

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060864.D
 Acq On : 18 Sep 2024 12:49
 Operator : MD/SY
 Sample : P3973-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 05:12:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 05:11:13 2024
 Response via : Initial Calibration

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

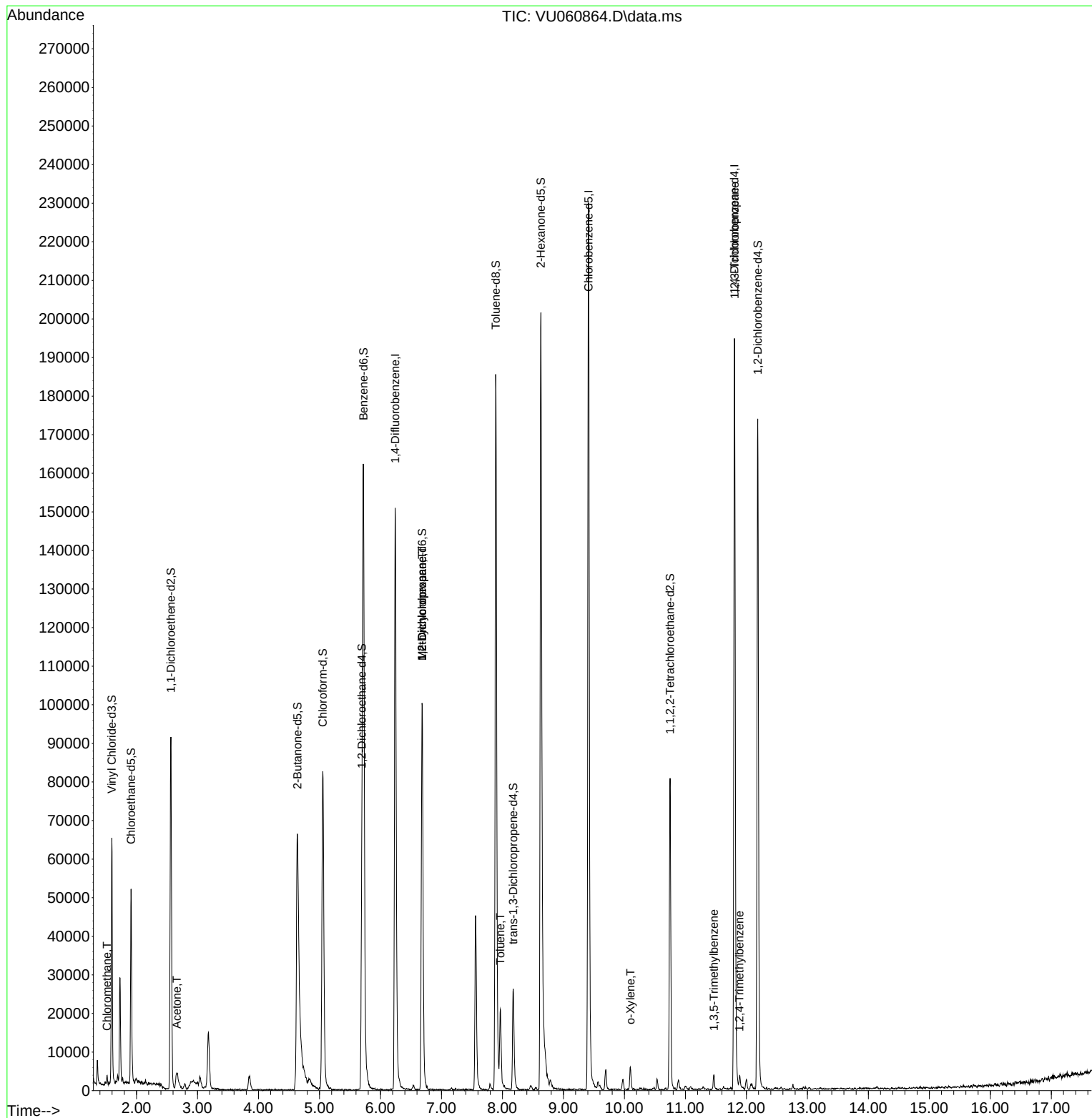
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	133749	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	59070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42994	3.574	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.911	69	37330	4.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.563	65	17255	4.047	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.637	46	89528	46.358	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	5.055	84	81826	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.695	65	40980	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.721	84	162444	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.685	67	53565	4.510	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.891	98	136494	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.177	79	17727	4.147	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.631	63	75810	44.955	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	42933	4.614	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	50546	5.092	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	1577	0.148	ug/L	97
13) Acetone	2.660	43	8847	6.867	ug/L	68
35) Methylcyclohexane	6.685	83	12339	0.871	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	5234	0.482	ug/L #	93
42) Toluene	7.965	91	15948	0.387	ug/L	93
54) o-Xylene	10.100	106	1749	0.108	ug/L	88
61) 1,2,3-Trichloropropane	11.807	75	6525	1.184	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.466	105	2526	0.093	ug/L	90
63) 1,2,4-Trimethylbenzene	11.888	105	1947	0.072	ug/L	95

