

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060631.D
 Acq On : 05 Sep 2024 17:33
 Operator : MD/SY
 Sample : P3809-13 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YE3F2

Quant Time: Sep 06 02:07:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

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

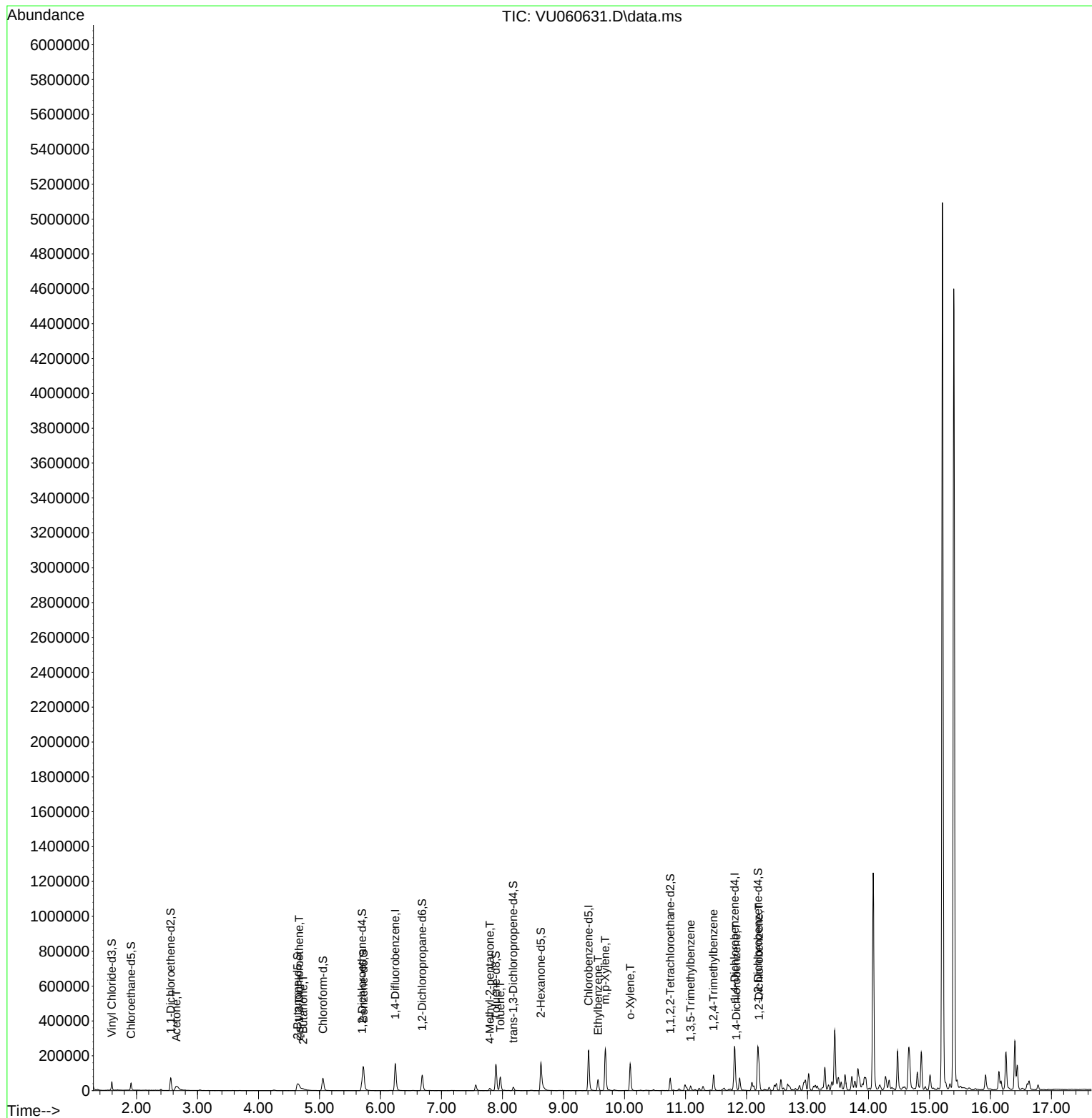
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	130283	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136787	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70380	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29873	5.191	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.800%	
7) Chloroethane-d5	1.911	69	30409	3.488	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	69.800%	
11) 1,1-Dichloroethene-d2	2.560	65	14441	4.258	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.200%	
20) 2-Butanone-d5	4.637	46	83607	42.252	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.500%	
24) Chloroform-d	5.055	84	69068	4.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
26) 1,2-Dichloroethane-d4	5.698	65	37003	4.322	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
32) Benzene-d6	5.721	84	129891	4.343	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.682	67	44945	4.657	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.891	98	107928	3.846	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	8.177	79	12471	3.611	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.200%	
46) 2-Hexanone-d5	8.631	63	57101	34.534	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	69.060%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	34895	4.063	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	46592	4.490	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						Qvalue
13) Acetone	2.653	43	64674	39.059	ug/L	99
21) 2-Butanone	4.730	43	15560	6.872	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	5005	0.483	ug/L	92
40) 4-Methyl-2-pentanone	7.791	43	10278	1.775	ug/L #	88
42) Toluene	7.965	91	60244	1.314	ug/L	93
52) Ethylbenzene	9.566	91	45559	0.938	ug/L	95
53) m,p-Xylene	9.685	106	70496	3.903	ug/L	100
54) o-Xylene	10.094	106	42806	2.315	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	11734	0.335	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	46932	1.313	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	6861	0.294	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	42612	1.974	ug/L	98

