

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060862.D
 Acq On : 18 Sep 2024 12:01
 Operator : MD/SY
 Sample : P3973-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 05:12:26 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)

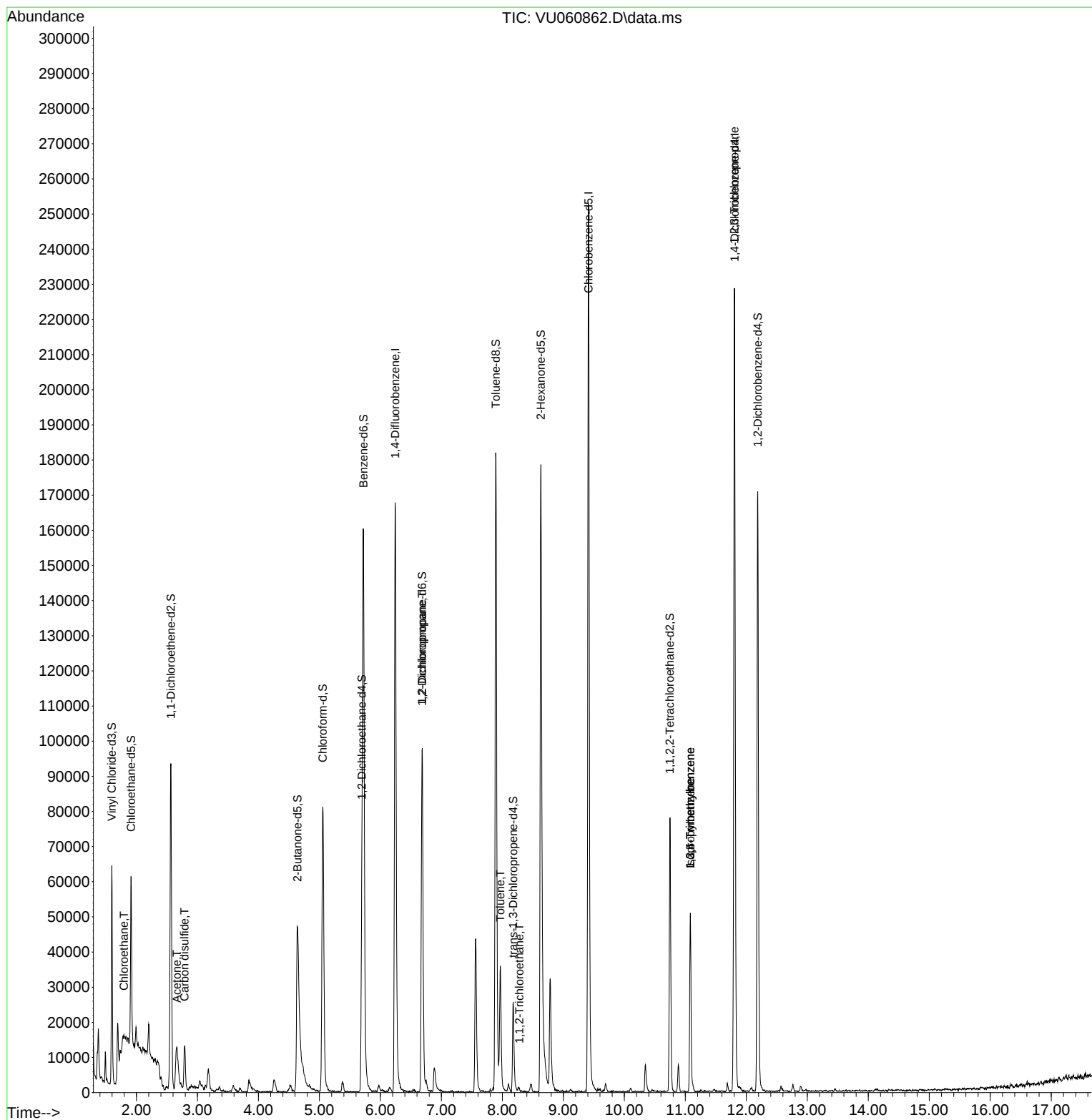
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149902	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157323	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42588	3.159	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.911	69	35420	3.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.563	65	17604	3.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.637	46	82308	38.027	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.060%
24) Chloroform-d	5.055	84	80658	3.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
26) 1,2-Dichloroethane-d4	5.695	65	38586	3.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	5.721	84	161160	3.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.685	67	53117	4.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.891	98	139576	3.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	8.177	79	16645	3.544	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.631	63	66685	35.997	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	41043	4.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	51459	4.507	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
8) Chloroethane	1.795	64	41882	5.299	ug/L #	52
13) Acetone	2.660	43	24579	17.021	ug/L	80
14) Carbon disulfide	2.788	76	17443	0.667	ug/L	97
37) 1,2-Dichloropropane	6.682	63	4883	0.410	ug/L #	93
42) Toluene	7.965	91	29063	0.643	ug/L	95
45) 1,1,2-Trichloroethane	8.277	97	843	0.098	ug/L #	15
60) Isopropylbenzene	11.081	105	28619	0.711	ug/L #	71
61) 1,2,3-Trichloropropane	11.804	75	7065	1.115	ug/L #	64
62) 1,3,5-Trimethylbenzene	11.081	105	28619	0.914	ug/L	99
63) 1,2,4-Trimethylbenzene	11.081	105	28619	0.925	ug/L	95

