

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060060.D
 Acq On : 19 Jul 2024 15:08
 Operator : MD/SY
 Sample : P3244-03 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZD4

Quant Time: Jul 20 01:40:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	134992	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136584	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72057	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33908	3.610	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.911	69	33340	3.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.560	65	13368	3.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.624	46	99826	45.461	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.920%
24) Chloroform-d	5.055	84	78447	3.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	5.695	65	39231	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.721	84	158973	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.682	67	50462	4.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.891	98	133002	4.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.174	79	17406	4.385	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	79848	45.332	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.660%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	44492	4.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	58668	4.511	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%

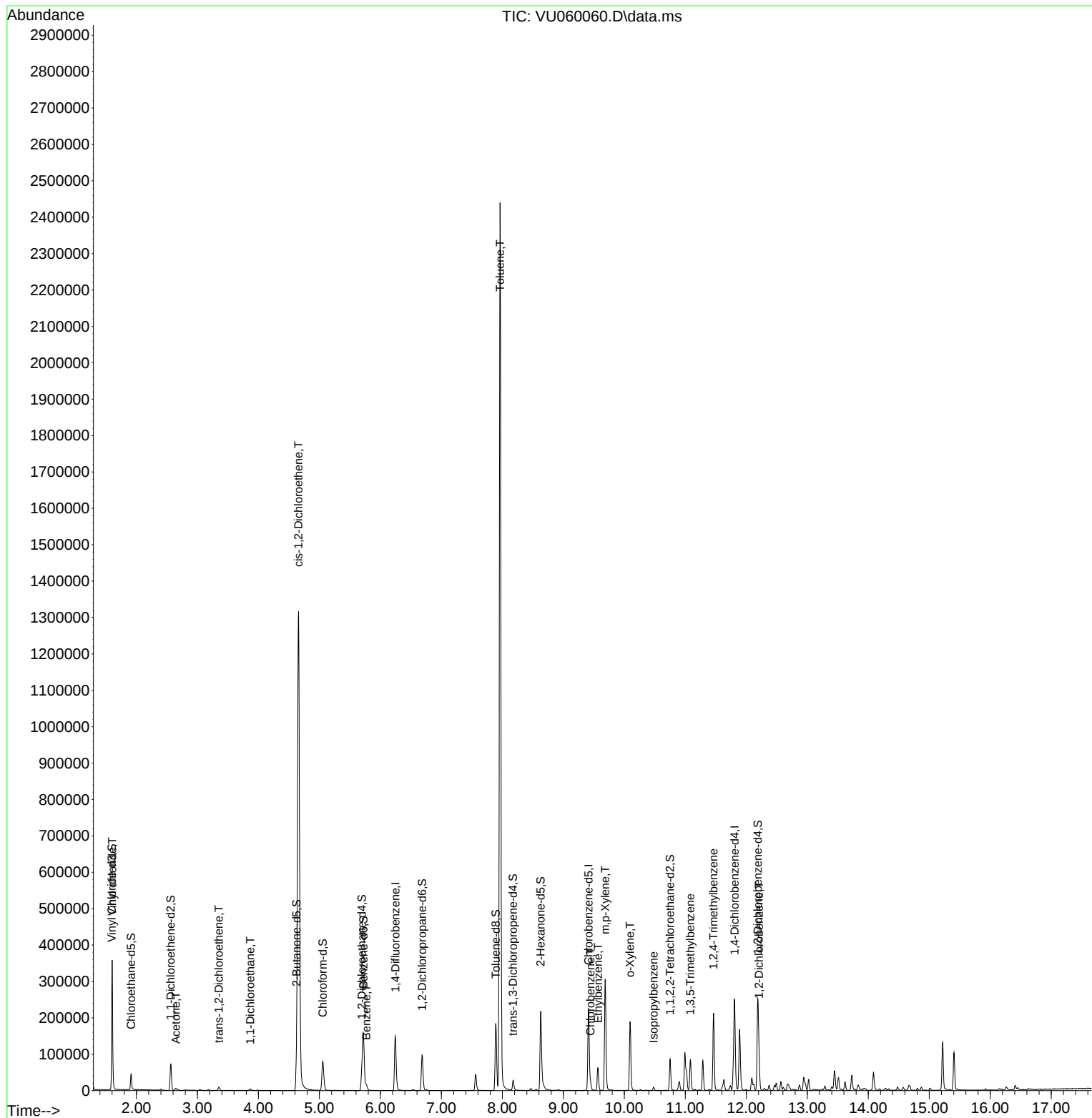
Target Compounds				Qvalue		
5) Vinyl chloride	1.602	62	232310	16.807	ug/L	99
13) Acetone	2.647	43	10004	6.887	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	4557	0.425	ug/L	89
19) 1,1-Dichloroethane	3.866	63	5645	0.277	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	744495	62.017	ug/L	99
33) Benzene	5.769	78	15492	0.343	ug/L	100
42) Toluene	7.962	91	1877164	39.094	ug/L	99
51) Chlorobenzene	9.444	112	12825	0.409	ug/L	98
52) Ethylbenzene	9.566	91	46806	0.977	ug/L	99
53) m,p-Xylene	9.685	106	92585	5.005	ug/L	95
54) o-Xylene	10.094	106	55532	3.139	ug/L	99
60) Isopropylbenzene	10.479	105	6368	0.135	ug/L #	96
62) 1,3,5-Trimethylbenzene	11.081	105	46551	1.293	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	121607	3.495	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	35070	1.445	ug/L	98