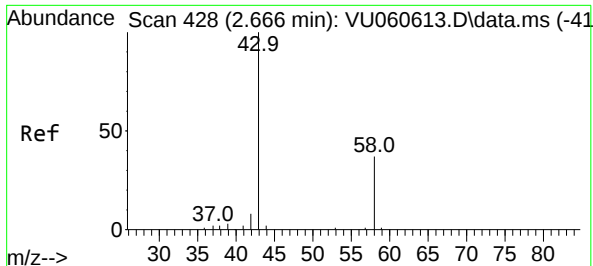
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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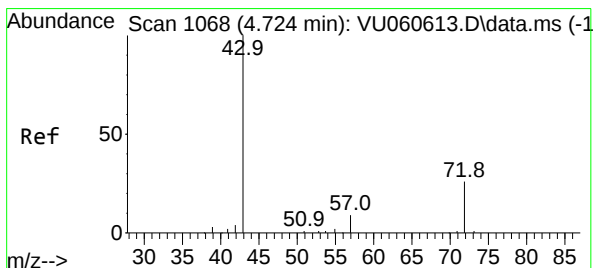
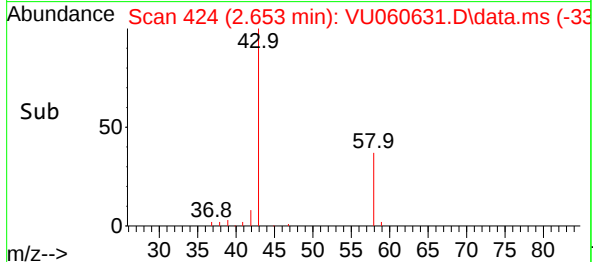
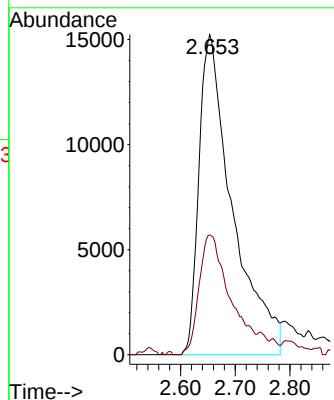
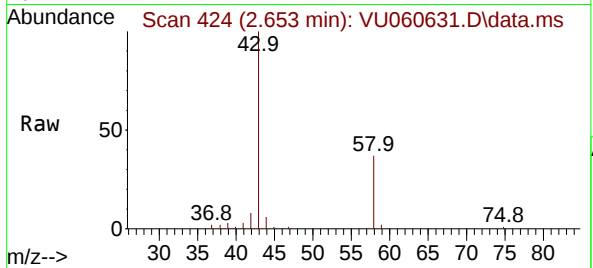