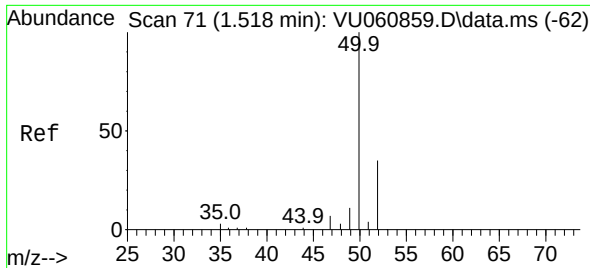
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

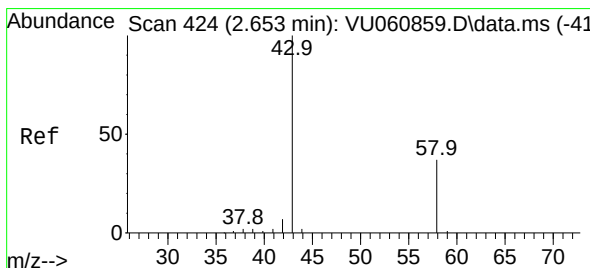
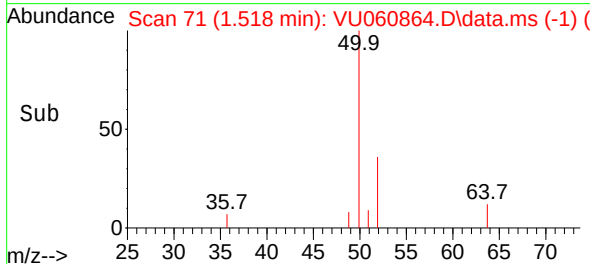
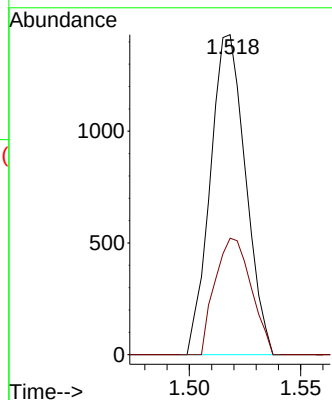
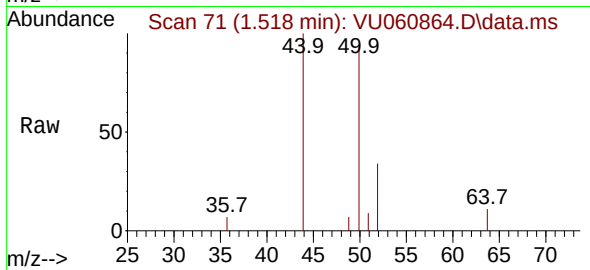




#3
Chloromethane
Concen: 0.148 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU060864.D
Acq: 18 Sep 2024 12:49