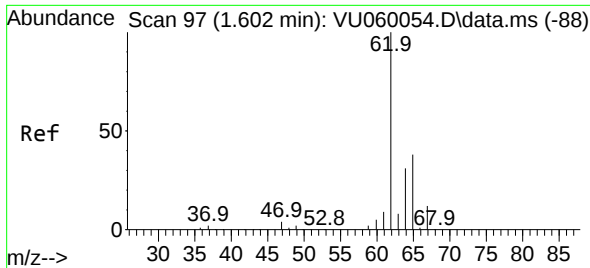
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 20 01:40:28 2024
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

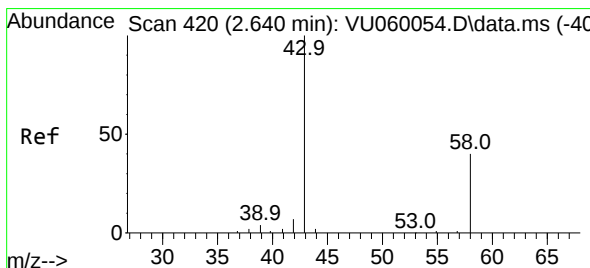
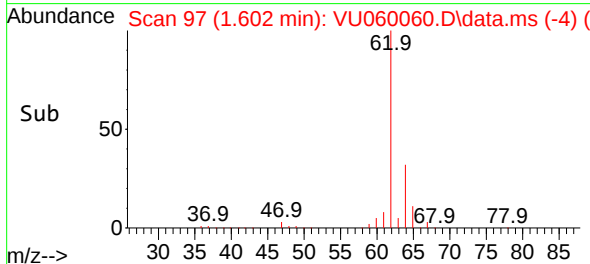
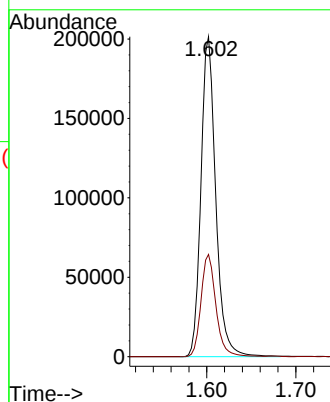
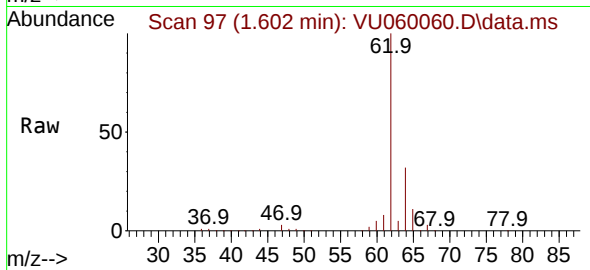




#5
 Vinyl chloride
 Concen: 16.807 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU060060.D
 Acq: 19 Jul 2024 15:08

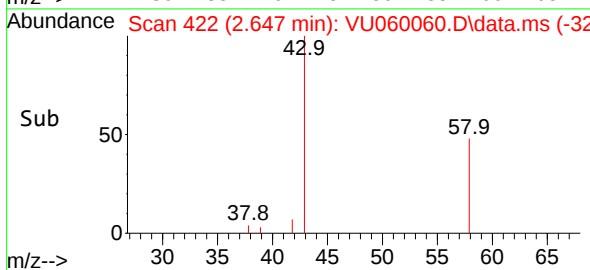
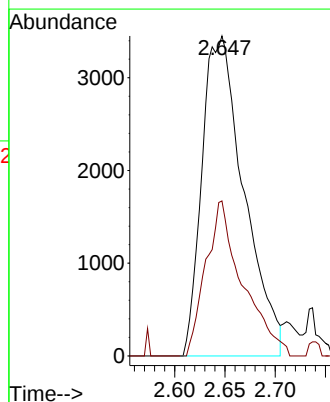
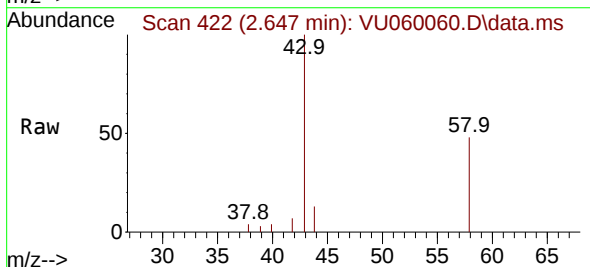
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZD4