#13
Acetone
Concen: 39.059 ug/L
RT: 2.653 min Scan# 41
Delta R.T. -0.013 min
Lab File: VU060631.D
Acq: 05 Sep 2024 17:33

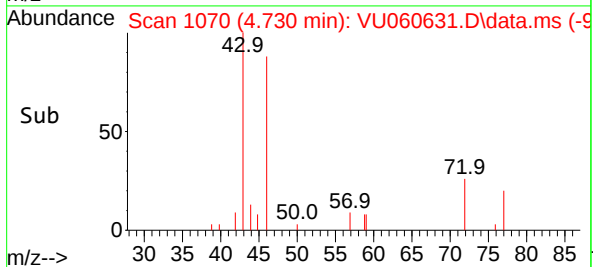
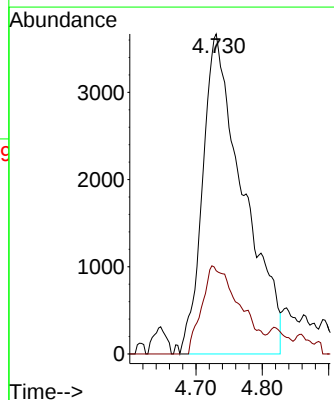
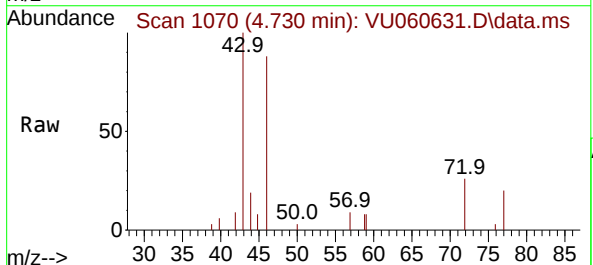
Instrument :
MSVOA_U
ClientSampleId :
YE3F2

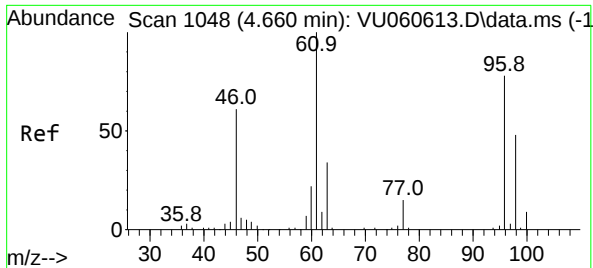
Tgt Ion: 43 Resp: 64674
Ion Ratio Lower Upper
43 100
58 34.2 0.0 66.8



#21
2-Butanone
Concen: 6.872 ug/L
RT: 4.730 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VU060631.D
Acq: 05 Sep 2024 17:33

Tgt Ion: 43 Resp: 15560
Ion Ratio Lower Upper
43 100
72 25.9 14.0 42.0

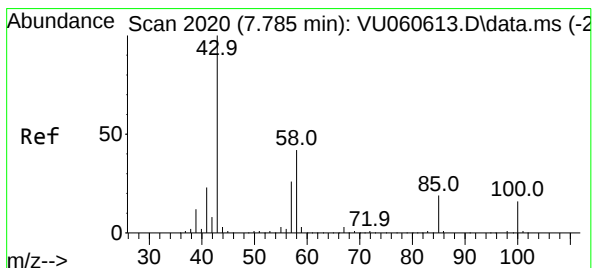
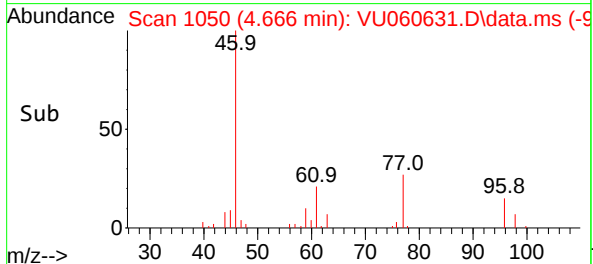
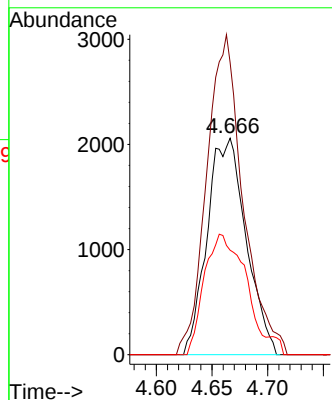
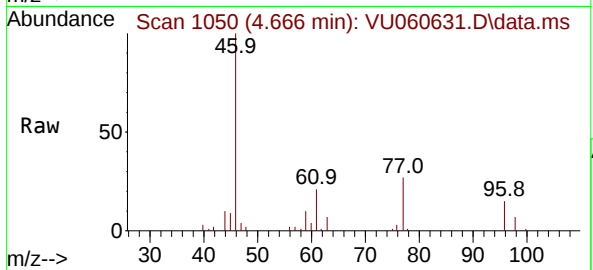