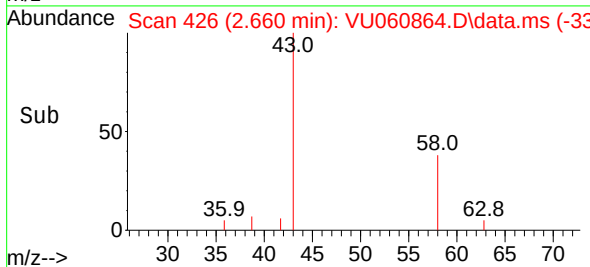
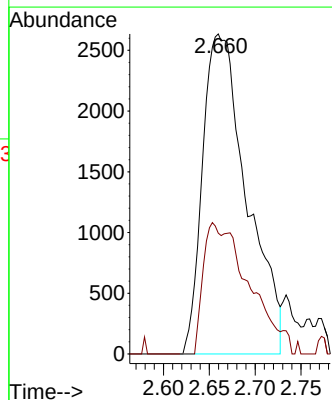
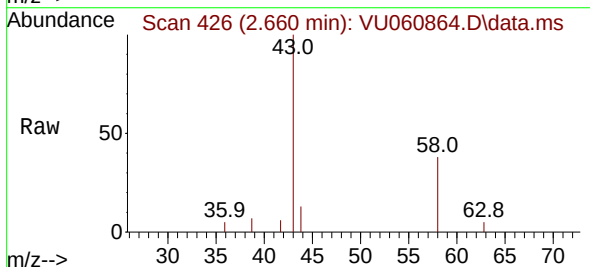
Instrument :
MSVOA_U
ClientSampleId :

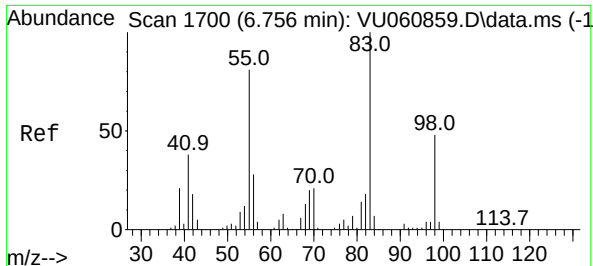
Tgt Ion: 50 Resp: 1577
Ion Ratio Lower Upper
50 100
52 36.4 24.4 45.4



#13
Acetone
Concen: 6.867 ug/L
RT: 2.660 min Scan# 426
Delta R.T. 0.006 min
Lab File: VU060864.D
Acq: 18 Sep 2024 12:49

Tgt Ion: 43 Resp: 8847
Ion Ratio Lower Upper
43 100
58 16.4 0.0 69.6





#35

Methylcyclohexane

Concen: 0.871 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU060864.D

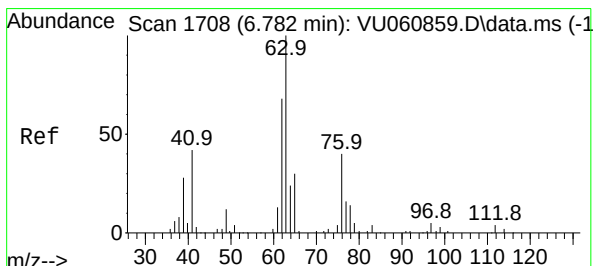
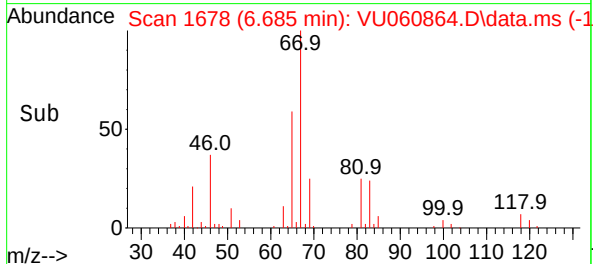
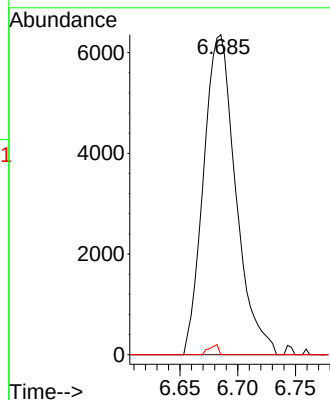
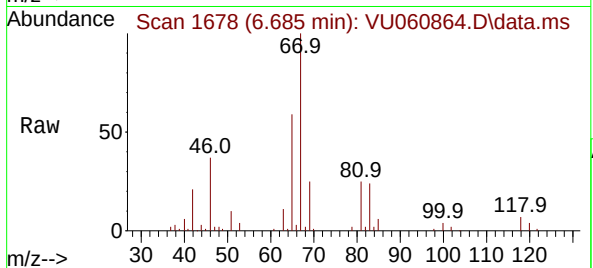
Acq: 18 Sep 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 12339
Ion Ratio	Lower Upper
83	100
55	0.0 62.6 94.0#
98	0.9 37.6 56.4#