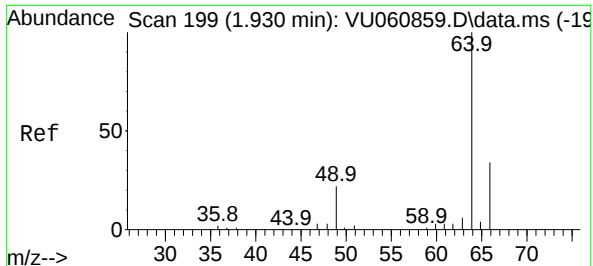
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

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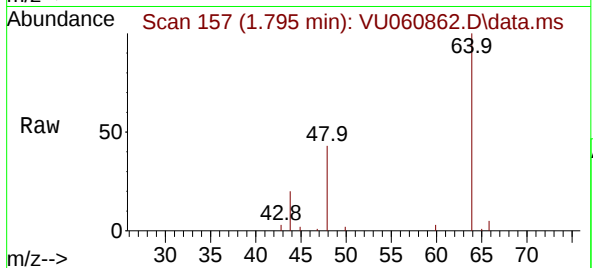
Quant Time: Sep 19 05:12:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 05:11:13 2024
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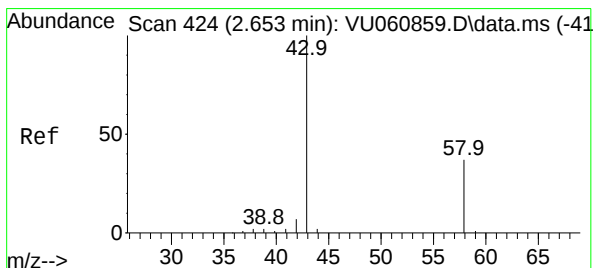
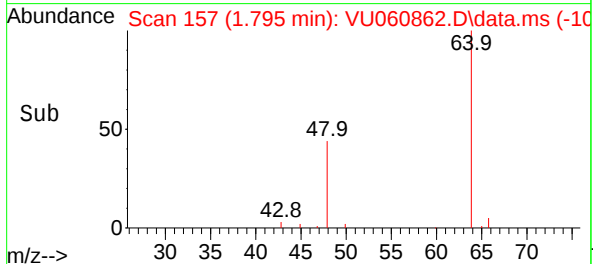
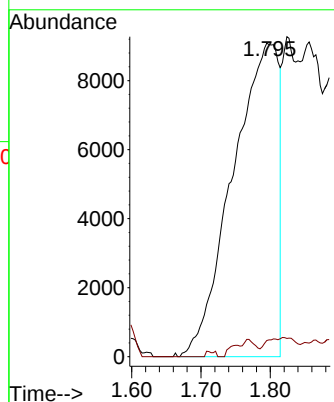