#22
 cis-1,2-Dichloroethene
 Concen: 0.483 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.006 min
 Lab File: VU060631.D
 Acq: 05 Sep 2024 17:33

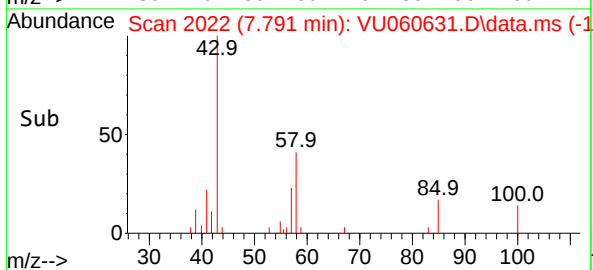
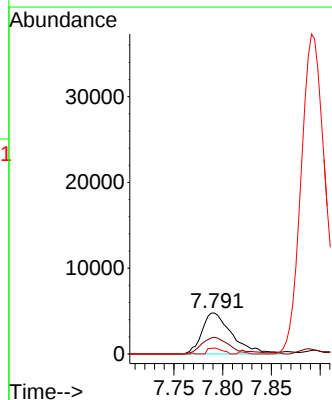
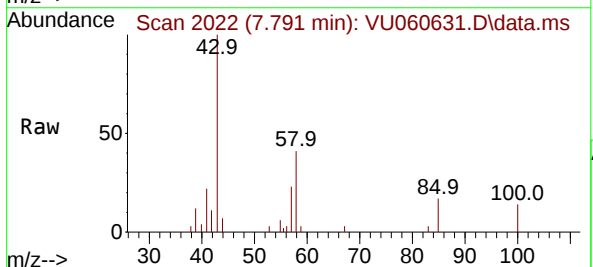
Instrument :
 MSVOA_U
 ClientSampleId :
 YE3F2

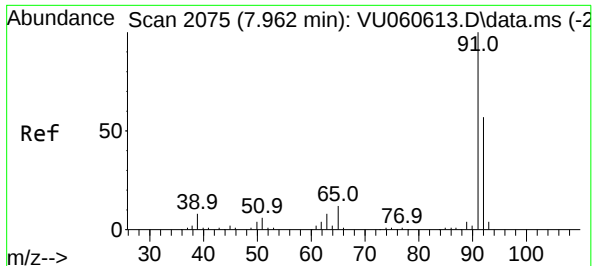
Tgt Ion: 96 Resp: 5005
 Ion Ratio Lower Upper
 96 100
 61 135.0 92.9 172.5
 98 48.3 45.0 83.6



#40
 4-Methyl-2-pentanone
 Concen: 1.775 ug/L
 RT: 7.791 min Scan# 2022
 Delta R.T. 0.006 min
 Lab File: VU060631.D
 Acq: 05 Sep 2024 17:33

Tgt Ion: 43 Resp: 10278
 Ion Ratio Lower Upper
 43 100
 58 39.1 32.5 48.7
 100 0.0 12.5 18.7#





#42

Toluene

Concen: 1.314 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060631.D

Acq: 05 Sep 2024 17:33

Instrument :

MSVOA_U

ClientSampleId :