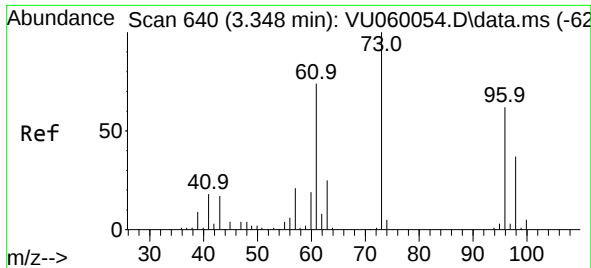
Tgt Ion: 62 Resp: 232310
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.8 42.4



#13
 Acetone
 Concen: 6.887 ug/L
 RT: 2.647 min Scan# 422
 Delta R.T. 0.007 min
 Lab File: VU060060.D
 Acq: 19 Jul 2024 15:08

Tgt Ion: 43 Resp: 10004
 Ion Ratio Lower Upper
 43 100
 58 42.4 0.0 82.2

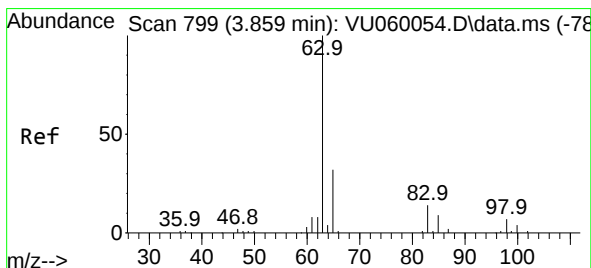
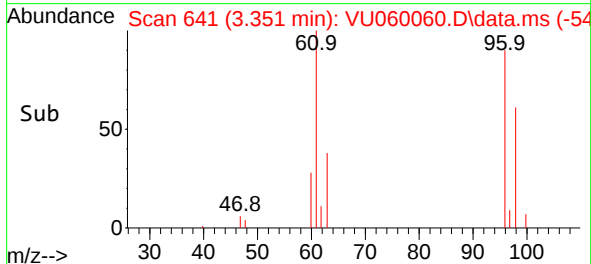
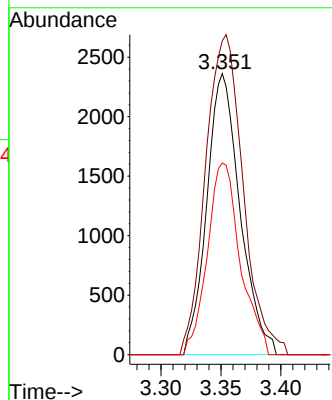
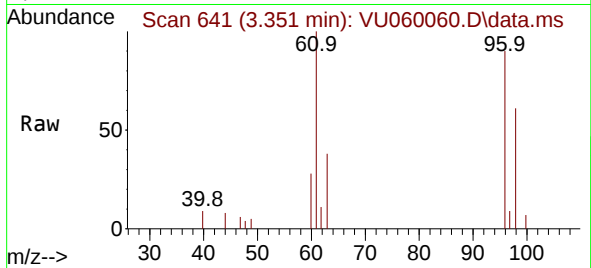




#18
trans-1,2-Dichloroethene
Concen: 0.425 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060060.D
Acq: 19 Jul 2024 15:08

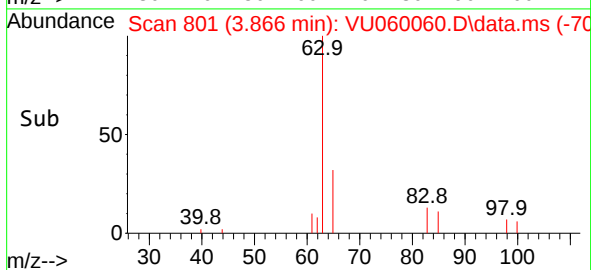
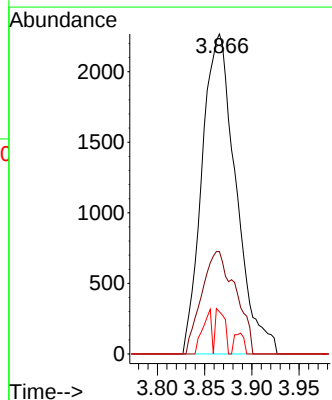
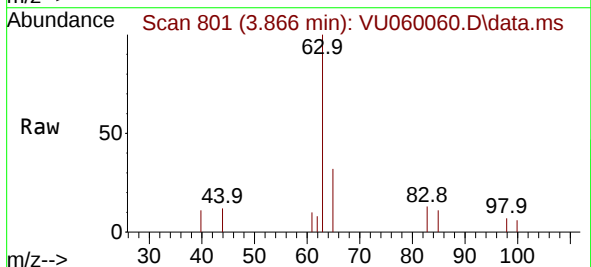
Instrument :
MSVOA_U
ClientSampleId :
YDZD4