#37

1,2-Dichloropropane

Concen: 0.482 ug/L

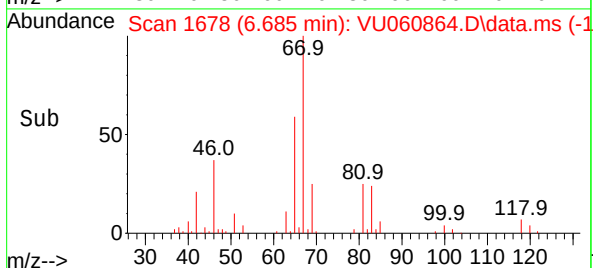
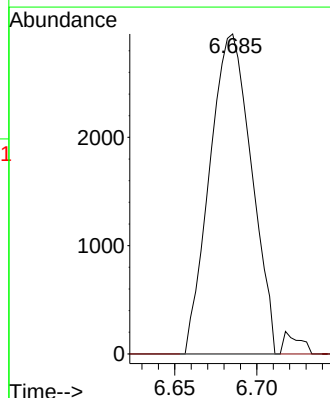
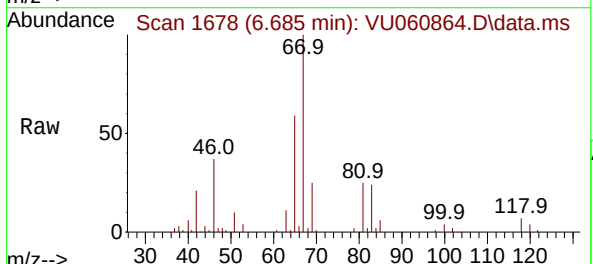
RT: 6.685 min Scan# 1678

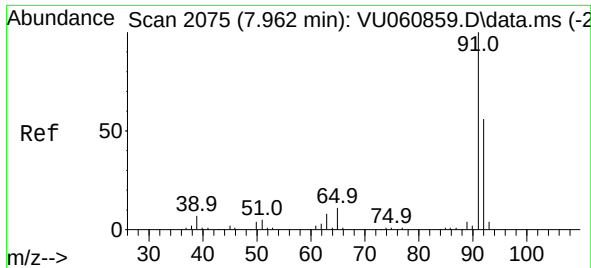
Delta R.T. -0.097 min

Lab File: VU060864.D

Acq: 18 Sep 2024 12:49

Tgt Ion: 63	Resp: 5234
Ion Ratio	Lower Upper
63	100
112	0.0 2.0 3.0#





#42

Toluene

Concen: 0.387 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060864.D

Acq: 18 Sep 2024 12:49

Instrument :

MSVOA_U

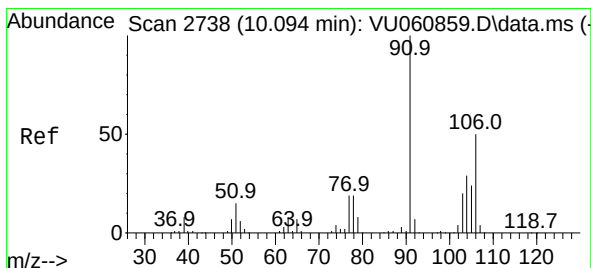
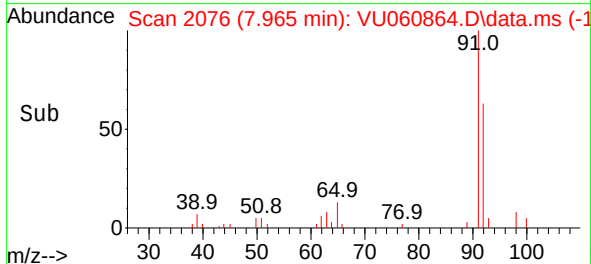
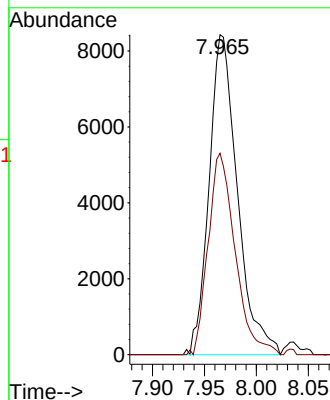
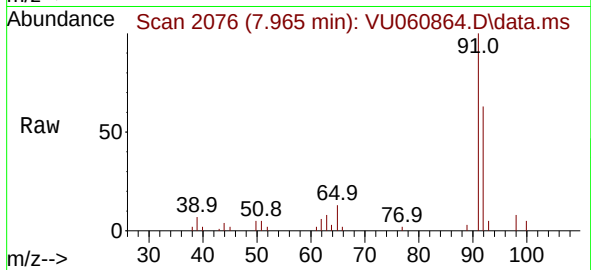
ClientSampleId :