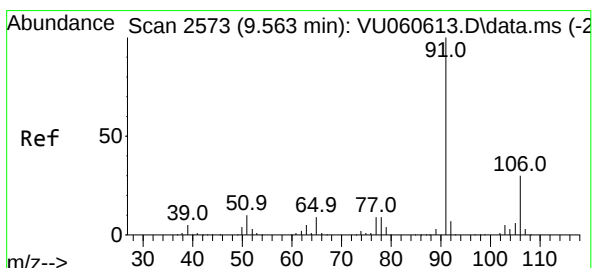
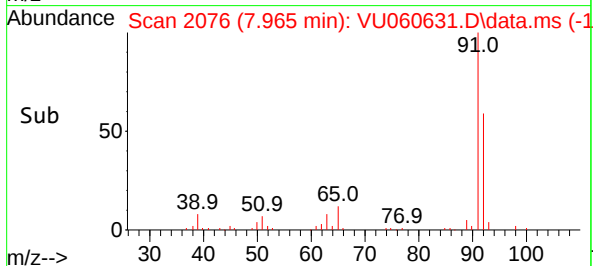
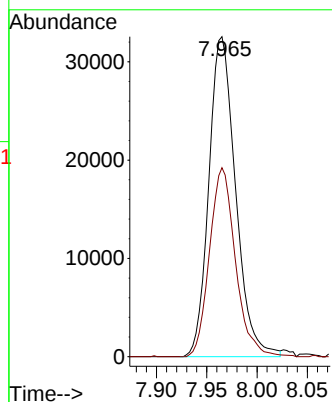
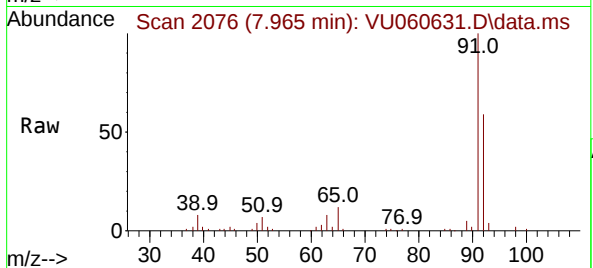
YE3F2

Tgt Ion: 91 Resp: 60244

Ion Ratio Lower Upper

91 100

92 59.1 38.0 70.6



#52

Ethylbenzene

Concen: 0.938 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU060631.D

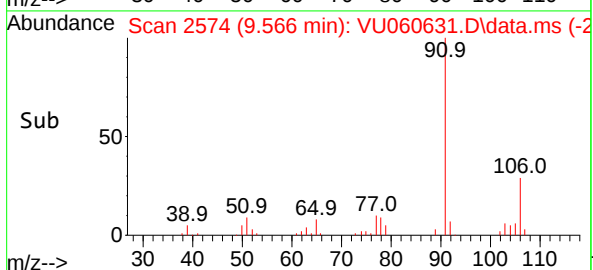
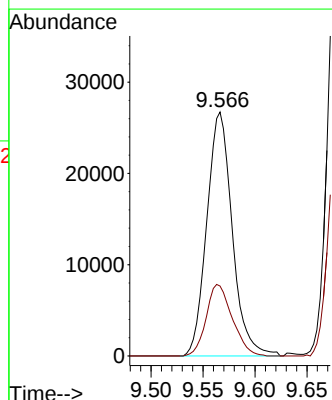
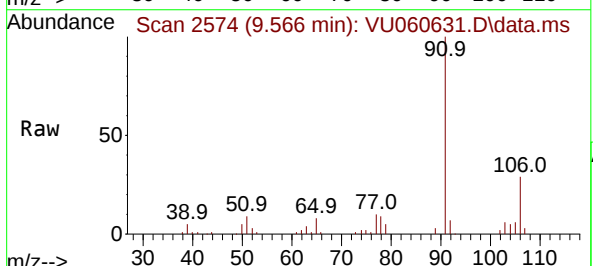
Acq: 05 Sep 2024 17:33