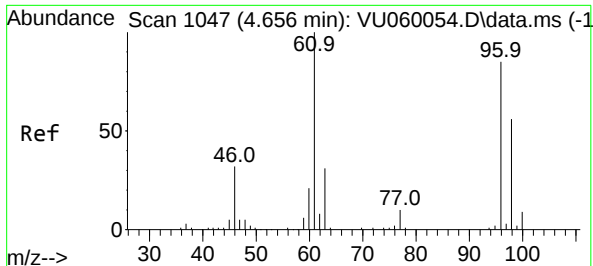
Tgt Ion: 96 Resp: 4557
Ion Ratio Lower Upper
96 100
61 111.7 91.6 170.0
98 68.2 47.7 88.5



#19
1,1-Dichloroethane
Concen: 0.277 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.007 min
Lab File: VU060060.D
Acq: 19 Jul 2024 15:08

Tgt Ion: 63 Resp: 5645
Ion Ratio Lower Upper
63 100
65 32.0 22.0 40.8
83 13.2 9.7 17.9





#22

cis-1,2-Dichloroethene

Concen: 62.017 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU060060.D

Acq: 19 Jul 2024 15:08

Instrument :

MSVOA_U

ClientSampleId :

YDZD4

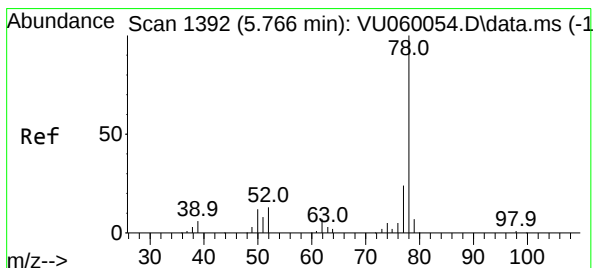
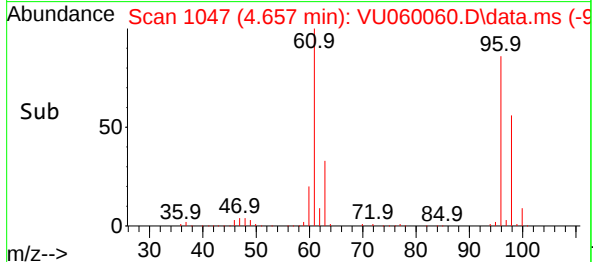
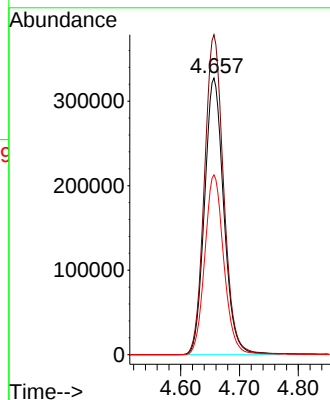
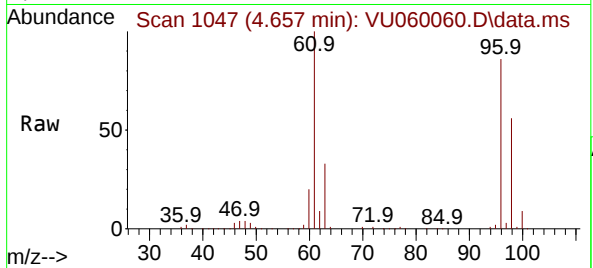
Tgt Ion: 96 Resp: 744495

Ion Ratio Lower Upper

96 100

61 115.7 80.2 148.9

98 65.0 44.7 83.1



#33

Benzene

Concen: 0.343 ug/L

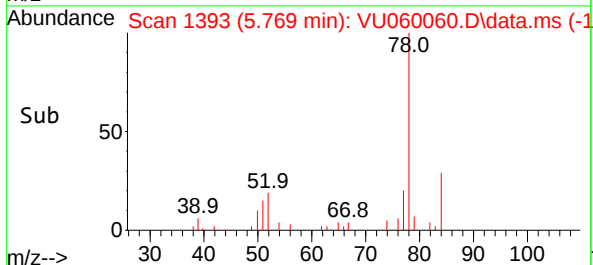
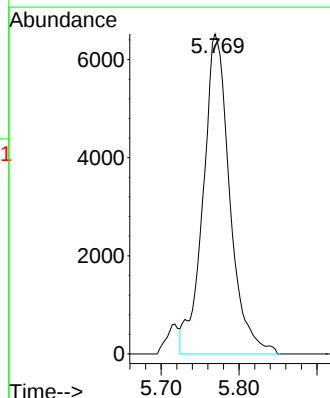
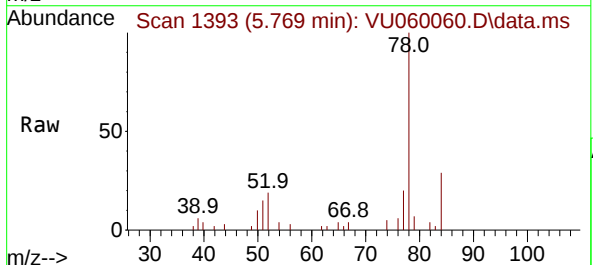
RT: 5.769 min Scan# 1393