#8
Chloroethane
Concen: 5.299 ug/L
RT: 1.795 min Scan# 11
Delta R.T. -0.135 min
Lab File: VU060862.D
Acq: 18 Sep 2024 12:01

Instrument :
MSVOA_U
ClientSampleId :

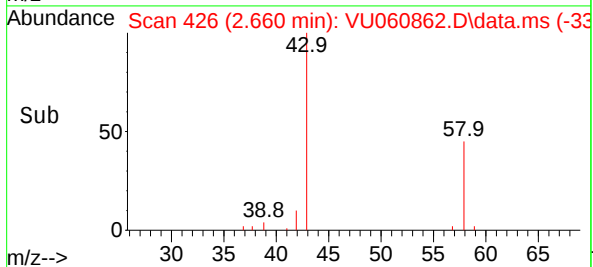
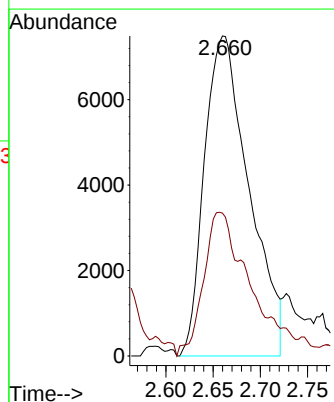
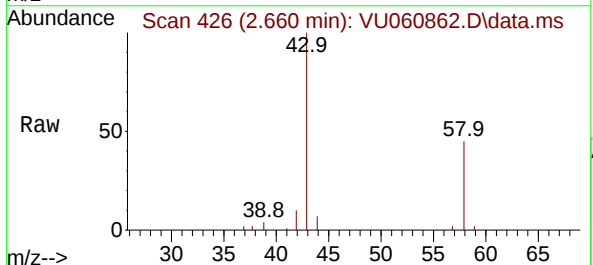


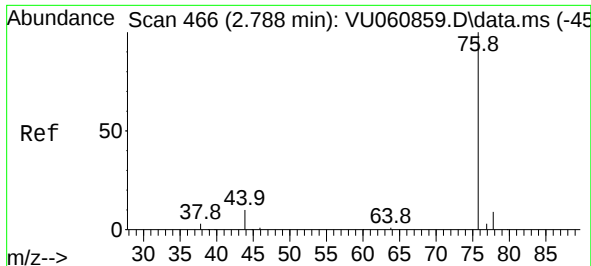
Tgt Ion: 64 Resp: 41882
Ion Ratio Lower Upper
64 100
66 5.2 22.3 41.3#



#13
Acetone
Concen: 17.021 ug/L
RT: 2.660 min Scan# 426
Delta R.T. 0.007 min
Lab File: VU060862.D
Acq: 18 Sep 2024 12:01

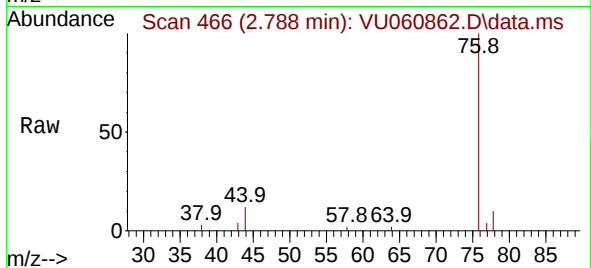
Tgt Ion: 43 Resp: 24579
Ion Ratio Lower Upper
43 100
58 46.4 0.0 69.6