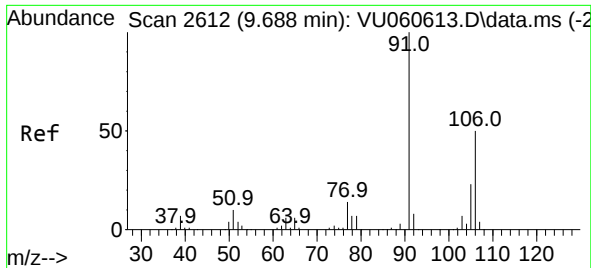
Tgt Ion: 91 Resp: 45559

Ion Ratio Lower Upper

91 100

106 28.7 21.9 40.7

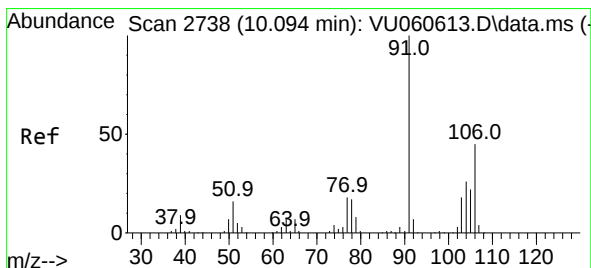
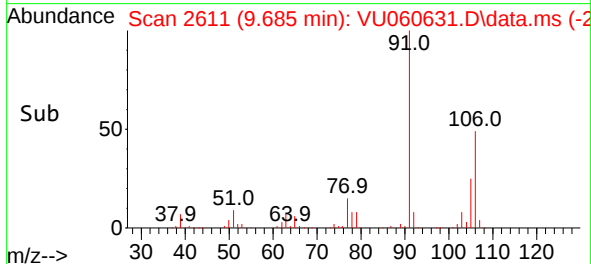
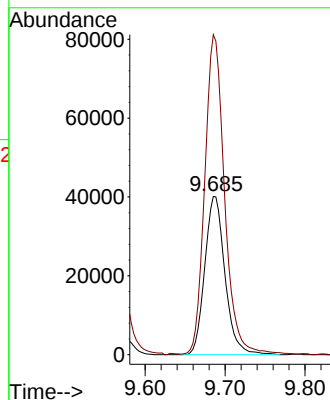
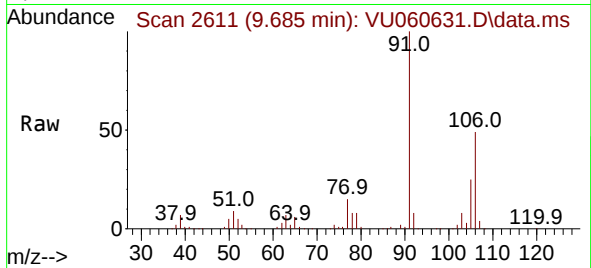




#53
m,p-Xylene
Concen: 3.903 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU060631.D
Acq: 05 Sep 2024 17:33

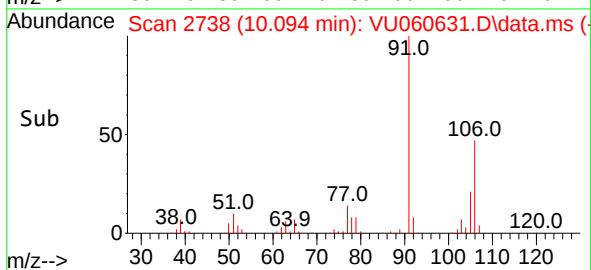
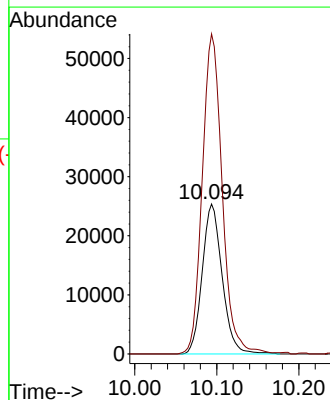
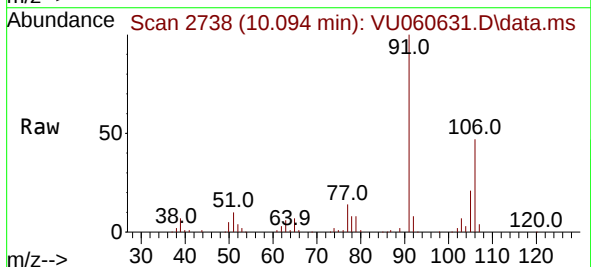
Instrument :
MSVOA_U
ClientSampleId :
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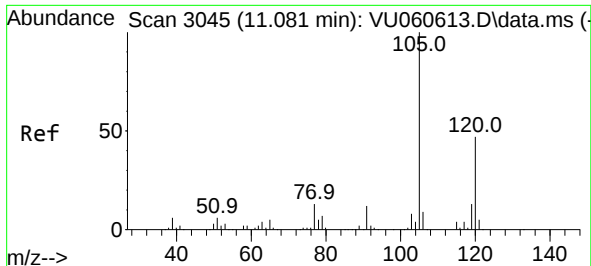
Tgt Ion:106 Resp: 70496
Ion Ratio Lower Upper
106 100
91 202.2 141.5 262.9