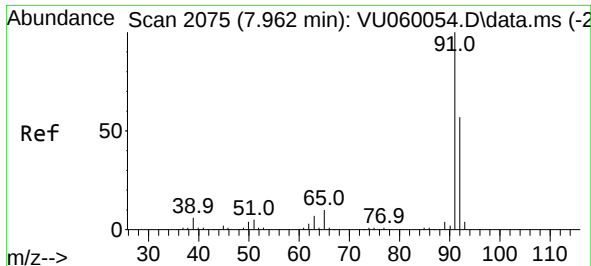
Delta R.T. 0.003 min

Lab File: VU060060.D

Acq: 19 Jul 2024 15:08

Tgt Ion: 78 Resp: 15492





#42

Toluene

Concen: 39.094 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060060.D

Acq: 19 Jul 2024 15:08

Instrument :

MSVOA_U

ClientSampleId :

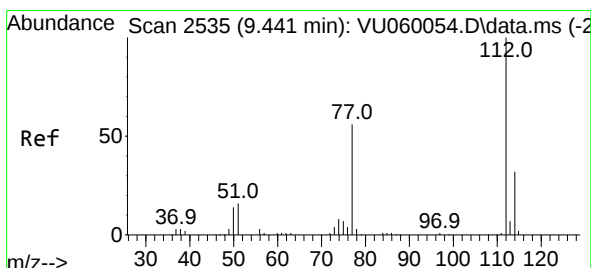
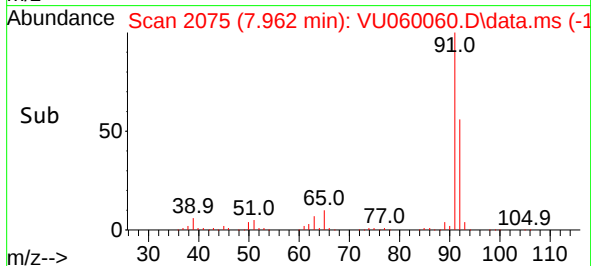
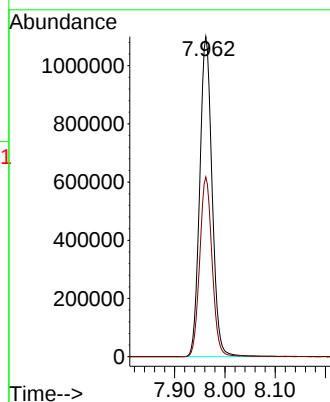
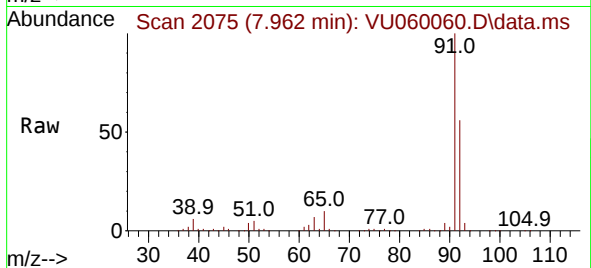
YDZD4

Tgt Ion: 91 Resp: 1877164

Ion Ratio Lower Upper

91 100

92 56.2 39.8 73.8



#51

Chlorobenzene

Concen: 0.409 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU060060.D

Acq: 19 Jul 2024 15:08

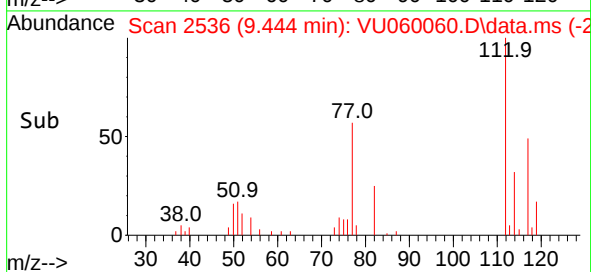
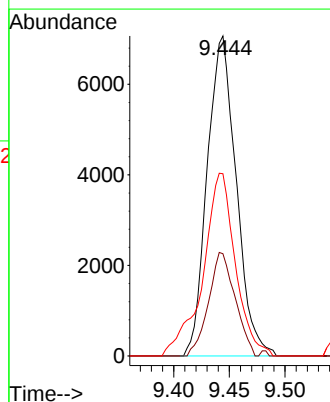
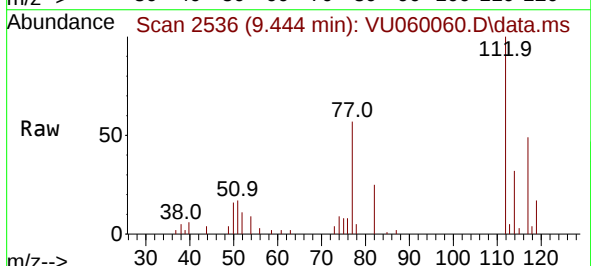
Tgt Ion: 112 Resp: 12825