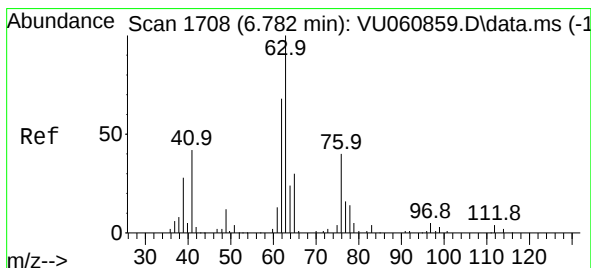
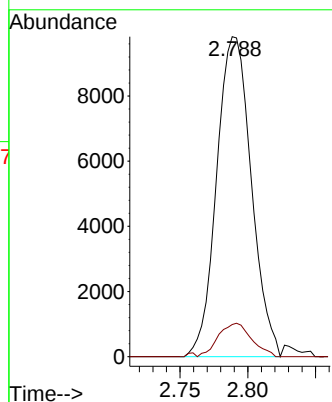
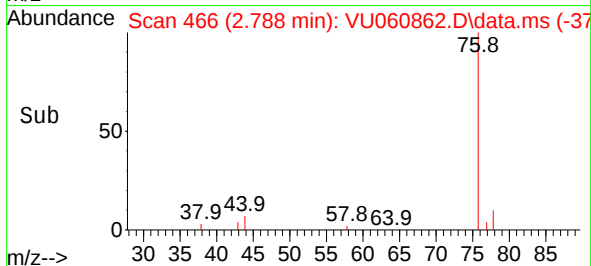


#14
Carbon disulfide
Concen: 0.667 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU060862.D
Acq: 18 Sep 2024 12:01

Instrument :
MSVOA_U
ClientSampleId :

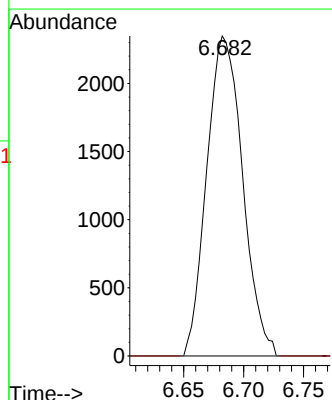
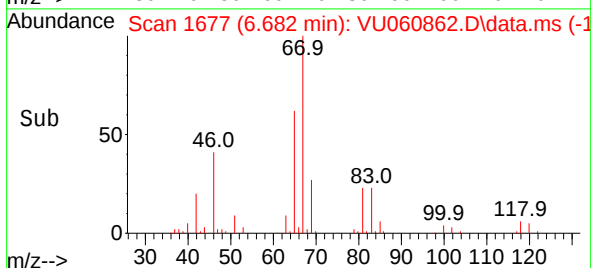
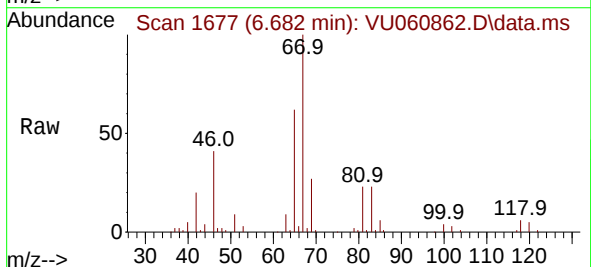


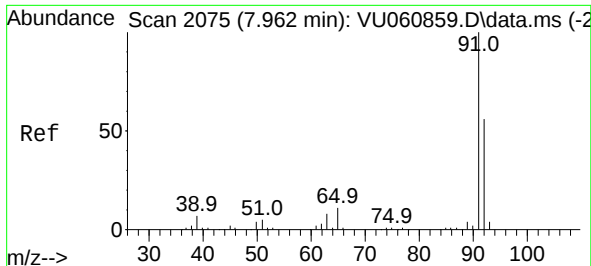
Tgt Ion: 76 Resp: 17443
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7



#37
1,2-Dichloropropane
Concen: 0.410 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU060862.D
Acq: 18 Sep 2024 12:01

Tgt Ion: 63 Resp: 4883
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#





#42

Toluene

Concen: 0.643 ug/L

RT: 7.965 min Scan# 2106

Delta R.T. 0.003 min

Lab File: VU060862.D

Acq: 18 Sep 2024 12:01

Instrument :