#54
o-Xylene
Concen: 2.315 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060631.D
Acq: 05 Sep 2024 17:33

Tgt Ion:106 Resp: 42806
Ion Ratio Lower Upper
106 100
91 213.3 151.1 280.7





#62

1,3,5-Trimethylbenzene

Concen: 0.335 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU060631.D

Acq: 05 Sep 2024 17:33

Instrument :

MSVOA_U

ClientSampleId :

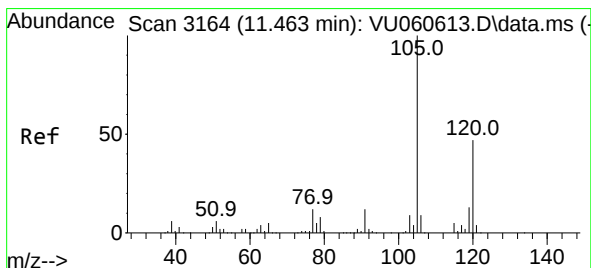
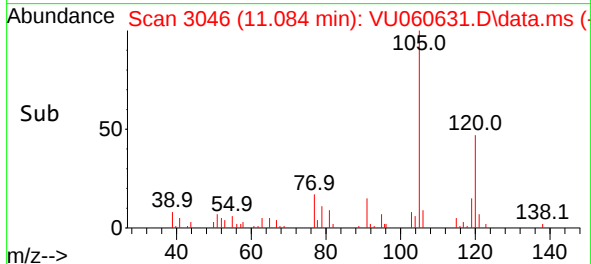
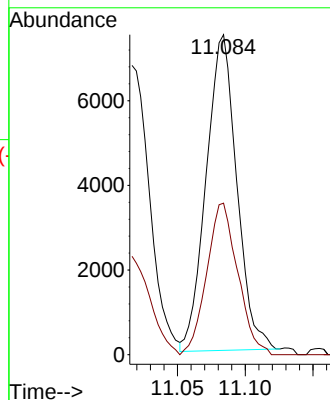
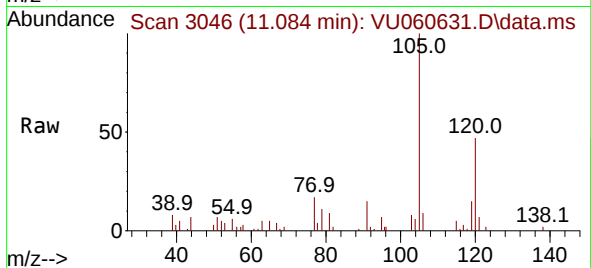
YE3F2

Tgt Ion:105 Resp: 11734

Ion Ratio Lower Upper

105 100

120 48.6 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 1.313 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU060631.D

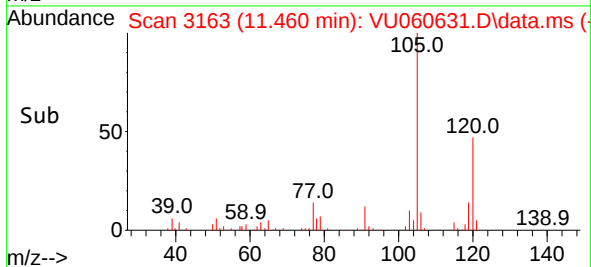
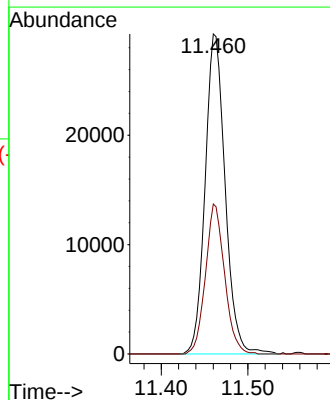
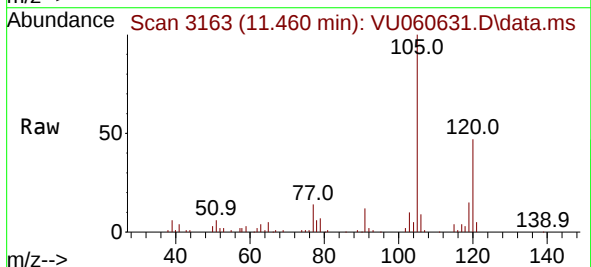
Acq: 05 Sep 2024 17:33