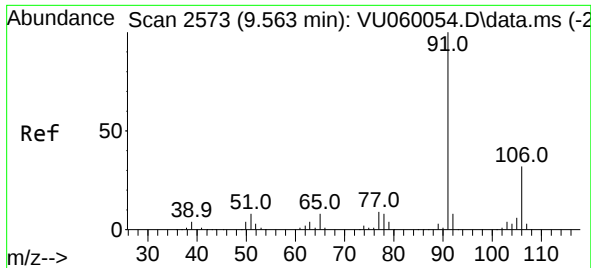
Ion Ratio Lower Upper

112 100

114 30.4 22.1 41.1

77 54.2 44.7 67.1

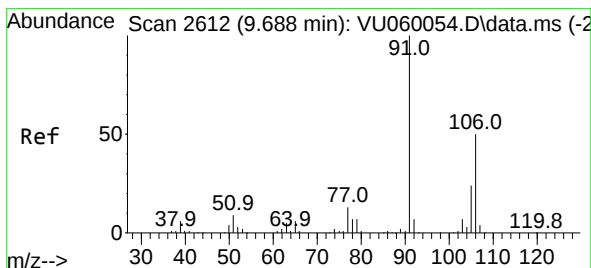
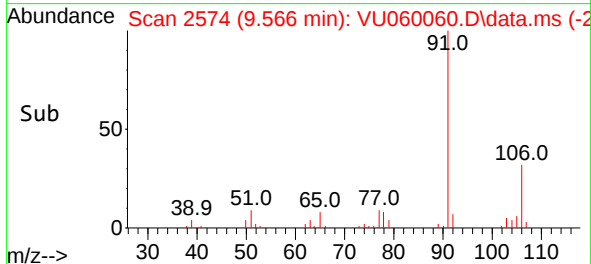
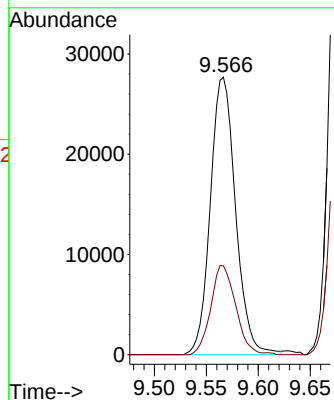
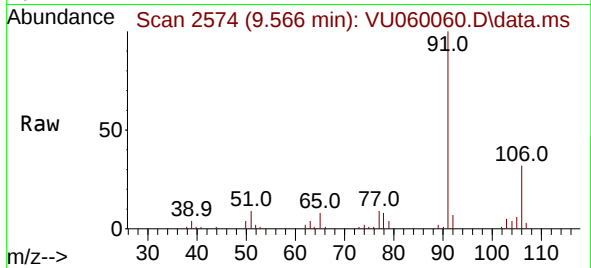




#52
Ethylbenzene
Concen: 0.977 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060060.D
Acq: 19 Jul 2024 15:08

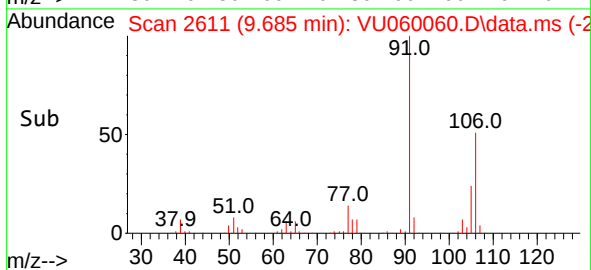
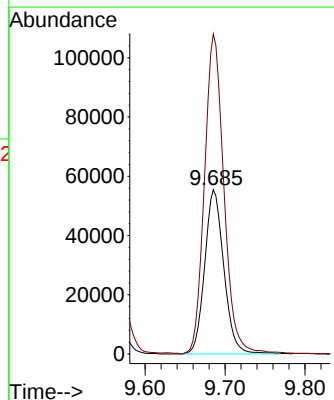
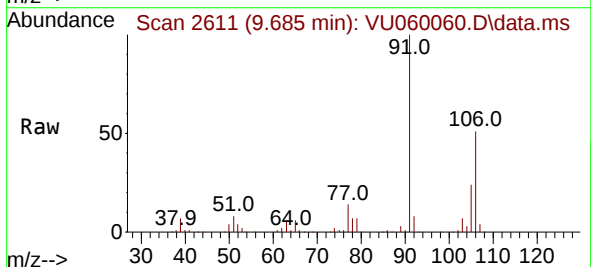
Instrument :
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ClientSampleId :
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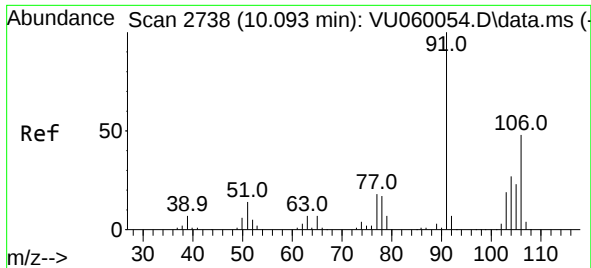
Tgt Ion: 91 Resp: 46806
Ion Ratio Lower Upper
91 100
106 32.0 21.9 40.7



#53
m,p-Xylene
Concen: 5.005 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU060060.D
Acq: 19 Jul 2024 15:08