MSVOA_U

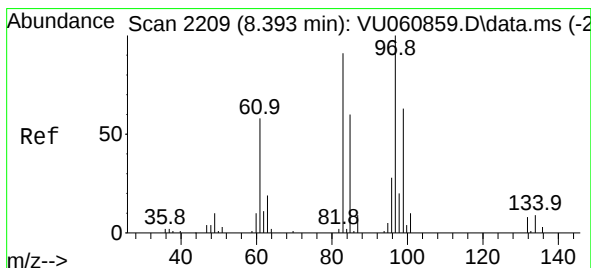
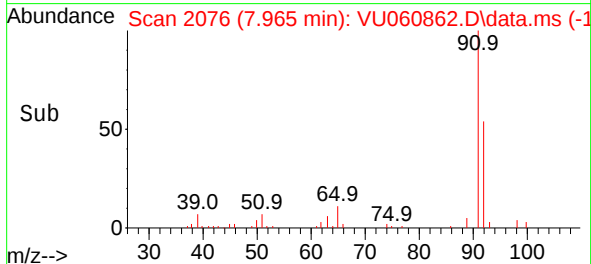
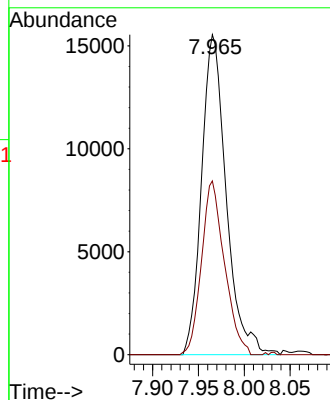
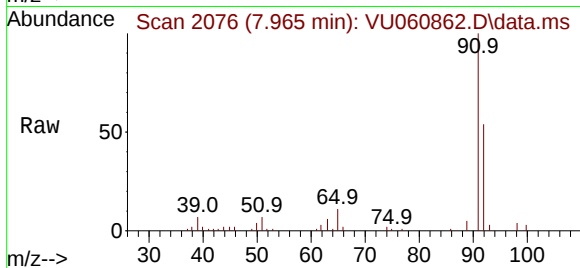
ClientSampleId :

Tgt Ion: 91 Resp: 29063

Ion Ratio Lower Upper

91 100

92 54.3 40.5 75.3



#45

1,1,2-Trichloroethane

Concen: 0.098 ug/L

RT: 8.277 min Scan# 2173

Delta R.T. -0.116 min

Lab File: VU060862.D

Acq: 18 Sep 2024 12:01

Tgt Ion: 97 Resp: 843

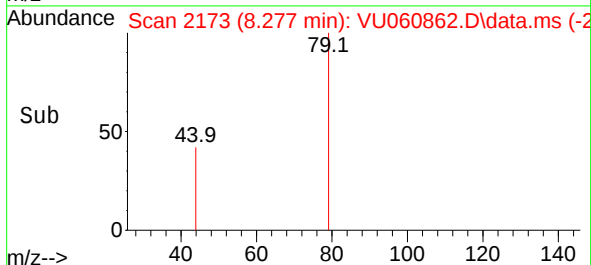
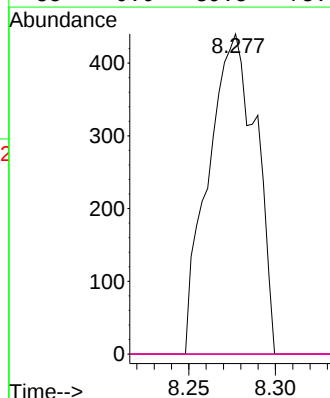
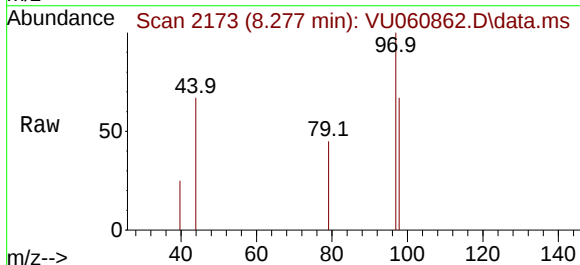
Ion Ratio Lower Upper

