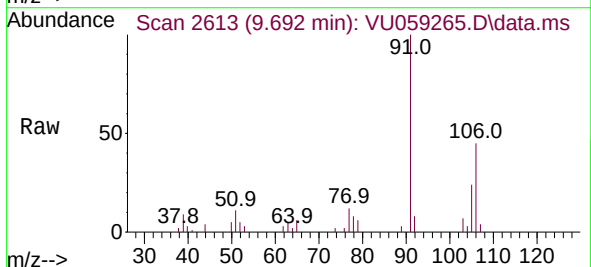
Acq: 14 Jun 2024 21:58

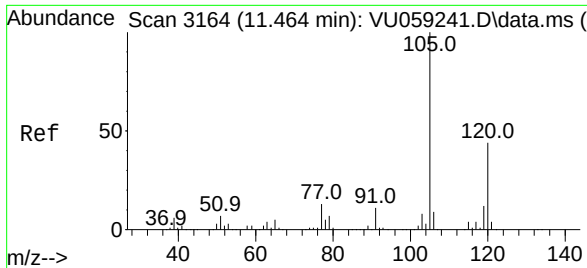
Tgt Ion: 106 Resp: 6241

Ion Ratio Lower Upper

106 100

91 221.6 146.4 272.0

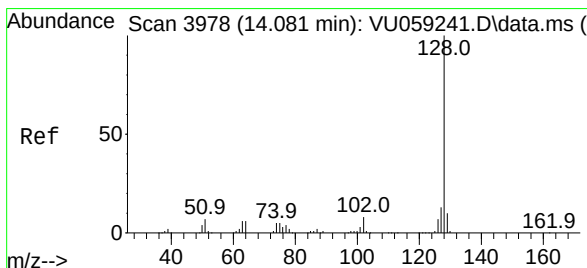
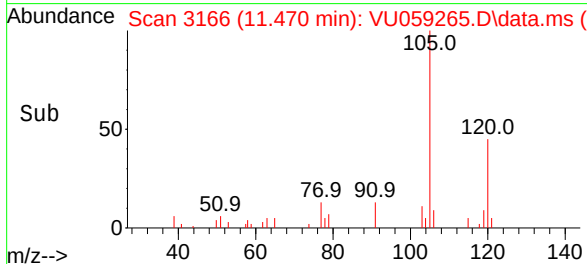
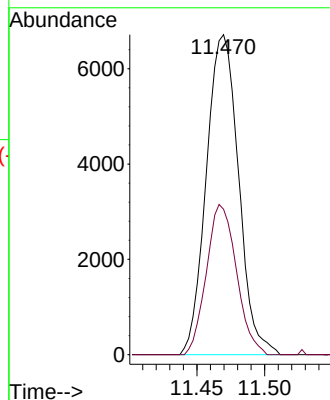
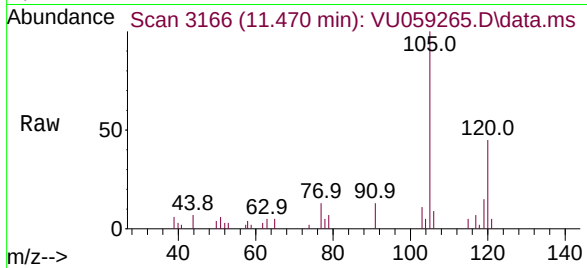




#63
1,2,4-Trimethylbenzene
Concen: 1.839 ug/L
RT: 11.470 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU059265.D
Acq: 14 Jun 2024 21:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 11125
Ion Ratio Lower Upper
105 100
120 43.7 35.0 52.6



#71
Naphthalene
Concen: 51.679 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.001 min
Lab File: VU059265.D
Acq: 14 Jun 2024 21:58

Tgt Ion:128 Resp: 310643
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.9 8.5 12.7