Tgt Ion: 106 Resp: 92585
Ion Ratio Lower Upper
106 100
91 194.8 141.3 262.5

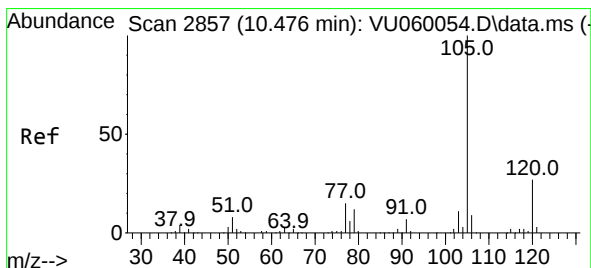
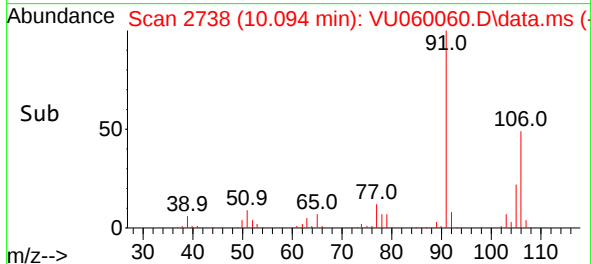
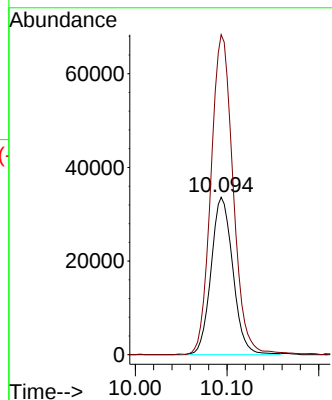
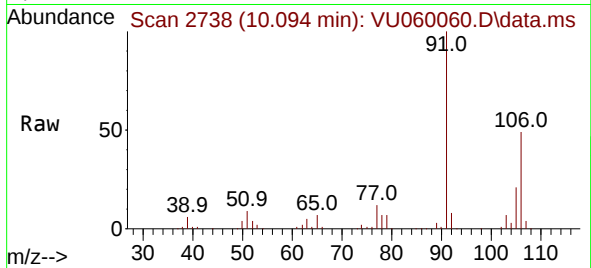




#54
o-Xylene
Concen: 3.139 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060060.D
Acq: 19 Jul 2024 15:08

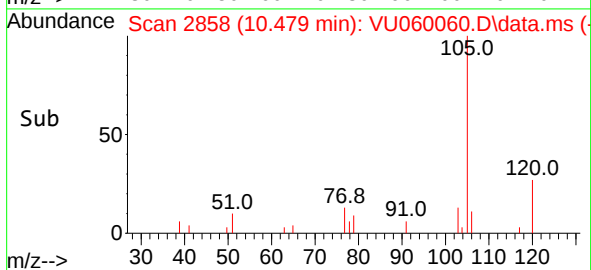
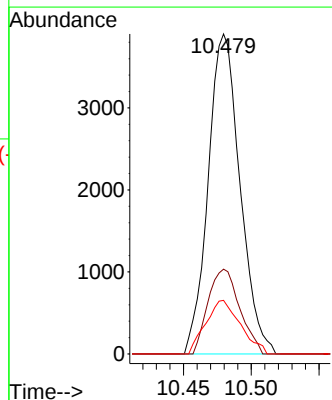
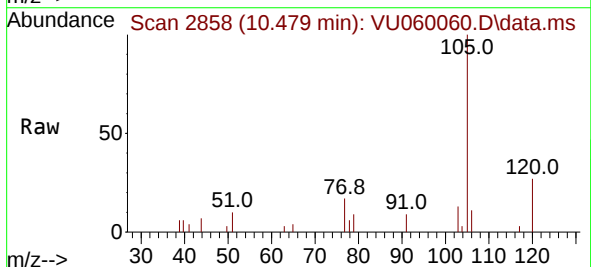
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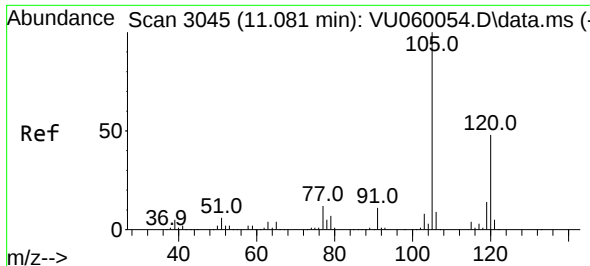
Tgt Ion:106 Resp: 55532
Ion Ratio Lower Upper
106 100
91 203.2 143.6 266.6



#60
Isopropylbenzene
Concen: 0.135 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU060060.D
Acq: 19 Jul 2024 15:08

Tgt Ion:105 Resp: 6368
Ion Ratio Lower Upper
105 100
120 26.4 21.9 32.9
77 18.2 12.1 18.1#