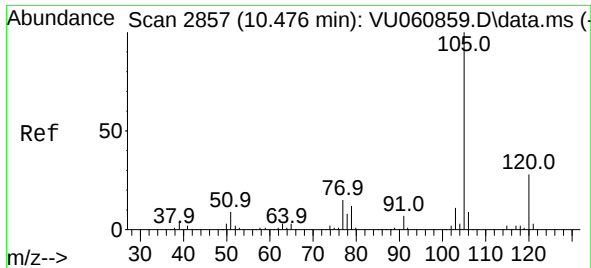
97 100

99 0.0 42.3 78.5#

83 0.0 61.7 114.5#

85 0.0 39.5 73.3#

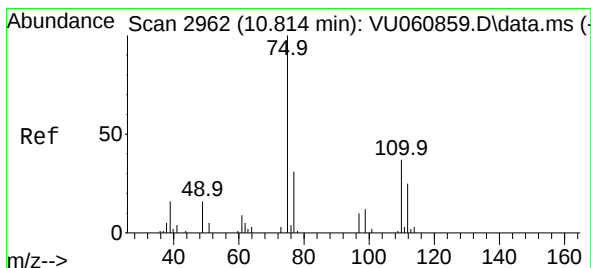
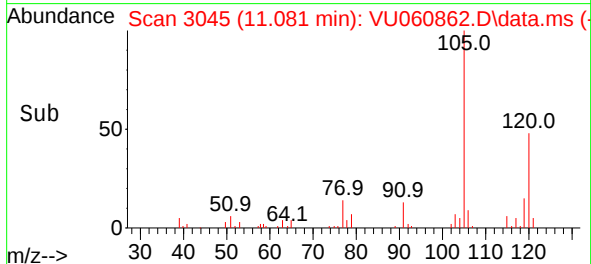
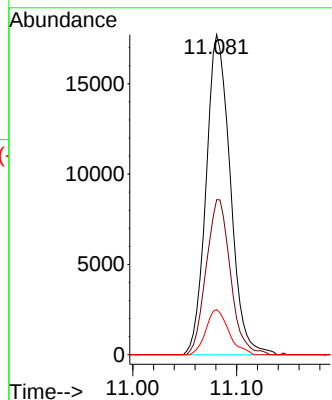
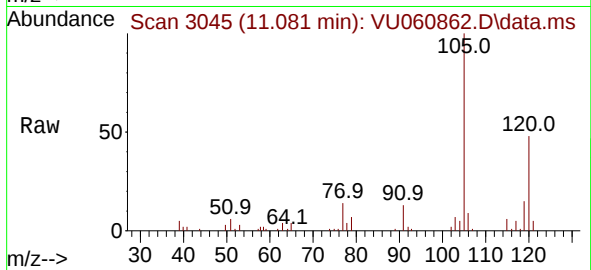




#60
Isopropylbenzene
Concen: 0.711 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.605 min
Lab File: VU060862.D
Acq: 18 Sep 2024 12:01

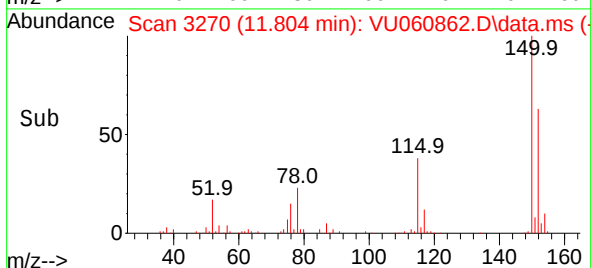
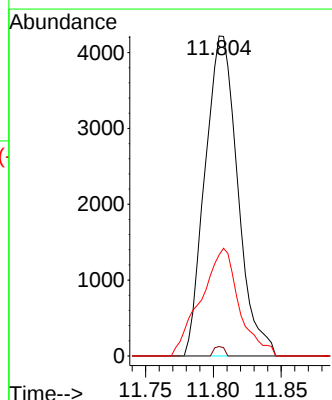
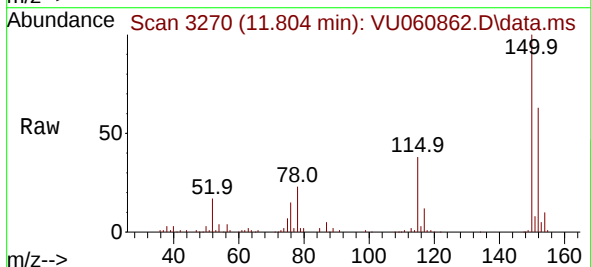
Instrument :
MSVOA_U
ClientSampleId :