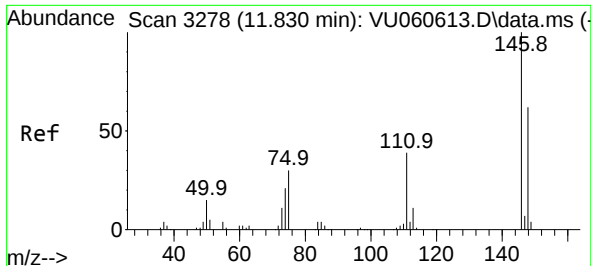
Tgt Ion:105 Resp: 46932

Ion Ratio Lower Upper

105 100

120 44.8 35.7 53.5

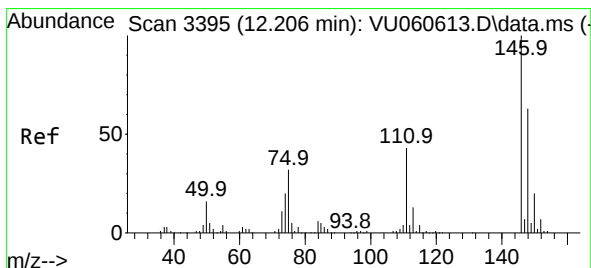
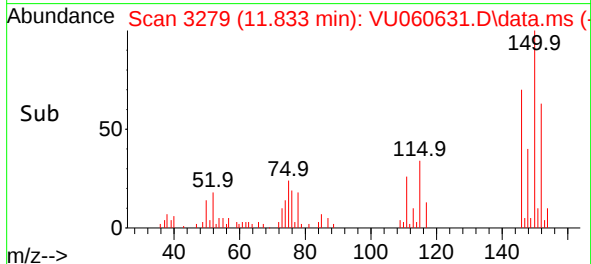
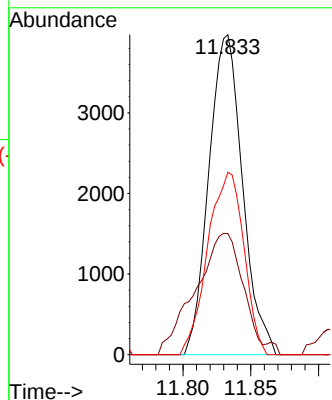
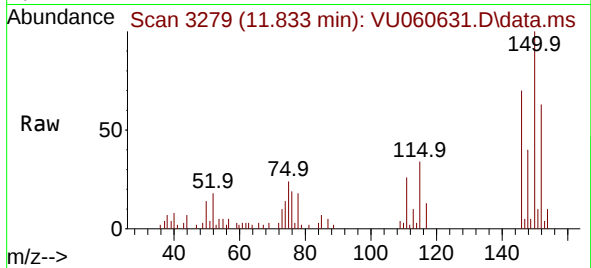




#65
1,4-Dichlorobenzene
Concen: 0.294 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU060631.D
Acq: 05 Sep 2024 17:33

Instrument :
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ClientSampleId :
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Tgt Ion:146 Resp: 6861
Ion Ratio Lower Upper
146 100
111 37.9 27.2 50.4
148 64.9 43.6 81.0



#67
1,2-Dichlorobenzene
Concen: 1.974 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU060631.D
Acq: 05 Sep 2024 17:33

Tgt Ion:146 Resp: 42612
Ion Ratio Lower Upper
146 100
111 42.4 34.6 52.0
148 66.1 51.4 77.2