Tgt Ion: 91 Resp: 15948

Ion Ratio Lower Upper

91 100

92 62.9 40.5 75.3



#54

o-Xylene

Concen: 0.108 ug/L

RT: 10.100 min Scan# 2740

Delta R.T. 0.006 min

Lab File: VU060864.D

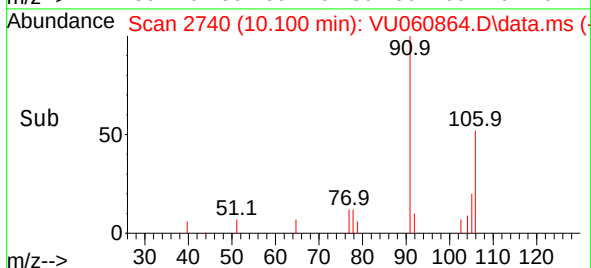
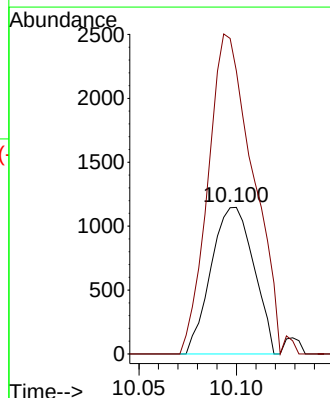
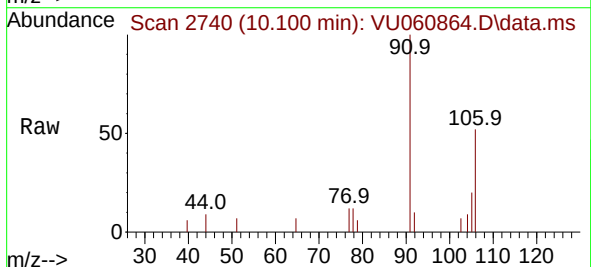
Acq: 18 Sep 2024 12:49

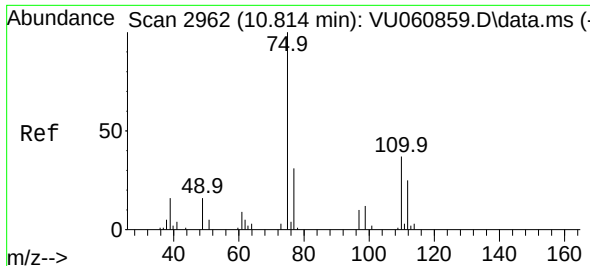
Tgt Ion:106 Resp: 1749

Ion Ratio Lower Upper

106 100

91 193.1 148.6 276.0





#61

1,2,3-Trichloropropane

Concen: 1.184 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.993 min

Lab File: VU060864.D

Acq: 18 Sep 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

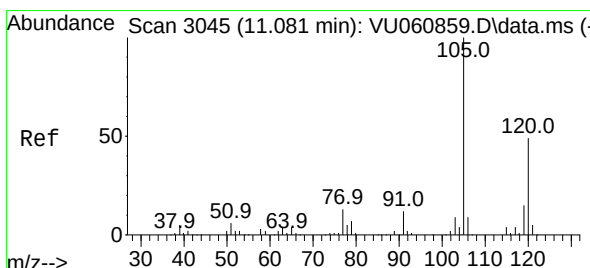
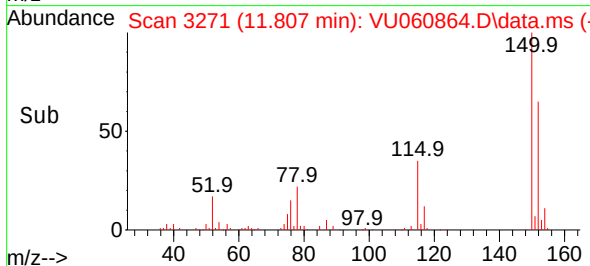
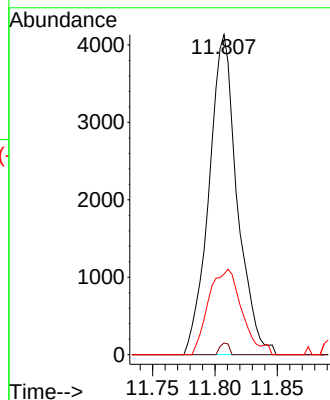
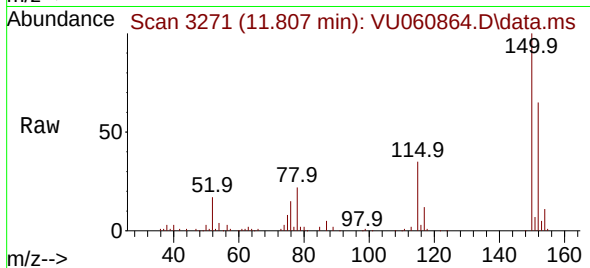
Tgt Ion: 75 Resp: 6525