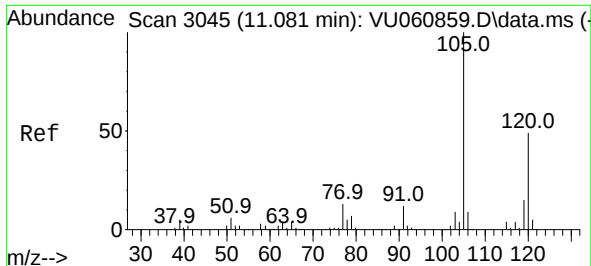
Tgt Ion:105 Resp: 28619
Ion Ratio Lower Upper
105 100
120 48.6 21.5 32.3#
77 13.3 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 1.115 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU060862.D
Acq: 18 Sep 2024 12:01

Tgt Ion: 75 Resp: 7065
Ion Ratio Lower Upper
75 100
110 0.9 28.6 43.0#
77 39.3 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 0.914 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060862.D

Acq: 18 Sep 2024 12:01

Instrument :

MSVOA_U

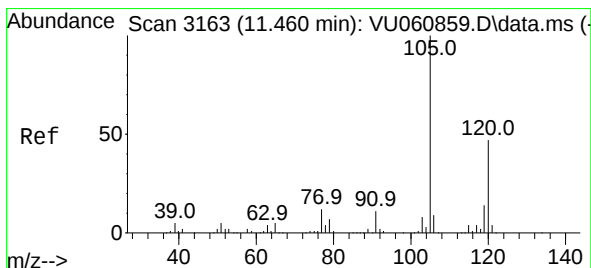
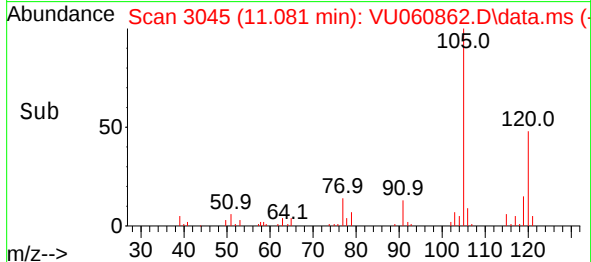
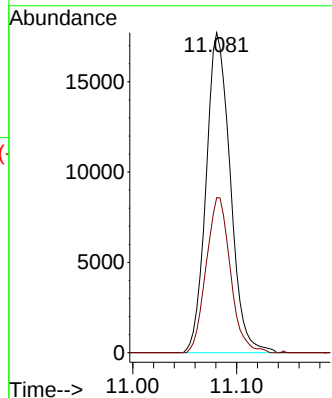
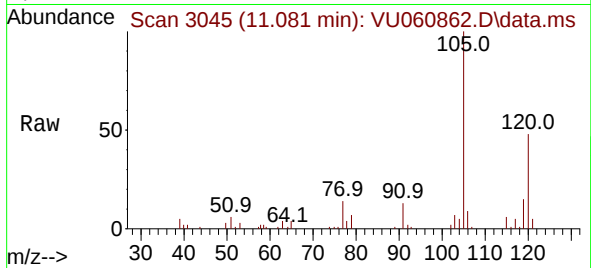
ClientSampleId :

Tgt Ion:105 Resp: 28619

Ion Ratio Lower Upper

105 100

120 48.6 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 0.925 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.379 min

Lab File: VU060862.D

Acq: 18 Sep 2024 12:01

Tgt Ion:105 Resp: 28619

Ion Ratio Lower Upper

105 100

120 48.6 36.1 54.1