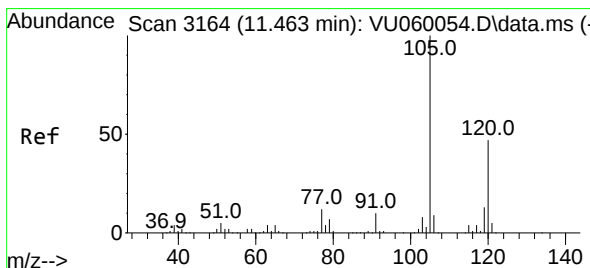
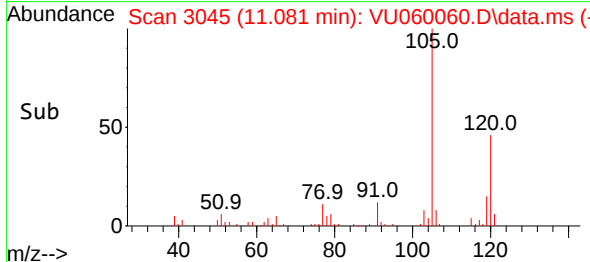
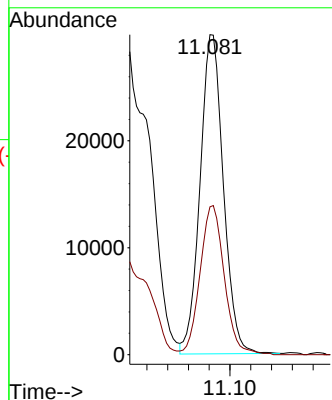
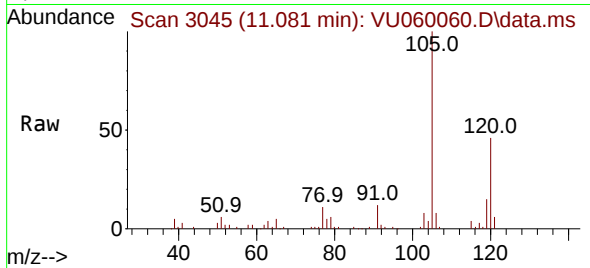




#62
1,3,5-Trimethylbenzene
Concen: 1.293 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU060060.D
Acq: 19 Jul 2024 15:08

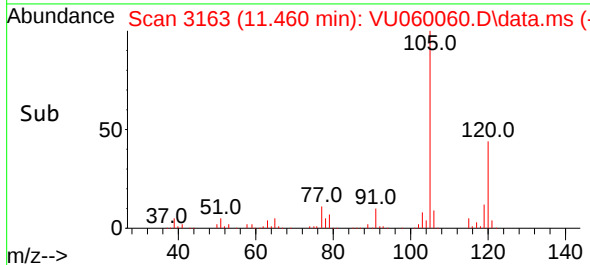
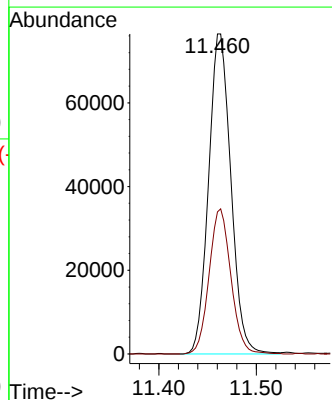
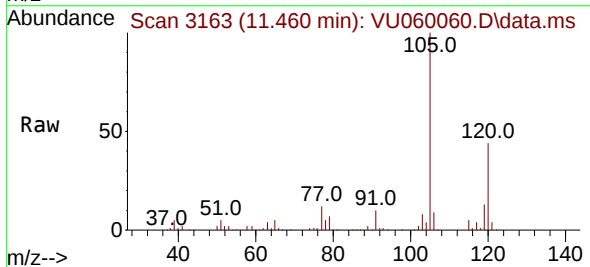
Instrument :
MSVOA_U
ClientSampleId :
YDZD4

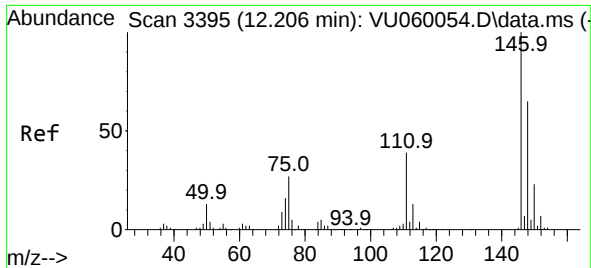
Tgt Ion:105 Resp: 46551
Ion Ratio Lower Upper
105 100
120 48.6 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 3.495 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU060060.D
Acq: 19 Jul 2024 15:08

Tgt Ion:105 Resp: 121607
Ion Ratio Lower Upper
105 100
120 44.3 36.7 55.1





#67
1,2-Dichlorobenzene
Concen: 1.445 ug/L
RT: 12.206 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU060060.D
Acq: 19 Jul 2024 15:08

Instrument :
MSVOA_U
ClientSampleId :
YDZD4

Tgt Ion:146 Resp: 35070
Ion Ratio Lower Upper
146 100
111 40.1 30.9 46.3
148 61.3 49.8 74.8