Ion Ratio Lower Upper

75 100

110 1.2 28.6 43.0#

77 31.4 26.3 39.5



#62

1,3,5-Trimethylbenzene

Concen: 0.093 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.386 min

Lab File: VU060864.D

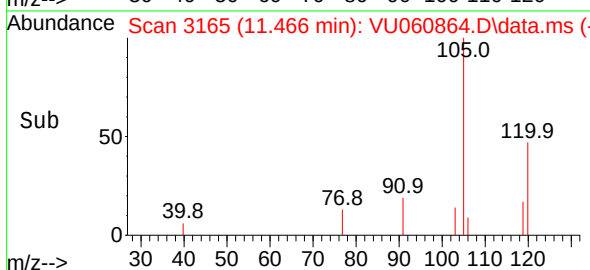
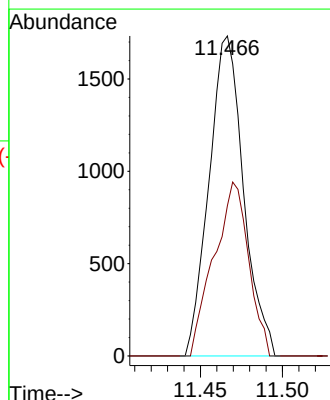
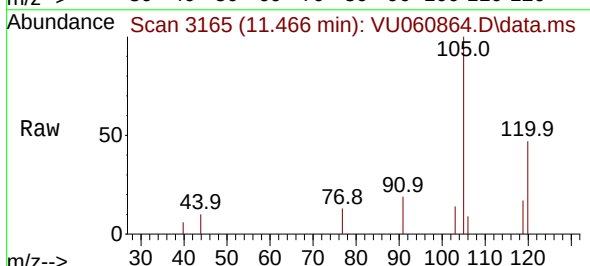
Acq: 18 Sep 2024 12:49

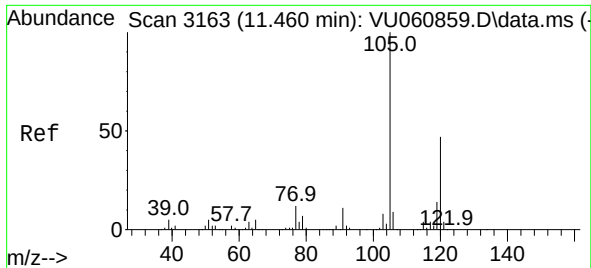
Tgt Ion:105 Resp: 2526

Ion Ratio Lower Upper

105 100

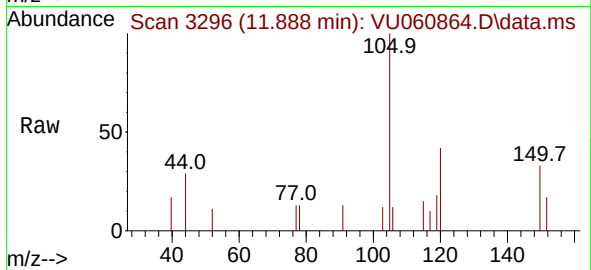
120 54.8 38.5 57.7





#63
 1,2,4-Trimethylbenzene
 Concen: 0.072 ug/L
 RT: 11.888 min Scan# 31
 Delta R.T. 0.428 min
 Lab File: VU060864.D
 Acq: 18 Sep 2024 12:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:105 Resp: 1947

Ion	Ratio	Lower	Upper
105	100		
120	42.1	36.1	54.1

